TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-104194-1

Job Description: McCandless

For:
Antea USA, Inc.
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Valhalla, NY 10595

Attention: Timothy Fisher

Approved for release.
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11/13/2015 9:51 AM

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11/13/2015

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CASE NARRATIVE

Client: Antea USA, Inc.

Project: McCandless

Report Number: 460-104194-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 11/6/2015 4:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 4.8º C and 5.1º C.

Receipt Exceptions

Method(s) Moisture: The sample duplicate precision for the following sample associated with analytical batch 460-334773 was outside control limits: PRA-18 S (460-104194-6), PRA-10 W (460-104194-7), PRA-18-NE (460-104194-9), PMP-15-NW2-WT (460-104194-11), PMP-16-NW2-WT (460-104194-12), PMP-17-NW2-WT (460-104194-13), PMP-18-NW2-WT (460-104194-14), PMP-19-NW2-WT (460-104194-15), PMP-20-NW2-WT (460-104194-16), PMP-20-NW2-S (460-104194-17), PMP-26-NW2-WT (460-104194-18), DUP-2015_2_11_06 (460-104194-19), DUP-2015_11_06_01 (460-104194-20), PMP-27_NW2_WT (460-104194-21), PMP-28_NW2_WT (460-104194-22), PMP-13_NW2_WT (460-104194-25), (460-104131-B-8) and (460-104131-B-8 DU).

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,4-Dioxane and Methyl acetate failed the recovery criteria high for LCS 460-334211/3. 1,4-Dioxane failed the recovery criteria high for LCSD 460-334211/5. 1,4-Dioxane exceeded the RPD limit. 1,4-Dioxane failed the recovery criteria high for LCSD 460-334504/5. Refer to the QC report for details.

VOLATILE ORGANICS

Samples PRA-25S_1.75 (460-104194-1), PRA-25S-3.75 (460-104194-2), PRA-25S 8.25 (460-104194-3), PRA-25S 11.25 (460-104194-4), PRA-23 NW (460-104194-5), PRA-18 S (460-104194-6), PRA-10 W (460-104194-7), PRA-18-SE (460-104194-8), PRA-18-NE (460-104194-9), PRA-20-N (460-104194-10), PMP-15-NW2-WT (460-104194-11), PMP-16-NW2-WT (460-104194-12), PMP-19-NW2-WT (460-104194-15), DUP-2015_11_06_01 (460-104194-20), PMP-27_NW2_WT (460-104194-21), PMP-28_NW2_WT (460-104194-22) and Trip Blank (460-104194-24) were analyzed for Volatile organics in accordance with EPA SW-846 Method 8260C. The samples were prepared on 11/07/2015 and analyzed on 11/10/2015 and 11/11/2015.

The laboratory control sample / laboratory control sample duplicate (LCS/LCSD) %RPD for batch 334211 was outside control limits for 1,4-Dioxane. The LCS/LCSD recoveries were outside control limits for 1,1,2-Trichloroethane, Methyl acetate, 1,4-Dioxane and 1,1-Dichloroethane. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

The following sample was diluted to bring the concentration of target analytes within the calibration range: PMP-15-NW2-WT (460-104194-11). Elevated reporting limits (RLs) are provided.

The continuing calibration verification (CCV) analyzed in batch 460-334455 was outside the method criteria for the following analyte(s): , Freon TF (biased high), Chloromethane (biased low), and Bromomethane (response was below the minimum required). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The following sample was diluted due to the abundance of non-target analytes: PMP-19-NW2-WT (460-104194-15). Elevated reporting

limits (RLs) are provided.

The laboratory control sample duplicate (LCSD) for batch 334504 recovered outside control limits for the following analyte: 1,4-Dioxane. This analyte was biased high in the LCSD and was not detected in the associated samples; therefore, the data have been reported.

The following sample was diluted due to the abundance of non-target analytes: PMP-27_NW2_WT (460-104194-21). Elevated reporting limits (RLs) are provided.

No difficulties were encountered during the Volatile organics analysis.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANICS

Sample FB-20151106 (460-104194-23) was analyzed for Volatile organics in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 11/10/2015.

No difficulties were encountered during the Volatile organics analysis.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)

Sample FB-20151106 (460-104194-23) was analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 11/10/2015 and analyzed on 11/12/2015.

2-Fluorobiphenyl failed the surrogate recovery criteria low for LCS 460-334367/4-A. Refer to the QC report for details.

A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for five analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 460-334425 had one analyte (N-Nitrosodiphenylamine) outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

The continuing calibration verification (CCV) analyzed in batch 460-335005 was outside the method criteria for the following analyte(s): 2,2'-oxybis[1-chloropropane], 2-Nitroaniline and Di-n-octyl phthalate. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The following laboratory control sample (LCS) associated with batch 460-334367 contained one acid/base surrogate outside acceptance limits:(LCS 460-334367/4-A). The laboratory’s SOP allows one acid and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS

Samples PRA-25S_1.75 (460-104194-1), PRA-25S-3.75 (460-104194-2), PRA-25S 8.25 (460-104194-3), PRA-25S 11.25 (460-104194-4), PRA-23 NW (460-104194-5), PRA-18 S (460-104194-6), PRA-10 W (460-104194-7), PRA-18-SE (460-104194-8), PRA-18-NE (460-104194-9), PRA-20-N (460-104194-10), PMP-15-NW2-WT (460-104194-11), PMP-16-NW2-WT (460-104194-12), PMP-17-NW2-WT (460-104194-13), PMP-18-NW2-WT (460-104194-14), PMP-19-NW2-WT (460-104194-15), PMP-20-NW2-WT (460-104194-16), PMP-20-NW2-S (460-104194-17), PMP-26-NW2-WT (460-104194-18), DUP-2015_2_11_06 (460-104194-19), DUP-2015_11_06_01 (460-104194-20), PMP-27_NW2_WT (460-104194-21), PMP-28_NW2_WT (460-104194-22) and PMP-13_NW2_WT (460-104194-25) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082A. The samples were prepared on 11/11/2015 and analyzed on 11/11/2015 and 11/12/2015.

DCB Decachlorobiphenyl failed the surrogate recovery criteria low for PMP-15-NW2-WT (460-104194-11). DCB Decachlorobiphenyl failed the surrogate recovery criteria high for PMP-16-NW2-WT (460-104194-12). DCB Decachlorobiphenyl failed the surrogate recovery criteria low for PMP-17-NW2-WT (460-104194-13). DCB Decachlorobiphenyl failed the surrogate recovery criteria low for PMP-18-NW2-WT (460-104194-14). DCB Decachlorobiphenyl failed the surrogate recovery criteria low for PMP-19-NW2-WT (460-104194-15). DCB Decachlorobiphenyl failed the surrogate recovery criteria low for DUP-2015_2_11_06 (460-104194-19). DCB Decachlorobiphenyl failed the surrogate recovery criteria low for PMP-13_NW2_WT (460-104194-25). Refer to the QC report for details.

Samples PMP-15-NW2-WT (460-104194-11)[500X], PMP-16-NW2-WT (460-104194-12)[20X], PMP-17-NW2-WT (460-104194-13)[200X], PMP-18-NW2-WT (460-104194-14)[100X], PMP-19-NW2-WT (460-104194-15)[100X], PMP-20-NW2-WT (460-104194-16)[50X], PMP-20-NW2-S (460-104194-17)[20X], PMP-26-NW2-WT (460-104194-18)[20X], DUP-2015_2_11_06 (460-104194-19)[200X], PMP-27_NW2_WT (460-104194-21)[50X] and PMP-13_NW2_WT (460-104194-25)[500X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following samples were diluted to bring the concentration of target analytes within the calibration range: PMP-15-NW2-WT (460-104194-11) and PMP-13_NW2_WT (460-104194-25) at 500.0, 500.0, 500.0 and 500.0. Elevated reporting limits (RLs) are

provided.

The following samples were diluted to bring the concentration of target analytes within the calibration range: PMP-17-NW2-WT (460-104194-13) and DUP-2015_2_11_06 (460-104194-19) at 200.0, 200.0, 200.0 and 200.0. Elevated reporting limits (RLs) are provided.

The following samples were diluted to bring the concentration of target analytes within the calibration range: PMP-18-NW2-WT (460-104194-14) and PMP-19-NW2-WT (460-104194-15) at 100.0, 100.0, 100.0 and 100.0. Elevated reporting limits (RLs) are provided.

The following samples were diluted to bring the concentration of target analytes within the calibration range: PMP-20-NW2-WT (460-104194-16) and PMP-27_NW2_WT (460-104194-21) at 50.0, 50.0, 50.0 and 50.0. Elevated reporting limits (RLs) are provided.

The following samples were diluted to bring the concentration of target analytes within the calibration range: PMP-20-NW2-S (460-104194-17) and PMP-26-NW2-WT (460-104194-18) at 20.0, 20.0, 20.0 and 20.0. Elevated reporting limits (RLs) are provided.

The following sample was diluted to bring the concentration of target analytes within the calibration range: PMP-16-NW2-WT (460-104194-12) at 20.0 and 20.0. Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the PCBs analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Sample FB-20151106 (460-104194-23) was analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 11/09/2015 and analyzed on 11/11/2015.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS

Samples PRA-25S_1.75 (460-104194-1), PRA-25S-3.75 (460-104194-2), PRA-25S 8.25 (460-104194-3), PRA-25S 11.25 (460-104194-4), PRA-23 NW (460-104194-5), PRA-18 S (460-104194-6), PRA-10 W (460-104194-7), PRA-18-SE (460-104194-8), PRA-18-NE (460-104194-9), PRA-20-N (460-104194-10) and DUP-2015_11_06_01 (460-104194-20) were analyzed for Semivolatile organic compounds in accordance with EPA SW-846 Method 8270D. The samples were prepared on 11/10/2015 and analyzed on 11/11/2015 and 11/12/2015.

N-Nitrosodiphenylamine failed the recovery criteria low for LCS 460-334425/2-A. Refer to the QC report for details.

Several analytes failed the recovery criteria low for the MS of sample PRA-18-NEMS (460-104194-9) in batch 460-334538.

Several analytes failed the recovery criteria low for the MSD of sample PRA-18-NEMSD (460-104194-9) in batch 460-334538.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

TOTAL PETROLEUM HYDROCARBONS

Samples PRA-25S_1.75 (460-104194-1), PRA-25S-3.75 (460-104194-2), PRA-25S 8.25 (460-104194-3), PRA-25S 11.25 (460-104194-4), PRA-23 NW (460-104194-5), PRA-18 S (460-104194-6), PRA-10 W (460-104194-7), PRA-18-SE (460-104194-8), PRA-18-NE (460-104194-9), PRA-20-N (460-104194-10), DUP-2015_11_06_01 (460-104194-20) and PMP-28_NW2_WT (460-104194-22) were analyzed for total petroleum hydrocarbons in accordance with NJ-OQA-QAM-025. The samples were prepared on 11/11/2015 and analyzed on 11/12/2015.

o-Terphenyl failed the surrogate recovery criteria high for PRA-20-N (460-104194-10). o-Terphenyl failed the surrogate recovery criteria high for PRA-23 NW (460-104194-5). o-Terphenyl failed the surrogate recovery criteria high for PRA-10 W (460-104194-7). Refer to the QC report for details.

Samples PRA-23 NW (460-104194-5)[5X], PRA-10 W (460-104194-7)[5X] and PRA-20-N (460-104194-10)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the QAM 025 analysis.

All other quality control parameters were within the acceptance limits.

TOTAL PETROLEUM HYDROCARBONS

Sample FB-20151106 (460-104194-23) was analyzed for total petroleum hydrocarbons in accordance with NJ-OQA-QAM-025. The

samples were prepared and analyzed on 11/12/2015.

Surrogate o-Terphenyl recovery for the following samples was outside control limits: PRA-23 NW (460-104194-5), PRA-10 W (460-104194-7) and PRA-20-N (460-104194-10). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

The following samples was diluted to bring the concentration of target analytes within the calibration range: PRA-23 NW (460-104194-5) and PRA-10 W (460-104194-7) at 5.0 and 5.0. Elevated reporting limits (RLs) are provided.

The following sample was diluted to bring the concentration of target analytes within the calibration range: PRA-20-N (460-104194-10) at 2.0. Elevated reporting limits (RLs) are provided.

No difficulties were encountered during the QAM-025 analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples PRA-25S_1.75 (460-104194-1), PRA-25S-3.75 (460-104194-2), PRA-25S 8.25 (460-104194-3), PRA-25S 11.25 (460-104194-4), PRA-23 NW (460-104194-5), PRA-18 S (460-104194-6), PRA-10 W (460-104194-7), PRA-18-SE (460-104194-8), PRA-18-NE (460-104194-9), PRA-20-N (460-104194-10), PMP-15-NW2-WT (460-104194-11), PMP-16-NW2-WT (460-104194-12), PMP-17-NW2-WT (460-104194-13), PMP-18-NW2-WT (460-104194-14), PMP-19-NW2-WT (460-104194-15), PMP-20-NW2-WT (460-104194-16), PMP-20-NW2-S (460-104194-17), PMP-26-NW2-WT (460-104194-18), DUP-2015_2_11_06 (460-104194-19), DUP-2015_11_06_01 (460-104194-20), PMP-27_NW2_WT (460-104194-21), PMP-28_NW2_WT (460-104194-22) and PMP-13_NW2_WT (460-104194-25) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 11/11/2015.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Antea USA, Inc. Job Number: 460-104194-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-104194-1	PRA-25S_1.75	Solid	11/06/2015 1245	11/06/2015 1630
460-104194-2	PRA-25S-3.75	Solid	11/06/2015 1247	11/06/2015 1630
460-104194-3	PRA-25S 8.25	Solid	11/06/2015 1249	11/06/2015 1630
460-104194-4	PRA-25S 11.25	Solid	11/06/2015 1251	11/06/2015 1630
460-104194-5	PRA-23 NW	Solid	11/06/2015 0830	11/06/2015 1630
460-104194-6	PRA-18 S	Solid	11/06/2015 1055	11/06/2015 1630
460-104194-7	PRA-10 W	Solid	11/06/2015 1014	11/06/2015 1630
460-104194-8	PRA-18-SE	Solid	11/06/2015 1020	11/06/2015 1630
460-104194-9	PRA-18-NE	Solid	11/06/2015 1000	11/06/2015 1630
460-104194-10	PRA-20-N	Solid	11/06/2015 1125	11/06/2015 1630
460-104194-11	PMP-15-NW2-WT	Solid	11/06/2015 0918	11/06/2015 1630
460-104194-12	PMP-16-NW2-WT	Solid	11/06/2015 0905	11/06/2015 1630
460-104194-13	PMP-17-NW2-WT	Solid	11/06/2015 0952	11/06/2015 1630
460-104194-14	PMP-18-NW2-WT	Solid	11/06/2015 1045	11/06/2015 1630
460-104194-15	PMP-19-NW2-WT	Solid	11/06/2015 1115	11/06/2015 1630
460-104194-16	PMP-20-NW2-WT	Solid	11/06/2015 1210	11/06/2015 1630
460-104194-17	PMP-20-NW2-S	Solid	11/06/2015 1212	11/06/2015 1630
460-104194-18	PMP-26-NW2-WT	Solid	11/06/2015 1155	11/06/2015 1630
460-104194-19	DUP-2015_2_11_06	Solid	11/06/2015 0000	11/06/2015 1630
460-104194-20	DUP-2015_11_06_01	Solid	11/06/2015 0000	11/06/2015 1630
460-104194-21	PMP-27_NW2_WT	Solid	11/06/2015 1220	11/06/2015 1630
460-104194-22	PMP-28_NW2_WT	Solid	11/06/2015 0935	11/06/2015 1630
460-104194-23FB	FB-20151106	Water	11/06/2015 1350	11/06/2015 1630
460-104194-24TB	Trip Blank	Solid	11/06/2015 0000	11/06/2015 1630
460-104194-25	PMP-13_NW2_WT	Solid	11/06/2015 0845	11/06/2015 1630

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-104194-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-104194-1	**PRA-25S_1.75**					
Methylene Chloride		1.4		1.1	ug/Kg	8260C
Acetone		10		5.6	ug/Kg	8260C
Methyl acetate		1.6	J	5.6	ug/Kg	8260C
Bis(2-ethylhexyl) phthalate		21	J	350	ug/Kg	8270D
Percent Moisture		6.8		1.0	%	Moisture
Percent Solids		93.2		1.0	%	Moisture
460-104194-2	**PRA-25S-3.75**					
Bis(2-ethylhexyl) phthalate		33	J	350	ug/Kg	8270D
Aroclor 1260		60	J	71	ug/Kg	8082A
Percent Moisture		5.1		1.0	%	Moisture
Percent Solids		94.9		1.0	%	Moisture
460-104194-3	**PRA-25S 8.25**					
Acetone		4.3	J	4.9	ug/Kg	8260C
1,2,3-Trichlorobenzene		0.19	J	0.99	ug/Kg	8260C
Bis(2-ethylhexyl) phthalate		20	J	340	ug/Kg	8270D
Aroclor 1248		360		70	ug/Kg	8082A
Aroclor 1260		63	J	70	ug/Kg	8082A
Percent Moisture		4.3		1.0	%	Moisture
Percent Solids		95.7		1.0	%	Moisture
460-104194-4	**PRA-25S 11.25**					
Acetone		11		4.6	ug/Kg	8260C
Toluene		0.21	J	0.92	ug/Kg	8260C
Bis(2-ethylhexyl) phthalate		24	J	380	ug/Kg	8270D
Percent Moisture		13.0		1.0	%	Moisture
Percent Solids		87.0		1.0	%	Moisture
460-104194-5	**PRA-23 NW**					
2-Methylnaphthalene		8.2	J	360	ug/Kg	8270D
Bis(2-ethylhexyl) phthalate		24	J	360	ug/Kg	8270D
Total Petroleum Hydrocarbons (C8-C40)		340	D	30	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		9.4		1.0	%	Moisture
Percent Solids		90.6		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-104194-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-104194-6	**PRA-18 S**					
Methylene Chloride		2.3		0.85	ug/Kg	8260C
Acetone		16		4.2	ug/Kg	8260C
Methyl acetate		2.2	J	4.2	ug/Kg	8260C
Trichloroethene		0.32	J	0.85	ug/Kg	8260C
Toluene		0.42	J	0.85	ug/Kg	8260C
1,2,4-Trichlorobenzene		0.28	J	0.85	ug/Kg	8260C
Bis(2-ethylhexyl) phthalate		24	J	350	ug/Kg	8270D
Total Petroleum Hydrocarbons (C8-C40)		15		5.8	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		4.7		1.0	%	Moisture
Percent Solids		95.3		1.0	%	Moisture
460-104194-7	**PRA-10 W**					
Acetone		3.7	J	4.8	ug/Kg	8260C
1,4-Dichlorobenzene		0.33	J	0.96	ug/Kg	8260C
1,2,4-Trichlorobenzene		0.91	J	0.96	ug/Kg	8260C
Bis(2-ethylhexyl) phthalate		19	J	340	ug/Kg	8270D
Total Petroleum Hydrocarbons (C8-C40)		340	D	29	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		4.5		1.0	%	Moisture
Percent Solids		95.5		1.0	%	Moisture
460-104194-8	**PRA-18-SE**					
Acetone		24		4.9	ug/Kg	8260C
1,4-Dichlorobenzene		0.52	J	0.99	ug/Kg	8260C
1,2,4-Trichlorobenzene		0.64	J	0.99	ug/Kg	8260C
Bis(2-ethylhexyl) phthalate		26	J	340	ug/Kg	8270D
Percent Moisture		4.5		1.0	%	Moisture
Percent Solids		95.5		1.0	%	Moisture
460-104194-9	**PRA-18-NE**					
Acetone		2.1	J	4.6	ug/Kg	8260C
Aroclor 1248		100		71	ug/Kg	8082A
Percent Moisture		5.7		1.0	%	Moisture
Percent Solids		94.3		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-104194-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-104194-10	**PRA-20-N**					
Acetone		6.2		4.3	ug/Kg	8260C
1,4-Dichlorobenzene		1.1		0.85	ug/Kg	8260C
1,2,4-Trichlorobenzene		1.9		0.85	ug/Kg	8260C
1,2,3-Trichlorobenzene		0.75	J	0.85	ug/Kg	8260C
Total Petroleum Hydrocarbons (C8-C40)		350	D	12	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.2		1.0	%	Moisture
Percent Solids		94.8		1.0	%	Moisture
460-104194-11	**PMP-15-NW2-WT**					
1,2-Dichlorobenzene		34	J	92	ug/Kg	8260C
1,4-Dichlorobenzene		64	J	92	ug/Kg	8260C
1,2,4-Trichlorobenzene		6300		92	ug/Kg	8260C
1,2,3-Trichlorobenzene		1400		92	ug/Kg	8260C
Tetrachloroethene		340		92	ug/Kg	8260C
Xylenes, Total		66	J	180	ug/Kg	8260C
Aroclor 1242		350000		37000	ug/Kg	8082A
Percent Moisture		9.2		1.0	%	Moisture
Percent Solids		90.8		1.0	%	Moisture
460-104194-12	**PMP-16-NW2-WT**					
Acetone		9.3		4.3	ug/Kg	8260C
2-Butanone		4.1	J	4.3	ug/Kg	8260C
Ethylbenzene		0.22	J	0.86	ug/Kg	8260C
Toluene		0.18	J	0.86	ug/Kg	8260C
1,3-Dichlorobenzene		1.8		0.86	ug/Kg	8260C
1,4-Dichlorobenzene		24		0.86	ug/Kg	8260C
Methylcyclohexane		8.4		0.86	ug/Kg	8260C
Tetrachloroethene		0.85	J	0.86	ug/Kg	8260C
Xylenes, Total		0.31	J	1.7	ug/Kg	8260C
Aroclor 1242		21000		1400	ug/Kg	8082A
Aroclor 1260		1900		1400	ug/Kg	8082A
Percent Moisture		5.4		1.0	%	Moisture
Percent Solids		94.6		1.0	%	Moisture
460-104194-13	**PMP-17-NW2-WT**					
Aroclor 1242		210000		14000	ug/Kg	8082A
Percent Moisture		5.4		1.0	%	Moisture
Percent Solids		94.6		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-104194-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-104194-14	**PMP-18-NW2-WT**					
Aroclor 1242		52000		7100	ug/Kg	8082A
Percent Moisture		5.4		1.0	%	Moisture
Percent Solids		94.6		1.0	%	Moisture
460-104194-15	**PMP-19-NW2-WT**					
1,4-Dichlorobenzene		200		90	ug/Kg	8260C
1,2,4-Trichlorobenzene		380		90	ug/Kg	8260C
Xylenes, Total		160	J	180	ug/Kg	8260C
Aroclor 1242		59000		7000	ug/Kg	8082A
Percent Moisture		4.3		1.0	%	Moisture
Percent Solids		95.7		1.0	%	Moisture
460-104194-16	**PMP-20-NW2-WT**					
Aroclor 1242		44000		3700	ug/Kg	8082A
Percent Moisture		8.3		1.0	%	Moisture
Percent Solids		91.7		1.0	%	Moisture
460-104194-17	**PMP-20-NW2-S**					
Aroclor 1242		26000		1500	ug/Kg	8082A
Percent Moisture		13.5		1.0	%	Moisture
Percent Solids		86.5		1.0	%	Moisture
460-104194-18	**PMP-26-NW2-WT**					
Aroclor 1242		17000		1500	ug/Kg	8082A
Percent Moisture		9.0		1.0	%	Moisture
Percent Solids		91.0		1.0	%	Moisture
460-104194-19	**DUP-2015_2_11_06**					
Aroclor 1242		230000		15000	ug/Kg	8082A
Percent Moisture		8.4		1.0	%	Moisture
Percent Solids		91.6		1.0	%	Moisture
460-104194-20	**DUP-2015_11_06_01**					
Acetone		11		4.9	ug/Kg	8260C
Aroclor 1242		350		70	ug/Kg	8082A
Percent Moisture		4.8		1.0	%	Moisture
Percent Solids		95.2		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-104194-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-104194-21	**PMP-27_NW2_WT**					
Aroclor 1242		28000		3600	ug/Kg	8082A
Aroclor 1260		2100	J	3600	ug/Kg	8082A
Percent Moisture		6.1		1.0	%	Moisture
Percent Solids		93.9		1.0	%	Moisture
460-104194-22	**PMP-28_NW2_WT**					
Acetone		28		4.7	ug/Kg	8260C
1,2,4-Trichlorobenzene		10		0.94	ug/Kg	8260C
1,2,3-Trichlorobenzene		3.6		0.94	ug/Kg	8260C
Aroclor 1242		1300		68	ug/Kg	8082A
Aroclor 1262		1000		68	ug/Kg	8082A
Total Petroleum Hydrocarbons (C8-C40)		22		5.6	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		2.0		1.0	%	Moisture
Percent Solids		98.0		1.0	%	Moisture
460-104194-24TB	**TRIP BLANK**					
Acetone		14		5.0	ug/Kg	8260C
460-104194-25	**PMP-13_NW2_WT**					
Aroclor 1242		250000		36000	ug/Kg	8082A
Percent Moisture		6.3		1.0	%	Moisture
Percent Solids		93.7		1.0	%	Moisture

METHOD SUMMARY

Client: Antea USA, Inc. Job Number: 460-104194-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	TAL EDI	SW846 8260C	
Closed System Purge and Trap	TAL EDI		SW846 5035
Semivolatile Organic Compounds (GC/MS)	TAL EDI	SW846 8270D	
Microwave Extraction	TAL EDI		SW846 3546
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL EDI	SW846 8082A	
Microwave Extraction	TAL EDI		SW846 3546
New Jersey - Total petroleum Hydrocarbons (GC)	TAL EDI	NJDEP NJ-OQA-QAM-025	
Microwave Extraction	TAL EDI		SW846 3546
Percent Moisture	TAL EDI	EPA Moisture	
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL EDI	SW846 8260C	
Purge and Trap	TAL EDI		SW846 5030C
Semivolatile Organic Compounds (GC/MS)	TAL EDI	SW846 8270D	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL EDI	SW846 8082A	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
New Jersey - Total petroleum Hydrocarbons (GC)	TAL EDI	NJDEP NJ-OQA-QAM-025	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C

Lab References:

TAL EDI = TestAmerica Edison

Method References:

EPA = US Environmental Protection Agency

NJDEP = New Jersey Department of Environmental Protection

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Antea USA, Inc. Job Number: 460-104194-1

Method	Analyst	Analyst ID
SW846 8260C	Boykin, Kenneth	KLB
SW846 8260C	Martinez, Eddie	EMM
SW846 8260C	Starzec, Margaret	MZS
SW846 8270D	Crocco, Michael	MMC
SW846 8270D	Zhao, Chunxin	CAZ
SW846 8082A	Patel, Jignesh	JHP
NJDEP NJ-OQA-QAM-025	Nimer, Diaa	DAN
EPA Moisture	Armbruster, Chris	CJA

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: **PRA-25S_1.75**

Lab Sample ID: 460-104194-1 Date Sampled: 11/06/2015 1245
Client Matrix: Solid % Moisture: 6.8 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16324.D
Dilution:	1.0			Initial Weight/Volume:	4.816 g
Analysis Date:	11/10/2015 0407			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1142				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.42	U	0.42	1.1
Bromomethane		0.36	U	0.36	1.1
Vinyl chloride		0.43	U	0.43	1.1
Chloroethane		0.39	U	0.39	1.1
Methylene Chloride		1.4		0.36	1.1
Acetone		10		1.2	5.6
Carbon disulfide		0.48	U	0.48	1.1
Trichlorofluoromethane		0.38	U	0.38	1.1
1,1-Dichloroethene		0.46	U	0.46	1.1
1,1-Dichloroethane		0.38	U	0.38	1.1
trans-1,2-Dichloroethene		0.43	U	0.43	1.1
cis-1,2-Dichloroethene		0.25	U	0.25	1.1
Chloroform		0.23	U	0.23	1.1
2-Butanone		0.86	U	0.86	5.6
1,2-Dichloroethane		0.12	U	0.12	1.1
1,1,1-Trichloroethane		0.42	U	0.42	1.1
Carbon tetrachloride		0.48	U	0.48	1.1
Benzene		0.22	U	0.22	1.1
Bromoform		0.14	U	0.14	1.1
Styrene		0.17	U	0.17	1.1
Ethylbenzene		0.20	U	0.20	1.1
Chlorobenzene		0.16	U	0.16	1.1
Cyclohexane		0.51	U	0.51	1.1
Isopropylbenzene		0.19	U	0.19	1.1
2-Hexanone		1.0	U	1.0	5.6
MTBE		0.19	U	0.19	1.1
Freon TF		0.49	U	0.49	1.1
Methyl acetate		1.6	J	1.0	5.6
1,4-Dioxane		7.1	U	7.1	22
Trichloroethene		0.29	U	0.29	1.1
Toluene		0.21	U	0.21	1.1
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
4-Methyl-2-pentanone		2.5	U	2.5	5.6
cis-1,3-Dichloropropene		0.17	U	0.17	1.1
1,2-Dichlorobenzene		0.16	U	0.16	1.1
1,3-Dichlorobenzene		0.13	U	0.13	1.1
1,4-Dichlorobenzene		0.14	U	0.14	1.1
1,2,4-Trichlorobenzene		0.36	U	0.36	1.1
1,2,3-Trichlorobenzene		0.12	U	0.12	1.1
1,2-Dichloropropane		0.19	U	0.19	1.1
Methylcyclohexane		0.56	U	0.56	1.1
Tetrachloroethene		0.31	U	0.31	1.1
Xylenes, Total		0.12	U	0.12	2.2
1,2-Dibromo-3-Chloropropane		0.52	U	0.52	1.1
1,1,2,2-Tetrachloroethane		0.19	U	0.19	1.1
1,1,2-Trichloroethane		0.31	U	0.31	1.1

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-25S_1.75

Lab Sample ID: 460-104194-1 Date Sampled: 11/06/2015 1245
Client Matrix: Solid % Moisture: 6.8 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16324.D
Dilution:	1.0			Initial Weight/Volume:	4.816 g
Analysis Date:	11/10/2015 0407			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1142				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.17	U	0.17	1.1
1,2-Dibromoethane		0.13	U	0.13	1.1
Dichlorodifluoromethane		0.36	U	0.36	1.1
Bromochloromethane		0.19	U	0.19	1.1
Bromodichloromethane		0.42	U	0.42	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		78 - 135
Toluene-d8 (Surr)	101		73 - 121
Bromofluorobenzene	107		67 - 126
Dibromofluoromethane (Surr)	108		61 - 149

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: **PRA-25S_1.75**

Lab Sample ID: 460-104194-1 Date Sampled: 11/06/2015 1245
Client Matrix: Solid % Moisture: 6.8 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16324.D
Dilution:	1.0			Initial Weight/Volume:	4.816 g
Analysis Date:	11/10/2015 0407			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1142				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: **PRA-25S-3.75**

Lab Sample ID: 460-104194-2 Date Sampled: 11/06/2015 1247
Client Matrix: Solid % Moisture: 5.1 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16325.D
Dilution:	1.0			Initial Weight/Volume:	5.025 g
Analysis Date:	11/10/2015 0432			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1142				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.40	U	0.40	1.0
Bromomethane		0.34	U	0.34	1.0
Vinyl chloride		0.41	U	0.41	1.0
Chloroethane		0.37	U	0.37	1.0
Methylene Chloride		0.34	U	0.34	1.0
Acetone		1.1	U	1.1	5.2
Carbon disulfide		0.45	U	0.45	1.0
Trichlorofluoromethane		0.36	U	0.36	1.0
1,1-Dichloroethene		0.43	U	0.43	1.0
1,1-Dichloroethane		0.36	U	0.36	1.0
trans-1,2-Dichloroethene		0.41	U	0.41	1.0
cis-1,2-Dichloroethene		0.23	U	0.23	1.0
Chloroform		0.22	U	0.22	1.0
2-Butanone		0.81	U	0.81	5.2
1,2-Dichloroethane		0.12	U	0.12	1.0
1,1,1-Trichloroethane		0.40	U	0.40	1.0
Carbon tetrachloride		0.45	U	0.45	1.0
Benzene		0.21	U	0.21	1.0
Bromoform		0.14	U	0.14	1.0
Styrene		0.16	U	0.16	1.0
Ethylbenzene		0.19	U	0.19	1.0
Chlorobenzene		0.15	U	0.15	1.0
Cyclohexane		0.48	U	0.48	1.0
Isopropylbenzene		0.18	U	0.18	1.0
2-Hexanone		0.99	U	0.99	5.2
MTBE		0.18	U	0.18	1.0
Freon TF		0.46	U	0.46	1.0
Methyl acetate		0.94	U	0.94	5.2
1,4-Dioxane		6.7	U	6.7	21
Trichloroethene		0.27	U	0.27	1.0
Toluene		0.20	U	0.20	1.0
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
4-Methyl-2-pentanone		2.3	U	2.3	5.2
cis-1,3-Dichloropropene		0.16	U	0.16	1.0
1,2-Dichlorobenzene		0.15	U	0.15	1.0
1,3-Dichlorobenzene		0.13	U	0.13	1.0
1,4-Dichlorobenzene		0.14	U	0.14	1.0
1,2,4-Trichlorobenzene		0.34	U	0.34	1.0
1,2,3-Trichlorobenzene		0.12	U	0.12	1.0
1,2-Dichloropropane		0.18	U	0.18	1.0
Methylcyclohexane		0.52	U	0.52	1.0
Tetrachloroethene		0.29	U	0.29	1.0
Xylenes, Total		0.12	U	0.12	2.1
1,2-Dibromo-3-Chloropropane		0.49	U	0.49	1.0
1,1,2,2-Tetrachloroethane		0.18	U	0.18	1.0
1,1,2-Trichloroethane		0.29	U	0.29	1.0

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-25S-3.75

Lab Sample ID: 460-104194-2 Date Sampled: 11/06/2015 1247
Client Matrix: Solid % Moisture: 5.1 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16325.D
Dilution:	1.0			Initial Weight/Volume:	5.025 g
Analysis Date:	11/10/2015 0432			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1142				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.16	U	0.16	1.0
1,2-Dibromoethane		0.13	U	0.13	1.0
Dichlorodifluoromethane		0.34	U	0.34	1.0
Bromochloromethane		0.18	U	0.18	1.0
Bromodichloromethane		0.40	U	0.40	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		78 - 135
Toluene-d8 (Surr)	90		73 - 121
Bromofluorobenzene	96		67 - 126
Dibromofluoromethane (Surr)	103		61 - 149

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-25S-3.75

Lab Sample ID: 460-104194-2 Date Sampled: 11/06/2015 1247
Client Matrix: Solid % Moisture: 5.1 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16325.D
Dilution:	1.0			Initial Weight/Volume:	5.025 g
Analysis Date:	11/10/2015 0432			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1142				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client Sample ID: **PRA-25S 8.25**

Lab Sample ID: 460-104194-3 Date Sampled: 11/06/2015 1249
Client Matrix: Solid % Moisture: 4.3 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16326.D
Dilution:	1.0			Initial Weight/Volume:	5.284 g
Analysis Date:	11/10/2015 0456			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1143				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.38	U	0.38	0.99
Bromomethane		0.32	U	0.32	0.99
Vinyl chloride		0.39	U	0.39	0.99
Chloroethane		0.35	U	0.35	0.99
Methylene Chloride		0.32	U	0.32	0.99
Acetone		4.3	J	1.0	4.9
Carbon disulfide		0.43	U	0.43	0.99
Trichlorofluoromethane		0.34	U	0.34	0.99
1,1-Dichloroethene		0.41	U	0.41	0.99
1,1-Dichloroethane		0.34	U	0.34	0.99
trans-1,2-Dichloroethene		0.39	U	0.39	0.99
cis-1,2-Dichloroethene		0.22	U	0.22	0.99
Chloroform		0.21	U	0.21	0.99
2-Butanone		0.76	U	0.76	4.9
1,2-Dichloroethane		0.11	U	0.11	0.99
1,1,1-Trichloroethane		0.38	U	0.38	0.99
Carbon tetrachloride		0.43	U	0.43	0.99
Benzene		0.20	U	0.20	0.99
Bromoform		0.13	U	0.13	0.99
Styrene		0.15	U	0.15	0.99
Ethylbenzene		0.18	U	0.18	0.99
Chlorobenzene		0.14	U	0.14	0.99
Cyclohexane		0.45	U	0.45	0.99
Isopropylbenzene		0.17	U	0.17	0.99
2-Hexanone		0.93	U	0.93	4.9
MTBE		0.17	U	0.17	0.99
Freon TF		0.43	U	0.43	0.99
Methyl acetate		0.89	U	0.89	4.9
1,4-Dioxane		6.3	U	6.3	20
Trichloroethene		0.26	U	0.26	0.99
Toluene		0.19	U	0.19	0.99
trans-1,3-Dichloropropene		0.099	U	0.099	0.99
4-Methyl-2-pentanone		2.2	U	2.2	4.9
cis-1,3-Dichloropropene		0.15	U	0.15	0.99
1,2-Dichlorobenzene		0.14	U	0.14	0.99
1,3-Dichlorobenzene		0.12	U	0.12	0.99
1,4-Dichlorobenzene		0.13	U	0.13	0.99
1,2,4-Trichlorobenzene		0.32	U	0.32	0.99
1,2,3-Trichlorobenzene		0.19	J	0.11	0.99
1,2-Dichloropropane		0.17	U	0.17	0.99
Methylcyclohexane		0.49	U	0.49	0.99
Tetrachloroethene		0.28	U	0.28	0.99
Xylenes, Total		0.11	U	0.11	2.0
1,2-Dibromo-3-Chloropropane		0.46	U	0.46	0.99
1,1,2,2-Tetrachloroethane		0.17	U	0.17	0.99
1,1,2-Trichloroethane		0.28	U	0.28	0.99

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-25S 8.25

Lab Sample ID: 460-104194-3 Date Sampled: 11/06/2015 1249
Client Matrix: Solid % Moisture: 4.3 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16326.D
Dilution:	1.0			Initial Weight/Volume:	5.284 g
Analysis Date:	11/10/2015 0456			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1143				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.15	U	0.15	0.99
1,2-Dibromoethane		0.12	U	0.12	0.99
Dichlorodifluoromethane		0.32	U	0.32	0.99
Bromochloromethane		0.17	U	0.17	0.99
Bromodichloromethane		0.38	U	0.38	0.99

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	125		78 - 135
Toluene-d8 (Surr)	107		73 - 121
Bromofluorobenzene	113		67 - 126
Dibromofluoromethane (Surr)	121		61 - 149

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-25S 8.25

Lab Sample ID: 460-104194-3 Date Sampled: 11/06/2015 1249
Client Matrix: Solid % Moisture: 4.3 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16326.D
Dilution:	1.0			Initial Weight/Volume:	5.284 g
Analysis Date:	11/10/2015 0456			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1143				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client Sample ID: **PRA-25S 11.25**

Lab Sample ID: 460-104194-4 Date Sampled: 11/06/2015 1251
Client Matrix: Solid % Moisture: 13.0 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16327.D
Dilution:	1.0			Initial Weight/Volume:	6.274 g
Analysis Date:	11/10/2015 0521			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1143				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.35	U	0.35	0.92
Bromomethane		0.29	U	0.29	0.92
Vinyl chloride		0.36	U	0.36	0.92
Chloroethane		0.32	U	0.32	0.92
Methylene Chloride		0.29	U	0.29	0.92
Acetone		11		0.97	4.6
Carbon disulfide		0.39	U	0.39	0.92
Trichlorofluoromethane		0.31	U	0.31	0.92
1,1-Dichloroethene		0.38	U	0.38	0.92
1,1-Dichloroethane		0.31	U	0.31	0.92
trans-1,2-Dichloroethene		0.36	U	0.36	0.92
cis-1,2-Dichloroethene		0.20	U	0.20	0.92
Chloroform		0.19	U	0.19	0.92
2-Butanone		0.71	U	0.71	4.6
1,2-Dichloroethane		0.10	U	0.10	0.92
1,1,1-Trichloroethane		0.35	U	0.35	0.92
Carbon tetrachloride		0.39	U	0.39	0.92
Benzene		0.18	U	0.18	0.92
Bromoform		0.12	U	0.12	0.92
Styrene		0.14	U	0.14	0.92
Ethylbenzene		0.16	U	0.16	0.92
Chlorobenzene		0.13	U	0.13	0.92
Cyclohexane		0.42	U	0.42	0.92
Isopropylbenzene		0.16	U	0.16	0.92
2-Hexanone		0.86	U	0.86	4.6
MTBE		0.16	U	0.16	0.92
Freon TF		0.40	U	0.40	0.92
Methyl acetate		0.82	U	0.82	4.6
1,4-Dioxane		5.9	U	5.9	18
Trichloroethene		0.24	U	0.24	0.92
Toluene		0.21	J	0.17	0.92
trans-1,3-Dichloropropene		0.092	U	0.092	0.92
4-Methyl-2-pentanone		2.0	U	2.0	4.6
cis-1,3-Dichloropropene		0.14	U	0.14	0.92
1,2-Dichlorobenzene		0.13	U	0.13	0.92
1,3-Dichlorobenzene		0.11	U	0.11	0.92
1,4-Dichlorobenzene		0.12	U	0.12	0.92
1,2,4-Trichlorobenzene		0.29	U	0.29	0.92
1,2,3-Trichlorobenzene		0.10	U	0.10	0.92
1,2-Dichloropropane		0.16	U	0.16	0.92
Methylcyclohexane		0.46	U	0.46	0.92
Tetrachloroethene		0.26	U	0.26	0.92
Xylenes, Total		0.10	U	0.10	1.8
1,2-Dibromo-3-Chloropropane		0.43	U	0.43	0.92
1,1,2,2-Tetrachloroethane		0.16	U	0.16	0.92
1,1,2-Trichloroethane		0.26	U	0.26	0.92

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-25S 11.25

Lab Sample ID: 460-104194-4 Date Sampled: 11/06/2015 1251
Client Matrix: Solid % Moisture: 13.0 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16327.D
Dilution:	1.0			Initial Weight/Volume:	6.274 g
Analysis Date:	11/10/2015 0521			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1143				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.14	U	0.14	0.92
1,2-Dibromoethane		0.11	U	0.11	0.92
Dichlorodifluoromethane		0.29	U	0.29	0.92
Bromochloromethane		0.16	U	0.16	0.92
Bromodichloromethane		0.35	U	0.35	0.92

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		78 - 135
Toluene-d8 (Surr)	102		73 - 121
Bromofluorobenzene	109		67 - 126
Dibromofluoromethane (Surr)	118		61 - 149

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-25S 11.25

Lab Sample ID: 460-104194-4 Date Sampled: 11/06/2015 1251
Client Matrix: Solid % Moisture: 13.0 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16327.D
Dilution:	1.0			Initial Weight/Volume:	6.274 g
Analysis Date:	11/10/2015 0521			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1143				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
493-02-7	Naphthalene, decahydro-, trans-	11.30	7.1	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.95	6.4	J N
	Unknown	12.28	8.3	J
	Unknown	12.77	7.1	J
	Unknown	12.87	8.7	J
629-50-5	Tridecane	13.17	6.5	J N
3891-98-3	Dodecane, 2,6,10-trimethyl-	14.19	10	J N
	Unknown	15.03	10	J
112-40-3	Dodecane	15.60	15	J N
	Unknown	16.13	7.9	J

Client Sample ID: **PRA-23 NW**

Lab Sample ID: 460-104194-5 Date Sampled: 11/06/2015 0830
Client Matrix: Solid % Moisture: 9.4 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16328.D
Dilution:	1.0			Initial Weight/Volume:	4.065 g
Analysis Date:	11/10/2015 0545			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1143				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.52	U	0.52	1.4
Bromomethane		0.43	U	0.43	1.4
Vinyl chloride		0.53	U	0.53	1.4
Chloroethane		0.48	U	0.48	1.4
Methylene Chloride		0.43	U	0.43	1.4
Acetone		1.4	U	1.4	6.8
Carbon disulfide		0.58	U	0.58	1.4
Trichlorofluoromethane		0.46	U	0.46	1.4
1,1-Dichloroethene		0.56	U	0.56	1.4
1,1-Dichloroethane		0.46	U	0.46	1.4
trans-1,2-Dichloroethene		0.53	U	0.53	1.4
cis-1,2-Dichloroethene		0.30	U	0.30	1.4
Chloroform		0.29	U	0.29	1.4
2-Butanone		1.0	U	1.0	6.8
1,2-Dichloroethane		0.15	U	0.15	1.4
1,1,1-Trichloroethane		0.52	U	0.52	1.4
Carbon tetrachloride		0.58	U	0.58	1.4
Benzene		0.27	U	0.27	1.4
Bromoform		0.18	U	0.18	1.4
Styrene		0.20	U	0.20	1.4
Ethylbenzene		0.24	U	0.24	1.4
Chlorobenzene		0.19	U	0.19	1.4
Cyclohexane		0.62	U	0.62	1.4
Isopropylbenzene		0.23	U	0.23	1.4
2-Hexanone		1.3	U	1.3	6.8
MTBE		0.23	U	0.23	1.4
Freon TF		0.60	U	0.60	1.4
Methyl acetate		1.2	U	1.2	6.8
1,4-Dioxane		8.7	U	8.7	27
Trichloroethene		0.35	U	0.35	1.4
Toluene		0.26	U	0.26	1.4
trans-1,3-Dichloropropene		0.14	U	0.14	1.4
4-Methyl-2-pentanone		3.0	U	3.0	6.8
cis-1,3-Dichloropropene		0.20	U	0.20	1.4
1,2-Dichlorobenzene		0.19	U	0.19	1.4
1,3-Dichlorobenzene		0.16	U	0.16	1.4
1,4-Dichlorobenzene		0.18	U	0.18	1.4
1,2,4-Trichlorobenzene		0.43	U	0.43	1.4
1,2,3-Trichlorobenzene		0.15	U	0.15	1.4
1,2-Dichloropropane		0.23	U	0.23	1.4
Methylcyclohexane		0.68	U	0.68	1.4
Tetrachloroethene		0.38	U	0.38	1.4
Xylenes, Total		0.15	U	0.15	2.7
1,2-Dibromo-3-Chloropropane		0.64	U	0.64	1.4
1,1,2,2-Tetrachloroethane		0.23	U	0.23	1.4
1,1,2-Trichloroethane		0.38	U	0.38	1.4

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-23 NW

Lab Sample ID: 460-104194-5 Date Sampled: 11/06/2015 0830
Client Matrix: Solid % Moisture: 9.4 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16328.D
Dilution:	1.0			Initial Weight/Volume:	4.065 g
Analysis Date:	11/10/2015 0545			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1143				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.20	U	0.20	1.4
1,2-Dibromoethane		0.16	U	0.16	1.4
Dichlorodifluoromethane		0.43	U	0.43	1.4
Bromochloromethane		0.23	U	0.23	1.4
Bromodichloromethane		0.52	U	0.52	1.4

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		78 - 135
Toluene-d8 (Surr)	94		73 - 121
Bromofluorobenzene	102		67 - 126
Dibromofluoromethane (Surr)	107		61 - 149

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-23 NW

Lab Sample ID: 460-104194-5 Date Sampled: 11/06/2015 0830
Client Matrix: Solid % Moisture: 9.4 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16328.D
Dilution:	1.0			Initial Weight/Volume:	4.065 g
Analysis Date:	11/10/2015 0545			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1143				

Tentatively Identified Compounds **Number TIC's Found: 1**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
2958-76-1	Naphthalene, decahydro-2-methyl-	11.95	9.7	J N

Client Sample ID: **PRA-18 S**

Lab Sample ID: 460-104194-6 Date Sampled: 11/06/2015 1055
Client Matrix: Solid % Moisture: 4.7 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16329.D
Dilution:	1.0			Initial Weight/Volume:	6.203 g
Analysis Date:	11/10/2015 0610			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1144				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.32	U	0.32	0.85
Bromomethane		0.27	U	0.27	0.85
Vinyl chloride		0.33	U	0.33	0.85
Chloroethane		0.30	U	0.30	0.85
Methylene Chloride		2.3		0.27	0.85
Acetone		16		0.90	4.2
Carbon disulfide		0.36	U	0.36	0.85
Trichlorofluoromethane		0.29	U	0.29	0.85
1,1-Dichloroethene		0.35	U	0.35	0.85
1,1-Dichloroethane		0.29	U	0.29	0.85
trans-1,2-Dichloroethene		0.33	U	0.33	0.85
cis-1,2-Dichloroethene		0.19	U	0.19	0.85
Chloroform		0.18	U	0.18	0.85
2-Butanone		0.65	U	0.65	4.2
1,2-Dichloroethane		0.093	U	0.093	0.85
1,1,1-Trichloroethane		0.32	U	0.32	0.85
Carbon tetrachloride		0.36	U	0.36	0.85
Benzene		0.17	U	0.17	0.85
Bromoform		0.11	U	0.11	0.85
Styrene		0.13	U	0.13	0.85
Ethylbenzene		0.15	U	0.15	0.85
Chlorobenzene		0.12	U	0.12	0.85
Cyclohexane		0.39	U	0.39	0.85
Isopropylbenzene		0.14	U	0.14	0.85
2-Hexanone		0.79	U	0.79	4.2
MTBE		0.14	U	0.14	0.85
Freon TF		0.37	U	0.37	0.85
Methyl acetate		2.2	J	0.76	4.2
1,4-Dioxane		5.4	U	5.4	17
Trichloroethene		0.32	J	0.22	0.85
Toluene		0.42	J	0.16	0.85
trans-1,3-Dichloropropene		0.085	U	0.085	0.85
4-Methyl-2-pentanone		1.9	U	1.9	4.2
cis-1,3-Dichloropropene		0.13	U	0.13	0.85
1,2-Dichlorobenzene		0.12	U	0.12	0.85
1,3-Dichlorobenzene		0.10	U	0.10	0.85
1,4-Dichlorobenzene		0.11	U	0.11	0.85
1,2,4-Trichlorobenzene		0.28	J	0.27	0.85
1,2,3-Trichlorobenzene		0.093	U	0.093	0.85
1,2-Dichloropropane		0.14	U	0.14	0.85
Methylcyclohexane		0.42	U	0.42	0.85
Tetrachloroethene		0.24	U	0.24	0.85
Xylenes, Total		0.093	U	0.093	1.7
1,2-Dibromo-3-Chloropropane		0.40	U	0.40	0.85
1,1,2,2-Tetrachloroethane		0.14	U	0.14	0.85
1,1,2-Trichloroethane		0.24	U	0.24	0.85

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-18 S

Lab Sample ID: 460-104194-6 Date Sampled: 11/06/2015 1055
Client Matrix: Solid % Moisture: 4.7 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16329.D
Dilution:	1.0			Initial Weight/Volume:	6.203 g
Analysis Date:	11/10/2015 0610			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1144				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.13	U	0.13	0.85
1,2-Dibromoethane		0.10	U	0.10	0.85
Dichlorodifluoromethane		0.27	U	0.27	0.85
Bromochloromethane		0.14	U	0.14	0.85
Bromodichloromethane		0.32	U	0.32	0.85

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		78 - 135
Toluene-d8 (Surr)	90		73 - 121
Bromofluorobenzene	97		67 - 126
Dibromofluoromethane (Surr)	102		61 - 149

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-18 S

Lab Sample ID: 460-104194-6 Date Sampled: 11/06/2015 1055
Client Matrix: Solid % Moisture: 4.7 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16329.D
Dilution:	1.0			Initial Weight/Volume:	6.203 g
Analysis Date:	11/10/2015 0610			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1144				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client Sample ID: **PRA-10 W**

Lab Sample ID: 460-104194-7 Date Sampled: 11/06/2015 1014
Client Matrix: Solid % Moisture: 4.5 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16330.D
Dilution:	1.0			Initial Weight/Volume:	5.43 g
Analysis Date:	11/10/2015 0634			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1144				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.37	U	0.37	0.96
Bromomethane		0.31	U	0.31	0.96
Vinyl chloride		0.38	U	0.38	0.96
Chloroethane		0.34	U	0.34	0.96
Methylene Chloride		0.31	U	0.31	0.96
Acetone		3.7	J	1.0	4.8
Carbon disulfide		0.41	U	0.41	0.96
Trichlorofluoromethane		0.33	U	0.33	0.96
1,1-Dichloroethene		0.40	U	0.40	0.96
1,1-Dichloroethane		0.33	U	0.33	0.96
trans-1,2-Dichloroethene		0.38	U	0.38	0.96
cis-1,2-Dichloroethene		0.21	U	0.21	0.96
Chloroform		0.20	U	0.20	0.96
2-Butanone		0.74	U	0.74	4.8
1,2-Dichloroethane		0.11	U	0.11	0.96
1,1,1-Trichloroethane		0.37	U	0.37	0.96
Carbon tetrachloride		0.41	U	0.41	0.96
Benzene		0.19	U	0.19	0.96
Bromoform		0.13	U	0.13	0.96
Styrene		0.14	U	0.14	0.96
Ethylbenzene		0.17	U	0.17	0.96
Chlorobenzene		0.14	U	0.14	0.96
Cyclohexane		0.44	U	0.44	0.96
Isopropylbenzene		0.16	U	0.16	0.96
2-Hexanone		0.91	U	0.91	4.8
MTBE		0.16	U	0.16	0.96
Freon TF		0.42	U	0.42	0.96
Methyl acetate		0.87	U	0.87	4.8
1,4-Dioxane		6.2	U	6.2	19
Trichloroethene		0.25	U	0.25	0.96
Toluene		0.18	U	0.18	0.96
trans-1,3-Dichloropropene		0.096	U	0.096	0.96
4-Methyl-2-pentanone		2.1	U	2.1	4.8
cis-1,3-Dichloropropene		0.14	U	0.14	0.96
1,2-Dichlorobenzene		0.14	U	0.14	0.96
1,3-Dichlorobenzene		0.12	U	0.12	0.96
1,4-Dichlorobenzene		0.33	J	0.13	0.96
1,2,4-Trichlorobenzene		0.91	J	0.31	0.96
1,2,3-Trichlorobenzene		0.11	U	0.11	0.96
1,2-Dichloropropane		0.16	U	0.16	0.96
Methylcyclohexane		0.48	U	0.48	0.96
Tetrachloroethene		0.27	U	0.27	0.96
Xylenes, Total		0.11	U	0.11	1.9
1,2-Dibromo-3-Chloropropane		0.45	U	0.45	0.96
1,1,2,2-Tetrachloroethane		0.16	U	0.16	0.96
1,1,2-Trichloroethane		0.27	U	0.27	0.96

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-10 W

Lab Sample ID: 460-104194-7 Date Sampled: 11/06/2015 1014
Client Matrix: Solid % Moisture: 4.5 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16330.D
Dilution:	1.0			Initial Weight/Volume:	5.43 g
Analysis Date:	11/10/2015 0634			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1144				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.14	U	0.14	0.96
1,2-Dibromoethane		0.12	U	0.12	0.96
Dichlorodifluoromethane		0.31	U	0.31	0.96
Bromochloromethane		0.16	U	0.16	0.96
Bromodichloromethane		0.37	U	0.37	0.96

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		78 - 135
Toluene-d8 (Surr)	91		73 - 121
Bromofluorobenzene	98		67 - 126
Dibromofluoromethane (Surr)	103		61 - 149

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-10 W

Lab Sample ID: 460-104194-7 Date Sampled: 11/06/2015 1014
Client Matrix: Solid % Moisture: 4.5 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16330.D
Dilution:	1.0			Initial Weight/Volume:	5.43 g
Analysis Date:	11/10/2015 0634			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1144				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	11.30	25	J
1074-17-5	Benzene, 1-methyl-2-propyl-	11.44	10	J N
	Unknown	11.68	17	J
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.94	18	J N
99-87-6	Benzene, 1-methyl-4-(1-methylethyl)-	12.31	17	J N
	Unknown	12.43	10	J
	Unknown	13.39	9.7	J
54340-87-3	1H-Indene, 2,3-dihydro-1,4,7-trimethyl-	13.88	14	J N
	Unknown	14.10	9.5	J
	Unknown	15.02	11	J

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: **PRA-18-SE**

Lab Sample ID: 460-104194-8 Date Sampled: 11/06/2015 1020
Client Matrix: Solid % Moisture: 4.5 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16331.D
Dilution:	1.0			Initial Weight/Volume:	5.291 g
Analysis Date:	11/10/2015 0659			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1145				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.38	U	0.38	0.99
Bromomethane		0.32	U	0.32	0.99
Vinyl chloride		0.39	U	0.39	0.99
Chloroethane		0.35	U	0.35	0.99
Methylene Chloride		0.32	U	0.32	0.99
Acetone		24		1.0	4.9
Carbon disulfide		0.43	U	0.43	0.99
Trichlorofluoromethane		0.34	U	0.34	0.99
1,1-Dichloroethene		0.41	U	0.41	0.99
1,1-Dichloroethane		0.34	U	0.34	0.99
trans-1,2-Dichloroethene		0.39	U	0.39	0.99
cis-1,2-Dichloroethene		0.22	U	0.22	0.99
Chloroform		0.21	U	0.21	0.99
2-Butanone		0.76	U	0.76	4.9
1,2-Dichloroethane		0.11	U	0.11	0.99
1,1,1-Trichloroethane		0.38	U	0.38	0.99
Carbon tetrachloride		0.43	U	0.43	0.99
Benzene		0.20	U	0.20	0.99
Bromoform		0.13	U	0.13	0.99
Styrene		0.15	U	0.15	0.99
Ethylbenzene		0.18	U	0.18	0.99
Chlorobenzene		0.14	U	0.14	0.99
Cyclohexane		0.46	U	0.46	0.99
Isopropylbenzene		0.17	U	0.17	0.99
2-Hexanone		0.93	U	0.93	4.9
MTBE		0.17	U	0.17	0.99
Freon TF		0.44	U	0.44	0.99
Methyl acetate		0.89	U	0.89	4.9
1,4-Dioxane		6.3	U	6.3	20
Trichloroethene		0.26	U	0.26	0.99
Toluene		0.19	U	0.19	0.99
trans-1,3-Dichloropropene		0.099	U	0.099	0.99
4-Methyl-2-pentanone		2.2	U	2.2	4.9
cis-1,3-Dichloropropene		0.15	U	0.15	0.99
1,2-Dichlorobenzene		0.14	U	0.14	0.99
1,3-Dichlorobenzene		0.12	U	0.12	0.99
1,4-Dichlorobenzene		0.52	J	0.13	0.99
1,2,4-Trichlorobenzene		0.64	J	0.32	0.99
1,2,3-Trichlorobenzene		0.11	U	0.11	0.99
1,2-Dichloropropane		0.17	U	0.17	0.99
Methylcyclohexane		0.49	U	0.49	0.99
Tetrachloroethene		0.28	U	0.28	0.99
Xylenes, Total		0.11	U	0.11	2.0
1,2-Dibromo-3-Chloropropane		0.47	U	0.47	0.99
1,1,2,2-Tetrachloroethane		0.17	U	0.17	0.99
1,1,2-Trichloroethane		0.28	U	0.28	0.99

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-18-SE

Lab Sample ID: 460-104194-8 Date Sampled: 11/06/2015 1020
Client Matrix: Solid % Moisture: 4.5 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16331.D
Dilution:	1.0			Initial Weight/Volume:	5.291 g
Analysis Date:	11/10/2015 0659			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1145				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.15	U	0.15	0.99
1,2-Dibromoethane		0.12	U	0.12	0.99
Dichlorodifluoromethane		0.32	U	0.32	0.99
Bromochloromethane		0.17	U	0.17	0.99
Bromodichloromethane		0.38	U	0.38	0.99

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	128		78 - 135
Toluene-d8 (Surr)	108		73 - 121
Bromofluorobenzene	118		67 - 126
Dibromofluoromethane (Surr)	126		61 - 149

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-18-SE

Lab Sample ID: 460-104194-8 Date Sampled: 11/06/2015 1020
Client Matrix: Solid % Moisture: 4.5 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16331.D
Dilution:	1.0			Initial Weight/Volume:	5.291 g
Analysis Date:	11/10/2015 0659			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1145				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client Sample ID: **PRA-18-NE**

Lab Sample ID: 460-104194-9 Date Sampled: 11/06/2015 1000
Client Matrix: Solid % Moisture: 5.7 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16332.D
Dilution:	1.0			Initial Weight/Volume:	5.789 g
Analysis Date:	11/10/2015 0724			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1145				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.35	U	0.35	0.92
Bromomethane		0.29	U	0.29	0.92
Vinyl chloride		0.36	U	0.36	0.92
Chloroethane		0.32	U	0.32	0.92
Methylene Chloride		0.29	U	0.29	0.92
Acetone		2.1	J	0.97	4.6
Carbon disulfide		0.39	U	0.39	0.92
Trichlorofluoromethane		0.31	U	0.31	0.92
1,1-Dichloroethene		0.38	U	0.38	0.92
1,1-Dichloroethane		0.31	U	0.31	0.92
trans-1,2-Dichloroethene		0.36	U	0.36	0.92
cis-1,2-Dichloroethene		0.20	U	0.20	0.92
Chloroform		0.19	U	0.19	0.92
2-Butanone		0.71	U	0.71	4.6
1,2-Dichloroethane		0.10	U	0.10	0.92
1,1,1-Trichloroethane		0.35	U	0.35	0.92
Carbon tetrachloride		0.39	U	0.39	0.92
Benzene		0.18	U	0.18	0.92
Bromoform		0.12	U	0.12	0.92
Styrene		0.14	U	0.14	0.92
Ethylbenzene		0.16	U	0.16	0.92
Chlorobenzene		0.13	U	0.13	0.92
Cyclohexane		0.42	U	0.42	0.92
Isopropylbenzene		0.16	U	0.16	0.92
2-Hexanone		0.86	U	0.86	4.6
MTBE		0.16	U	0.16	0.92
Freon TF		0.40	U	0.40	0.92
Methyl acetate		0.82	U	0.82	4.6
1,4-Dioxane		5.9	U	5.9	18
Trichloroethene		0.24	U	0.24	0.92
Toluene		0.17	U	0.17	0.92
trans-1,3-Dichloropropene		0.092	U	0.092	0.92
4-Methyl-2-pentanone		2.0	U	2.0	4.6
cis-1,3-Dichloropropene		0.14	U	0.14	0.92
1,2-Dichlorobenzene		0.13	U	0.13	0.92
1,3-Dichlorobenzene		0.11	U	0.11	0.92
1,4-Dichlorobenzene		0.12	U	0.12	0.92
1,2,4-Trichlorobenzene		0.29	U	0.29	0.92
1,2,3-Trichlorobenzene		0.10	U	0.10	0.92
1,2-Dichloropropane		0.16	U	0.16	0.92
Methylcyclohexane		0.46	U	0.46	0.92
Tetrachloroethene		0.26	U	0.26	0.92
Xylenes, Total		0.10	U	0.10	1.8
1,2-Dibromo-3-Chloropropane		0.43	U	0.43	0.92
1,1,2,2-Tetrachloroethane		0.16	U	0.16	0.92
1,1,2-Trichloroethane		0.26	U	0.26	0.92

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: **PRA-18-NE**

Lab Sample ID: 460-104194-9 Date Sampled: 11/06/2015 1000
Client Matrix: Solid % Moisture: 5.7 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16332.D
Dilution:	1.0			Initial Weight/Volume:	5.789 g
Analysis Date:	11/10/2015 0724			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1145				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.14	U	0.14	0.92
1,2-Dibromoethane		0.11	U	0.11	0.92
Dichlorodifluoromethane		0.29	U	0.29	0.92
Bromochloromethane		0.16	U	0.16	0.92
Bromodichloromethane		0.35	U	0.35	0.92

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		78 - 135
Toluene-d8 (Surr)	93		73 - 121
Bromofluorobenzene	98		67 - 126
Dibromofluoromethane (Surr)	109		61 - 149

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-18-NE

Lab Sample ID: 460-104194-9 Date Sampled: 11/06/2015 1000
Client Matrix: Solid % Moisture: 5.7 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16332.D
Dilution:	1.0			Initial Weight/Volume:	5.789 g
Analysis Date:	11/10/2015 0724			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1145				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client Sample ID: **PRA-20-N**

Lab Sample ID: 460-104194-10 Date Sampled: 11/06/2015 1125
Client Matrix: Solid % Moisture: 5.2 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16333.D
Dilution:	1.0			Initial Weight/Volume:	6.188 g
Analysis Date:	11/10/2015 0749			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1145				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.32	U	0.32	0.85
Bromomethane		0.27	U	0.27	0.85
Vinyl chloride		0.33	U	0.33	0.85
Chloroethane		0.30	U	0.30	0.85
Methylene Chloride		0.27	U	0.27	0.85
Acetone		6.2		0.90	4.3
Carbon disulfide		0.37	U	0.37	0.85
Trichlorofluoromethane		0.29	U	0.29	0.85
1,1-Dichloroethene		0.35	U	0.35	0.85
1,1-Dichloroethane		0.29	U	0.29	0.85
trans-1,2-Dichloroethene		0.33	U	0.33	0.85
cis-1,2-Dichloroethene		0.19	U	0.19	0.85
Chloroform		0.18	U	0.18	0.85
2-Butanone		0.66	U	0.66	4.3
1,2-Dichloroethane		0.094	U	0.094	0.85
1,1,1-Trichloroethane		0.32	U	0.32	0.85
Carbon tetrachloride		0.37	U	0.37	0.85
Benzene		0.17	U	0.17	0.85
Bromoform		0.11	U	0.11	0.85
Styrene		0.13	U	0.13	0.85
Ethylbenzene		0.15	U	0.15	0.85
Chlorobenzene		0.12	U	0.12	0.85
Cyclohexane		0.39	U	0.39	0.85
Isopropylbenzene		0.14	U	0.14	0.85
2-Hexanone		0.80	U	0.80	4.3
MTBE		0.14	U	0.14	0.85
Freon TF		0.38	U	0.38	0.85
Methyl acetate		0.77	U	0.77	4.3
1,4-Dioxane		5.4	U	5.4	17
Trichloroethene		0.22	U	0.22	0.85
Toluene		0.16	U	0.16	0.85
trans-1,3-Dichloropropene		0.085	U	0.085	0.85
4-Methyl-2-pentanone		1.9	U	1.9	4.3
cis-1,3-Dichloropropene		0.13	U	0.13	0.85
1,2-Dichlorobenzene		0.12	U	0.12	0.85
1,3-Dichlorobenzene		0.10	U	0.10	0.85
1,4-Dichlorobenzene		1.1		0.11	0.85
1,2,4-Trichlorobenzene		1.9		0.27	0.85
1,2,3-Trichlorobenzene		0.75	J	0.094	0.85
1,2-Dichloropropane		0.14	U	0.14	0.85
Methylcyclohexane		0.43	U	0.43	0.85
Tetrachloroethene		0.24	U	0.24	0.85
Xylenes, Total		0.094	U	0.094	1.7
1,2-Dibromo-3-Chloropropane		0.40	U	0.40	0.85
1,1,2,2-Tetrachloroethane		0.14	U	0.14	0.85
1,1,2-Trichloroethane		0.24	U	0.24	0.85

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: **PRA-20-N**

Lab Sample ID: 460-104194-10 Date Sampled: 11/06/2015 1125
Client Matrix: Solid % Moisture: 5.2 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16333.D
Dilution:	1.0			Initial Weight/Volume:	6.188 g
Analysis Date:	11/10/2015 0749			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1145				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.13	U	0.13	0.85
1,2-Dibromoethane		0.10	U	0.10	0.85
Dichlorodifluoromethane		0.27	U	0.27	0.85
Bromochloromethane		0.14	U	0.14	0.85
Bromodichloromethane		0.32	U	0.32	0.85

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		78 - 135
Toluene-d8 (Surr)	102		73 - 121
Bromofluorobenzene	110		67 - 126
Dibromofluoromethane (Surr)	117		61 - 149

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: **PRA-20-N**

Lab Sample ID: 460-104194-10 Date Sampled: 11/06/2015 1125
Client Matrix: Solid % Moisture: 5.2 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16333.D
Dilution:	1.0			Initial Weight/Volume:	6.188 g
Analysis Date:	11/10/2015 0749			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1145				

Tentatively Identified Compounds **Number TIC's Found: 6**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	13.01	4.7	J
	Unknown	13.48	5.6	J
	Unknown	13.73	5.4	J
	Unknown	14.48	5.4	J
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	15.02	29	J N
	Unknown	15.60	5.6	J

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PMP-15-NW2-WT

Lab Sample ID: 460-104194-11 Date Sampled: 11/06/2015 0918
Client Matrix: Solid % Moisture: 9.2 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334211	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333874	Lab File ID:	B89774.D
Dilution:	50			Initial Weight/Volume:	5.969 g
Analysis Date:	11/10/2015 0542			Final Weight/Volume:	10 mL
Prep Date:	11/07/2015 1154				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		20	U	20	92
Bromomethane		17	U	17	92
Vinyl chloride		18	U	18	92
Chloroethane		34	U	34	92
Methylene Chloride		19	U	19	92
Acetone		99	U	99	460
Carbon disulfide		20	U	20	92
Trichlorofluoromethane		14	U	14	92
1,1-Dichloroethene		31	U	31	92
1,1-Dichloroethane		22	U *	22	92
trans-1,2-Dichloroethene		17	U	17	92
cis-1,2-Dichloroethene		24	U	24	92
Chloroform		20	U	20	92
2-Butanone		200	U	200	460
1,2-Dichloroethane		23	U	23	92
1,1,1-Trichloroethane		26	U	26	92
Carbon tetrachloride		30	U	30	92
Benzene		18	U	18	92
Bromoform		17	U	17	92
Styrene		16	U	16	92
Ethylbenzene		28	U	28	92
Chlorobenzene		22	U	22	92
Cyclohexane		24	U	24	92
Isopropylbenzene		30	U	30	92
2-Hexanone		66	U	66	460
MTBE		12	U	12	92
Freon TF		31	U	31	92
Methyl acetate		54	U *	54	460
1,4-Dioxane		800	U *	800	2300
Trichloroethene		20	U	20	92
Toluene		23	U	23	92
trans-1,3-Dichloropropene		18	U	18	92
4-Methyl-2-pentanone		58	U	58	460
cis-1,3-Dichloropropene		15	U	15	92
1,2-Dichlorobenzene		34	J	20	92
1,3-Dichlorobenzene		30	U	30	92
1,4-Dichlorobenzene		64	J	30	92
1,2,4-Trichlorobenzene		6300		25	92
1,2,3-Trichlorobenzene		1400		32	92
1,2-Dichloropropane		17	U	17	92
Methylcyclohexane		20	U	20	92
Tetrachloroethene		340		33	92
Xylenes, Total		66	J	26	180
1,2-Dibromo-3-Chloropropane		21	U	21	92
1,1,2,2-Tetrachloroethane		18	U	18	92
1,1,2-Trichloroethane		7.4	U *	7.4	92

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PMP-15-NW2-WT

Lab Sample ID: 460-104194-11 Date Sampled: 11/06/2015 0918
Client Matrix: Solid % Moisture: 9.2 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334211	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333874	Lab File ID:	B89774.D
Dilution:	50			Initial Weight/Volume:	5.969 g
Analysis Date:	11/10/2015 0542			Final Weight/Volume:	10 mL
Prep Date:	11/07/2015 1154				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		20	U	20	92
1,2-Dibromoethane		18	U	18	92
Dichlorodifluoromethane		13	U	13	92
Bromochloromethane		28	U	28	92
Bromodichloromethane		14	U	14	92

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118		69 - 145
Toluene-d8 (Surr)	113		72 - 136
Bromofluorobenzene	111		64 - 131
Dibromofluoromethane (Surr)	121		74 - 134

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PMP-15-NW2-WT

Lab Sample ID: 460-104194-11 Date Sampled: 11/06/2015 0918
Client Matrix: Solid % Moisture: 9.2 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334211	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333874	Lab File ID:	B89774.D
Dilution:	50			Initial Weight/Volume:	5.969 g
Analysis Date:	11/10/2015 0542			Final Weight/Volume:	10 mL
Prep Date:	11/07/2015 1154				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
91-17-8	Naphthalene, decahydro-	10.80	16000	J N
	Unknown	11.22	10000	J
2958-76-1	Naphthalene, decahydro-2-methyl-	11.30	15000	J N
	Unknown	11.46	15000	J
13632-94-5	Benzene, 1,4-diethyl-2-methyl-	11.54	14000	J N
	Unknown	11.80	10000	J
	Unknown	11.90	22000	J
6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-	12.08	14000	J N
	Unknown	12.24	17000	J
2613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	12.92	12000	J N

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PMP-16-NW2-WT

Lab Sample ID: 460-104194-12 Date Sampled: 11/06/2015 0905
Client Matrix: Solid % Moisture: 5.4 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16334.D
Dilution:	1.0			Initial Weight/Volume:	6.108 g
Analysis Date:	11/10/2015 0813			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1146				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.33	U	0.33	0.86
Bromomethane		0.28	U	0.28	0.86
Vinyl chloride		0.34	U	0.34	0.86
Chloroethane		0.30	U	0.30	0.86
Methylene Chloride		0.28	U	0.28	0.86
Acetone		9.3		0.92	4.3
Carbon disulfide		0.37	U	0.37	0.86
Trichlorofluoromethane		0.29	U	0.29	0.86
1,1-Dichloroethene		0.35	U	0.35	0.86
1,1-Dichloroethane		0.29	U	0.29	0.86
trans-1,2-Dichloroethene		0.34	U	0.34	0.86
cis-1,2-Dichloroethene		0.19	U	0.19	0.86
Chloroform		0.18	U	0.18	0.86
2-Butanone		4.1	J	0.67	4.3
1,2-Dichloroethane		0.095	U	0.095	0.86
1,1,1-Trichloroethane		0.33	U	0.33	0.86
Carbon tetrachloride		0.37	U	0.37	0.86
Benzene		0.17	U	0.17	0.86
Bromoform		0.11	U	0.11	0.86
Styrene		0.13	U	0.13	0.86
Ethylbenzene		0.22	J	0.16	0.86
Chlorobenzene		0.12	U	0.12	0.86
Cyclohexane		0.40	U	0.40	0.86
Isopropylbenzene		0.15	U	0.15	0.86
2-Hexanone		0.81	U	0.81	4.3
MTBE		0.15	U	0.15	0.86
Freon TF		0.38	U	0.38	0.86
Methyl acetate		0.78	U	0.78	4.3
1,4-Dioxane		5.5	U	5.5	17
Trichloroethene		0.22	U	0.22	0.86
Toluene		0.18	J	0.16	0.86
trans-1,3-Dichloropropene		0.086	U	0.086	0.86
4-Methyl-2-pentanone		1.9	U	1.9	4.3
cis-1,3-Dichloropropene		0.13	U	0.13	0.86
1,2-Dichlorobenzene		0.12	U	0.12	0.86
1,3-Dichlorobenzene		1.8		0.10	0.86
1,4-Dichlorobenzene		24		0.11	0.86
1,2,4-Trichlorobenzene		0.28	U	0.28	0.86
1,2,3-Trichlorobenzene		0.095	U	0.095	0.86
1,2-Dichloropropane		0.15	U	0.15	0.86
Methylcyclohexane		8.4		0.43	0.86
Tetrachloroethene		0.85	J	0.24	0.86
Xylenes, Total		0.31	J	0.095	1.7
1,2-Dibromo-3-Chloropropane		0.41	U	0.41	0.86
1,1,2,2-Tetrachloroethane		0.15	U	0.15	0.86
1,1,2-Trichloroethane		0.24	U	0.24	0.86

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PMP-16-NW2-WT

Lab Sample ID: 460-104194-12 Date Sampled: 11/06/2015 0905
Client Matrix: Solid % Moisture: 5.4 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16334.D
Dilution:	1.0			Initial Weight/Volume:	6.108 g
Analysis Date:	11/10/2015 0813			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1146				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.13	U	0.13	0.86
1,2-Dibromoethane		0.10	U	0.10	0.86
Dichlorodifluoromethane		0.28	U	0.28	0.86
Bromochloromethane		0.15	U	0.15	0.86
Bromodichloromethane		0.33	U	0.33	0.86

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		78 - 135
Toluene-d8 (Surr)	103		73 - 121
Bromofluorobenzene	115		67 - 126
Dibromofluoromethane (Surr)	112		61 - 149

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PMP-16-NW2-WT

Lab Sample ID: 460-104194-12 Date Sampled: 11/06/2015 0905
Client Matrix: Solid % Moisture: 5.4 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16334.D
Dilution:	1.0			Initial Weight/Volume:	6.108 g
Analysis Date:	11/10/2015 0813			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1146				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
565-75-3	Pentane, 2,3,4-trimethyl-	7.33	83	J N
560-21-4	Pentane, 2,3,3-trimethyl-	7.46	120	J N
3073-66-3	Cyclohexane, 1,1,3-trimethyl-	8.84	86	J N
	Unknown	9.72	83	J
	Unknown	10.16	91	J
	Unknown	10.89	83	J
	Unknown	11.30	72	J
	Unknown	12.44	78	J
54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	12.76	90	J N
	Unknown	13.39	93	J

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PMP-19-NW2-WT

Lab Sample ID: 460-104194-15 Date Sampled: 11/06/2015 1115
Client Matrix: Solid % Moisture: 4.3 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334211	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333874	Lab File ID:	B89775.D
Dilution:	50			Initial Weight/Volume:	5.8 g
Analysis Date:	11/10/2015 0606			Final Weight/Volume:	10 mL
Prep Date:	11/07/2015 1154				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		20	U	20	90
Bromomethane		16	U	16	90
Vinyl chloride		18	U	18	90
Chloroethane		33	U	33	90
Methylene Chloride		19	U	19	90
Acetone		96	U	96	450
Carbon disulfide		20	U	20	90
Trichlorofluoromethane		14	U	14	90
1,1-Dichloroethene		31	U	31	90
1,1-Dichloroethane		22	U *	22	90
trans-1,2-Dichloroethene		16	U	16	90
cis-1,2-Dichloroethene		23	U	23	90
Chloroform		20	U	20	90
2-Butanone		200	U	200	450
1,2-Dichloroethane		23	U	23	90
1,1,1-Trichloroethane		25	U	25	90
Carbon tetrachloride		30	U	30	90
Benzene		17	U	17	90
Bromoform		16	U	16	90
Styrene		15	U	15	90
Ethylbenzene		27	U	27	90
Chlorobenzene		22	U	22	90
Cyclohexane		23	U	23	90
Isopropylbenzene		29	U	29	90
2-Hexanone		65	U	65	450
MTBE		12	U	12	90
Freon TF		31	U	31	90
Methyl acetate		52	U *	52	450
1,4-Dioxane		780	U *	780	2300
Trichloroethene		20	U	20	90
Toluene		23	U	23	90
trans-1,3-Dichloropropene		17	U	17	90
4-Methyl-2-pentanone		57	U	57	450
cis-1,3-Dichloropropene		14	U	14	90
1,2-Dichlorobenzene		20	U	20	90
1,3-Dichlorobenzene		30	U	30	90
1,4-Dichlorobenzene		200		30	90
1,2,4-Trichlorobenzene		380		24	90
1,2,3-Trichlorobenzene		32	U	32	90
1,2-Dichloropropane		16	U	16	90
Methylcyclohexane		20	U	20	90
Tetrachloroethene		32	U	32	90
Xylenes, Total		160	J	25	180
1,2-Dibromo-3-Chloropropane		21	U	21	90
1,1,2,2-Tetrachloroethane		17	U	17	90
1,1,2-Trichloroethane		7.2	U *	7.2	90

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PMP-19-NW2-WT

Lab Sample ID: 460-104194-15 Date Sampled: 11/06/2015 1115
Client Matrix: Solid % Moisture: 4.3 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334211	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333874	Lab File ID:	B89775.D
Dilution:	50			Initial Weight/Volume:	5.8 g
Analysis Date:	11/10/2015 0606			Final Weight/Volume:	10 mL
Prep Date:	11/07/2015 1154				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		20	U	20	90
1,2-Dibromoethane		17	U	17	90
Dichlorodifluoromethane		13	U	13	90
Bromochloromethane		27	U	27	90
Bromodichloromethane		14	U	14	90

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	124		69 - 145
Toluene-d8 (Surr)	121		72 - 136
Bromofluorobenzene	113		64 - 131
Dibromofluoromethane (Surr)	125		74 - 134

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PMP-19-NW2-WT

Lab Sample ID: 460-104194-15 Date Sampled: 11/06/2015 1115
Client Matrix: Solid % Moisture: 4.3 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334211	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333874	Lab File ID:	B89775.D
Dilution:	50			Initial Weight/Volume:	5.8 g
Analysis Date:	11/10/2015 0606			Final Weight/Volume:	10 mL
Prep Date:	11/07/2015 1154				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
493-02-7	Naphthalene, decahydro-, trans-	10.79	15000	J N
	Unknown	11.46	13000	J
99-87-6	Benzene, 1-methyl-4-(1-methylethyl)-	11.79	15000	J N
	Unknown	11.90	19000	J
	Unknown	12.08	13000	J
	Unknown	12.24	14000	J
	Unknown	12.44	11000	J
	Unknown	12.76	11000	J
5557-93-7	Benzene, 1-(1-methylethenyl)-2-(1-methyl	12.92	15000	J N
	Unknown	13.08	14000	J

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: **DUP-2015_11_06_01**

Lab Sample ID: 460-104194-20 Date Sampled: 11/06/2015 0000
Client Matrix: Solid % Moisture: 4.8 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334289	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16350.D
Dilution:	1.0			Initial Weight/Volume:	5.355 g
Analysis Date:	11/10/2015 1506			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1147				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.37	U	0.37	0.98
Bromomethane		0.31	U	0.31	0.98
Vinyl chloride		0.38	U	0.38	0.98
Chloroethane		0.34	U	0.34	0.98
Methylene Chloride		0.31	U	0.31	0.98
Acetone		11		1.0	4.9
Carbon disulfide		0.42	U	0.42	0.98
Trichlorofluoromethane		0.33	U	0.33	0.98
1,1-Dichloroethene		0.40	U	0.40	0.98
1,1-Dichloroethane		0.33	U	0.33	0.98
trans-1,2-Dichloroethene		0.38	U	0.38	0.98
cis-1,2-Dichloroethene		0.22	U	0.22	0.98
Chloroform		0.21	U	0.21	0.98
2-Butanone		0.75	U	0.75	4.9
1,2-Dichloroethane		0.11	U	0.11	0.98
1,1,1-Trichloroethane		0.37	U	0.37	0.98
Carbon tetrachloride		0.42	U	0.42	0.98
Benzene		0.20	U	0.20	0.98
Bromoform		0.13	U	0.13	0.98
Styrene		0.15	U	0.15	0.98
Ethylbenzene		0.18	U	0.18	0.98
Chlorobenzene		0.14	U	0.14	0.98
Cyclohexane		0.45	U	0.45	0.98
Isopropylbenzene		0.17	U	0.17	0.98
2-Hexanone		0.92	U	0.92	4.9
MTBE		0.17	U	0.17	0.98
Freon TF		0.43	U	0.43	0.98
Methyl acetate		0.88	U	0.88	4.9
1,4-Dioxane		6.3	U	6.3	20
Trichloroethene		0.25	U	0.25	0.98
Toluene		0.19	U	0.19	0.98
trans-1,3-Dichloropropene		0.098	U	0.098	0.98
4-Methyl-2-pentanone		2.2	U	2.2	4.9
cis-1,3-Dichloropropene		0.15	U	0.15	0.98
1,2-Dichlorobenzene		0.14	U	0.14	0.98
1,3-Dichlorobenzene		0.12	U	0.12	0.98
1,4-Dichlorobenzene		0.13	U	0.13	0.98
1,2,4-Trichlorobenzene		0.31	U	0.31	0.98
1,2,3-Trichlorobenzene		0.11	U	0.11	0.98
1,2-Dichloropropane		0.17	U	0.17	0.98
Methylcyclohexane		0.49	U	0.49	0.98
Tetrachloroethene		0.27	U	0.27	0.98
Xylenes, Total		0.11	U	0.11	2.0
1,2-Dibromo-3-Chloropropane		0.46	U	0.46	0.98
1,1,2,2-Tetrachloroethane		0.17	U	0.17	0.98
1,1,2-Trichloroethane		0.27	U	0.27	0.98

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: DUP-2015_11_06_01

Lab Sample ID: 460-104194-20 Date Sampled: 11/06/2015 0000
Client Matrix: Solid % Moisture: 4.8 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334289	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16350.D
Dilution:	1.0			Initial Weight/Volume:	5.355 g
Analysis Date:	11/10/2015 1506			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1147				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.15	U	0.15	0.98
1,2-Dibromoethane		0.12	U	0.12	0.98
Dichlorodifluoromethane		0.31	U	0.31	0.98
Bromochloromethane		0.17	U	0.17	0.98
Bromodichloromethane		0.37	U	0.37	0.98

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	128		78 - 135
Toluene-d8 (Surr)	105		73 - 121
Bromofluorobenzene	107		67 - 126
Dibromofluoromethane (Surr)	124		61 - 149

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: **DUP-2015_11_06_01**

Lab Sample ID: 460-104194-20 Date Sampled: 11/06/2015 0000
Client Matrix: Solid % Moisture: 4.8 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334289	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16350.D
Dilution:	1.0			Initial Weight/Volume:	5.355 g
Analysis Date:	11/10/2015 1506			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1147				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: **PMP-27_NW2_WT**

Lab Sample ID: 460-104194-21 Date Sampled: 11/06/2015 1220
Client Matrix: Solid % Moisture: 6.1 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334504	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333874	Lab File ID:	B89835.D
Dilution:	50			Initial Weight/Volume:	5.513 g
Analysis Date:	11/11/2015 0650			Final Weight/Volume:	10 mL
Prep Date:	11/07/2015 1155				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		21	U	21	97
Bromomethane		17	U	17	97
Vinyl chloride		19	U	19	97
Chloroethane		36	U	36	97
Methylene Chloride		20	U	20	97
Acetone		100	U	100	480
Carbon disulfide		21	U	21	97
Trichlorofluoromethane		14	U	14	97
1,1-Dichloroethene		33	U	33	97
1,1-Dichloroethane		23	U	23	97
trans-1,2-Dichloroethene		17	U	17	97
cis-1,2-Dichloroethene		25	U	25	97
Chloroform		21	U	21	97
2-Butanone		210	U	210	480
1,2-Dichloroethane		24	U	24	97
1,1,1-Trichloroethane		27	U	27	97
Carbon tetrachloride		32	U	32	97
Benzene		18	U	18	97
Bromoform		17	U	17	97
Styrene		16	U	16	97
Ethylbenzene		29	U	29	97
Chlorobenzene		23	U	23	97
Cyclohexane		25	U	25	97
Isopropylbenzene		31	U	31	97
2-Hexanone		70	U	70	480
MTBE		13	U	13	97
Freon TF		33	U	33	97
Methyl acetate		56	U	56	480
1,4-Dioxane		840	U *	840	2400
Trichloroethene		21	U	21	97
Toluene		24	U	24	97
trans-1,3-Dichloropropene		18	U	18	97
4-Methyl-2-pentanone		61	U	61	480
cis-1,3-Dichloropropene		15	U	15	97
1,2-Dichlorobenzene		21	U	21	97
1,3-Dichlorobenzene		32	U	32	97
1,4-Dichlorobenzene		32	U	32	97
1,2,4-Trichlorobenzene		26	U	26	97
1,2,3-Trichlorobenzene		34	U	34	97
1,2-Dichloropropane		17	U	17	97
Methylcyclohexane		21	U	21	97
Tetrachloroethene		35	U	35	97
Xylenes, Total		27	U	27	190
1,2-Dibromo-3-Chloropropane		22	U	22	97
1,1,2,2-Tetrachloroethane		18	U	18	97
1,1,2-Trichloroethane		7.7	U	7.7	97

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PMP-27_NW2_WT

Lab Sample ID: 460-104194-21 Date Sampled: 11/06/2015 1220
Client Matrix: Solid % Moisture: 6.1 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334504	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333874	Lab File ID:	B89835.D
Dilution:	50			Initial Weight/Volume:	5.513 g
Analysis Date:	11/11/2015 0650			Final Weight/Volume:	10 mL
Prep Date:	11/07/2015 1155				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		21	U	21	97
1,2-Dibromoethane		18	U	18	97
Dichlorodifluoromethane		14	U	14	97
Bromochloromethane		29	U	29	97
Bromodichloromethane		14	U	14	97

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115		69 - 145
Toluene-d8 (Surr)	114		72 - 136
Bromofluorobenzene	109		64 - 131
Dibromofluoromethane (Surr)	117		74 - 134

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PMP-27_NW2_WT

Lab Sample ID: 460-104194-21 Date Sampled: 11/06/2015 1220
Client Matrix: Solid % Moisture: 6.1 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334504	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333874	Lab File ID:	B89835.D
Dilution:	50			Initial Weight/Volume:	5.513 g
Analysis Date:	11/11/2015 0650			Final Weight/Volume:	10 mL
Prep Date:	11/07/2015 1155				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	10.80	5600	J
1000152-47-3	trans-Decalin, 2-methyl-	11.31	6600	J N
	Unknown	11.41	3200	J
2958-76-1	Naphthalene, decahydro-2-methyl-	11.47	7500	J N
1618-22-0	Naphthalene, decahydro-2,6-dimethyl-	11.89	12000	J N
	Unknown	12.15	3700	J
	Unknown	12.27	7000	J
	Unknown	12.38	3200	J
	Unknown	12.59	5300	J
	Unknown	12.94	3800	J

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PMP-28_NW2_WT

Lab Sample ID: 460-104194-22 Date Sampled: 11/06/2015 0935
Client Matrix: Solid % Moisture: 2.0 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334289	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16351.D
Dilution:	1.0			Initial Weight/Volume:	5.453 g
Analysis Date:	11/10/2015 1531			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1148				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.36	U	0.36	0.94
Bromomethane		0.30	U	0.30	0.94
Vinyl chloride		0.36	U	0.36	0.94
Chloroethane		0.33	U	0.33	0.94
Methylene Chloride		0.30	U	0.30	0.94
Acetone		28		0.99	4.7
Carbon disulfide		0.40	U	0.40	0.94
Trichlorofluoromethane		0.32	U	0.32	0.94
1,1-Dichloroethene		0.38	U	0.38	0.94
1,1-Dichloroethane		0.32	U	0.32	0.94
trans-1,2-Dichloroethene		0.36	U	0.36	0.94
cis-1,2-Dichloroethene		0.21	U	0.21	0.94
Chloroform		0.20	U	0.20	0.94
2-Butanone		0.72	U	0.72	4.7
1,2-Dichloroethane		0.10	U	0.10	0.94
1,1,1-Trichloroethane		0.36	U	0.36	0.94
Carbon tetrachloride		0.40	U	0.40	0.94
Benzene		0.19	U	0.19	0.94
Bromoform		0.12	U	0.12	0.94
Styrene		0.14	U	0.14	0.94
Ethylbenzene		0.17	U	0.17	0.94
Chlorobenzene		0.13	U	0.13	0.94
Cyclohexane		0.43	U	0.43	0.94
Isopropylbenzene		0.16	U	0.16	0.94
2-Hexanone		0.88	U	0.88	4.7
MTBE		0.16	U	0.16	0.94
Freon TF		0.41	U	0.41	0.94
Methyl acetate		0.84	U	0.84	4.7
1,4-Dioxane		6.0	U	6.0	19
Trichloroethene		0.24	U	0.24	0.94
Toluene		0.18	U	0.18	0.94
trans-1,3-Dichloropropene		0.094	U	0.094	0.94
4-Methyl-2-pentanone		2.1	U	2.1	4.7
cis-1,3-Dichloropropene		0.14	U	0.14	0.94
1,2-Dichlorobenzene		0.13	U	0.13	0.94
1,3-Dichlorobenzene		0.11	U	0.11	0.94
1,4-Dichlorobenzene		0.12	U	0.12	0.94
1,2,4-Trichlorobenzene		10		0.30	0.94
1,2,3-Trichlorobenzene		3.6		0.10	0.94
1,2-Dichloropropane		0.16	U	0.16	0.94
Methylcyclohexane		0.47	U	0.47	0.94
Tetrachloroethene		0.26	U	0.26	0.94
Xylenes, Total		0.10	U	0.10	1.9
1,2-Dibromo-3-Chloropropane		0.44	U	0.44	0.94
1,1,2,2-Tetrachloroethane		0.16	U	0.16	0.94
1,1,2-Trichloroethane		0.26	U	0.26	0.94

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PMP-28_NW2_WT

Lab Sample ID: 460-104194-22 Date Sampled: 11/06/2015 0935
Client Matrix: Solid % Moisture: 2.0 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334289	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16351.D
Dilution:	1.0			Initial Weight/Volume:	5.453 g
Analysis Date:	11/10/2015 1531			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1148				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.14	U	0.14	0.94
1,2-Dibromoethane		0.11	U	0.11	0.94
Dichlorodifluoromethane		0.30	U	0.30	0.94
Bromochloromethane		0.16	U	0.16	0.94
Bromodichloromethane		0.36	U	0.36	0.94

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	132		78 - 135
Toluene-d8 (Surr)	109		73 - 121
Bromofluorobenzene	110		67 - 126
Dibromofluoromethane (Surr)	132		61 - 149

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PMP-28_NW2_WT

Lab Sample ID: 460-104194-22 Date Sampled: 11/06/2015 0935
Client Matrix: Solid % Moisture: 2.0 Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334289	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16351.D
Dilution:	1.0			Initial Weight/Volume:	5.453 g
Analysis Date:	11/10/2015 1531			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1148				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
26730-14-3	Tridecane, 7-methyl-	12.87	48	J N
	Unknown	13.17	29	J
	Unknown	13.38	51	J
3891-98-3	Dodecane, 2,6,10-trimethyl-	14.18	63	J N
629-59-4	Tetradecane	14.51	37	J N
	Unknown	14.57	31	J
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	15.03	44	J N
544-76-3	Hexadecane	15.59	48	J N
634-66-2	Benzene, 1,2,3,4-tetrachloro-	15.90	26	J N
	Unknown	16.13	32	J

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: FB-20151106

Lab Sample ID: 460-104194-23FB Date Sampled: 11/06/2015 1350
Client Matrix: Water Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334455	Instrument ID:	CVOAMS3
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	C05511.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2303			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 2303				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	0.22	U	0.22	1.0
Bromomethane	0.18	U	0.18	1.0
Vinyl chloride	0.060	U	0.060	1.0
Chloroethane	0.37	U	0.37	1.0
Methylene Chloride	0.21	U	0.21	1.0
Acetone	1.1	U	1.1	5.0
Carbon disulfide	0.22	U	0.22	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.34	U	0.34	1.0
1,1-Dichloroethane	0.24	U	0.24	1.0
trans-1,2-Dichloroethene	0.18	U	0.18	1.0
cis-1,2-Dichloroethene	0.26	U	0.26	1.0
Chloroform	0.22	U	0.22	1.0
2-Butanone	2.2	U	2.2	5.0
1,2-Dichloroethane	0.25	U	0.25	1.0
1,1,1-Trichloroethane	0.28	U	0.28	1.0
Carbon tetrachloride	0.33	U	0.33	1.0
Benzene	0.090	U	0.090	1.0
Bromoform	0.18	U	0.18	1.0
Styrene	0.17	U	0.17	1.0
Ethylbenzene	0.30	U	0.30	1.0
Chlorobenzene	0.24	U	0.24	1.0
Cyclohexane	0.26	U	0.26	1.0
Isopropylbenzene	0.32	U	0.32	1.0
2-Hexanone	0.72	U	0.72	5.0
MTBE	0.13	U	0.13	1.0
Freon TF	0.34	U	0.34	1.0
Methyl acetate	0.58	U	0.58	5.0
1,4-Dioxane	8.7	U	8.7	50
Trichloroethene	0.22	U	0.22	1.0
Toluene	0.25	U	0.25	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
4-Methyl-2-pentanone	0.63	U	0.63	5.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
1,2-Dichlorobenzene	0.22	U	0.22	1.0
1,3-Dichlorobenzene	0.33	U	0.33	1.0
1,4-Dichlorobenzene	0.33	U	0.33	1.0
1,2,4-Trichlorobenzene	0.27	U	0.27	1.0
1,2,3-Trichlorobenzene	0.35	U	0.35	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
Methylcyclohexane	0.22	U	0.22	1.0
Tetrachloroethene	0.12	U	0.12	1.0
Xylenes, Total	0.28	U	0.28	2.0
1,2-Dibromo-3-Chloropropane	0.23	U	0.23	1.0
1,1,2,2-Tetrachloroethane	0.19	U	0.19	1.0
1,1,2-Trichloroethane	0.080	U	0.080	1.0

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: FB-20151106

Lab Sample ID: 460-104194-23FB Date Sampled: 11/06/2015 1350
Client Matrix: Water Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334455	Instrument ID:	CVOAMS3
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	C05511.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2303			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 2303				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibromochloromethane	0.22	U	0.22	1.0
1,2-Dibromoethane	0.19	U	0.19	1.0
Dichlorodifluoromethane	0.14	U	0.14	1.0
Bromochloromethane	0.30	U	0.30	1.0
Bromodichloromethane	0.15	U	0.15	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		70 - 137
Toluene-d8 (Surr)	80		74 - 120
Bromofluorobenzene	95		70 - 131
Dibromofluoromethane (Surr)	98		72 - 136

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: FB-20151106

Lab Sample ID: 460-104194-23FB Date Sampled: 11/06/2015 1350
Client Matrix: Water Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334455	Instrument ID:	CVOAMS3
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	C05511.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2303			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 2303				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client Sample ID: **Trip Blank**

Lab Sample ID: 460-104194-24TB Date Sampled: 11/06/2015 0000
Client Matrix: Solid Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334289	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16348.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	11/10/2015 1417			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1148				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.38	U	0.38	1.0
Bromomethane		0.32	U	0.32	1.0
Vinyl chloride		0.39	U	0.39	1.0
Chloroethane		0.35	U	0.35	1.0
Methylene Chloride		0.32	U	0.32	1.0
Acetone		14		1.1	5.0
Carbon disulfide		0.43	U	0.43	1.0
Trichlorofluoromethane		0.34	U	0.34	1.0
1,1-Dichloroethene		0.41	U	0.41	1.0
1,1-Dichloroethane		0.34	U	0.34	1.0
trans-1,2-Dichloroethene		0.39	U	0.39	1.0
cis-1,2-Dichloroethene		0.22	U	0.22	1.0
Chloroform		0.21	U	0.21	1.0
2-Butanone		0.77	U	0.77	5.0
1,2-Dichloroethane		0.11	U	0.11	1.0
1,1,1-Trichloroethane		0.38	U	0.38	1.0
Carbon tetrachloride		0.43	U	0.43	1.0
Benzene		0.20	U	0.20	1.0
Bromoform		0.13	U	0.13	1.0
Styrene		0.15	U	0.15	1.0
Ethylbenzene		0.18	U	0.18	1.0
Chlorobenzene		0.14	U	0.14	1.0
Cyclohexane		0.46	U	0.46	1.0
Isopropylbenzene		0.17	U	0.17	1.0
2-Hexanone		0.94	U	0.94	5.0
MTBE		0.17	U	0.17	1.0
Freon TF		0.44	U	0.44	1.0
Methyl acetate		0.90	U	0.90	5.0
1,4-Dioxane		6.4	U	6.4	20
Trichloroethene		0.26	U	0.26	1.0
Toluene		0.19	U	0.19	1.0
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
4-Methyl-2-pentanone		2.2	U	2.2	5.0
cis-1,3-Dichloropropene		0.15	U	0.15	1.0
1,2-Dichlorobenzene		0.14	U	0.14	1.0
1,3-Dichlorobenzene		0.12	U	0.12	1.0
1,4-Dichlorobenzene		0.13	U	0.13	1.0
1,2,4-Trichlorobenzene		0.32	U	0.32	1.0
1,2,3-Trichlorobenzene		0.11	U	0.11	1.0
1,2-Dichloropropane		0.17	U	0.17	1.0
Methylcyclohexane		0.50	U	0.50	1.0
Tetrachloroethene		0.28	U	0.28	1.0
Xylenes, Total		0.11	U	0.11	2.0
1,2-Dibromo-3-Chloropropane		0.47	U	0.47	1.0
1,1,2,2-Tetrachloroethane		0.17	U	0.17	1.0
1,1,2-Trichloroethane		0.28	U	0.28	1.0

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 460-104194-24TB Date Sampled: 11/06/2015 0000
Client Matrix: Solid Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334289	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16348.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	11/10/2015 1417			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1148				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.15	U	0.15	1.0
1,2-Dibromoethane		0.12	U	0.12	1.0
Dichlorodifluoromethane		0.32	U	0.32	1.0
Bromochloromethane		0.17	U	0.17	1.0
Bromodichloromethane		0.38	U	0.38	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	134		78 - 135
Toluene-d8 (Surr)	120		73 - 121
Bromofluorobenzene	123		67 - 126
Dibromofluoromethane (Surr)	135		61 - 149

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 460-104194-24TB Date Sampled: 11/06/2015 0000
Client Matrix: Solid Date Received: 11/06/2015 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334289	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-333873	Lab File ID:	D16348.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	11/10/2015 1417			Final Weight/Volume:	5 mL
Prep Date:	11/07/2015 1148				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client Sample ID: **PRA-25S_1.75**

Lab Sample ID: 460-104194-1 Date Sampled: 11/06/2015 1245
Client Matrix: Solid % Moisture: 6.8 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	x8403.D
Dilution:	1.0			Initial Weight/Volume:	15.0484 g
Analysis Date:	11/11/2015 0626			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		12	U	12	350
2-Chlorophenol		9.0	U	9.0	350
2-Methylphenol		15	U	15	350
4-Methylphenol		9.6	U	9.6	350
Benzaldehyde		27	U	27	350
Acetophenone		7.7	U	7.7	350
Bis(2-chloroethyl)ether		8.3	U	8.3	35
2,2'-oxybis[1-chloropropane]		15	U	15	350
N-Nitrosodi-n-propylamine		12	U	12	35
Nitrobenzene		11	U	11	35
Hexachloroethane		13	U	13	35
Isophorone		7.6	U	7.6	140
2-Nitrophenol		12	U	12	350
2,4-Dimethylphenol		78	U	78	350
2,4-Dichlorophenol		8.3	U	8.3	140
Bis(2-chloroethoxy)methane		11	U	11	350
Naphthalene		9.0	U	9.0	350
4-Chloroaniline		9.1	U	9.1	350
Hexachlorobutadiene		10	U	10	72
Caprolactam		25	U	25	350
4-Chloro-3-methylphenol		15	U	15	350
2-Methylnaphthalene		7.8	U	7.8	350
Hexachlorobenzene		14	U	14	35
Hexachlorocyclopentadiene		22	U	22	350
2,4,6-Trichlorophenol		10	U	10	140
2,4,5-Trichlorophenol		35	U	35	350
Diphenyl		30	U	30	350
2-Chloronaphthalene		8.0	U	8.0	350
2-Nitroaniline		12	U	12	350
2,6-Dinitrotoluene		19	U	19	72
Dimethyl phthalate		10	U	10	350
Acenaphthylene		9.1	U	9.1	350
3-Nitroaniline		10	U	10	350
Acenaphthene		8.6	U	8.6	350
4-Nitrophenol		170	U	170	720
2,4-Dinitrophenol		270	U	270	280
Dibenzofuran		11	U	11	350
Diethyl phthalate		10	U	10	350
Fluorene		7.7	U	7.7	350
Fluoranthene		10	U	10	350
Di-n-butyl phthalate		11	U	11	350
2,4-Dinitrotoluene		14	U	14	72
4-Chlorophenyl phenyl ether		11	U	11	350
4-Nitroaniline		13	U	13	350
4,6-Dinitro-2-methylphenol		94	U	94	280
4-Bromophenyl phenyl ether		11	U	11	350

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: **PRA-25S_1.75**

Lab Sample ID: 460-104194-1 Date Sampled: 11/06/2015 1245
Client Matrix: Solid % Moisture: 6.8 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	x8403.D
Dilution:	1.0			Initial Weight/Volume:	15.0484 g
Analysis Date:	11/11/2015 0626			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		16	U	16	140
Anthracene		34	U	34	350
Carbazole		8.8	U	8.8	350
Phenanthrene		9.4	U	9.4	350
Pentachlorophenol		43	U	43	280
Pyrene		16	U	16	350
Chrysene		9.6	U	9.6	350
Benzo[k]fluoranthene		15	U	15	35
Benzo[g,h,i]perylene		20	U	20	350
Benzo[b]fluoranthene		14	U	14	35
Benzo[a]pyrene		11	U	11	35
Benzo[a]anthracene		30	U	30	35
N-Nitrosodiphenylamine		32	U *	32	350
Butyl benzyl phthalate		11	U	11	350
Bis(2-ethylhexyl) phthalate		21	J	14	350
Di-n-octyl phthalate		18	U	18	350
Indeno[1,2,3-cd]pyrene		24	U	24	35
Dibenz(a,h)anthracene		18	U	18	35
3,3'-Dichlorobenzidine		39	U	39	140
1,2,4,5-Tetrachlorobenzene		26	U	26	350
2,3,4,6-Tetrachlorophenol		33	U	33	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	64		28 - 92
Phenol-d5	60		22 - 88
Terphenyl-d14	81		16 - 114
2,4,6-Tribromophenol	54		10 - 95
2-Fluorophenol	59		21 - 84
2-Fluorobiphenyl	56		27 - 84

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: **PRA-25S_1.75**

Lab Sample ID: 460-104194-1 Date Sampled: 11/06/2015 1245
Client Matrix: Solid % Moisture: 6.8 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	x8403.D
Dilution:	1.0			Initial Weight/Volume:	15.0484 g
Analysis Date:	11/11/2015 0626			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client Sample ID: **PRA-25S-3.75**

Lab Sample ID: 460-104194-2 Date Sampled: 11/06/2015 1247
Client Matrix: Solid % Moisture: 5.1 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334543	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	z38498.D
Dilution:	1.0			Initial Weight/Volume:	15.0112 g
Analysis Date:	11/11/2015 1252			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		11	U	11	350
2-Chlorophenol		8.8	U	8.8	350
2-Methylphenol		15	U	15	350
4-Methylphenol		9.5	U	9.5	350
Benzaldehyde		27	U	27	350
Acetophenone		7.6	U	7.6	350
Bis(2-chloroethyl)ether		8.2	U	8.2	35
2,2'-oxybis[1-chloropropane]		14	U	14	350
N-Nitrosodi-n-propylamine		12	U	12	35
Nitrobenzene		11	U	11	35
Hexachloroethane		13	U	13	35
Isophorone		7.5	U	7.5	140
2-Nitrophenol		12	U	12	350
2,4-Dimethylphenol		77	U	77	350
2,4-Dichlorophenol		8.2	U	8.2	140
Bis(2-chloroethoxy)methane		11	U	11	350
Naphthalene		8.8	U	8.8	350
4-Chloroaniline		9.0	U	9.0	350
Hexachlorobutadiene		9.8	U	9.8	71
Caprolactam		25	U	25	350
4-Chloro-3-methylphenol		15	U	15	350
2-Methylnaphthalene		7.7	U	7.7	350
Hexachlorobenzene		14	U	14	35
Hexachlorocyclopentadiene		22	U	22	350
2,4,6-Trichlorophenol		9.9	U	9.9	140
2,4,5-Trichlorophenol		35	U	35	350
Diphenyl		30	U	30	350
2-Chloronaphthalene		7.9	U	7.9	350
2-Nitroaniline		11	U	11	350
2,6-Dinitrotoluene		19	U	19	71
Dimethyl phthalate		10	U	10	350
Acenaphthylene		9.0	U	9.0	350
3-Nitroaniline		10	U	10	350
Acenaphthene		8.4	U	8.4	350
4-Nitrophenol		170	U	170	710
2,4-Dinitrophenol		260	U	260	280
Dibenzofuran		11	U	11	350
Diethyl phthalate		9.9	U	9.9	350
Fluorene		7.6	U	7.6	350
Fluoranthene		10	U	10	350
Di-n-butyl phthalate		10	U	10	350
2,4-Dinitrotoluene		14	U	14	71
4-Chlorophenyl phenyl ether		10	U	10	350
4-Nitroaniline		13	U	13	350
4,6-Dinitro-2-methylphenol		93	U	93	280
4-Bromophenyl phenyl ether		11	U	11	350

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-25S-3.75

Lab Sample ID: 460-104194-2 Date Sampled: 11/06/2015 1247
Client Matrix: Solid % Moisture: 5.1 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334543	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	z38498.D
Dilution:	1.0			Initial Weight/Volume:	15.0112 g
Analysis Date:	11/11/2015 1252			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		15	U	15	140
Anthracene		33	U	33	350
Carbazole		8.6	U	8.6	350
Phenanthrene		9.3	U	9.3	350
Pentachlorophenol		42	U	42	280
Pyrene		16	U	16	350
Chrysene		9.5	U	9.5	350
Benzo[k]fluoranthene		15	U	15	35
Benzo[g,h,i]perylene		20	U	20	350
Benzo[b]fluoranthene		14	U	14	35
Benzo[a]pyrene		11	U	11	35
Benzo[a]anthracene		29	U	29	35
N-Nitrosodiphenylamine		32	U *	32	350
Butyl benzyl phthalate		11	U	11	350
Bis(2-ethylhexyl) phthalate		33	J	14	350
Di-n-octyl phthalate		18	U	18	350
Indeno[1,2,3-cd]pyrene		23	U	23	35
Dibenz(a,h)anthracene		18	U	18	35
3,3'-Dichlorobenzidine		39	U	39	140
1,2,4,5-Tetrachlorobenzene		26	U	26	350
2,3,4,6-Tetrachlorophenol		33	U	33	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	54		28 - 92
Phenol-d5	41		22 - 88
Terphenyl-d14	35		16 - 114
2,4,6-Tribromophenol	26		10 - 95
2-Fluorophenol	45		21 - 84
2-Fluorobiphenyl	54		27 - 84

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-25S-3.75

Lab Sample ID: 460-104194-2 Date Sampled: 11/06/2015 1247
Client Matrix: Solid % Moisture: 5.1 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334543	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	z38498.D
Dilution:	1.0			Initial Weight/Volume:	15.0112 g
Analysis Date:	11/11/2015 1252			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client Sample ID: PRA-25S 8.25

Lab Sample ID: 460-104194-3 Date Sampled: 11/06/2015 1249
Client Matrix: Solid % Moisture: 4.3 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	x8405.D
Dilution:	1.0			Initial Weight/Volume:	15.0134 g
Analysis Date:	11/11/2015 0714			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		11	U	11	340
2-Chlorophenol		8.8	U	8.8	340
2-Methylphenol		15	U	15	340
4-Methylphenol		9.4	U	9.4	340
Benzaldehyde		26	U	26	340
Acetophenone		7.5	U	7.5	340
Bis(2-chloroethyl)ether		8.1	U	8.1	34
2,2'-oxybis[1-chloropropane]		14	U	14	340
N-Nitrosodi-n-propylamine		12	U	12	34
Nitrobenzene		11	U	11	34
Hexachloroethane		13	U	13	34
Isophorone		7.4	U	7.4	140
2-Nitrophenol		12	U	12	340
2,4-Dimethylphenol		76	U	76	340
2,4-Dichlorophenol		8.1	U	8.1	140
Bis(2-chloroethoxy)methane		11	U	11	340
Naphthalene		8.8	U	8.8	340
4-Chloroaniline		8.9	U	8.9	340
Hexachlorobutadiene		9.7	U	9.7	70
Caprolactam		25	U	25	340
4-Chloro-3-methylphenol		15	U	15	340
2-Methylnaphthalene		7.6	U	7.6	340
Hexachlorobenzene		14	U	14	34
Hexachlorocyclopentadiene		22	U	22	340
2,4,6-Trichlorophenol		9.8	U	9.8	140
2,4,5-Trichlorophenol		34	U	34	340
Diphenyl		29	U	29	340
2-Chloronaphthalene		7.8	U	7.8	340
2-Nitroaniline		11	U	11	340
2,6-Dinitrotoluene		18	U	18	70
Dimethyl phthalate		10	U	10	340
Acenaphthylene		8.9	U	8.9	340
3-Nitroaniline		10	U	10	340
Acenaphthene		8.3	U	8.3	340
4-Nitrophenol		170	U	170	700
2,4-Dinitrophenol		260	U	260	280
Dibenzofuran		10	U	10	340
Diethyl phthalate		9.8	U	9.8	340
Fluorene		7.5	U	7.5	340
Fluoranthene		10	U	10	340
Di-n-butyl phthalate		10	U	10	340
2,4-Dinitrotoluene		14	U	14	70
4-Chlorophenyl phenyl ether		10	U	10	340
4-Nitroaniline		13	U	13	340
4,6-Dinitro-2-methylphenol		92	U	92	280
4-Bromophenyl phenyl ether		11	U	11	340

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-25S 8.25

Lab Sample ID: 460-104194-3 Date Sampled: 11/06/2015 1249
Client Matrix: Solid % Moisture: 4.3 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	x8405.D
Dilution:	1.0			Initial Weight/Volume:	15.0134 g
Analysis Date:	11/11/2015 0714			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		15	U	15	140
Anthracene		33	U	33	340
Carbazole		8.6	U	8.6	340
Phenanthrene		9.2	U	9.2	340
Pentachlorophenol		42	U	42	280
Pyrene		16	U	16	340
Chrysene		9.4	U	9.4	340
Benzo[k]fluoranthene		15	U	15	34
Benzo[g,h,i]perylene		20	U	20	340
Benzo[b]fluoranthene		13	U	13	34
Benzo[a]pyrene		10	U	10	34
Benzo[a]anthracene		29	U	29	34
N-Nitrosodiphenylamine		31	U *	31	340
Butyl benzyl phthalate		11	U	11	340
Bis(2-ethylhexyl) phthalate		20	J	13	340
Di-n-octyl phthalate		18	U	18	340
Indeno[1,2,3-cd]pyrene		23	U	23	34
Dibenz(a,h)anthracene		18	U	18	34
3,3'-Dichlorobenzidine		39	U	39	140
1,2,4,5-Tetrachlorobenzene		26	U	26	340
2,3,4,6-Tetrachlorophenol		32	U	32	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	61		28 - 92
Phenol-d5	59		22 - 88
Terphenyl-d14	76		16 - 114
2,4,6-Tribromophenol	57		10 - 95
2-Fluorophenol	56		21 - 84
2-Fluorobiphenyl	53		27 - 84

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-25S 8.25

Lab Sample ID: 460-104194-3 Date Sampled: 11/06/2015 1249
Client Matrix: Solid % Moisture: 4.3 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	x8405.D
Dilution:	1.0			Initial Weight/Volume:	15.0134 g
Analysis Date:	11/11/2015 0714			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client Sample ID: **PRA-25S 11.25**

Lab Sample ID: 460-104194-4 Date Sampled: 11/06/2015 1251
Client Matrix: Solid % Moisture: 13.0 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	x8406.D
Dilution:	1.0			Initial Weight/Volume:	15.0288 g
Analysis Date:	11/11/2015 0738			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		12	U	12	380
2-Chlorophenol		9.6	U	9.6	380
2-Methylphenol		17	U	17	380
4-Methylphenol		10	U	10	380
Benzaldehyde		29	U	29	380
Acetophenone		8.3	U	8.3	380
Bis(2-chloroethyl)ether		8.9	U	8.9	38
2,2'-oxybis[1-chloropropane]		16	U	16	380
N-Nitrosodi-n-propylamine		13	U	13	38
Nitrobenzene		12	U	12	38
Hexachloroethane		14	U	14	38
Isophorone		8.1	U	8.1	150
2-Nitrophenol		13	U	13	380
2,4-Dimethylphenol		83	U	83	380
2,4-Dichlorophenol		8.9	U	8.9	150
Bis(2-chloroethoxy)methane		12	U	12	380
Naphthalene		9.6	U	9.6	380
4-Chloroaniline		9.7	U	9.7	380
Hexachlorobutadiene		11	U	11	77
Caprolactam		27	U	27	380
4-Chloro-3-methylphenol		16	U	16	380
2-Methylnaphthalene		8.4	U	8.4	380
Hexachlorobenzene		15	U	15	38
Hexachlorocyclopentadiene		24	U	24	380
2,4,6-Trichlorophenol		11	U	11	150
2,4,5-Trichlorophenol		38	U	38	380
Diphenyl		32	U	32	380
2-Chloronaphthalene		8.6	U	8.6	380
2-Nitroaniline		12	U	12	380
2,6-Dinitrotoluene		20	U	20	77
Dimethyl phthalate		11	U	11	380
Acenaphthylene		9.7	U	9.7	380
3-Nitroaniline		11	U	11	380
Acenaphthene		9.2	U	9.2	380
4-Nitrophenol		180	U	180	770
2,4-Dinitrophenol		290	U	290	310
Dibenzofuran		11	U	11	380
Diethyl phthalate		11	U	11	380
Fluorene		8.3	U	8.3	380
Fluoranthene		11	U	11	380
Di-n-butyl phthalate		11	U	11	380
2,4-Dinitrotoluene		15	U	15	77
4-Chlorophenyl phenyl ether		11	U	11	380
4-Nitroaniline		14	U	14	380
4,6-Dinitro-2-methylphenol		100	U	100	310
4-Bromophenyl phenyl ether		12	U	12	380

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-25S 11.25

Lab Sample ID: 460-104194-4 Date Sampled: 11/06/2015 1251
Client Matrix: Solid % Moisture: 13.0 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	x8406.D
Dilution:	1.0			Initial Weight/Volume:	15.0288 g
Analysis Date:	11/11/2015 0738			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		17	U	17	150
Anthracene		36	U	36	380
Carbazole		9.4	U	9.4	380
Phenanthrene		10	U	10	380
Pentachlorophenol		46	U	46	310
Pyrene		17	U	17	380
Chrysene		10	U	10	380
Benzo[k]fluoranthene		17	U	17	38
Benzo[g,h,i]perylene		22	U	22	380
Benzo[b]fluoranthene		15	U	15	38
Benzo[a]pyrene		11	U	11	38
Benzo[a]anthracene		32	U	32	38
N-Nitrosodiphenylamine		34	U *	34	380
Butyl benzyl phthalate		12	U	12	380
Bis(2-ethylhexyl) phthalate		24	J	15	380
Di-n-octyl phthalate		19	U	19	380
Indeno[1,2,3-cd]pyrene		25	U	25	38
Dibenz(a,h)anthracene		20	U	20	38
3,3'-Dichlorobenzidine		42	U	42	150
1,2,4,5-Tetrachlorobenzene		28	U	28	380
2,3,4,6-Tetrachlorophenol		36	U	36	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	58		28 - 92
Phenol-d5	55		22 - 88
Terphenyl-d14	75		16 - 114
2,4,6-Tribromophenol	53		10 - 95
2-Fluorophenol	53		21 - 84
2-Fluorobiphenyl	51		27 - 84

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-25S 11.25

Lab Sample ID: 460-104194-4 Date Sampled: 11/06/2015 1251
Client Matrix: Solid % Moisture: 13.0 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	x8406.D
Dilution:	1.0			Initial Weight/Volume:	15.0288 g
Analysis Date:	11/11/2015 0738			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client Sample ID: **PRA-23 NW**

Lab Sample ID: 460-104194-5 Date Sampled: 11/06/2015 0830
Client Matrix: Solid % Moisture: 9.4 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	x8415.D
Dilution:	1.0			Initial Weight/Volume:	15.0114 g
Analysis Date:	11/11/2015 1115			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		12	U	12	360
2-Chlorophenol		9.3	U	9.3	360
2-Methylphenol		16	U	16	360
4-Methylphenol		9.9	U	9.9	360
Benzaldehyde		28	U	28	360
Acetophenone		7.9	U	7.9	360
Bis(2-chloroethyl)ether		8.6	U	8.6	36
2,2'-oxybis[1-chloropropane]		15	U	15	360
N-Nitrosodi-n-propylamine		12	U	12	36
Nitrobenzene		11	U	11	36
Hexachloroethane		13	U	13	36
Isophorone		7.8	U	7.8	150
2-Nitrophenol		12	U	12	360
2,4-Dimethylphenol		80	U	80	360
2,4-Dichlorophenol		8.6	U	8.6	150
Bis(2-chloroethoxy)methane		11	U	11	360
Naphthalene		9.3	U	9.3	360
4-Chloroaniline		9.4	U	9.4	360
Hexachlorobutadiene		10	U	10	74
Caprolactam		26	U	26	360
4-Chloro-3-methylphenol		16	U	16	360
2-Methylnaphthalene		8.2	J	8.1	360
Hexachlorobenzene		15	U	15	36
Hexachlorocyclopentadiene		23	U	23	360
2,4,6-Trichlorophenol		10	U	10	150
2,4,5-Trichlorophenol		36	U	36	360
Diphenyl		31	U	31	360
2-Chloronaphthalene		8.3	U	8.3	360
2-Nitroaniline		12	U	12	360
2,6-Dinitrotoluene		19	U	19	74
Dimethyl phthalate		11	U	11	360
Acenaphthylene		9.4	U	9.4	360
3-Nitroaniline		11	U	11	360
Acenaphthene		8.8	U	8.8	360
4-Nitrophenol		180	U	180	740
2,4-Dinitrophenol		280	U	280	290
Dibenzofuran		11	U	11	360
Diethyl phthalate		10	U	10	360
Fluorene		7.9	U	7.9	360
Fluoranthene		11	U	11	360
Di-n-butyl phthalate		11	U	11	360
2,4-Dinitrotoluene		14	U	14	74
4-Chlorophenyl phenyl ether		11	U	11	360
4-Nitroaniline		14	U	14	360
4,6-Dinitro-2-methylphenol		97	U	97	290
4-Bromophenyl phenyl ether		11	U	11	360

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-23 NW

Lab Sample ID: 460-104194-5 Date Sampled: 11/06/2015 0830
Client Matrix: Solid % Moisture: 9.4 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	x8415.D
Dilution:	1.0			Initial Weight/Volume:	15.0114 g
Analysis Date:	11/11/2015 1115			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		16	U	16	150
Anthracene		35	U	35	360
Carbazole		9.0	U	9.0	360
Phenanthrene		9.7	U	9.7	360
Pentachlorophenol		44	U	44	290
Pyrene		17	U	17	360
Chrysene		9.9	U	9.9	360
Benzo[k]fluoranthene		16	U	16	36
Benzo[g,h,i]perylene		21	U	21	360
Benzo[b]fluoranthene		14	U	14	36
Benzo[a]pyrene		11	U	11	36
Benzo[a]anthracene		30	U	30	36
N-Nitrosodiphenylamine		33	U *	33	360
Butyl benzyl phthalate		11	U	11	360
Bis(2-ethylhexyl) phthalate		24	J	14	360
Di-n-octyl phthalate		19	U	19	360
Indeno[1,2,3-cd]pyrene		24	U	24	36
Dibenz(a,h)anthracene		19	U	19	36
3,3'-Dichlorobenzidine		41	U	41	150
1,2,4,5-Tetrachlorobenzene		27	U	27	360
2,3,4,6-Tetrachlorophenol		34	U	34	360

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	65		28 - 92
Phenol-d5	59		22 - 88
Terphenyl-d14	78		16 - 114
2,4,6-Tribromophenol	64		10 - 95
2-Fluorophenol	58		21 - 84
2-Fluorobiphenyl	62		27 - 84

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-23 NW

Lab Sample ID: 460-104194-5 Date Sampled: 11/06/2015 0830
Client Matrix: Solid % Moisture: 9.4 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	x8415.D
Dilution:	1.0			Initial Weight/Volume:	15.0114 g
Analysis Date:	11/11/2015 1115			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 11**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	6.78	680	J N
629-50-5	Tridecane	7.12	410	J N
1000100-23-6	Decahydro-8a-ethyl-1,1,4a,6-tetramethyln	7.26	970	J N
629-62-9	Pentadecane	7.32	380	J N
544-76-3	Hexadecane	7.82	710	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.04	620	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.30	2600	J N
	Unknown	8.49	730	J
593-45-3	Octadecane	8.73	660	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.76	1100	J N
629-78-7	Heptadecane	9.15	1000	J N

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-18 S

Lab Sample ID: 460-104194-6 Date Sampled: 11/06/2015 1055
Client Matrix: Solid % Moisture: 4.7 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	x8407.D
Dilution:	1.0			Initial Weight/Volume:	15.0234 g
Analysis Date:	11/11/2015 0802			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		11	U	11	350
2-Chlorophenol		8.8	U	8.8	350
2-Methylphenol		15	U	15	350
4-Methylphenol		9.4	U	9.4	350
Benzaldehyde		26	U	26	350
Acetophenone		7.5	U	7.5	350
Bis(2-chloroethyl)ether		8.2	U	8.2	35
2,2'-oxybis[1-chloropropane]		14	U	14	350
N-Nitrosodi-n-propylamine		12	U	12	35
Nitrobenzene		11	U	11	35
Hexachloroethane		13	U	13	35
Isophorone		7.4	U	7.4	140
2-Nitrophenol		12	U	12	350
2,4-Dimethylphenol		76	U	76	350
2,4-Dichlorophenol		8.2	U	8.2	140
Bis(2-chloroethoxy)methane		11	U	11	350
Naphthalene		8.8	U	8.8	350
4-Chloroaniline		8.9	U	8.9	350
Hexachlorobutadiene		9.7	U	9.7	70
Caprolactam		25	U	25	350
4-Chloro-3-methylphenol		15	U	15	350
2-Methylnaphthalene		7.6	U	7.6	350
Hexachlorobenzene		14	U	14	35
Hexachlorocyclopentadiene		22	U	22	350
2,4,6-Trichlorophenol		9.8	U	9.8	140
2,4,5-Trichlorophenol		34	U	34	350
Diphenyl		30	U	30	350
2-Chloronaphthalene		7.9	U	7.9	350
2-Nitroaniline		11	U	11	350
2,6-Dinitrotoluene		18	U	18	70
Dimethyl phthalate		10	U	10	350
Acenaphthylene		8.9	U	8.9	350
3-Nitroaniline		10	U	10	350
Acenaphthene		8.4	U	8.4	350
4-Nitrophenol		170	U	170	700
2,4-Dinitrophenol		260	U	260	280
Dibenzofuran		10	U	10	350
Diethyl phthalate		9.8	U	9.8	350
Fluorene		7.5	U	7.5	350
Fluoranthene		10	U	10	350
Di-n-butyl phthalate		10	U	10	350
2,4-Dinitrotoluene		14	U	14	70
4-Chlorophenyl phenyl ether		10	U	10	350
4-Nitroaniline		13	U	13	350
4,6-Dinitro-2-methylphenol		92	U	92	280
4-Bromophenyl phenyl ether		11	U	11	350

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-18 S

Lab Sample ID: 460-104194-6 Date Sampled: 11/06/2015 1055
Client Matrix: Solid % Moisture: 4.7 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	x8407.D
Dilution:	1.0			Initial Weight/Volume:	15.0234 g
Analysis Date:	11/11/2015 0802			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		15	U	15	140
Anthracene		33	U	33	350
Carbazole		8.6	U	8.6	350
Phenanthrene		9.2	U	9.2	350
Pentachlorophenol		42	U	42	280
Pyrene		16	U	16	350
Chrysene		9.4	U	9.4	350
Benzo[k]fluoranthene		15	U	15	35
Benzo[g,h,i]perylene		20	U	20	350
Benzo[b]fluoranthene		14	U	14	35
Benzo[a]pyrene		10	U	10	35
Benzo[a]anthracene		29	U	29	35
N-Nitrosodiphenylamine		31	U *	31	350
Butyl benzyl phthalate		11	U	11	350
Bis(2-ethylhexyl) phthalate		24	J	14	350
Di-n-octyl phthalate		18	U	18	350
Indeno[1,2,3-cd]pyrene		23	U	23	35
Dibenz(a,h)anthracene		18	U	18	35
3,3'-Dichlorobenzidine		39	U	39	140
1,2,4,5-Tetrachlorobenzene		26	U	26	350
2,3,4,6-Tetrachlorophenol		33	U	33	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	60		28 - 92
Phenol-d5	58		22 - 88
Terphenyl-d14	74		16 - 114
2,4,6-Tribromophenol	55		10 - 95
2-Fluorophenol	55		21 - 84
2-Fluorobiphenyl	54		27 - 84

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-18 S

Lab Sample ID: 460-104194-6 Date Sampled: 11/06/2015 1055
Client Matrix: Solid % Moisture: 4.7 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	x8407.D
Dilution:	1.0			Initial Weight/Volume:	15.0234 g
Analysis Date:	11/11/2015 0802			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 1**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.30	300	J N

Client Sample ID: **PRA-10 W**

Lab Sample ID: 460-104194-7 Date Sampled: 11/06/2015 1014
Client Matrix: Solid % Moisture: 4.5 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	x8408.D
Dilution:	1.0			Initial Weight/Volume:	15.0591 g
Analysis Date:	11/11/2015 0827			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		11	U	11	340
2-Chlorophenol		8.8	U	8.8	340
2-Methylphenol		15	U	15	340
4-Methylphenol		9.4	U	9.4	340
Benzaldehyde		26	U	26	340
Acetophenone		7.5	U	7.5	340
Bis(2-chloroethyl)ether		8.1	U	8.1	34
2,2'-oxybis[1-chloropropane]		14	U	14	340
N-Nitrosodi-n-propylamine		12	U	12	34
Nitrobenzene		11	U	11	34
Hexachloroethane		13	U	13	34
Isophorone		7.4	U	7.4	140
2-Nitrophenol		12	U	12	340
2,4-Dimethylphenol		76	U	76	340
2,4-Dichlorophenol		8.1	U	8.1	140
Bis(2-chloroethoxy)methane		11	U	11	340
Naphthalene		8.8	U	8.8	340
4-Chloroaniline		8.9	U	8.9	340
Hexachlorobutadiene		9.7	U	9.7	70
Caprolactam		25	U	25	340
4-Chloro-3-methylphenol		15	U	15	340
2-Methylnaphthalene		7.6	U	7.6	340
Hexachlorobenzene		14	U	14	34
Hexachlorocyclopentadiene		21	U	21	340
2,4,6-Trichlorophenol		9.8	U	9.8	140
2,4,5-Trichlorophenol		34	U	34	340
Diphenyl		29	U	29	340
2-Chloronaphthalene		7.8	U	7.8	340
2-Nitroaniline		11	U	11	340
2,6-Dinitrotoluene		18	U	18	70
Dimethyl phthalate		10	U	10	340
Acenaphthylene		8.9	U	8.9	340
3-Nitroaniline		10	U	10	340
Acenaphthene		8.3	U	8.3	340
4-Nitrophenol		170	U	170	700
2,4-Dinitrophenol		260	U	260	280
Dibenzofuran		10	U	10	340
Diethyl phthalate		9.8	U	9.8	340
Fluorene		7.5	U	7.5	340
Fluoranthene		10	U	10	340
Di-n-butyl phthalate		10	U	10	340
2,4-Dinitrotoluene		14	U	14	70
4-Chlorophenyl phenyl ether		10	U	10	340
4-Nitroaniline		13	U	13	340
4,6-Dinitro-2-methylphenol		92	U	92	280
4-Bromophenyl phenyl ether		11	U	11	340

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-10 W

Lab Sample ID: 460-104194-7 Date Sampled: 11/06/2015 1014
Client Matrix: Solid % Moisture: 4.5 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	x8408.D
Dilution:	1.0			Initial Weight/Volume:	15.0591 g
Analysis Date:	11/11/2015 0827			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		15	U	15	140
Anthracene		33	U	33	340
Carbazole		8.6	U	8.6	340
Phenanthrene		9.2	U	9.2	340
Pentachlorophenol		42	U	42	280
Pyrene		16	U	16	340
Chrysene		9.4	U	9.4	340
Benzo[k]fluoranthene		15	U	15	34
Benzo[g,h,i]perylene		20	U	20	340
Benzo[b]fluoranthene		13	U	13	34
Benzo[a]pyrene		10	U	10	34
Benzo[a]anthracene		29	U	29	34
N-Nitrosodiphenylamine		31	U *	31	340
Butyl benzyl phthalate		11	U	11	340
Bis(2-ethylhexyl) phthalate		19	J	13	340
Di-n-octyl phthalate		18	U	18	340
Indeno[1,2,3-cd]pyrene		23	U	23	34
Dibenz(a,h)anthracene		18	U	18	34
3,3'-Dichlorobenzidine		39	U	39	140
1,2,4,5-Tetrachlorobenzene		26	U	26	340
2,3,4,6-Tetrachlorophenol		32	U	32	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	49		28 - 92
Phenol-d5	45		22 - 88
Terphenyl-d14	58		16 - 114
2,4,6-Tribromophenol	48		10 - 95
2-Fluorophenol	44		21 - 84
2-Fluorobiphenyl	45		27 - 84

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-10 W

Lab Sample ID: 460-104194-7 Date Sampled: 11/06/2015 1014
Client Matrix: Solid % Moisture: 4.5 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	x8408.D
Dilution:	1.0			Initial Weight/Volume:	15.0591 g
Analysis Date:	11/11/2015 0827			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
629-59-4	Tetradecane	6.80	480	J N
31295-56-4	Dodecane, 2,6,11-trimethyl-	7.12	530	J N
544-76-3	Hexadecane	7.82	720	J N
55045-11-9	Tridecane, 5-propyl-	8.04	1200	J N
1000130-97-9	E-15-Heptadecenal	8.12	420	J N
112-88-9	1-Octadecene	8.22	710	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.30	3600	J N
18435-45-5	1-Nonadecene	8.38	500	J N
18435-45-5	1-Nonadecene	8.43	600	J N
1000130-87-5	Z-8-Hexadecene	8.48	1000	J N
	Unknown	8.51	680	J
	Unknown	8.57	450	J
	Unknown	8.60	490	J
18435-45-5	1-Nonadecene	8.65	420	J N
593-45-3	Octadecane	8.73	1400	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.76	2300	J N
544-76-3	Hexadecane	9.10	440	J N
629-92-5	Nonadecane	9.15	1100	J N
112-95-8	Eicosane	9.55	860	J N
629-94-7	Heneicosane	9.93	490	J N

Client Sample ID: **PRA-18-SE**

Lab Sample ID: 460-104194-8 Date Sampled: 11/06/2015 1020
Client Matrix: Solid % Moisture: 4.5 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	x8409.D
Dilution:	1.0			Initial Weight/Volume:	15.0522 g
Analysis Date:	11/11/2015 0851			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		11	U	11	340
2-Chlorophenol		8.8	U	8.8	340
2-Methylphenol		15	U	15	340
4-Methylphenol		9.4	U	9.4	340
Benzaldehyde		26	U	26	340
Acetophenone		7.5	U	7.5	340
Bis(2-chloroethyl)ether		8.1	U	8.1	34
2,2'-oxybis[1-chloropropane]		14	U	14	340
N-Nitrosodi-n-propylamine		12	U	12	34
Nitrobenzene		11	U	11	34
Hexachloroethane		13	U	13	34
Isophorone		7.4	U	7.4	140
2-Nitrophenol		12	U	12	340
2,4-Dimethylphenol		76	U	76	340
2,4-Dichlorophenol		8.1	U	8.1	140
Bis(2-chloroethoxy)methane		11	U	11	340
Naphthalene		8.8	U	8.8	340
4-Chloroaniline		8.9	U	8.9	340
Hexachlorobutadiene		9.7	U	9.7	70
Caprolactam		25	U	25	340
4-Chloro-3-methylphenol		15	U	15	340
2-Methylnaphthalene		7.6	U	7.6	340
Hexachlorobenzene		14	U	14	34
Hexachlorocyclopentadiene		21	U	21	340
2,4,6-Trichlorophenol		9.8	U	9.8	140
2,4,5-Trichlorophenol		34	U	34	340
Diphenyl		29	U	29	340
2-Chloronaphthalene		7.8	U	7.8	340
2-Nitroaniline		11	U	11	340
2,6-Dinitrotoluene		18	U	18	70
Dimethyl phthalate		10	U	10	340
Acenaphthylene		8.9	U	8.9	340
3-Nitroaniline		10	U	10	340
Acenaphthene		8.3	U	8.3	340
4-Nitrophenol		170	U	170	700
2,4-Dinitrophenol		260	U	260	280
Dibenzofuran		10	U	10	340
Diethyl phthalate		9.8	U	9.8	340
Fluorene		7.5	U	7.5	340
Fluoranthene		10	U	10	340
Di-n-butyl phthalate		10	U	10	340
2,4-Dinitrotoluene		14	U	14	70
4-Chlorophenyl phenyl ether		10	U	10	340
4-Nitroaniline		13	U	13	340
4,6-Dinitro-2-methylphenol		92	U	92	280
4-Bromophenyl phenyl ether		11	U	11	340

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-18-SE

Lab Sample ID: 460-104194-8 Date Sampled: 11/06/2015 1020
Client Matrix: Solid % Moisture: 4.5 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	x8409.D
Dilution:	1.0			Initial Weight/Volume:	15.0522 g
Analysis Date:	11/11/2015 0851			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		15	U	15	140
Anthracene		33	U	33	340
Carbazole		8.6	U	8.6	340
Phenanthrene		9.2	U	9.2	340
Pentachlorophenol		42	U	42	280
Pyrene		16	U	16	340
Chrysene		9.4	U	9.4	340
Benzo[k]fluoranthene		15	U	15	34
Benzo[g,h,i]perylene		20	U	20	340
Benzo[b]fluoranthene		13	U	13	34
Benzo[a]pyrene		10	U	10	34
Benzo[a]anthracene		29	U	29	34
N-Nitrosodiphenylamine		31	U *	31	340
Butyl benzyl phthalate		11	U	11	340
Bis(2-ethylhexyl) phthalate		26	J	13	340
Di-n-octyl phthalate		18	U	18	340
Indeno[1,2,3-cd]pyrene		23	U	23	34
Dibenz(a,h)anthracene		18	U	18	34
3,3'-Dichlorobenzidine		39	U	39	140
1,2,4,5-Tetrachlorobenzene		26	U	26	340
2,3,4,6-Tetrachlorophenol		32	U	32	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	56		28 - 92
Phenol-d5	53		22 - 88
Terphenyl-d14	75		16 - 114
2,4,6-Tribromophenol	55		10 - 95
2-Fluorophenol	51		21 - 84
2-Fluorobiphenyl	49		27 - 84

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-18-SE

Lab Sample ID: 460-104194-8 Date Sampled: 11/06/2015 1020
Client Matrix: Solid % Moisture: 4.5 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	x8409.D
Dilution:	1.0			Initial Weight/Volume:	15.0522 g
Analysis Date:	11/11/2015 0851			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client Sample ID: **PRA-18-NE**

Lab Sample ID: 460-104194-9 Date Sampled: 11/06/2015 1000
Client Matrix: Solid % Moisture: 5.7 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-335005	Instrument ID:	CBNAMS12
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	L127929.D
Dilution:	1.0			Initial Weight/Volume:	15.0392 g
Analysis Date:	11/12/2015 1827			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		11	U F1	11	350
2-Chlorophenol		8.9	U F1	8.9	350
2-Methylphenol		15	U F1	15	350
4-Methylphenol		9.5	U	9.5	350
Benzaldehyde		27	U F1	27	350
Acetophenone		7.6	U	7.6	350
Bis(2-chloroethyl)ether		8.2	U F1	8.2	35
2,2'-oxybis[1-chloropropane]		14	U	14	350
N-Nitrosodi-n-propylamine		12	U	12	35
Nitrobenzene		11	U F1	11	35
Hexachloroethane		13	U F1	13	35
Isophorone		7.5	U	7.5	140
2-Nitrophenol		12	U F1	12	350
2,4-Dimethylphenol		77	U F1	77	350
2,4-Dichlorophenol		8.2	U F1	8.2	140
Bis(2-chloroethoxy)methane		11	U F1	11	350
Naphthalene		8.9	U F1	8.9	350
4-Chloroaniline		9.0	U	9.0	350
Hexachlorobutadiene		9.8	U F1	9.8	71
Caprolactam		25	U F1	25	350
4-Chloro-3-methylphenol		15	U F1	15	350
2-Methylnaphthalene		7.7	U F1	7.7	350
Hexachlorobenzene		14	U	14	35
Hexachlorocyclopentadiene		22	U	22	350
2,4,6-Trichlorophenol		9.9	U F1	9.9	140
2,4,5-Trichlorophenol		35	U F1	35	350
Diphenyl		30	U F1	30	350
2-Chloronaphthalene		7.9	U F1	7.9	350
2-Nitroaniline		12	U	12	350
2,6-Dinitrotoluene		19	U F1	19	71
Dimethyl phthalate		10	U F1	10	350
Acenaphthylene		9.0	U F1	9.0	350
3-Nitroaniline		10	U	10	350
Acenaphthene		8.5	U F1	8.5	350
4-Nitrophenol		170	U F1	170	710
2,4-Dinitrophenol		260	U F1	260	280
Dibenzofuran		11	U F1	11	350
Diethyl phthalate		9.9	U F1	9.9	350
Fluorene		7.6	U F1	7.6	350
Fluoranthene		10	U F1	10	350
Di-n-butyl phthalate		10	U F1	10	350
2,4-Dinitrotoluene		14	U F1	14	71
4-Chlorophenyl phenyl ether		10	U F1	10	350
4-Nitroaniline		13	U	13	350
4,6-Dinitro-2-methylphenol		93	U F1	93	280
4-Bromophenyl phenyl ether		11	U F1	11	350

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: **PRA-18-NE**

Lab Sample ID: 460-104194-9 Date Sampled: 11/06/2015 1000
Client Matrix: Solid % Moisture: 5.7 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-335005	Instrument ID:	CBNAMS12
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	L127929.D
Dilution:	1.0			Initial Weight/Volume:	15.0392 g
Analysis Date:	11/12/2015 1827			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		16	U	16	140
Anthracene		33	U F1	33	350
Carbazole		8.7	U F1	8.7	350
Phenanthrene		9.3	U F1	9.3	350
Pentachlorophenol		42	U F1	42	280
Pyrene		16	U	16	350
Chrysene		9.5	U F1	9.5	350
Benzo[k]fluoranthene		15	U F1	15	35
Benzo[g,h,i]perylene		20	U	20	350
Benzo[b]fluoranthene		14	U F1	14	35
Benzo[a]pyrene		11	U F1	11	35
Benzo[a]anthracene		29	U F1	29	35
N-Nitrosodiphenylamine		32	U * F1	32	350
Butyl benzyl phthalate		11	U F1	11	350
Bis(2-ethylhexyl) phthalate		14	U	14	350
Di-n-octyl phthalate		18	U	18	350
Indeno[1,2,3-cd]pyrene		23	U	23	35
Dibenz(a,h)anthracene		18	U	18	35
3,3'-Dichlorobenzidine		39	U	39	140
1,2,4,5-Tetrachlorobenzene		26	U F1	26	350
2,3,4,6-Tetrachlorophenol		33	U F1	33	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	52		28 - 92
Phenol-d5	53		22 - 88
Terphenyl-d14	70		16 - 114
2,4,6-Tribromophenol	24		10 - 95
2-Fluorophenol	52		21 - 84
2-Fluorobiphenyl	46		27 - 84

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-18-NE

Lab Sample ID: 460-104194-9 Date Sampled: 11/06/2015 1000
Client Matrix: Solid % Moisture: 5.7 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-335005	Instrument ID:	CBNAMS12
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	L127929.D
Dilution:	1.0			Initial Weight/Volume:	15.0392 g
Analysis Date:	11/12/2015 1827			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 1**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
6311-48-4	Dibenzylidene 4,4'-biphenylenediamine	13.78	2000	J N

Client Sample ID: **PRA-20-N**

Lab Sample ID: 460-104194-10 Date Sampled: 11/06/2015 1125
Client Matrix: Solid % Moisture: 5.2 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	x8412.D
Dilution:	1.0			Initial Weight/Volume:	15.0343 g
Analysis Date:	11/11/2015 1002			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		11	U	11	350
2-Chlorophenol		8.8	U	8.8	350
2-Methylphenol		15	U	15	350
4-Methylphenol		9.5	U	9.5	350
Benzaldehyde		27	U	27	350
Acetophenone		7.6	U	7.6	350
Bis(2-chloroethyl)ether		8.2	U	8.2	35
2,2'-oxybis[1-chloropropane]		14	U	14	350
N-Nitrosodi-n-propylamine		12	U	12	35
Nitrobenzene		11	U	11	35
Hexachloroethane		13	U	13	35
Isophorone		7.5	U	7.5	140
2-Nitrophenol		12	U	12	350
2,4-Dimethylphenol		77	U	77	350
2,4-Dichlorophenol		8.2	U	8.2	140
Bis(2-chloroethoxy)methane		11	U	11	350
Naphthalene		8.8	U	8.8	350
4-Chloroaniline		8.9	U	8.9	350
Hexachlorobutadiene		9.8	U	9.8	71
Caprolactam		25	U	25	350
4-Chloro-3-methylphenol		15	U	15	350
2-Methylnaphthalene		7.7	U	7.7	350
Hexachlorobenzene		14	U	14	35
Hexachlorocyclopentadiene		22	U	22	350
2,4,6-Trichlorophenol		9.9	U	9.9	140
2,4,5-Trichlorophenol		35	U	35	350
Diphenyl		30	U	30	350
2-Chloronaphthalene		7.9	U	7.9	350
2-Nitroaniline		11	U	11	350
2,6-Dinitrotoluene		19	U	19	71
Dimethyl phthalate		10	U	10	350
Acenaphthylene		8.9	U	8.9	350
3-Nitroaniline		10	U	10	350
Acenaphthene		8.4	U	8.4	350
4-Nitrophenol		170	U	170	710
2,4-Dinitrophenol		260	U	260	280
Dibenzofuran		11	U	11	350
Diethyl phthalate		9.9	U	9.9	350
Fluorene		7.6	U	7.6	350
Fluoranthene		10	U	10	350
Di-n-butyl phthalate		10	U	10	350
2,4-Dinitrotoluene		14	U	14	71
4-Chlorophenyl phenyl ether		10	U	10	350
4-Nitroaniline		13	U	13	350
4,6-Dinitro-2-methylphenol		93	U	93	280
4-Bromophenyl phenyl ether		11	U	11	350

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-20-N

Lab Sample ID: 460-104194-10 Date Sampled: 11/06/2015 1125
Client Matrix: Solid % Moisture: 5.2 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	x8412.D
Dilution:	1.0			Initial Weight/Volume:	15.0343 g
Analysis Date:	11/11/2015 1002			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		15	U	15	140
Anthracene		33	U	33	350
Carbazole		8.6	U	8.6	350
Phenanthrene		9.3	U	9.3	350
Pentachlorophenol		42	U	42	280
Pyrene		16	U	16	350
Chrysene		9.5	U	9.5	350
Benzo[k]fluoranthene		15	U	15	35
Benzo[g,h,i]perylene		20	U	20	350
Benzo[b]fluoranthene		14	U	14	35
Benzo[a]pyrene		11	U	11	35
Benzo[a]anthracene		29	U	29	35
N-Nitrosodiphenylamine		32	U *	32	350
Butyl benzyl phthalate		11	U	11	350
Bis(2-ethylhexyl) phthalate		14	U	14	350
Di-n-octyl phthalate		18	U	18	350
Indeno[1,2,3-cd]pyrene		23	U	23	35
Dibenz(a,h)anthracene		18	U	18	35
3,3'-Dichlorobenzidine		39	U	39	140
1,2,4,5-Tetrachlorobenzene		26	U	26	350
2,3,4,6-Tetrachlorophenol		33	U	33	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	62		28 - 92
Phenol-d5	57		22 - 88
Terphenyl-d14	74		16 - 114
2,4,6-Tribromophenol	64		10 - 95
2-Fluorophenol	56		21 - 84
2-Fluorobiphenyl	57		27 - 84

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-20-N

Lab Sample ID: 460-104194-10 Date Sampled: 11/06/2015 1125
Client Matrix: Solid % Moisture: 5.2 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	x8412.D
Dilution:	1.0			Initial Weight/Volume:	15.0343 g
Analysis Date:	11/11/2015 1002			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 16**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	6.78	290	J N
3891-98-3	Dodecane, 2,6,10-trimethyl-	7.12	320	J N
1000100-23-6	Decahydro-8a-ethyl-1,1,4a,6-tetramethyln	7.26	420	J N
	Unknown	7.56	470	J
31295-56-4	Dodecane, 2,6,11-trimethyl-	7.65	380	J N
1000156-09-4	Tetrapentacontane, 1,54-dibromo-	7.82	530	J N
	Unknown	7.93	500	J
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.04	1500	J N
	Unknown	8.19	540	J
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.30	4600	J N
74685-33-9	3-Eicosene, (E)-	8.49	830	J N
1560-92-5	Hexadecane, 2-methyl-	8.52	590	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.76	3300	J N
55030-62-1	Tridecane, 4,8-dimethyl-	8.87	480	J N
54833-48-6	Heptadecane, 2,6,10,15-tetramethyl-	9.10	950	J N
	Unknown	9.13	470	J

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: DUP-2015_11_06_01

Lab Sample ID: 460-104194-20 Date Sampled: 11/06/2015 0000
Client Matrix: Solid % Moisture: 4.8 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	x8410.D
Dilution:	1.0			Initial Weight/Volume:	15.0177 g
Analysis Date:	11/11/2015 0914			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		11	U	11	350
2-Chlorophenol		8.8	U	8.8	350
2-Methylphenol		15	U	15	350
4-Methylphenol		9.4	U	9.4	350
Benzaldehyde		26	U	26	350
Acetophenone		7.6	U	7.6	350
Bis(2-chloroethyl)ether		8.2	U	8.2	35
2,2'-oxybis[1-chloropropane]		14	U	14	350
N-Nitrosodi-n-propylamine		12	U	12	35
Nitrobenzene		11	U	11	35
Hexachloroethane		13	U	13	35
Isophorone		7.4	U	7.4	140
2-Nitrophenol		12	U	12	350
2,4-Dimethylphenol		76	U	76	350
2,4-Dichlorophenol		8.2	U	8.2	140
Bis(2-chloroethoxy)methane		11	U	11	350
Naphthalene		8.8	U	8.8	350
4-Chloroaniline		8.9	U	8.9	350
Hexachlorobutadiene		9.8	U	9.8	70
Caprolactam		25	U	25	350
4-Chloro-3-methylphenol		15	U	15	350
2-Methylnaphthalene		7.7	U	7.7	350
Hexachlorobenzene		14	U	14	35
Hexachlorocyclopentadiene		22	U	22	350
2,4,6-Trichlorophenol		9.9	U	9.9	140
2,4,5-Trichlorophenol		35	U	35	350
Diphenyl		30	U	30	350
2-Chloronaphthalene		7.9	U	7.9	350
2-Nitroaniline		11	U	11	350
2,6-Dinitrotoluene		18	U	18	70
Dimethyl phthalate		10	U	10	350
Acenaphthylene		8.9	U	8.9	350
3-Nitroaniline		10	U	10	350
Acenaphthene		8.4	U	8.4	350
4-Nitrophenol		170	U	170	700
2,4-Dinitrophenol		260	U	260	280
Dibenzofuran		10	U	10	350
Diethyl phthalate		9.9	U	9.9	350
Fluorene		7.6	U	7.6	350
Fluoranthene		10	U	10	350
Di-n-butyl phthalate		10	U	10	350
2,4-Dinitrotoluene		14	U	14	70
4-Chlorophenyl phenyl ether		10	U	10	350
4-Nitroaniline		13	U	13	350
4,6-Dinitro-2-methylphenol		92	U	92	280
4-Bromophenyl phenyl ether		11	U	11	350

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: DUP-2015_11_06_01

Lab Sample ID: 460-104194-20 Date Sampled: 11/06/2015 0000
Client Matrix: Solid % Moisture: 4.8 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	x8410.D
Dilution:	1.0			Initial Weight/Volume:	15.0177 g
Analysis Date:	11/11/2015 0914			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		15	U	15	140
Anthracene		33	U	33	350
Carbazole		8.6	U	8.6	350
Phenanthrene		9.2	U	9.2	350
Pentachlorophenol		42	U	42	280
Pyrene		16	U	16	350
Chrysene		9.4	U	9.4	350
Benzo[k]fluoranthene		15	U	15	35
Benzo[g,h,i]perylene		20	U	20	350
Benzo[b]fluoranthene		14	U	14	35
Benzo[a]pyrene		10	U	10	35
Benzo[a]anthracene		29	U	29	35
N-Nitrosodiphenylamine		31	U *	31	350
Butyl benzyl phthalate		11	U	11	350
Bis(2-ethylhexyl) phthalate		14	U	14	350
Di-n-octyl phthalate		18	U	18	350
Indeno[1,2,3-cd]pyrene		23	U	23	35
Dibenz(a,h)anthracene		18	U	18	35
3,3'-Dichlorobenzidine		39	U	39	140
1,2,4,5-Tetrachlorobenzene		26	U	26	350
2,3,4,6-Tetrachlorophenol		33	U	33	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	62		28 - 92
Phenol-d5	58		22 - 88
Terphenyl-d14	86		16 - 114
2,4,6-Tribromophenol	32		10 - 95
2-Fluorophenol	53		21 - 84
2-Fluorobiphenyl	57		27 - 84

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: **DUP-2015_11_06_01**

Lab Sample ID: 460-104194-20 Date Sampled: 11/06/2015 0000
Client Matrix: Solid % Moisture: 4.8 Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-334425	Lab File ID:	x8410.D
Dilution:	1.0			Initial Weight/Volume:	15.0177 g
Analysis Date:	11/11/2015 0914			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client Sample ID: FB-20151106

Lab Sample ID: 460-104194-23FB
Client Matrix: Water

Date Sampled: 11/06/2015 1350
Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334836	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-334367	Lab File ID:	M966525.D
Dilution:	1.0			Initial Weight/Volume:	250 mL
Analysis Date:	11/12/2015 2102			Final Weight/Volume:	2 mL
Prep Date:	11/10/2015 1108			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	0.41	U	0.41	10
2-Chlorophenol	0.74	U	0.74	10
2-Methylphenol	1.3	U	1.3	10
4-Methylphenol	0.87	U	0.87	10
Benzaldehyde	0.86	U	0.86	10
Acetophenone	1.0	U	1.0	10
Bis(2-chloroethyl)ether	0.12	U	0.12	1.0
2,2'-oxybis[1-chloropropane]	0.93	U	0.93	10
N-Nitrosodi-n-propylamine	0.83	U	0.83	1.0
Nitrobenzene	0.49	U	0.49	1.0
Hexachloroethane	0.090	U	0.090	1.0
Isophorone	0.67	U	0.67	10
2-Nitrophenol	0.59	U	0.59	10
2,4-Dimethylphenol	0.91	U	0.91	10
2,4-Dichlorophenol	0.63	U	0.63	10
Bis(2-chloroethoxy)methane	0.69	U	0.69	10
Naphthalene	0.80	U	0.80	10
4-Chloroaniline	0.73	U	0.73	10
Hexachlorobutadiene	0.76	U	0.76	1.0
Caprolactam	1.1	U	1.1	10
4-Chloro-3-methylphenol	0.76	U	0.76	10
2-Methylnaphthalene	0.88	U	0.88	10
Hexachlorobenzene	0.47	U	0.47	1.0
Hexachlorocyclopentadiene	0.61	U	0.61	10
2,4,6-Trichlorophenol	0.53	U	0.53	10
2,4,5-Trichlorophenol	0.49	U	0.49	10
Diphenyl	0.63	U	0.63	10
2-Chloronaphthalene	0.61	U	0.61	10
2-Nitroaniline	0.65	U	0.65	10
2,6-Dinitrotoluene	0.88	U	0.88	2.0
Dimethyl phthalate	0.98	U	0.98	10
Acenaphthylene	0.65	U	0.65	10
3-Nitroaniline	0.82	U	0.82	10
Acenaphthene	0.88	U	0.88	10
4-Nitrophenol	4.7	U	4.7	20
2,4-Dinitrophenol	2.4	U	2.4	20
Dibenzofuran	0.85	U	0.85	10
Diethyl phthalate	1.0	U	1.0	10
Fluorene	0.80	U	0.80	10
Fluoranthene	0.72	U	0.72	10
Di-n-butyl phthalate	0.82	U	0.82	10
2,4-Dinitrotoluene	1.0	U	1.0	2.0
4-Chlorophenyl phenyl ether	0.96	U	0.96	10
4-Nitroaniline	0.48	U	0.48	10
4,6-Dinitro-2-methylphenol	2.0	U	2.0	20
4-Bromophenyl phenyl ether	1.0	U	1.0	10

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: FB-20151106

Lab Sample ID: 460-104194-23FB Date Sampled: 11/06/2015 1350
Client Matrix: Water Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334836	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-334367	Lab File ID:	M966525.D
Dilution:	1.0			Initial Weight/Volume:	250 mL
Analysis Date:	11/12/2015 2102			Final Weight/Volume:	2 mL
Prep Date:	11/10/2015 1108			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Atrazine	0.77	U	0.77	2.0
Anthracene	0.57	U	0.57	10
Carbazole	0.85	U	0.85	10
Phenanthrene	0.65	U	0.65	10
Pentachlorophenol	2.2	U	2.2	20
Pyrene	0.83	U	0.83	10
Chrysene	0.67	U	0.67	2.0
Benzo[k]fluoranthene	0.18	U	0.18	1.0
Benzo[g,h,i]perylene	0.75	U	0.75	10
Benzo[b]fluoranthene	0.44	U	0.44	1.0
Benzo[a]pyrene	0.16	U	0.16	1.0
Benzo[a]anthracene	0.55	U	0.55	1.0
N-Nitrosodiphenylamine	0.74	U	0.74	10
Butyl benzyl phthalate	0.60	U	0.60	10
Bis(2-ethylhexyl) phthalate	0.72	U	0.72	2.0
Di-n-octyl phthalate	0.69	U	0.69	10
Indeno[1,2,3-cd]pyrene	0.21	U	0.21	1.0
Dibenz(a,h)anthracene	0.090	U	0.090	1.0
3,3'-Dichlorobenzidine	1.0	U	1.0	10
1,2,4,5-Tetrachlorobenzene	0.43	U	0.43	10
2,3,4,6-Tetrachlorophenol	0.69	U	0.69	10

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	81		62 - 120
Phenol-d5	32		10 - 53
Terphenyl-d14	88		57 - 125
2,4,6-Tribromophenol	63		43 - 126
2-Fluorophenol	43		13 - 77
2-Fluorobiphenyl	69		63 - 113

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: FB-20151106

Lab Sample ID: 460-104194-23FB Date Sampled: 11/06/2015 1350
Client Matrix: Water Date Received: 11/06/2015 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334836	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-334367	Lab File ID:	M966525.D
Dilution:	1.0			Initial Weight/Volume:	250 mL
Analysis Date:	11/12/2015 2102			Final Weight/Volume:	2 mL
Prep Date:	11/10/2015 1108			Injection Volume:	5 uL

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-25S_1.75

Lab Sample ID: 460-104194-1 Date Sampled: 11/06/2015 1245
Client Matrix: Solid % Moisture: 6.8 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0013 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1530			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		9.6	U	9.6	72
Aroclor 1221		9.6	U	9.6	72
Aroclor 1232		9.6	U	9.6	72
Aroclor 1242		9.6	U	9.6	72
Aroclor 1248		9.6	U	9.6	72
Aroclor 1254		9.9	U	9.9	72
Aroclor 1260		9.9	U	9.9	72
Aroclor 1262		9.9	U	9.9	72
Aroclor 1268		9.9	U	9.9	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	119		47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-25S_1.75

Lab Sample ID: 460-104194-1 Date Sampled: 11/06/2015 1245
Client Matrix: Solid % Moisture: 6.8 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0013 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1530			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	110		47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-25S-3.75

Lab Sample ID: 460-104194-2 Date Sampled: 11/06/2015 1247
Client Matrix: Solid % Moisture: 5.1 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0080 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1614			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		9.4	U	9.4	71
Aroclor 1221		9.4	U	9.4	71
Aroclor 1232		9.4	U	9.4	71
Aroclor 1242		9.4	U	9.4	71
Aroclor 1248		9.4	U	9.4	71
Aroclor 1254		9.7	U	9.7	71
Aroclor 1260		60	J	9.7	71
Aroclor 1262		9.7	U	9.7	71
Aroclor 1268		9.7	U	9.7	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	116		47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-25S-3.75

Lab Sample ID: 460-104194-2 Date Sampled: 11/06/2015 1247
Client Matrix: Solid % Moisture: 5.1 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0080 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1614			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	111		47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-25S 8.25

Lab Sample ID: 460-104194-3 Date Sampled: 11/06/2015 1249
Client Matrix: Solid % Moisture: 4.3 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0093 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1628			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		9.3	U	9.3	70
Aroclor 1221		9.3	U	9.3	70
Aroclor 1232		9.3	U	9.3	70
Aroclor 1242		9.3	U	9.3	70
Aroclor 1248		360		9.3	70
Aroclor 1254		9.6	U	9.6	70
Aroclor 1260		63	J	9.6	70
Aroclor 1262		9.6	U	9.6	70
Aroclor 1268		9.6	U	9.6	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	109		47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-25S 8.25

Lab Sample ID: 460-104194-3 Date Sampled: 11/06/2015 1249
Client Matrix: Solid % Moisture: 4.3 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0093 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1628			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	107		47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-25S 11.25

Lab Sample ID: 460-104194-4 Date Sampled: 11/06/2015 1251
Client Matrix: Solid % Moisture: 13.0 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0067 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1643			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		10	U	10	77
Aroclor 1221		10	U	10	77
Aroclor 1232		10	U	10	77
Aroclor 1242		10	U	10	77
Aroclor 1248		10	U	10	77
Aroclor 1254		11	U	11	77
Aroclor 1260		11	U	11	77
Aroclor 1262		11	U	11	77
Aroclor 1268		11	U	11	77

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	110		47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-25S 11.25

Lab Sample ID: 460-104194-4 Date Sampled: 11/06/2015 1251
Client Matrix: Solid % Moisture: 13.0 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0067 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1643			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	104		47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-23 NW

Lab Sample ID: 460-104194-5 Date Sampled: 11/06/2015 0830
Client Matrix: Solid % Moisture: 9.4 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0049 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1658			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		9.8	U	9.8	74
Aroclor 1221		9.8	U	9.8	74
Aroclor 1232		9.8	U	9.8	74
Aroclor 1242		9.8	U	9.8	74
Aroclor 1248		9.8	U	9.8	74
Aroclor 1254		10	U	10	74
Aroclor 1260		10	U	10	74
Aroclor 1262		10	U	10	74
Aroclor 1268		10	U	10	74

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	118		47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-23 NW

Lab Sample ID: 460-104194-5 Date Sampled: 11/06/2015 0830
Client Matrix: Solid % Moisture: 9.4 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0049 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1658			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	114		47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-18 S

Lab Sample ID: 460-104194-6 Date Sampled: 11/06/2015 1055
Client Matrix: Solid % Moisture: 4.7 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0278 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1712			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		9.3	U	9.3	70
Aroclor 1221		9.3	U	9.3	70
Aroclor 1232		9.3	U	9.3	70
Aroclor 1242		9.3	U	9.3	70
Aroclor 1248		9.3	U	9.3	70
Aroclor 1254		9.6	U	9.6	70
Aroclor 1260		9.6	U	9.6	70
Aroclor 1262		9.6	U	9.6	70
Aroclor 1268		9.6	U	9.6	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	117		47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-18 S

Lab Sample ID: 460-104194-6 Date Sampled: 11/06/2015 1055
Client Matrix: Solid % Moisture: 4.7 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0278 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1712			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	112		47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-10 W

Lab Sample ID: 460-104194-7 Date Sampled: 11/06/2015 1014
Client Matrix: Solid % Moisture: 4.5 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0042 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1727			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		9.3	U	9.3	70
Aroclor 1221		9.3	U	9.3	70
Aroclor 1232		9.3	U	9.3	70
Aroclor 1242		9.3	U	9.3	70
Aroclor 1248		9.3	U	9.3	70
Aroclor 1254		9.6	U	9.6	70
Aroclor 1260		9.6	U	9.6	70
Aroclor 1262		9.6	U	9.6	70
Aroclor 1268		9.6	U	9.6	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	120		47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-10 W

Lab Sample ID: 460-104194-7 Date Sampled: 11/06/2015 1014
Client Matrix: Solid % Moisture: 4.5 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0042 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1727			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	112		47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-18-SE

Lab Sample ID: 460-104194-8 Date Sampled: 11/06/2015 1020
Client Matrix: Solid % Moisture: 4.5 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0105 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1741			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		9.3	U	9.3	70
Aroclor 1221		9.3	U	9.3	70
Aroclor 1232		9.3	U	9.3	70
Aroclor 1242		9.3	U	9.3	70
Aroclor 1248		9.3	U	9.3	70
Aroclor 1254		9.6	U	9.6	70
Aroclor 1260		9.6	U	9.6	70
Aroclor 1262		9.6	U	9.6	70
Aroclor 1268		9.6	U	9.6	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	123		47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-18-SE

Lab Sample ID: 460-104194-8 Date Sampled: 11/06/2015 1020
Client Matrix: Solid % Moisture: 4.5 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0105 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1741			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	117		47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-18-NE

Lab Sample ID: 460-104194-9 Date Sampled: 11/06/2015 1000
Client Matrix: Solid % Moisture: 5.7 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0093 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1756			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		9.4	U	9.4	71
Aroclor 1221		9.4	U	9.4	71
Aroclor 1232		9.4	U	9.4	71
Aroclor 1242		9.4	U	9.4	71
Aroclor 1248		100		9.4	71
Aroclor 1254		9.7	U	9.7	71
Aroclor 1260		9.7	U	9.7	71
Aroclor 1262		9.7	U	9.7	71
Aroclor 1268		9.7	U	9.7	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	116		47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-18-NE

Lab Sample ID: 460-104194-9 Date Sampled: 11/06/2015 1000
Client Matrix: Solid % Moisture: 5.7 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0093 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1756			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	111		47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: **PRA-20-N**

Lab Sample ID: 460-104194-10 Date Sampled: 11/06/2015 1125
Client Matrix: Solid % Moisture: 5.2 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0044 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1810			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		9.4	U	9.4	71
Aroclor 1221		9.4	U	9.4	71
Aroclor 1232		9.4	U	9.4	71
Aroclor 1242		9.4	U	9.4	71
Aroclor 1248		9.4	U	9.4	71
Aroclor 1254		9.7	U	9.7	71
Aroclor 1260		9.7	U	9.7	71
Aroclor 1262		9.7	U	9.7	71
Aroclor 1268		9.7	U	9.7	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	114		47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: **PRA-20-N**

Lab Sample ID: 460-104194-10 Date Sampled: 11/06/2015 1125
Client Matrix: Solid % Moisture: 5.2 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0044 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1810			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	110		47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PMP-15-NW2-WT

Lab Sample ID: 460-104194-11 Date Sampled: 11/06/2015 0918
Client Matrix: Solid % Moisture: 9.2 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0060 g
Dilution:	500			Final Weight/Volume:	10 mL
Analysis Date:	11/12/2015 0619			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		4900	U	4900	37000
Aroclor 1221		4900	U	4900	37000
Aroclor 1232		4900	U	4900	37000
Aroclor 1242		350000		4900	37000
Aroclor 1248		4900	U	4900	37000
Aroclor 1254		5100	U	5100	37000
Aroclor 1260		5100	U	5100	37000
Aroclor 1262		5100	U	5100	37000
Aroclor 1268		5100	U	5100	37000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: **PMP-15-NW2-WT**

Lab Sample ID: 460-104194-11 Date Sampled: 11/06/2015 0918
Client Matrix: Solid % Moisture: 9.2 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0060 g
Dilution:	500			Final Weight/Volume:	10 mL
Analysis Date:	11/12/2015 0619			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PMP-16-NW2-WT

Lab Sample ID: 460-104194-12 Date Sampled: 11/06/2015 0905
Client Matrix: Solid % Moisture: 5.4 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0121 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	11/12/2015 0633			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		190	U	190	1400
Aroclor 1221		190	U	190	1400
Aroclor 1232		190	U	190	1400
Aroclor 1242		21000		190	1400
Aroclor 1248		190	U	190	1400
Aroclor 1254		190	U	190	1400
Aroclor 1260		1900		190	1400
Aroclor 1262		190	U	190	1400
Aroclor 1268		190	U	190	1400

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	161	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PMP-16-NW2-WT

Lab Sample ID: 460-104194-12 Date Sampled: 11/06/2015 0905
Client Matrix: Solid % Moisture: 5.4 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0121 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	11/12/2015 0633			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	150	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PMP-17-NW2-WT

Lab Sample ID: 460-104194-13 Date Sampled: 11/06/2015 0952
Client Matrix: Solid % Moisture: 5.4 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0081 g
Dilution:	200			Final Weight/Volume:	10 mL
Analysis Date:	11/12/2015 0648			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		1900	U	1900	14000
Aroclor 1221		1900	U	1900	14000
Aroclor 1232		1900	U	1900	14000
Aroclor 1242		210000		1900	14000
Aroclor 1248		1900	U	1900	14000
Aroclor 1254		1900	U	1900	14000
Aroclor 1260		1900	U	1900	14000
Aroclor 1262		1900	U	1900	14000
Aroclor 1268		1900	U	1900	14000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: **PMP-17-NW2-WT**

Lab Sample ID: 460-104194-13 Date Sampled: 11/06/2015 0952
Client Matrix: Solid % Moisture: 5.4 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0081 g
Dilution:	200			Final Weight/Volume:	10 mL
Analysis Date:	11/12/2015 0648			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PMP-18-NW2-WT

Lab Sample ID: 460-104194-14 Date Sampled: 11/06/2015 1045
Client Matrix: Solid % Moisture: 5.4 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0342 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	11/12/2015 0702			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		940	U	940	7100
Aroclor 1221		940	U	940	7100
Aroclor 1232		940	U	940	7100
Aroclor 1242		52000		940	7100
Aroclor 1248		940	U	940	7100
Aroclor 1254		970	U	970	7100
Aroclor 1260		970	U	970	7100
Aroclor 1262		970	U	970	7100
Aroclor 1268		970	U	970	7100

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: **PMP-18-NW2-WT**

Lab Sample ID: 460-104194-14 Date Sampled: 11/06/2015 1045
Client Matrix: Solid % Moisture: 5.4 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0342 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	11/12/2015 0702			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PMP-19-NW2-WT

Lab Sample ID: 460-104194-15 Date Sampled: 11/06/2015 1115
Client Matrix: Solid % Moisture: 4.3 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0069 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	11/12/2015 0717			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		930	U	930	7000
Aroclor 1221		930	U	930	7000
Aroclor 1232		930	U	930	7000
Aroclor 1242		59000		930	7000
Aroclor 1248		930	U	930	7000
Aroclor 1254		960	U	960	7000
Aroclor 1260		960	U	960	7000
Aroclor 1262		960	U	960	7000
Aroclor 1268		960	U	960	7000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PMP-19-NW2-WT

Lab Sample ID: 460-104194-15 Date Sampled: 11/06/2015 1115
Client Matrix: Solid % Moisture: 4.3 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0069 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	11/12/2015 0717			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PMP-20-NW2-WT

Lab Sample ID: 460-104194-16 Date Sampled: 11/06/2015 1210
Client Matrix: Solid % Moisture: 8.3 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0044 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	11/12/2015 0731			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		490	U	490	3700
Aroclor 1221		490	U	490	3700
Aroclor 1232		490	U	490	3700
Aroclor 1242		44000		490	3700
Aroclor 1248		490	U	490	3700
Aroclor 1254		500	U	500	3700
Aroclor 1260		500	U	500	3700
Aroclor 1262		500	U	500	3700
Aroclor 1268		500	U	500	3700

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	128	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: **PMP-20-NW2-WT**

Lab Sample ID: 460-104194-16 Date Sampled: 11/06/2015 1210
Client Matrix: Solid % Moisture: 8.3 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0044 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	11/12/2015 0731			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	121	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PMP-20-NW2-S

Lab Sample ID: 460-104194-17 Date Sampled: 11/06/2015 1212
Client Matrix: Solid % Moisture: 13.5 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0084 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	11/12/2015 0746			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		210	U	210	1500
Aroclor 1221		210	U	210	1500
Aroclor 1232		210	U	210	1500
Aroclor 1242		26000		210	1500
Aroclor 1248		210	U	210	1500
Aroclor 1254		210	U	210	1500
Aroclor 1260		210	U	210	1500
Aroclor 1262		210	U	210	1500
Aroclor 1268		210	U	210	1500

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	128	p D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PMP-20-NW2-S

Lab Sample ID: 460-104194-17 Date Sampled: 11/06/2015 1212
Client Matrix: Solid % Moisture: 13.5 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0084 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	11/12/2015 0746			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	204	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PMP-26-NW2-WT

Lab Sample ID: 460-104194-18 Date Sampled: 11/06/2015 1155
Client Matrix: Solid % Moisture: 9.0 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0060 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	11/12/2015 0801			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		200	U	200	1500
Aroclor 1221		200	U	200	1500
Aroclor 1232		200	U	200	1500
Aroclor 1242		17000		200	1500
Aroclor 1248		200	U	200	1500
Aroclor 1254		200	U	200	1500
Aroclor 1260		200	U	200	1500
Aroclor 1262		200	U	200	1500
Aroclor 1268		200	U	200	1500

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	130	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: **PMP-26-NW2-WT**

Lab Sample ID: 460-104194-18 Date Sampled: 11/06/2015 1155
Client Matrix: Solid % Moisture: 9.0 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0060 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	11/12/2015 0801			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	128	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: DUP-2015_2_11_06

Lab Sample ID: 460-104194-19 Date Sampled: 11/06/2015 0000
Client Matrix: Solid % Moisture: 8.4 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0209 g
Dilution:	200			Final Weight/Volume:	10 mL
Analysis Date:	11/12/2015 0814			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		1900	U	1900	15000
Aroclor 1221		1900	U	1900	15000
Aroclor 1232		1900	U	1900	15000
Aroclor 1242		230000		1900	15000
Aroclor 1248		1900	U	1900	15000
Aroclor 1254		2000	U	2000	15000
Aroclor 1260		2000	U	2000	15000
Aroclor 1262		2000	U	2000	15000
Aroclor 1268		2000	U	2000	15000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: DUP-2015_2_11_06

Lab Sample ID: 460-104194-19 Date Sampled: 11/06/2015 0000
Client Matrix: Solid % Moisture: 8.4 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0209 g
Dilution:	200			Final Weight/Volume:	10 mL
Analysis Date:	11/12/2015 0814			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: DUP-2015_11_06_01

Lab Sample ID: 460-104194-20 Date Sampled: 11/06/2015 0000
Client Matrix: Solid % Moisture: 4.8 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0193 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/12/2015 0828			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		9.3	U	9.3	70
Aroclor 1221		9.3	U	9.3	70
Aroclor 1232		9.3	U	9.3	70
Aroclor 1242		350		9.3	70
Aroclor 1248		9.3	U	9.3	70
Aroclor 1254		9.6	U	9.6	70
Aroclor 1260		9.6	U	9.6	70
Aroclor 1262		9.6	U	9.6	70
Aroclor 1268		9.6	U	9.6	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	104		47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: DUP-2015_11_06_01

Lab Sample ID: 460-104194-20 Date Sampled: 11/06/2015 0000
Client Matrix: Solid % Moisture: 4.8 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334588	Initial Weight/Volume:	15.0193 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/12/2015 0828			Injection Volume:	1 uL
Prep Date:	11/11/2015 0525			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	100		47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PMP-27_NW2_WT

Lab Sample ID: 460-104194-21 Date Sampled: 11/06/2015 1220
Client Matrix: Solid % Moisture: 6.1 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334586	Initial Weight/Volume:	15.0361 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	11/12/2015 1011			Injection Volume:	1 uL
Prep Date:	11/11/2015 0521			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		470	U	470	3600
Aroclor 1221		470	U	470	3600
Aroclor 1232		470	U	470	3600
Aroclor 1242		28000		470	3600
Aroclor 1248		470	U	470	3600
Aroclor 1254		490	U	490	3600
Aroclor 1260		2100	J	490	3600
Aroclor 1262		490	U	490	3600
Aroclor 1268		490	U	490	3600

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	138	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: **PMP-27_NW2_WT**

Lab Sample ID: 460-104194-21 Date Sampled: 11/06/2015 1220
Client Matrix: Solid % Moisture: 6.1 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334586	Initial Weight/Volume:	15.0361 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	11/12/2015 1011			Injection Volume:	1 uL
Prep Date:	11/11/2015 0521			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	132	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PMP-28_NW2_WT

Lab Sample ID: 460-104194-22 Date Sampled: 11/06/2015 0935
Client Matrix: Solid % Moisture: 2.0 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334586	Initial Weight/Volume:	15.0425 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/12/2015 0338			Injection Volume:	1 uL
Prep Date:	11/11/2015 0521			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		9.1	U	9.1	68
Aroclor 1221		9.1	U	9.1	68
Aroclor 1232		9.1	U	9.1	68
Aroclor 1242		1300		9.1	68
Aroclor 1248		9.1	U	9.1	68
Aroclor 1254		9.4	U	9.4	68
Aroclor 1260		9.4	U	9.4	68
Aroclor 1262		1000		9.4	68
Aroclor 1268		9.4	U	9.4	68

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	125		47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PMP-28_NW2_WT

Lab Sample ID: 460-104194-22 Date Sampled: 11/06/2015 0935
Client Matrix: Solid % Moisture: 2.0 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334586	Initial Weight/Volume:	15.0425 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/12/2015 0338			Injection Volume:	1 uL
Prep Date:	11/11/2015 0521			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	117		47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: FB-20151106

Lab Sample ID: 460-104194-23FB Date Sampled: 11/06/2015 1350
Client Matrix: Water Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334730	Instrument ID:	CPESTGC9
Prep Method:	3510C	Prep Batch:	460-334069	Initial Weight/Volume:	240 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	11/11/2015 1832			Injection Volume:	1 uL
Prep Date:	11/09/2015 1014			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor 1016	0.10	U	0.10	0.42
Aroclor 1221	0.10	U	0.10	0.42
Aroclor 1232	0.10	U	0.10	0.42
Aroclor 1242	0.10	U	0.10	0.42
Aroclor 1248	0.10	U	0.10	0.42
Aroclor 1254	0.088	U	0.088	0.42
Aroclor 1260	0.088	U	0.088	0.42
Aroclor 1262	0.088	U	0.088	0.42
Aroclor 1268	0.088	U	0.088	0.42

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	24		10 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: FB-20151106

Lab Sample ID: 460-104194-23FB Date Sampled: 11/06/2015 1350
Client Matrix: Water Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334730	Instrument ID:	CPESTGC9
Prep Method:	3510C	Prep Batch:	460-334069	Initial Weight/Volume:	240 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	11/11/2015 1832			Injection Volume:	1 uL
Prep Date:	11/09/2015 1014			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	21		10 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PMP-13_NW2_WT

Lab Sample ID: 460-104194-25 Date Sampled: 11/06/2015 0845
Client Matrix: Solid % Moisture: 6.3 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334586	Initial Weight/Volume:	15.0228 g
Dilution:	500			Final Weight/Volume:	10 mL
Analysis Date:	11/12/2015 1026			Injection Volume:	1 uL
Prep Date:	11/11/2015 0521			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		4700	U	4700	36000
Aroclor 1221		4700	U	4700	36000
Aroclor 1232		4700	U	4700	36000
Aroclor 1242		250000		4700	36000
Aroclor 1248		4700	U	4700	36000
Aroclor 1254		4900	U	4900	36000
Aroclor 1260		4900	U	4900	36000
Aroclor 1262		4900	U	4900	36000
Aroclor 1268		4900	U	4900	36000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: **PMP-13_NW2_WT**

Lab Sample ID: 460-104194-25 Date Sampled: 11/06/2015 0845
Client Matrix: Solid % Moisture: 6.3 Date Received: 11/06/2015 1630

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-334586	Initial Weight/Volume:	15.0228 g
Dilution:	500			Final Weight/Volume:	10 mL
Analysis Date:	11/12/2015 1026			Injection Volume:	1 uL
Prep Date:	11/11/2015 0521			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: **PRA-25S_1.75**

Lab Sample ID: 460-104194-1 Date Sampled: 11/06/2015 1245
Client Matrix: Solid % Moisture: 6.8 Date Received: 11/06/2015 1630

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334844	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-334700	Lab File ID:	GC2F8008.D
Dilution:	1.0			Initial Weight/Volume:	15.0244 g
Analysis Date:	11/12/2015 0847			Final Weight/Volume:	1 mL
Prep Date:	11/11/2015 1336			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.9	U	5.9	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	82		23 - 104
Chlorobenzene	74		22 - 92

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-25S-3.75

Lab Sample ID: 460-104194-2 Date Sampled: 11/06/2015 1247
Client Matrix: Solid % Moisture: 5.1 Date Received: 11/06/2015 1630

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334844	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-334700	Lab File ID:	GC2F8009.D
Dilution:	1.0			Initial Weight/Volume:	15.0443 g
Analysis Date:	11/12/2015 0859			Final Weight/Volume:	1 mL
Prep Date:	11/11/2015 1336			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.8	U	5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	70		23 - 104
Chlorobenzene	63		22 - 92

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-25S 8.25

Lab Sample ID: 460-104194-3 Date Sampled: 11/06/2015 1249
Client Matrix: Solid % Moisture: 4.3 Date Received: 11/06/2015 1630

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334844	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-334700	Lab File ID:	GC2F8007.D
Dilution:	1.0			Initial Weight/Volume:	15.0131 g
Analysis Date:	11/12/2015 0835			Final Weight/Volume:	1 mL
Prep Date:	11/11/2015 1336			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.7	U	5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	80		23 - 104
Chlorobenzene	69		22 - 92

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-25S 11.25

Lab Sample ID: 460-104194-4 Date Sampled: 11/06/2015 1251
Client Matrix: Solid % Moisture: 13.0 Date Received: 11/06/2015 1630

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334844	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-334700	Lab File ID:	GC2F8010.D
Dilution:	1.0			Initial Weight/Volume:	15.0275 g
Analysis Date:	11/12/2015 0911			Final Weight/Volume:	1 mL
Prep Date:	11/11/2015 1336			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.3	U	6.3	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	71		23 - 104
Chlorobenzene	63		22 - 92

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-23 NW

Lab Sample ID: 460-104194-5 Date Sampled: 11/06/2015 0830
Client Matrix: Solid % Moisture: 9.4 Date Received: 11/06/2015 1630

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334844	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-334700	Lab File ID:	GC2F8011.D
Dilution:	5.0			Initial Weight/Volume:	15.0118 g
Analysis Date:	11/12/2015 0923	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	11/11/2015 1336			Injection Volume:	1 uL

Analyte (DryWt Corrected: Y)	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)	340	D	30	30

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	106	D X	23 - 104
Chlorobenzene	45	D	22 - 92

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-18 S

Lab Sample ID: 460-104194-6 Date Sampled: 11/06/2015 1055
Client Matrix: Solid % Moisture: 4.7 Date Received: 11/06/2015 1630

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334844	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-334700	Lab File ID:	GC2F8012.D
Dilution:	1.0			Initial Weight/Volume:	15.0147 g
Analysis Date:	11/12/2015 0935			Final Weight/Volume:	1 mL
Prep Date:	11/11/2015 1336			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		15		5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	83		23 - 104
Chlorobenzene	69		22 - 92

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-10 W

Lab Sample ID: 460-104194-7 Date Sampled: 11/06/2015 1014
Client Matrix: Solid % Moisture: 4.5 Date Received: 11/06/2015 1630

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334844	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-334700	Lab File ID:	GC2F8015.D
Dilution:	5.0			Initial Weight/Volume:	15.0224 g
Analysis Date:	11/12/2015 1011	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	11/11/2015 1336			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		340	D	29	29

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	145	D X	23 - 104
Chlorobenzene	45	D	22 - 92

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: **PRA-18-SE**

Lab Sample ID: 460-104194-8 Date Sampled: 11/06/2015 1020
Client Matrix: Solid % Moisture: 4.5 Date Received: 11/06/2015 1630

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334844	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-334700	Lab File ID:	GC2F8016.D
Dilution:	1.0			Initial Weight/Volume:	15.0132 g
Analysis Date:	11/12/2015 1023			Final Weight/Volume:	1 mL
Prep Date:	11/11/2015 1336			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.8	U	5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	78		23 - 104
Chlorobenzene	70		22 - 92

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: PRA-18-NE

Lab Sample ID: 460-104194-9 Date Sampled: 11/06/2015 1000
Client Matrix: Solid % Moisture: 5.7 Date Received: 11/06/2015 1630

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334844	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-334700	Lab File ID:	GC2F8017.D
Dilution:	1.0			Initial Weight/Volume:	15.0561 g
Analysis Date:	11/12/2015 1035			Final Weight/Volume:	1 mL
Prep Date:	11/11/2015 1336			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.8	U	5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	75		23 - 104
Chlorobenzene	64		22 - 92

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: **PRA-20-N**

Lab Sample ID: 460-104194-10 Date Sampled: 11/06/2015 1125
Client Matrix: Solid % Moisture: 5.2 Date Received: 11/06/2015 1630

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334844	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-334700	Lab File ID:	GC2F8018.D
Dilution:	2.0			Initial Weight/Volume:	15.0331 g
Analysis Date:	11/12/2015 1047	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	11/11/2015 1336			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		350	D	12	12

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	173	D X	23 - 104
Chlorobenzene	64	D	22 - 92

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: **DUP-2015_11_06_01**

Lab Sample ID: 460-104194-20 Date Sampled: 11/06/2015 0000
Client Matrix: Solid % Moisture: 4.8 Date Received: 11/06/2015 1630

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334844	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-334700	Lab File ID:	GC2F8019.D
Dilution:	1.0			Initial Weight/Volume:	15.0222 g
Analysis Date:	11/12/2015 1059			Final Weight/Volume:	1 mL
Prep Date:	11/11/2015 1336			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.8	U	5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	58		23 - 104
Chlorobenzene	54		22 - 92

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: **PMP-28_NW2_WT**

Lab Sample ID: 460-104194-22 Date Sampled: 11/06/2015 0935
Client Matrix: Solid % Moisture: 2.0 Date Received: 11/06/2015 1630

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334844	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-334700	Lab File ID:	GC2F8020.D
Dilution:	1.0			Initial Weight/Volume:	15.0154 g
Analysis Date:	11/12/2015 1111			Final Weight/Volume:	1 mL
Prep Date:	11/11/2015 1336			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		22		5.6	5.6

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	78		23 - 104
Chlorobenzene	63		22 - 92

Client: Antea USA, Inc. Job Number: 460-104194-1

Client Sample ID: FB-20151106

Lab Sample ID: 460-104194-23FB Date Sampled: 11/06/2015 1350
Client Matrix: Water Date Received: 11/06/2015 1630

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334844	Instrument ID:	CBNAGC2
Prep Method:	3510C	Prep Batch:	460-334886	Lab File ID:	GC2F8024.D
Dilution:	1.0			Initial Weight/Volume:	980 mL
Analysis Date:	11/12/2015 1159			Final Weight/Volume:	1 mL
Prep Date:	11/12/2015 0751			Injection Volume:	1 uL

Analyte	Result (mg/L)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)	0.084	U	0.084	0.084

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	70		28 - 121
Chlorobenzene	67		26 - 98

General Chemistry

Client Sample ID: **PRA-25S_1.75**

Lab Sample ID: 460-104194-1 Date Sampled: 11/06/2015 1245
Client Matrix: Solid Date Received: 11/06/2015 1630

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	6.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N
Percent Solids	93.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N

General Chemistry

Client Sample ID: **PRA-25S-3.75**

Lab Sample ID: 460-104194-2 Date Sampled: 11/06/2015 1247
Client Matrix: Solid Date Received: 11/06/2015 1630

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N
Percent Solids	94.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N

General Chemistry

Client Sample ID: **PRA-25S 8.25**

Lab Sample ID: 460-104194-3 Date Sampled: 11/06/2015 1249
Client Matrix: Solid Date Received: 11/06/2015 1630

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	4.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N
Percent Solids	95.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N

General Chemistry

Client Sample ID: **PRA-25S 11.25**

Lab Sample ID: 460-104194-4 Date Sampled: 11/06/2015 1251
Client Matrix: Solid Date Received: 11/06/2015 1630

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	13.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N
Percent Solids	87.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N

General Chemistry

Client Sample ID: **PRA-23 NW**

Lab Sample ID: 460-104194-5 Date Sampled: 11/06/2015 0830
Client Matrix: Solid Date Received: 11/06/2015 1630

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	9.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N
Percent Solids	90.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N

General Chemistry

Client Sample ID: **PRA-18 S**

Lab Sample ID: 460-104194-6 Date Sampled: 11/06/2015 1055
Client Matrix: Solid Date Received: 11/06/2015 1630

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	4.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N
Percent Solids	95.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N

General Chemistry

Client Sample ID: **PRA-10 W**

Lab Sample ID: 460-104194-7 Date Sampled: 11/06/2015 1014
Client Matrix: Solid Date Received: 11/06/2015 1630

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	4.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N
Percent Solids	95.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N

General Chemistry

Client Sample ID: **PRA-18-SE**

Lab Sample ID: 460-104194-8 Date Sampled: 11/06/2015 1020
Client Matrix: Solid Date Received: 11/06/2015 1630

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	4.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N
Percent Solids	95.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N

General Chemistry

Client Sample ID: **PRA-18-NE**

Lab Sample ID: 460-104194-9 Date Sampled: 11/06/2015 1000
Client Matrix: Solid Date Received: 11/06/2015 1630

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N
Percent Solids	94.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N

General Chemistry

Client Sample ID: **PRA-20-N**

Lab Sample ID: 460-104194-10 Date Sampled: 11/06/2015 1125
Client Matrix: Solid Date Received: 11/06/2015 1630

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N
Percent Solids	94.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-15-NW2-WT**

Lab Sample ID: 460-104194-11 Date Sampled: 11/06/2015 0918
Client Matrix: Solid Date Received: 11/06/2015 1630

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	9.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N
Percent Solids	90.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-16-NW2-WT**

Lab Sample ID: 460-104194-12 Date Sampled: 11/06/2015 0905
Client Matrix: Solid Date Received: 11/06/2015 1630

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N
Percent Solids	94.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-17-NW2-WT**

Lab Sample ID: 460-104194-13 Date Sampled: 11/06/2015 0952
Client Matrix: Solid Date Received: 11/06/2015 1630

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N
Percent Solids	94.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-18-NW2-WT**

Lab Sample ID: 460-104194-14 Date Sampled: 11/06/2015 1045
Client Matrix: Solid Date Received: 11/06/2015 1630

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N
Percent Solids	94.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-19-NW2-WT**

Lab Sample ID: 460-104194-15 Date Sampled: 11/06/2015 1115
Client Matrix: Solid Date Received: 11/06/2015 1630

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	4.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N
Percent Solids	95.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-20-NW2-WT**

Lab Sample ID: 460-104194-16 Date Sampled: 11/06/2015 1210
Client Matrix: Solid Date Received: 11/06/2015 1630

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	8.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N
Percent Solids	91.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-20-NW2-S**

Lab Sample ID: 460-104194-17 Date Sampled: 11/06/2015 1212
Client Matrix: Solid Date Received: 11/06/2015 1630

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	13.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N
Percent Solids	86.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-26-NW2-WT**

Lab Sample ID: 460-104194-18 Date Sampled: 11/06/2015 1155
Client Matrix: Solid Date Received: 11/06/2015 1630

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	9.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N
Percent Solids	91.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N

General Chemistry

Client Sample ID: **DUP-2015_2_11_06**

Lab Sample ID: 460-104194-19 Date Sampled: 11/06/2015 0000
Client Matrix: Solid Date Received: 11/06/2015 1630

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	8.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N
Percent Solids	91.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334672	Analysis Date: 11/11/2015 1048						DryWt Corrected: N

General Chemistry

Client Sample ID: **DUP-2015_11_06_01**

Lab Sample ID: 460-104194-20 Date Sampled: 11/06/2015 0000
Client Matrix: Solid Date Received: 11/06/2015 1630

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	4.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334674	Analysis Date: 11/11/2015 1107						DryWt Corrected: N
Percent Solids	95.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334674	Analysis Date: 11/11/2015 1107						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-27_NW2_WT**

Lab Sample ID: 460-104194-21 Date Sampled: 11/06/2015 1220
Client Matrix: Solid Date Received: 11/06/2015 1630

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	6.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334674	Analysis Date: 11/11/2015 1107						DryWt Corrected: N
Percent Solids	93.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334674	Analysis Date: 11/11/2015 1107						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-28_NW2_WT**

Lab Sample ID: 460-104194-22 Date Sampled: 11/06/2015 0935
Client Matrix: Solid Date Received: 11/06/2015 1630

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	2.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334674	Analysis Date: 11/11/2015 1107						DryWt Corrected: N
Percent Solids	98.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334674	Analysis Date: 11/11/2015 1107						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-13_NW2_WT**

Lab Sample ID: 460-104194-25 Date Sampled: 11/06/2015 0845
Client Matrix: Solid Date Received: 11/06/2015 1630

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	6.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334674	Analysis Date: 11/11/2015 1107						DryWt Corrected: N
Percent Solids	93.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334674	Analysis Date: 11/11/2015 1107						DryWt Corrected: N

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
460-104194-1	PRA-25S_1.75	108	107	101	107
460-104194-2	PRA-25S-3.75	103	102	90	96
460-104194-3	PRA-25S 8.25	121	125	107	113
460-104194-4	PRA-25S 11.25	118	114	102	109
460-104194-5	PRA-23 NW	107	104	94	102
460-104194-6	PRA-18 S	102	103	90	97
460-104194-7	PRA-10 W	103	105	91	98
460-104194-8	PRA-18-SE	126	128	108	118
460-104194-9	PRA-18-NE	109	108	93	98
460-104194-10	PRA-20-N	117	117	102	110
460-104194-12	PMP-16-NW2-WT	112	114	103	115
460-104194-20	DUP-2015_11_06_01	124	128	105	107
460-104194-22	PMP-28_NW2_WT	132	132	109	110
460-104194-24	Trip Blank	135	134	120	123
MB 460-334208/6		113	108	109	116
MB 460-334289/7		106	104	95	95
LCS 460-334208/3		98	95	92	100
LCS 460-334289/4		131	125	119	122
LCSD 460-334208/4		118	114	111	120
LCSD 460-334289/5		111	106	100	102

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	61-149
DCA = 1,2-Dichloroethane-d4 (Surr)	78-135
TOL = Toluene-d8 (Surr)	73-121
BFB = Bromofluorobenzene	67-126

Client: Antea USA, Inc. Job Number: 460-104194-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
460-104194-11	PMP-15-NW2-WT	121	118	113	111
460-104194-15	PMP-19-NW2-WT	125	124	121	113
460-104194-21	PMP-27_NW2_WT	117	115	114	109
MB 460-334211/7		105	99	106	103
MB 460-334504/8		100	95	102	97
LCS 460-334211/3		123	109	123	118
LCS 460-334504/4		98	93	100	99
LCSD 460-334211/5		104	93	100	99
LCSD 460-334504/5		104	95	102	100

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	74-134
DCA = 1,2-Dichloroethane-d4 (Surr)	69-145
TOL = Toluene-d8 (Surr)	72-136
BFB = Bromofluorobenzene	64-131

Client: Antea USA, Inc. Job Number: 460-104194-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
460-104194-23	FB-20151106	98	87	80	95
MB 460-334455/7		100	86	81	93
LCS 460-334455/4		100	89	83	94
460-104036-B-1 MS		100	90	81	93
460-104036-B-1 MSD		101	92	81	91

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	72-136
DCA = 1,2-Dichloroethane-d4 (Surr)	70-137
TOL = Toluene-d8 (Surr)	74-120
BFB = Bromofluorobenzene	70-131

Surrogate Recovery Report

8270D Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-104194-1	PRA-25S_1.75	59	60	64	56	54	81
460-104194-2	PRA-25S-3.75	45	41	54	54	26	35
460-104194-3	PRA-25S 8.25	56	59	61	53	57	76
460-104194-4	PRA-25S 11.25	53	55	58	51	53	75
460-104194-5	PRA-23 NW	58	59	65	62	64	78
460-104194-6	PRA-18 S	55	58	60	54	55	74
460-104194-7	PRA-10 W	44	45	49	45	48	58
460-104194-8	PRA-18-SE	51	53	56	49	55	75
460-104194-9	PRA-18-NE	52	53	52	46	24	70
460-104194-10	PRA-20-N	56	57	62	57	64	74
460-104194-20	DUP-2015_11_06_01	53	58	62	57	32	86
MB 460-334425/1-A		72	77	80	69	82	99
LCS 460-334425/2-A		69	73	74	68	79	92
LCS 460-334425/3-A		78	79	83	72	80	101
460-104194-9 MS	PRA-18-NE MS	52	56	56	53	53	72
460-104194-9 MSD	PRA-18-NE MSD	50	54	56	51	49	68

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	21-84
PHL = Phenol-d5	22-88
NBZ = Nitrobenzene-d5	28-92
FBP = 2-Fluorobiphenyl	27-84
TBP = 2,4,6-Tribromophenol	10-95
TPH = Terphenyl-d14	16-114

Client: Antea USA, Inc. Job Number: 460-104194-1

Surrogate Recovery Report

8270D Semivolatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-104194-23	FB-20151106	43	32	81	69	63	88
MB 460-334367/1-A		38	29	80	72	72	80
LCS 460-334367/2-A		36	25	77	64	74	88
LCS 460-334367/4-A		37	26	79	62X	57	94
LCSD 460-334367/3-A		41	27	82	65	78	83
LCSD 460-334367/5-A		41	29	87	71	70	92

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	13-77
PHL = Phenol-d5	10-53
NBZ = Nitrobenzene-d5	62-120
FBP = 2-Fluorobiphenyl	63-113
TBP = 2,4,6-Tribromophenol	43-126
TPH = Terphenyl-d14	57-125

Surrogate Recovery Report

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-104194-1	PRA-25S_1.75	119	110
460-104194-2	PRA-25S-3.75	116	111
460-104194-3	PRA-25S 8.25	109	107
460-104194-4	PRA-25S 11.25	110	104
460-104194-5	PRA-23 NW	118	114
460-104194-6	PRA-18 S	117	112
460-104194-7	PRA-10 W	120	112
460-104194-8	PRA-18-SE	123	117
460-104194-9	PRA-18-NE	116	111
460-104194-10	PRA-20-N	114	110
460-104194-11	PMP-15-NW2-WT	0X D	0X D
460-104194-12	PMP-16-NW2-WT	150D	161X D
460-104194-13	PMP-17-NW2-WT	0X D	0X D
460-104194-14	PMP-18-NW2-WT	0X D	0X D
460-104194-15	PMP-19-NW2-WT	0X D	0X D
460-104194-16	PMP-20-NW2-WT	128D	121D
460-104194-17	PMP-20-NW2-S	128p D	204X D
460-104194-18	PMP-26-NW2-WT	130D	128D
460-104194-19	DUP-2015_2_11_06	0X D	0X D
460-104194-20	DUP-2015_11_06_01	104	100
460-104194-21	PMP-27_NW2_WT	138D	132D
460-104194-22	PMP-28_NW2_WT	125	117
460-104194-25	PMP-13_NW2_WT	0X D	0X D
MB 460-334586/1-A		120	114
MB 460-334588/1-A		111	100
LCS 460-334586/2-A		121	117
LCS 460-334588/2-A		112	103
460-104194-1 MS	PRA-25S_1.75 MS	108	103
460-104183-A-23-A MS		121	117

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	47-150

Client: Antea USA, Inc. Job Number: 460-104194-1

Surrogate Recovery Report

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-104194-1 MSD	PRA-25S_1.75 MSD	115	107
460-104183-A-23-B MSD		125	123

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	47-150

Client: Antea USA, Inc.

Job Number: 460-104194-1

Surrogate Recovery Report

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-104194-23	FB-20151106	24	21
MB 460-334069/1-A		46	47
LCS 460-334069/2-A		72	75
LCSD 460-334069/3-A		74	70

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	10-150

Surrogate Recovery Report

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	CB %Rec	OTPH %Rec
460-104194-1	PRA-25S_1.75	74	82
460-104194-2	PRA-25S-3.75	63	70
460-104194-3	PRA-25S 8.25	69	80
460-104194-4	PRA-25S 11.25	63	71
460-104194-5 DL	PRA-23 NW DL	45D	106D X
460-104194-6	PRA-18 S	69	83
460-104194-7 DL	PRA-10 W DL	45D	145D X
460-104194-8	PRA-18-SE	70	78
460-104194-9	PRA-18-NE	64	75
460-104194-10 DL	PRA-20-N DL	64D	173D X
460-104194-20	DUP-2015_11_06_01	54	58
460-104194-22	PMP-28_NW2_WT	63	78
MB 460-334700/1-A		82	87
LCS 460-334700/2-A		86	96
460-104194-3 MS	PRA-25S 8.25 MS	81	85
460-104194-3 MSD	PRA-25S 8.25 MSD	75	80

Surrogate	Acceptance Limits
CB = Chlorobenzene	22-92
OTPH = o-Terphenyl	23-104

Client: Antea USA, Inc.

Job Number: 460-104194-1

Surrogate Recovery Report

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	CB %Rec	OTPH %Rec
460-104194-23	FB-20151106	67	70
MB 460-334886/1-A		62	62
LCS 460-334886/2-A		76	78
LCSD 460-334886/3-A		77	84

Surrogate	Acceptance Limits
CB = Chlorobenzene	26-98
OTPH = o-Terphenyl	28-121

Method Blank - Batch: 460-334208

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-334208/6	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D16319.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 0205	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.38	U	0.38	1.0
Bromomethane	0.32	U	0.32	1.0
Vinyl chloride	0.39	U	0.39	1.0
Chloroethane	0.35	U	0.35	1.0
Methylene Chloride	0.32	U	0.32	1.0
Acetone	1.1	U	1.1	5.0
Carbon disulfide	0.43	U	0.43	1.0
Trichlorofluoromethane	0.34	U	0.34	1.0
1,1-Dichloroethene	0.41	U	0.41	1.0
1,1-Dichloroethane	0.34	U	0.34	1.0
trans-1,2-Dichloroethene	0.39	U	0.39	1.0
cis-1,2-Dichloroethene	0.22	U	0.22	1.0
Chloroform	0.21	U	0.21	1.0
2-Butanone	0.77	U	0.77	5.0
1,2-Dichloroethane	0.11	U	0.11	1.0
1,1,1-Trichloroethane	0.38	U	0.38	1.0
Carbon tetrachloride	0.43	U	0.43	1.0
Benzene	0.20	U	0.20	1.0
Bromoform	0.13	U	0.13	1.0
Styrene	0.15	U	0.15	1.0
Ethylbenzene	0.18	U	0.18	1.0
Chlorobenzene	0.14	U	0.14	1.0
Cyclohexane	0.46	U	0.46	1.0
Isopropylbenzene	0.17	U	0.17	1.0
2-Hexanone	0.94	U	0.94	5.0
MTBE	0.17	U	0.17	1.0
Freon TF	0.44	U	0.44	1.0
Methyl acetate	0.90	U	0.90	5.0
1,4-Dioxane	6.4	U	6.4	20
Trichloroethene	0.26	U	0.26	1.0
Toluene	0.19	U	0.19	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
4-Methyl-2-pentanone	2.2	U	2.2	5.0
cis-1,3-Dichloropropene	0.15	U	0.15	1.0
1,2-Dichlorobenzene	0.14	U	0.14	1.0
1,3-Dichlorobenzene	0.12	U	0.12	1.0
1,4-Dichlorobenzene	0.13	U	0.13	1.0
1,2,4-Trichlorobenzene	0.32	U	0.32	1.0
1,2,3-Trichlorobenzene	0.11	U	0.11	1.0
1,2-Dichloropropane	0.17	U	0.17	1.0
Methylcyclohexane	0.50	U	0.50	1.0
Tetrachloroethene	0.28	U	0.28	1.0
Xylenes, Total	0.11	U	0.11	2.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
1,1,2,2-Tetrachloroethane	0.17	U	0.17	1.0

Client: Antea USA, Inc. Job Number: 460-104194-1

Method Blank - Batch: 460-334208

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-334208/6	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D16319.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 0205	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	0.28	U	0.28	1.0
Dibromochloromethane	0.15	U	0.15	1.0
1,2-Dibromoethane	0.12	U	0.12	1.0
Dichlorodifluoromethane	0.32	U	0.32	1.0
Bromochloromethane	0.17	U	0.17	1.0
Bromodichloromethane	0.38	U	0.38	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108	78 - 135
Toluene-d8 (Surr)	109	73 - 121
Bromofluorobenzene	116	67 - 126
Dibromofluoromethane (Surr)	113	61 - 149

Method Blank TICs- Batch: 460-334208

Cas Number	Analyte	RT	Est. Result (ug/	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-104194-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-334208

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334208/3	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D16316.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 0037	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-334208/4	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D16317.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 0102	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	92	93	73 - 130	1	30		
Bromomethane	97	98	74 - 125	1	30		
Vinyl chloride	98	99	77 - 130	1	30		
Chloroethane	95	94	63 - 143	1	30		
Methylene Chloride	90	93	80 - 120	3	30		
Acetone	90	98	66 - 150	8	30		
Carbon disulfide	91	94	82 - 127	3	30		
Trichlorofluoromethane	104	101	73 - 134	2	30		
1,1-Dichloroethene	96	97	80 - 120	1	30		
1,1-Dichloroethane	99	100	83 - 131	1	30		
trans-1,2-Dichloroethene	93	91	86 - 126	3	30		
cis-1,2-Dichloroethene	93	95	80 - 120	2	30		
Chloroform	99	102	80 - 120	3	30		
2-Butanone	84	89	58 - 150	5	30		
1,2-Dichloroethane	100	103	75 - 132	2	30		
1,1,1-Trichloroethane	100	100	78 - 139	0	30		
Carbon tetrachloride	102	101	62 - 150	1	30		
Benzene	91	93	78 - 122	3	30		
Bromoform	104	107	47 - 150	3	30		
Styrene	95	97	80 - 120	2	30		
Ethylbenzene	94	95	80 - 120	2	30		
Chlorobenzene	93	95	80 - 120	3	30		
Cyclohexane	99	99	77 - 137	0	30		
Isopropylbenzene	95	96	80 - 120	1	30		
2-Hexanone	98	100	75 - 137	1	30		
MTBE	97	100	80 - 120	3	30		
Freon TF	98	97	83 - 136	1	30		
Methyl acetate	101	110	66 - 150	8	30		
1,4-Dioxane	89	97	80 - 128	9	30		
Trichloroethene	96	95	80 - 120	1	30		
Toluene	89	90	80 - 120	1	30		
trans-1,3-Dichloropropene	95	97	73 - 118	2	30		
4-Methyl-2-pentanone	95	98	81 - 121	3	30		
cis-1,3-Dichloropropene	95	97	75 - 118	2	30		
1,2-Dichlorobenzene	93	96	80 - 120	3	30		
1,3-Dichlorobenzene	94	94	80 - 120	0	30		

Client: Antea USA, Inc. Job Number: 460-104194-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-334208

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334208/3	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D16316.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 0037	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-334208/4	Analysis Batch:	460-334208	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D16317.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 0102	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	92	94	80 - 120	2	30		
1,2,4-Trichlorobenzene	98	100	77 - 116	2	30		
1,2,3-Trichlorobenzene	99	103	77 - 116	4	30		
1,2-Dichloropropane	98	99	77 - 124	1	30		
Methylcyclohexane	98	95	84 - 127	3	30		
Tetrachloroethene	99	100	68 - 130	0	30		
Xylenes, Total	94	96	80 - 120	3	30		
1,2-Dibromo-3-Chloropropane	95	106	63 - 131	11	30		
1,1,2,2-Tetrachloroethane	95	100	64 - 128	5	30		
1,1,2-Trichloroethane	94	99	76 - 118	6	30		
Dibromochloromethane	98	104	68 - 132	6	30		
1,2-Dibromoethane	96	100	80 - 120	5	30		
Dichlorodifluoromethane	95	95	73 - 122	0	30		
Bromochloromethane	94	98	73 - 132	4	30		
Bromodichloromethane	98	99	76 - 130	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	114	78 - 135
Toluene-d8 (Surr)	92	111	73 - 121
Bromofluorobenzene	100	120	67 - 126

Client: Antea USA, Inc. Job Number: 460-104194-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-334208

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334208/3	Units: ug/Kg	LCSD Lab Sample ID:	LCSD 460-334208/4
Client Matrix:	Solid		Client Matrix:	Solid
Dilution:	1.0		Dilution:	1.0
Analysis Date:	11/10/2015 0037		Analysis Date:	11/10/2015 0102
Prep Date:	N/A		Prep Date:	N/A
Leach Date:	N/A		Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	18.5	18.7
Bromomethane	20.0	20.0	19.3	19.5
Vinyl chloride	20.0	20.0	19.6	19.7
Chloroethane	20.0	20.0	19.1	18.8
Methylene Chloride	20.0	20.0	17.9	18.5
Acetone	100	100	90.3	97.7
Carbon disulfide	20.0	20.0	18.2	18.7
Trichlorofluoromethane	20.0	20.0	20.8	20.3
1,1-Dichloroethene	20.0	20.0	19.2	19.4
1,1-Dichloroethane	20.0	20.0	19.8	20.0
trans-1,2-Dichloroethene	20.0	20.0	18.6	18.1
cis-1,2-Dichloroethene	20.0	20.0	18.6	19.0
Chloroform	20.0	20.0	19.8	20.4
2-Butanone	100	100	84.1	88.7
1,2-Dichloroethane	20.0	20.0	20.1	20.5
1,1,1-Trichloroethane	20.0	20.0	20.1	20.0
Carbon tetrachloride	20.0	20.0	20.4	20.3
Benzene	20.0	20.0	18.1	18.7
Bromoform	20.0	20.0	20.9	21.5
Styrene	20.0	20.0	19.0	19.3
Ethylbenzene	20.0	20.0	18.8	19.1
Chlorobenzene	20.0	20.0	18.6	19.1
Cyclohexane	20.0	20.0	19.8	19.8
Isopropylbenzene	20.0	20.0	19.0	19.2
2-Hexanone	100	100	98.2	99.7
MTBE	20.0	20.0	19.5	20.0
Freon TF	20.0	20.0	19.6	19.4
Methyl acetate	100	100	101	110
1,4-Dioxane	400	400	356	389
Trichloroethene	20.0	20.0	19.2	19.1
Toluene	20.0	20.0	17.8	18.0
trans-1,3-Dichloropropene	20.0	20.0	19.0	19.4
4-Methyl-2-pentanone	100	100	94.9	98.2
cis-1,3-Dichloropropene	20.0	20.0	19.0	19.5
1,2-Dichlorobenzene	20.0	20.0	18.6	19.2
1,3-Dichlorobenzene	20.0	20.0	18.8	18.8
1,4-Dichlorobenzene	20.0	20.0	18.4	18.7
1,2,4-Trichlorobenzene	20.0	20.0	19.6	19.9
1,2,3-Trichlorobenzene	20.0	20.0	19.8	20.5

Client: Antea USA, Inc. Job Number: 460-104194-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-334208

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334208/3	Units: ug/Kg	LCSD Lab Sample ID:	LCSD 460-334208/4
Client Matrix:	Solid		Client Matrix:	Solid
Dilution:	1.0		Dilution:	1.0
Analysis Date:	11/10/2015 0037		Analysis Date:	11/10/2015 0102
Prep Date:	N/A		Prep Date:	N/A
Leach Date:	N/A		Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dichloropropane	20.0	20.0	19.7	19.9
Methylcyclohexane	20.0	20.0	19.6	18.9
Tetrachloroethene	20.0	20.0	19.9	20.0
Xylenes, Total	40.0	40.0	37.5	38.4
1,2-Dibromo-3-Chloropropane	20.0	20.0	18.9	21.2
1,1,2,2-Tetrachloroethane	20.0	20.0	19.0	20.0
1,1,2-Trichloroethane	20.0	20.0	18.8	19.9
Dibromochloromethane	20.0	20.0	19.5	20.7
1,2-Dibromoethane	20.0	20.0	19.2	20.1
Dichlorodifluoromethane	20.0	20.0	18.9	18.9
Bromochloromethane	20.0	20.0	18.8	19.7
Bromodichloromethane	20.0	20.0	19.6	19.7

Client: Antea USA, Inc. Job Number: 460-104194-1

Method Blank - Batch: 460-334211

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-334211/7	Analysis Batch:	460-334211	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89761.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 0004	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	11	U	11	50
Bromomethane	9.0	U	9.0	50
Vinyl chloride	10	U	10	50
Chloroethane	19	U	19	50
Methylene Chloride	11	U	11	50
Acetone	54	U	54	250
Carbon disulfide	11	U	11	50
Trichlorofluoromethane	7.5	U	7.5	50
1,1-Dichloroethene	17	U	17	50
1,1-Dichloroethane	12	U	12	50
trans-1,2-Dichloroethene	9.0	U	9.0	50
cis-1,2-Dichloroethene	13	U	13	50
Chloroform	11	U	11	50
2-Butanone	110	U	110	250
1,2-Dichloroethane	13	U	13	50
1,1,1-Trichloroethane	14	U	14	50
Carbon tetrachloride	17	U	17	50
Benzene	9.5	U	9.5	50
Bromoform	9.0	U	9.0	50
Styrene	8.5	U	8.5	50
Ethylbenzene	15	U	15	50
Chlorobenzene	12	U	12	50
Cyclohexane	13	U	13	50
Isopropylbenzene	16	U	16	50
2-Hexanone	36	U	36	250
MTBE	6.5	U	6.5	50
Freon TF	17	U	17	50
Methyl acetate	29	U	29	250
1,4-Dioxane	440	U	440	1300
Trichloroethene	11	U	11	50
Toluene	13	U	13	50
trans-1,3-Dichloropropene	9.5	U	9.5	50
4-Methyl-2-pentanone	32	U	32	250
cis-1,3-Dichloropropene	8.0	U	8.0	50
1,2-Dichlorobenzene	11	U	11	50
1,3-Dichlorobenzene	17	U	17	50
1,4-Dichlorobenzene	17	U	17	50
1,2,4-Trichlorobenzene	14	U	14	50
1,2,3-Trichlorobenzene	18	U	18	50
1,2-Dichloropropane	9.0	U	9.0	50
Methylcyclohexane	11	U	11	50
Tetrachloroethene	18	U	18	50
Xylenes, Total	14	U	14	100
1,2-Dibromo-3-Chloropropane	12	U	12	50
1,1,2,2-Tetrachloroethane	9.5	U	9.5	50

Client: Antea USA, Inc. Job Number: 460-104194-1

Method Blank - Batch: 460-334211

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-334211/7	Analysis Batch:	460-334211	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89761.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 0004	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	4.0	U	4.0	50
Dibromochloromethane	11	U	11	50
1,2-Dibromoethane	9.5	U	9.5	50
Dichlorodifluoromethane	7.0	U	7.0	50
Bromochloromethane	15	U	15	50
Bromodichloromethane	7.5	U	7.5	50

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	69 - 145
Toluene-d8 (Surr)	106	72 - 136
Bromofluorobenzene	103	64 - 131
Dibromofluoromethane (Surr)	105	74 - 134

Method Blank TICs- Batch: 460-334211

Cas Number	Analyte	RT	Est. Result (ug/	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-104194-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-334211

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334211/3	Analysis Batch:	460-334211	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89757.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/09/2015 2227	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-334211/5	Analysis Batch:	460-334211	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89759.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/09/2015 2316	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	103	93	63 - 138	9	30		
Bromomethane	121	108	66 - 145	11	30		
Vinyl chloride	112	100	69 - 139	10	30		
Chloroethane	115	106	68 - 144	9	30		
Methylene Chloride	117	99	78 - 122	16	30		
Acetone	109	94	10 - 150	14	30		
Carbon disulfide	119	106	72 - 127	12	30		
Trichlorofluoromethane	109	98	72 - 140	10	30		
1,1-Dichloroethene	115	98	78 - 125	15	30		
1,1-Dichloroethane	125	106	78 - 123	16	30	*	
trans-1,2-Dichloroethene	112	100	79 - 123	12	30		
cis-1,2-Dichloroethene	110	95	80 - 120	15	30		
Chloroform	115	95	82 - 123	19	30		
2-Butanone	108	85	40 - 150	24	30		
1,2-Dichloroethane	100	84	75 - 122	17	30		
1,1,1-Trichloroethane	102	89	81 - 125	14	30		
Carbon tetrachloride	107	89	77 - 136	18	30		
Benzene	120	100	77 - 121	18	30		
Bromoform	116	99	68 - 124	16	30		
Styrene	108	92	80 - 120	16	30		
Ethylbenzene	107	92	80 - 120	14	30		
Chlorobenzene	109	94	84 - 114	14	30		
Cyclohexane	114	92	64 - 128	21	30		
Isopropylbenzene	106	93	81 - 124	14	30		
2-Hexanone	115	93	44 - 136	21	30		
MTBE	116	100	77 - 121	15	30		
Freon TF	116	100	69 - 135	15	30		
Methyl acetate	144	116	58 - 140	21	30	*	
1,4-Dioxane	234	165	65 - 145	34	30	*	*
Trichloroethene	111	99	82 - 122	11	30		
Toluene	115	101	80 - 120	13	30		
trans-1,3-Dichloropropene	118	101	74 - 121	15	30		
4-Methyl-2-pentanone	106	89	62 - 124	18	30		
cis-1,3-Dichloropropene	118	102	78 - 120	14	30		
1,2-Dichlorobenzene	111	92	80 - 120	19	30		
1,3-Dichlorobenzene	112	91	80 - 120	20	30		

Client: Antea USA, Inc. Job Number: 460-104194-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-334211

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334211/3	Analysis Batch:	460-334211	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89757.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/09/2015 2227	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-334211/5	Analysis Batch:	460-334211	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89759.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/09/2015 2316	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	106	93	80 - 120	13	30		
1,2,4-Trichlorobenzene	112	86	45 - 137	26	30		
1,2,3-Trichlorobenzene	111	89	35 - 143	22	30		
1,2-Dichloropropane	116	100	76 - 124	15	30		
Methylcyclohexane	110	91	55 - 133	19	30		
Tetrachloroethene	113	95	71 - 133	18	30		
Xylenes, Total	107	93	80 - 120	13	30		
1,2-Dibromo-3-Chloropropane	129	108	37 - 130	17	30		
1,1,2,2-Tetrachloroethane	129	107	59 - 130	19	30		
1,1,2-Trichloroethane	120	108	72 - 117	11	30	*	
Dibromochloromethane	111	94	83 - 121	16	30		
1,2-Dibromoethane	116	99	76 - 117	16	30		
Dichlorodifluoromethane	100	86	51 - 145	15	30		
Bromochloromethane	122	100	82 - 124	20	30		
Bromodichloromethane	109	94	78 - 122	14	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109	93	69 - 145
Toluene-d8 (Surr)	123	100	72 - 136
Bromofluorobenzene	118	99	64 - 131

Client: Antea USA, Inc. Job Number: 460-104194-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-334211

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334211/3	Units: ug/Kg	LCSD Lab Sample ID:	LCSD 460-334211/5	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	50		Dilution:	50	
Analysis Date:	11/09/2015 2227		Analysis Date:	11/09/2015 2316	
Prep Date:	N/A		Prep Date:	N/A	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual		LCSD Result/Qual	
Chloromethane	1000	1000	1030		934	
Bromomethane	1000	1000	1210		1080	
Vinyl chloride	1000	1000	1120		1000	
Chloroethane	1000	1000	1150		1060	
Methylene Chloride	1000	1000	1170		990	
Acetone	5000	5000	5430		4710	
Carbon disulfide	1000	1000	1190		1060	
Trichlorofluoromethane	1000	1000	1090		978	
1,1-Dichloroethene	1000	1000	1150		984	
1,1-Dichloroethane	1000	1000	1250	*	1060	
trans-1,2-Dichloroethene	1000	1000	1120		1000	
cis-1,2-Dichloroethene	1000	1000	1100		947	
Chloroform	1000	1000	1150		949	
2-Butanone	5000	5000	5390		4250	
1,2-Dichloroethane	1000	1000	996		842	
1,1,1-Trichloroethane	1000	1000	1020		886	
Carbon tetrachloride	1000	1000	1070		893	
Benzene	1000	1000	1200		1000	
Bromoform	1000	1000	1160		994	
Styrene	1000	1000	1080		921	
Ethylbenzene	1000	1000	1070		924	
Chlorobenzene	1000	1000	1090		939	
Cyclohexane	1000	1000	1140		924	
Isopropylbenzene	1000	1000	1060		929	
2-Hexanone	5000	5000	5740		4650	
MTBE	1000	1000	1160		1000	
Freon TF	1000	1000	1160		999	
Methyl acetate	5000	5000	7190	*	5820	
1,4-Dioxane	20000	20000	46700	*	33000	*
Trichloroethene	1000	1000	1110		986	
Toluene	1000	1000	1150		1010	
trans-1,3-Dichloropropene	1000	1000	1180		1010	
4-Methyl-2-pentanone	5000	5000	5300		4440	
cis-1,3-Dichloropropene	1000	1000	1180		1020	
1,2-Dichlorobenzene	1000	1000	1110		916	
1,3-Dichlorobenzene	1000	1000	1120		913	
1,4-Dichlorobenzene	1000	1000	1060		929	
1,2,4-Trichlorobenzene	1000	1000	1120		864	
1,2,3-Trichlorobenzene	1000	1000	1110		890	

Client: Antea USA, Inc. Job Number: 460-104194-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-334211

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334211/3	Units: ug/Kg	LCSD Lab Sample ID:	LCSD 460-334211/5	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	50		Dilution:	50	
Analysis Date:	11/09/2015 2227		Analysis Date:	11/09/2015 2316	
Prep Date:	N/A		Prep Date:	N/A	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual		LCSD Result/Qual
1,2-Dichloropropane	1000	1000	1160		999
Methylcyclohexane	1000	1000	1100		907
Tetrachloroethene	1000	1000	1130		947
Xylenes, Total	2000	2000	2140		1870
1,2-Dibromo-3-Chloropropane	1000	1000	1290		1080
1,1,2,2-Tetrachloroethane	1000	1000	1290		1070
1,1,2-Trichloroethane	1000	1000	1200	*	1080
Dibromochloromethane	1000	1000	1110		941
1,2-Dibromoethane	1000	1000	1160		992
Dichlorodifluoromethane	1000	1000	1000		862
Bromochloromethane	1000	1000	1220		999
Bromodichloromethane	1000	1000	1090		943

Method Blank - Batch: 460-334289

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-334289/7	Analysis Batch:	460-334289	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D16343.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 1215	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.38	U	0.38	1.0
Bromomethane	0.32	U	0.32	1.0
Vinyl chloride	0.39	U	0.39	1.0
Chloroethane	0.35	U	0.35	1.0
Methylene Chloride	0.32	U	0.32	1.0
Acetone	1.1	U	1.1	5.0
Carbon disulfide	0.43	U	0.43	1.0
Trichlorofluoromethane	0.34	U	0.34	1.0
1,1-Dichloroethene	0.41	U	0.41	1.0
1,1-Dichloroethane	0.34	U	0.34	1.0
trans-1,2-Dichloroethene	0.39	U	0.39	1.0
cis-1,2-Dichloroethene	0.22	U	0.22	1.0
Chloroform	0.21	U	0.21	1.0
2-Butanone	0.77	U	0.77	5.0
1,2-Dichloroethane	0.11	U	0.11	1.0
1,1,1-Trichloroethane	0.38	U	0.38	1.0
Carbon tetrachloride	0.43	U	0.43	1.0
Benzene	0.20	U	0.20	1.0
Bromoform	0.13	U	0.13	1.0
Styrene	0.15	U	0.15	1.0
Ethylbenzene	0.18	U	0.18	1.0
Chlorobenzene	0.14	U	0.14	1.0
Cyclohexane	0.46	U	0.46	1.0
Isopropylbenzene	0.17	U	0.17	1.0
2-Hexanone	0.94	U	0.94	5.0
MTBE	0.17	U	0.17	1.0
Freon TF	0.44	U	0.44	1.0
Methyl acetate	0.90	U	0.90	5.0
1,4-Dioxane	6.4	U	6.4	20
Trichloroethene	0.26	U	0.26	1.0
Toluene	0.19	U	0.19	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
4-Methyl-2-pentanone	2.2	U	2.2	5.0
cis-1,3-Dichloropropene	0.15	U	0.15	1.0
1,2-Dichlorobenzene	0.14	U	0.14	1.0
1,3-Dichlorobenzene	0.12	U	0.12	1.0
1,4-Dichlorobenzene	0.13	U	0.13	1.0
1,2,4-Trichlorobenzene	0.32	U	0.32	1.0
1,2,3-Trichlorobenzene	0.11	U	0.11	1.0
1,2-Dichloropropane	0.17	U	0.17	1.0
Methylcyclohexane	0.50	U	0.50	1.0
Tetrachloroethene	0.28	U	0.28	1.0
Xylenes, Total	0.11	U	0.11	2.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
1,1,2,2-Tetrachloroethane	0.17	U	0.17	1.0

Client: Antea USA, Inc. Job Number: 460-104194-1

Method Blank - Batch: 460-334289

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-334289/7	Analysis Batch:	460-334289	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D16343.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 1215	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	0.28	U	0.28	1.0
Dibromochloromethane	0.15	U	0.15	1.0
1,2-Dibromoethane	0.12	U	0.12	1.0
Dichlorodifluoromethane	0.32	U	0.32	1.0
Bromochloromethane	0.17	U	0.17	1.0
Bromodichloromethane	0.38	U	0.38	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	78 - 135
Toluene-d8 (Surr)	95	73 - 121
Bromofluorobenzene	95	67 - 126
Dibromofluoromethane (Surr)	106	61 - 149

Method Blank TICs- Batch: 460-334289

Cas Number	Analyte	RT	Est. Result (ug/	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-104194-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-334289

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334289/4	Analysis Batch:	460-334289	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D16340.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 1101	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-334289/5	Analysis Batch:	460-334289	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D16341.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 1125	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	110	104	73 - 130	6	30		
Bromomethane	113	106	74 - 125	6	30		
Vinyl chloride	110	105	77 - 130	5	30		
Chloroethane	110	106	63 - 143	4	30		
Methylene Chloride	108	104	80 - 120	5	30		
Acetone	114	111	66 - 150	2	30		
Carbon disulfide	100	96	82 - 127	4	30		
Trichlorofluoromethane	108	102	73 - 134	6	30		
1,1-Dichloroethene	103	98	80 - 120	5	30		
1,1-Dichloroethane	117	112	83 - 131	4	30		
trans-1,2-Dichloroethene	107	102	86 - 126	5	30		
cis-1,2-Dichloroethene	113	107	80 - 120	5	30		
Chloroform	117	112	80 - 120	4	30		
2-Butanone	98	98	58 - 150	0	30		
1,2-Dichloroethane	116	112	75 - 132	4	30		
1,1,1-Trichloroethane	108	104	78 - 139	4	30		
Carbon tetrachloride	108	101	62 - 150	6	30		
Benzene	102	97	78 - 122	5	30		
Bromoform	109	105	47 - 150	4	30		
Styrene	105	101	80 - 120	4	30		
Ethylbenzene	100	98	80 - 120	2	30		
Chlorobenzene	102	98	80 - 120	4	30		
Cyclohexane	107	103	77 - 137	4	30		
Isopropylbenzene	102	97	80 - 120	5	30		
2-Hexanone	112	108	75 - 137	3	30		
MTBE	118	117	80 - 120	1	30		
Freon TF	103	98	83 - 136	5	30		
Methyl acetate	123	118	66 - 150	4	30		
1,4-Dioxane	104	104	80 - 128	0	30		
Trichloroethene	108	103	80 - 120	5	30		
Toluene	98	95	80 - 120	3	30		
trans-1,3-Dichloropropene	107	104	73 - 118	3	30		
4-Methyl-2-pentanone	110	107	81 - 121	3	30		
cis-1,3-Dichloropropene	109	105	75 - 118	3	30		
1,2-Dichlorobenzene	102	96	80 - 120	6	30		
1,3-Dichlorobenzene	103	94	80 - 120	8	30		

Client: Antea USA, Inc. Job Number: 460-104194-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-334289

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334289/4	Analysis Batch:	460-334289	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D16340.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 1101	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-334289/5	Analysis Batch:	460-334289	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D16341.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 1125	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	99	94	80 - 120	5	30		
1,2,4-Trichlorobenzene	108	101	77 - 116	7	30		
1,2,3-Trichlorobenzene	110	101	77 - 116	9	30		
1,2-Dichloropropane	116	111	77 - 124	4	30		
Methylcyclohexane	104	98	84 - 127	6	30		
Tetrachloroethene	102	97	68 - 130	5	30		
Xylenes, Total	102	98	80 - 120	4	30		
1,2-Dibromo-3-Chloropropane	109	99	63 - 131	9	30		
1,1,2,2-Tetrachloroethane	108	100	64 - 128	7	30		
1,1,2-Trichloroethane	106	103	76 - 118	3	30		
Dibromochloromethane	108	103	68 - 132	5	30		
1,2-Dibromoethane	106	103	80 - 120	2	30		
Dichlorodifluoromethane	97	90	73 - 122	7	30		
Bromochloromethane	111	111	73 - 132	1	30		
Bromodichloromethane	113	109	76 - 130	3	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	125	106	78 - 135
Toluene-d8 (Surr)	119	100	73 - 121
Bromofluorobenzene	122	102	67 - 126

Client: Antea USA, Inc. Job Number: 460-104194-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-334289

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334289/4	Units: ug/Kg	LCSD Lab Sample ID:	LCSD 460-334289/5
Client Matrix:	Solid		Client Matrix:	Solid
Dilution:	1.0		Dilution:	1.0
Analysis Date:	11/10/2015 1101		Analysis Date:	11/10/2015 1125
Prep Date:	N/A		Prep Date:	N/A
Leach Date:	N/A		Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	22.0	20.8
Bromomethane	20.0	20.0	22.6	21.2
Vinyl chloride	20.0	20.0	22.0	21.0
Chloroethane	20.0	20.0	22.1	21.2
Methylene Chloride	20.0	20.0	21.7	20.7
Acetone	100	100	114	111
Carbon disulfide	20.0	20.0	20.1	19.3
Trichlorofluoromethane	20.0	20.0	21.5	20.3
1,1-Dichloroethene	20.0	20.0	20.5	19.5
1,1-Dichloroethane	20.0	20.0	23.4	22.4
trans-1,2-Dichloroethene	20.0	20.0	21.4	20.4
cis-1,2-Dichloroethene	20.0	20.0	22.5	21.5
Chloroform	20.0	20.0	23.4	22.5
2-Butanone	100	100	98.0	97.9
1,2-Dichloroethane	20.0	20.0	23.3	22.3
1,1,1-Trichloroethane	20.0	20.0	21.5	20.8
Carbon tetrachloride	20.0	20.0	21.5	20.3
Benzene	20.0	20.0	20.4	19.4
Bromoform	20.0	20.0	21.8	21.0
Styrene	20.0	20.0	21.1	20.3
Ethylbenzene	20.0	20.0	19.9	19.5
Chlorobenzene	20.0	20.0	20.3	19.6
Cyclohexane	20.0	20.0	21.4	20.6
Isopropylbenzene	20.0	20.0	20.4	19.4
2-Hexanone	100	100	112	108
MTBE	20.0	20.0	23.7	23.3
Freon TF	20.0	20.0	20.5	19.5
Methyl acetate	100	100	123	118
1,4-Dioxane	400	400	417	416
Trichloroethene	20.0	20.0	21.7	20.6
Toluene	20.0	20.0	19.7	19.0
trans-1,3-Dichloropropene	20.0	20.0	21.3	20.7
4-Methyl-2-pentanone	100	100	110	107
cis-1,3-Dichloropropene	20.0	20.0	21.7	21.1
1,2-Dichlorobenzene	20.0	20.0	20.4	19.2
1,3-Dichlorobenzene	20.0	20.0	20.5	18.9
1,4-Dichlorobenzene	20.0	20.0	19.8	18.8
1,2,4-Trichlorobenzene	20.0	20.0	21.6	20.1
1,2,3-Trichlorobenzene	20.0	20.0	22.0	20.1

Client: Antea USA, Inc. Job Number: 460-104194-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-334289

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334289/4	Units: ug/Kg	LCSD Lab Sample ID:	LCSD 460-334289/5
Client Matrix:	Solid		Client Matrix:	Solid
Dilution:	1.0		Dilution:	1.0
Analysis Date:	11/10/2015 1101		Analysis Date:	11/10/2015 1125
Prep Date:	N/A		Prep Date:	N/A
Leach Date:	N/A		Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dichloropropane	20.0	20.0	23.2	22.3
Methylcyclohexane	20.0	20.0	20.8	19.7
Tetrachloroethene	20.0	20.0	20.4	19.4
Xylenes, Total	40.0	40.0	40.8	39.4
1,2-Dibromo-3-Chloropropane	20.0	20.0	21.7	19.8
1,1,2,2-Tetrachloroethane	20.0	20.0	21.5	20.1
1,1,2-Trichloroethane	20.0	20.0	21.2	20.6
Dibromochloromethane	20.0	20.0	21.6	20.6
1,2-Dibromoethane	20.0	20.0	21.1	20.6
Dichlorodifluoromethane	20.0	20.0	19.3	18.0
Bromochloromethane	20.0	20.0	22.3	22.1
Bromodichloromethane	20.0	20.0	22.6	21.8

Method Blank - Batch: 460-334455

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-334455/7	Analysis Batch:	460-334455	Instrument ID:	CVOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C05510.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2237	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 2237				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.22	U	0.22	1.0
Bromomethane	0.18	U	0.18	1.0
Vinyl chloride	0.060	U	0.060	1.0
Chloroethane	0.37	U	0.37	1.0
Methylene Chloride	0.21	U	0.21	1.0
Acetone	1.1	U	1.1	5.0
Carbon disulfide	0.22	U	0.22	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.34	U	0.34	1.0
1,1-Dichloroethane	0.24	U	0.24	1.0
trans-1,2-Dichloroethene	0.18	U	0.18	1.0
cis-1,2-Dichloroethene	0.26	U	0.26	1.0
Chloroform	0.22	U	0.22	1.0
2-Butanone	2.2	U	2.2	5.0
1,2-Dichloroethane	0.25	U	0.25	1.0
1,1,1-Trichloroethane	0.28	U	0.28	1.0
Carbon tetrachloride	0.33	U	0.33	1.0
Benzene	0.090	U	0.090	1.0
Bromoform	0.18	U	0.18	1.0
Styrene	0.17	U	0.17	1.0
Ethylbenzene	0.30	U	0.30	1.0
Chlorobenzene	0.24	U	0.24	1.0
Cyclohexane	0.26	U	0.26	1.0
Isopropylbenzene	0.32	U	0.32	1.0
2-Hexanone	0.72	U	0.72	5.0
MTBE	0.13	U	0.13	1.0
Freon TF	0.34	U	0.34	1.0
Methyl acetate	0.58	U	0.58	5.0
1,4-Dioxane	8.7	U	8.7	50
Trichloroethene	0.22	U	0.22	1.0
Toluene	0.25	U	0.25	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
4-Methyl-2-pentanone	0.63	U	0.63	5.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
1,2-Dichlorobenzene	0.22	U	0.22	1.0
1,3-Dichlorobenzene	0.33	U	0.33	1.0
1,4-Dichlorobenzene	0.33	U	0.33	1.0
1,2,4-Trichlorobenzene	0.27	U	0.27	1.0
1,2,3-Trichlorobenzene	0.35	U	0.35	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
Methylcyclohexane	0.22	U	0.22	1.0
Tetrachloroethene	0.12	U	0.12	1.0
Xylenes, Total	0.28	U	0.28	2.0
1,2-Dibromo-3-Chloropropane	0.23	U	0.23	1.0
1,1,2,2-Tetrachloroethane	0.19	U	0.19	1.0

Client: Antea USA, Inc. Job Number: 460-104194-1

Method Blank - Batch: 460-334455

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-334455/7	Analysis Batch:	460-334455	Instrument ID:	CVOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C05510.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2237	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 2237				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	0.080	U	0.080	1.0
Dibromochloromethane	0.22	U	0.22	1.0
1,2-Dibromoethane	0.19	U	0.19	1.0
Dichlorodifluoromethane	0.14	U	0.14	1.0
Bromochloromethane	0.30	U	0.30	1.0
Bromodichloromethane	0.15	U	0.15	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86	70 - 137
Toluene-d8 (Surr)	81	74 - 120
Bromofluorobenzene	93	70 - 131
Dibromofluoromethane (Surr)	100	72 - 136

Method Blank TICs- Batch: 460-334455

Cas Number	Analyte	RT	Est. Result (ug/	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-104194-1

Lab Control Sample - Batch: 460-334455

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 460-334455/4	Analysis Batch:	460-334455	Instrument ID:	CVOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C05507.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2107	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 2107				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	13.3	67	45 - 150	
Bromomethane	20.0	23.1	116	10 - 150	
Vinyl chloride	20.0	16.5	83	53 - 142	
Chloroethane	20.0	19.3	97	40 - 150	
Methylene Chloride	20.0	19.9	99	80 - 126	
Acetone	100	101	101	19 - 150	
Carbon disulfide	20.0	20.5	103	69 - 131	
Trichlorofluoromethane	20.0	22.8	114	50 - 150	
1,1-Dichloroethene	20.0	21.2	106	67 - 133	
1,1-Dichloroethane	20.0	19.4	97	77 - 129	
trans-1,2-Dichloroethene	20.0	21.0	105	78 - 127	
cis-1,2-Dichloroethene	20.0	20.3	101	82 - 127	
Chloroform	20.0	20.1	100	81 - 127	
2-Butanone	100	102	102	56 - 150	
1,2-Dichloroethane	20.0	18.3	92	73 - 131	
1,1,1-Trichloroethane	20.0	20.3	102	76 - 131	
Carbon tetrachloride	20.0	20.9	104	71 - 138	
Benzene	20.0	17.2	86	76 - 125	
Bromoform	20.0	17.5	88	65 - 124	
Styrene	20.0	18.0	90	75 - 124	
Ethylbenzene	20.0	17.8	89	80 - 120	
Chlorobenzene	20.0	17.8	89	80 - 120	
Cyclohexane	20.0	20.7	104	51 - 147	
Isopropylbenzene	20.0	19.1	95	80 - 127	
2-Hexanone	100	93.1	93	64 - 150	
MTBE	20.0	19.2	96	78 - 129	
Freon TF	20.0	23.9	120	53 - 149	
Methyl acetate	100	80.9	81	63 - 150	
1,4-Dioxane	400	399	100	65 - 150	
Trichloroethene	20.0	20.8	104	77 - 127	
Toluene	20.0	17.5	88	80 - 120	
trans-1,3-Dichloropropene	20.0	15.9	80	69 - 125	
4-Methyl-2-pentanone	100	93.1	93	77 - 130	
cis-1,3-Dichloropropene	20.0	16.4	82	72 - 125	
1,2-Dichlorobenzene	20.0	18.6	93	80 - 121	
1,3-Dichlorobenzene	20.0	18.5	92	80 - 120	
1,4-Dichlorobenzene	20.0	17.8	89	79 - 120	
1,2,4-Trichlorobenzene	20.0	18.6	93	66 - 137	
1,2,3-Trichlorobenzene	20.0	18.0	90	64 - 142	
1,2-Dichloropropane	20.0	20.3	102	75 - 129	
Methylcyclohexane	20.0	22.4	112	52 - 142	
Tetrachloroethene	20.0	20.2	101	71 - 132	
Xylenes, Total	40.0	35.5	89	80 - 120	
1,2-Dibromo-3-Chloropropane	20.0	14.7	73	55 - 133	
1,1,2,2-Tetrachloroethane	20.0	15.7	79	65 - 128	
1,1,2-Trichloroethane	20.0	16.6	83	77 - 122	

Client: Antea USA, Inc. Job Number: 460-104194-1

Lab Control Sample - Batch: 460-334455

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 460-334455/4	Analysis Batch:	460-334455	Instrument ID:	CVOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C05507.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2107	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 2107				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	20.0	17.3	87	78 - 120	
1,2-Dibromoethane	20.0	17.3	87	80 - 120	
Dichlorodifluoromethane	20.0	15.7	79	32 - 150	
Bromochloromethane	20.0	19.9	99	71 - 137	
Bromodichloromethane	20.0	19.6	98	78 - 127	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89	70 - 137
Toluene-d8 (Surr)	83	74 - 120
Bromofluorobenzene	94	70 - 131

Client: Antea USA, Inc. Job Number: 460-104194-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334455

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-104036-B-1 MS	Analysis Batch:	460-334455	Instrument ID:	CVOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C05515.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/11/2015 0051			Final Weight/Volume:	5 mL
Prep Date:	11/11/2015 0051				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-104036-B-1 MSD	Analysis Batch:	460-334455	Instrument ID:	CVOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C05516.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/11/2015 0117			Final Weight/Volume:	5 mL
Prep Date:	11/11/2015 0117				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	69	69	45 - 150	0	30		
Bromomethane	54	72	10 - 150	29	30		
Vinyl chloride	92	89	53 - 142	3	30		
Chloroethane	128	100	40 - 150	24	30		
Methylene Chloride	98	99	80 - 126	0	30		
Acetone	86	74	19 - 150	15	30		
Carbon disulfide	104	102	69 - 131	2	30		
Trichlorofluoromethane	124	124	50 - 150	0	30		
1,1-Dichloroethene	106	104	67 - 133	1	30		
1,1-Dichloroethane	99	97	77 - 129	2	30		
trans-1,2-Dichloroethene	104	100	78 - 127	4	30		
cis-1,2-Dichloroethene	100	103	82 - 127	3	30		
Chloroform	100	100	81 - 127	1	30		
2-Butanone	94	92	56 - 150	2	30		
1,2-Dichloroethane	96	93	73 - 131	3	30		
1,1,1-Trichloroethane	104	103	76 - 131	1	30		
Carbon tetrachloride	102	103	71 - 138	1	30		
Benzene	86	80	76 - 125	6	30		
Bromoform	85	83	65 - 124	3	30		
Styrene	85	85	75 - 124	0	30		
Ethylbenzene	84	84	80 - 120	0	30		
Chlorobenzene	89	86	80 - 120	3	30		
Cyclohexane	108	104	51 - 147	3	30		
Isopropylbenzene	91	89	80 - 127	2	30		
2-Hexanone	89	87	64 - 150	2	30		
MTBE	101	99	78 - 129	2	30		
Freon TF	124	118	53 - 149	5	30		
Methyl acetate	92	91	63 - 150	1	30		
1,4-Dioxane	81	91	65 - 150	12	30		
Trichloroethene	104	101	77 - 127	3	30		
Toluene	89	85	80 - 120	4	30		
trans-1,3-Dichloropropene	78	78	69 - 125	0	30		
4-Methyl-2-pentanone	90	88	77 - 130	2	30		

Client: Antea USA, Inc. Job Number: 460-104194-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334455

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-104036-B-1 MS	Analysis Batch:	460-334455	Instrument ID:	CVOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C05515.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/11/2015 0051			Final Weight/Volume:	5 mL
Prep Date:	11/11/2015 0051				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-104036-B-1 MSD	Analysis Batch:	460-334455	Instrument ID:	CVOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C05516.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/11/2015 0117			Final Weight/Volume:	5 mL
Prep Date:	11/11/2015 0117				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
cis-1,3-Dichloropropene	79	78	72 - 125	1	30		
1,2-Dichlorobenzene	86	84	80 - 121	3	30		
1,3-Dichlorobenzene	83	82	80 - 120	2	30		
1,4-Dichlorobenzene	85	81	79 - 120	5	30		
1,2,4-Trichlorobenzene	81	84	66 - 137	3	30		
1,2,3-Trichlorobenzene	84	85	64 - 142	1	30		
1,2-Dichloropropane	102	97	75 - 129	4	30		
Methylcyclohexane	112	111	52 - 142	1	30		
Tetrachloroethene	95	95	71 - 132	0	30		
Xylenes, Total	86	86	80 - 120	1	30		
1,2-Dibromo-3-Chloropropane	81	72	55 - 133	11	30		
1,1,2,2-Tetrachloroethane	80	77	65 - 128	4	30		
1,1,2-Trichloroethane	83	80	77 - 122	4	30		
Dibromochloromethane	87	87	78 - 120	0	30		
1,2-Dibromoethane	85	82	80 - 120	3	30		
Dichlorodifluoromethane	82	84	32 - 150	2	30		
Bromochloromethane	99	96	71 - 137	3	30		
Bromodichloromethane	96	95	78 - 127	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90	92	70 - 137
Toluene-d8 (Surr)	81	81	74 - 120
Bromofluorobenzene	93	91	70 - 131

Client: Antea USA, Inc. Job Number: 460-104194-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334455

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-104036-B-1 MS	Units: ug/L	
Client Matrix:	Water		
Dilution:	10		
Analysis Date:	11/11/2015 0051		
Prep Date:	11/11/2015 0051		
Leach Date:	N/A		

MSD Lab Sample ID:	460-104036-B-1 MSD
Client Matrix:	Water
Dilution:	10
Analysis Date:	11/11/2015 0117
Prep Date:	11/11/2015 0117
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloromethane	0.22	U	200	200	137	137
Bromomethane	0.18	U	200	200	107	144
Vinyl chloride	0.060	U	200	200	184	178
Chloroethane	0.37	U	200	200	255	200
Methylene Chloride	0.21	U	200	200	197	197
Acetone	1.1	U	1000	1000	859	740
Carbon disulfide	0.22	U	200	200	209	205
Trichlorofluoromethane	0.15	U	200	200	249	248
1,1-Dichloroethene	0.34	U	200	200	211	208
1,1-Dichloroethane	0.24	U	200	200	197	194
trans-1,2-Dichloroethene	0.18	U	200	200	208	199
cis-1,2-Dichloroethene	0.26	U	200	200	200	207
Chloroform	0.22	U	200	200	201	200
2-Butanone	2.2	U	1000	1000	939	918
1,2-Dichloroethane	0.25	U	200	200	193	186
1,1,1-Trichloroethane	0.28	U	200	200	208	206
Carbon tetrachloride	0.33	U	200	200	204	206
Benzene	0.090	U	200	200	171	160
Bromoform	0.18	U	200	200	170	166
Styrene	0.17	U	200	200	170	170
Ethylbenzene	0.30	U	200	200	169	169
Chlorobenzene	0.24	U	200	200	178	172
Cyclohexane	0.26	U	200	200	216	209
Isopropylbenzene	0.32	U	200	200	182	179
2-Hexanone	0.72	U	1000	1000	889	868
MTBE	0.13	U	200	200	202	198
Freon TF	0.34	U	200	200	249	236
Methyl acetate	0.58	U	1000	1000	921	912
1,4-Dioxane	8.7	U	4000	4000	3230	3660
Trichloroethene	1.8		200	200	210	203
Toluene	0.25	U	200	200	177	171
trans-1,3-Dichloropropene	0.19	U	200	200	156	156
4-Methyl-2-pentanone	0.63	U	1000	1000	895	880
cis-1,3-Dichloropropene	0.16	U	200	200	157	155
1,2-Dichlorobenzene	0.22	U	200	200	172	167
1,3-Dichlorobenzene	0.33	U	200	200	167	163
1,4-Dichlorobenzene	0.33	U	200	200	171	163
1,2,4-Trichlorobenzene	0.27	U	200	200	163	168
1,2,3-Trichlorobenzene	0.35	U	200	200	169	171
1,2-Dichloropropane	0.18	U	200	200	203	194
Methylcyclohexane	0.22	U	200	200	223	222
Tetrachloroethene	0.12	U	200	200	190	190
Xylenes, Total	0.28	U	400	400	345	344

Client: Antea USA, Inc. Job Number: 460-104194-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334455

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-104036-B-1 MS	Units: ug/L	MSD Lab Sample ID:	460-104036-B-1 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	10		Dilution:	10	
Analysis Date:	11/11/2015 0051		Analysis Date:	11/11/2015 0117	
Prep Date:	11/11/2015 0051		Prep Date:	11/11/2015 0117	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,2-Dibromo-3-Chloropropane	0.23	U	200	200	162	145
1,1,2,2-Tetrachloroethane	0.19	U	200	200	160	155
1,1,2-Trichloroethane	0.080	U	200	200	167	160
Dibromochloromethane	0.22	U	200	200	174	174
1,2-Dibromoethane	0.19	U	200	200	169	163
Dichlorodifluoromethane	0.14	U	200	200	164	168
Bromochloromethane	0.30	U	200	200	199	193
Bromodichloromethane	0.15	U	200	200	192	190

Client: Antea USA, Inc. Job Number: 460-104194-1

Method Blank - Batch: 460-334504

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-334504/8	Analysis Batch:	460-334504	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89818.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2359	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	11	U	11	50
Bromomethane	9.0	U	9.0	50
Vinyl chloride	10	U	10	50
Chloroethane	19	U	19	50
Methylene Chloride	11	U	11	50
Acetone	54	U	54	250
Carbon disulfide	11	U	11	50
Trichlorofluoromethane	7.5	U	7.5	50
1,1-Dichloroethene	17	U	17	50
1,1-Dichloroethane	12	U	12	50
trans-1,2-Dichloroethene	9.0	U	9.0	50
cis-1,2-Dichloroethene	13	U	13	50
Chloroform	11	U	11	50
2-Butanone	110	U	110	250
1,2-Dichloroethane	13	U	13	50
1,1,1-Trichloroethane	14	U	14	50
Carbon tetrachloride	17	U	17	50
Benzene	9.5	U	9.5	50
Bromoform	9.0	U	9.0	50
Styrene	8.5	U	8.5	50
Ethylbenzene	15	U	15	50
Chlorobenzene	12	U	12	50
Cyclohexane	13	U	13	50
Isopropylbenzene	16	U	16	50
2-Hexanone	36	U	36	250
MTBE	6.5	U	6.5	50
Freon TF	17	U	17	50
Methyl acetate	29	U	29	250
1,4-Dioxane	440	U	440	1300
Trichloroethene	11	U	11	50
Toluene	13	U	13	50
trans-1,3-Dichloropropene	9.5	U	9.5	50
4-Methyl-2-pentanone	32	U	32	250
cis-1,3-Dichloropropene	8.0	U	8.0	50
1,2-Dichlorobenzene	11	U	11	50
1,3-Dichlorobenzene	17	U	17	50
1,4-Dichlorobenzene	17	U	17	50
1,2,4-Trichlorobenzene	14	U	14	50
1,2,3-Trichlorobenzene	18	U	18	50
1,2-Dichloropropane	9.0	U	9.0	50
Methylcyclohexane	11	U	11	50
Tetrachloroethene	18	U	18	50
Xylenes, Total	14	U	14	100
1,2-Dibromo-3-Chloropropane	12	U	12	50
1,1,2,2-Tetrachloroethane	9.5	U	9.5	50

Client: Antea USA, Inc. Job Number: 460-104194-1

Method Blank - Batch: 460-334504

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-334504/8	Analysis Batch:	460-334504	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89818.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2359	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	4.0	U	4.0	50
Dibromochloromethane	11	U	11	50
1,2-Dibromoethane	9.5	U	9.5	50
Dichlorodifluoromethane	7.0	U	7.0	50
Bromochloromethane	15	U	15	50
Bromodichloromethane	7.5	U	7.5	50

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	69 - 145
Toluene-d8 (Surr)	102	72 - 136
Bromofluorobenzene	97	64 - 131
Dibromofluoromethane (Surr)	100	74 - 134

Method Blank TICs- Batch: 460-334504

Cas Number	Analyte	RT	Est. Result (ug/	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-104194-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-334504

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334504/4	Analysis Batch:	460-334504	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89814.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2203	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-334504/5	Analysis Batch:	460-334504	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89815.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2231	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	103	102	63 - 138	1	30		
Bromomethane	104	104	66 - 145	0	30		
Vinyl chloride	105	101	69 - 139	4	30		
Chloroethane	99	99	68 - 144	0	30		
Methylene Chloride	98	104	78 - 122	6	30		
Acetone	78	73	10 - 150	7	30		
Carbon disulfide	101	103	72 - 127	2	30		
Trichlorofluoromethane	95	91	72 - 140	4	30		
1,1-Dichloroethene	93	91	78 - 125	3	30		
1,1-Dichloroethane	105	108	78 - 123	3	30		
trans-1,2-Dichloroethene	94	96	79 - 123	2	30		
cis-1,2-Dichloroethene	95	97	80 - 120	2	30		
Chloroform	96	96	82 - 123	0	30		
2-Butanone	82	85	40 - 150	4	30		
1,2-Dichloroethane	84	87	75 - 122	3	30		
1,1,1-Trichloroethane	85	85	81 - 125	1	30		
Carbon tetrachloride	86	86	77 - 136	0	30		
Benzene	103	106	77 - 121	3	30		
Bromoform	96	97	68 - 124	1	30		
Styrene	96	95	80 - 120	0	30		
Ethylbenzene	98	96	80 - 120	2	30		
Chlorobenzene	93	94	84 - 114	2	30		
Cyclohexane	95	93	64 - 128	3	30		
Isopropylbenzene	93	92	81 - 124	0	30		
2-Hexanone	103	100	44 - 136	2	30		
MTBE	91	95	77 - 121	4	30		
Freon TF	100	97	69 - 135	4	30		
Methyl acetate	102	106	58 - 140	4	30		
1,4-Dioxane	125	169	65 - 145	30	30		*
Trichloroethene	96	92	82 - 122	4	30		
Toluene	101	101	80 - 120	0	30		
trans-1,3-Dichloropropene	96	98	74 - 121	2	30		
4-Methyl-2-pentanone	103	99	62 - 124	5	30		
cis-1,3-Dichloropropene	100	104	78 - 120	4	30		
1,2-Dichlorobenzene	92	90	80 - 120	2	30		
1,3-Dichlorobenzene	92	94	80 - 120	3	30		

Client: Antea USA, Inc. Job Number: 460-104194-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-334504

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334504/4	Analysis Batch:	460-334504	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89814.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2203	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-334504/5	Analysis Batch:	460-334504	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89815.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2231	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	93	96	80 - 120	3	30		
1,2,4-Trichlorobenzene	91	95	45 - 137	4	30		
1,2,3-Trichlorobenzene	90	93	35 - 143	3	30		
1,2-Dichloropropane	105	106	76 - 124	0	30		
Methylcyclohexane	92	92	55 - 133	0	30		
Tetrachloroethene	99	98	71 - 133	0	30		
Xylenes, Total	91	92	80 - 120	1	30		
1,2-Dibromo-3-Chloropropane	81	80	37 - 130	1	30		
1,1,2,2-Tetrachloroethane	101	100	59 - 130	1	30		
1,1,2-Trichloroethane	103	109	72 - 117	6	30		
Dibromochloromethane	91	93	83 - 121	2	30		
1,2-Dibromoethane	92	91	76 - 117	2	30		
Dichlorodifluoromethane	83	83	51 - 145	1	30		
Bromochloromethane	91	101	82 - 124	11	30		
Bromodichloromethane	96	95	78 - 122	2	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	95	69 - 145
Toluene-d8 (Surr)	100	102	72 - 136
Bromofluorobenzene	99	100	64 - 131

Client: Antea USA, Inc. Job Number: 460-104194-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-334504

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334504/4	Units: ug/Kg	LCSD Lab Sample ID:	LCSD 460-334504/5	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	50		Dilution:	50	
Analysis Date:	11/10/2015 2203		Analysis Date:	11/10/2015 2231	
Prep Date:	N/A		Prep Date:	N/A	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual	
Chloromethane	1000	1000	1030	1020	
Bromomethane	1000	1000	1040	1040	
Vinyl chloride	1000	1000	1050	1010	
Chloroethane	1000	1000	994	993	
Methylene Chloride	1000	1000	984	1040	
Acetone	5000	5000	3910	3650	
Carbon disulfide	1000	1000	1010	1030	
Trichlorofluoromethane	1000	1000	949	910	
1,1-Dichloroethene	1000	1000	932	907	
1,1-Dichloroethane	1000	1000	1050	1080	
trans-1,2-Dichloroethene	1000	1000	939	961	
cis-1,2-Dichloroethene	1000	1000	945	967	
Chloroform	1000	1000	962	964	
2-Butanone	5000	5000	4110	4260	
1,2-Dichloroethane	1000	1000	840	868	
1,1,1-Trichloroethane	1000	1000	854	849	
Carbon tetrachloride	1000	1000	863	863	
Benzene	1000	1000	1030	1060	
Bromoform	1000	1000	962	974	
Styrene	1000	1000	957	953	
Ethylbenzene	1000	1000	978	963	
Chlorobenzene	1000	1000	928	943	
Cyclohexane	1000	1000	951	925	
Isopropylbenzene	1000	1000	926	923	
2-Hexanone	5000	5000	5130	5010	
MTBE	1000	1000	914	951	
Freon TF	1000	1000	1000	966	
Methyl acetate	5000	5000	5080	5310	
1,4-Dioxane	20000	20000	25100	33900	*
Trichloroethene	1000	1000	956	923	
Toluene	1000	1000	1010	1010	
trans-1,3-Dichloropropene	1000	1000	961	983	
4-Methyl-2-pentanone	5000	5000	5170	4940	
cis-1,3-Dichloropropene	1000	1000	1000	1040	
1,2-Dichlorobenzene	1000	1000	916	902	
1,3-Dichlorobenzene	1000	1000	917	943	
1,4-Dichlorobenzene	1000	1000	933	964	
1,2,4-Trichlorobenzene	1000	1000	908	947	
1,2,3-Trichlorobenzene	1000	1000	898	925	

Client: Antea USA, Inc. Job Number: 460-104194-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-334504

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334504/4	Units: ug/Kg	LCSD Lab Sample ID:	LCSD 460-334504/5
Client Matrix:	Solid		Client Matrix:	Solid
Dilution:	50		Dilution:	50
Analysis Date:	11/10/2015 2203		Analysis Date:	11/10/2015 2231
Prep Date:	N/A		Prep Date:	N/A
Leach Date:	N/A		Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dichloropropane	1000	1000	1050	1060
Methylcyclohexane	1000	1000	919	916
Tetrachloroethene	1000	1000	987	982
Xylenes, Total	2000	2000	1830	1840
1,2-Dibromo-3-Chloropropane	1000	1000	809	797
1,1,2,2-Tetrachloroethane	1000	1000	1010	1000
1,1,2-Trichloroethane	1000	1000	1030	1090
Dibromochloromethane	1000	1000	913	929
1,2-Dibromoethane	1000	1000	923	907
Dichlorodifluoromethane	1000	1000	832	828
Bromochloromethane	1000	1000	906	1010
Bromodichloromethane	1000	1000	963	948

Client: Antea USA, Inc. Job Number: 460-104194-1

Method Blank - Batch: 460-334367

Method: 8270D
Preparation: 3510C

Lab Sample ID:	MB 460-334367/1-A	Analysis Batch:	460-334836	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-334367	Lab File ID:	M966505.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/12/2015 1359	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	11/10/2015 1108			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	0.41	U	0.41	10
2-Chlorophenol	0.74	U	0.74	10
2-Methylphenol	1.3	U	1.3	10
4-Methylphenol	0.87	U	0.87	10
Benzaldehyde	0.86	U	0.86	10
Acetophenone	1.0	U	1.0	10
Bis(2-chloroethyl)ether	0.12	U	0.12	1.0
2,2'-oxybis[1-chloropropane]	0.93	U	0.93	10
N-Nitrosodi-n-propylamine	0.83	U	0.83	1.0
Nitrobenzene	0.49	U	0.49	1.0
Hexachloroethane	0.090	U	0.090	1.0
Isophorone	0.67	U	0.67	10
2-Nitrophenol	0.59	U	0.59	10
2,4-Dimethylphenol	0.91	U	0.91	10
2,4-Dichlorophenol	0.63	U	0.63	10
Bis(2-chloroethoxy)methane	0.69	U	0.69	10
Naphthalene	0.80	U	0.80	10
4-Chloroaniline	0.73	U	0.73	10
Hexachlorobutadiene	0.76	U	0.76	1.0
Caprolactam	1.1	U	1.1	10
4-Chloro-3-methylphenol	0.76	U	0.76	10
2-Methylnaphthalene	0.88	U	0.88	10
Hexachlorobenzene	0.47	U	0.47	1.0
Hexachlorocyclopentadiene	0.61	U	0.61	10
2,4,6-Trichlorophenol	0.53	U	0.53	10
2,4,5-Trichlorophenol	0.49	U	0.49	10
Diphenyl	0.63	U	0.63	10
2-Chloronaphthalene	0.61	U	0.61	10
2-Nitroaniline	0.65	U	0.65	10
2,6-Dinitrotoluene	0.88	U	0.88	2.0
Dimethyl phthalate	0.98	U	0.98	10
Acenaphthylene	0.65	U	0.65	10
3-Nitroaniline	0.82	U	0.82	10
Acenaphthene	0.88	U	0.88	10
4-Nitrophenol	4.7	U	4.7	20
2,4-Dinitrophenol	2.4	U	2.4	20
Dibenzofuran	0.85	U	0.85	10
Diethyl phthalate	1.0	U	1.0	10
Fluorene	0.80	U	0.80	10
Fluoranthene	0.72	U	0.72	10
Di-n-butyl phthalate	0.82	U	0.82	10
2,4-Dinitrotoluene	1.0	U	1.0	2.0
4-Chlorophenyl phenyl ether	0.96	U	0.96	10
4-Nitroaniline	0.48	U	0.48	10
4,6-Dinitro-2-methylphenol	2.0	U	2.0	20

Client: Antea USA, Inc. Job Number: 460-104194-1

Method Blank - Batch: 460-334367

Method: 8270D
Preparation: 3510C

Lab Sample ID:	MB 460-334367/1-A	Analysis Batch:	460-334836	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-334367	Lab File ID:	M966505.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/12/2015 1359	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	11/10/2015 1108			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	1.0	U	1.0	10
Atrazine	0.77	U	0.77	2.0
Anthracene	0.57	U	0.57	10
Carbazole	0.85	U	0.85	10
Phenanthrene	0.65	U	0.65	10
Pentachlorophenol	2.2	U	2.2	20
Pyrene	0.83	U	0.83	10
Chrysene	0.67	U	0.67	2.0
Benzo[k]fluoranthene	0.18	U	0.18	1.0
Benzo[g,h,i]perylene	0.75	U	0.75	10
Benzo[b]fluoranthene	0.44	U	0.44	1.0
Benzo[a]pyrene	0.16	U	0.16	1.0
Benzo[a]anthracene	0.55	U	0.55	1.0
N-Nitrosodiphenylamine	0.74	U	0.74	10
Butyl benzyl phthalate	0.60	U	0.60	10
Bis(2-ethylhexyl) phthalate	0.72	U	0.72	2.0
Di-n-octyl phthalate	0.69	U	0.69	10
Indeno[1,2,3-cd]pyrene	0.21	U	0.21	1.0
Dibenz(a,h)anthracene	0.090	U	0.090	1.0
3,3'-Dichlorobenzidine	1.0	U	1.0	10
1,2,4,5-Tetrachlorobenzene	0.43	U	0.43	10
2,3,4,6-Tetrachlorophenol	0.69	U	0.69	10

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	80	62 - 120
Phenol-d5	29	10 - 53
Terphenyl-d14	80	57 - 125
2,4,6-Tribromophenol	72	43 - 126
2-Fluorophenol	38	13 - 77
2-Fluorobiphenyl	72	63 - 113

Method Blank TICs- Batch: 460-334367

Cas Number	Analyte	RT	Est. Result (ug/	Qual
	Tentatively Identified Compound		None	

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-334367

Method: 8270D
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-334367/2-A	Analysis Batch:	460-334749	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-334367	Lab File ID:	M966492.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/12/2015 0356	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	11/10/2015 1108			Injection Volume:	5 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-334367/3-A	Analysis Batch:	460-334836	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-334367	Lab File ID:	M966510.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/12/2015 1543	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	11/10/2015 1108			Injection Volume:	5 uL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Phenol	31	35	14 - 50	13	30		
2-Chlorophenol	78	86	55 - 96	10	30		
2-Methylphenol	66	68	41 - 88	4	30		
4-Methylphenol	60	63	35 - 81	5	30		
Acetophenone	87	87	61 - 118	0	30		
Bis(2-chloroethyl)ether	79	79	60 - 104	0	30		
2,2'-oxybis[1-chloropropane]	84	88	48 - 107	4	30		
N-Nitrosodi-n-propylamine	81	83	57 - 120	1	30		
Nitrobenzene	90	94	66 - 105	4	30		
Hexachloroethane	76	71	44 - 91	6	30		
Isophorone	84	95	61 - 107	13	30		
2-Nitrophenol	89	102	72 - 105	13	30		
2,4-Dimethylphenol	81	87	65 - 104	7	30		
2,4-Dichlorophenol	90	100	70 - 103	10	30		
Bis(2-chloroethoxy)methane	88	94	68 - 109	6	30		
Naphthalene	85	81	61 - 100	5	30		
4-Chloroaniline	82	85	61 - 106	3	30		
Hexachlorobutadiene	78	74	47 - 100	6	30		
4-Chloro-3-methylphenol	83	86	58 - 109	4	30		
2-Methylnaphthalene	96	97	62 - 104	1	30		
Hexachlorobenzene	100	90	66 - 136	10	30		
Hexachlorocyclopentadiene	83	79	42 - 115	4	30		
2,4,6-Trichlorophenol	85	87	67 - 115	2	30		
2,4,5-Trichlorophenol	82	90	66 - 111	10	30		
Diphenyl	83	82	62 - 108	1	30		
2-Chloronaphthalene	80	83	62 - 105	3	30		
2-Nitroaniline	83	93	59 - 111	11	30		
2,6-Dinitrotoluene	87	93	69 - 112	7	30		
Dimethyl phthalate	88	88	68 - 111	0	30		
Acenaphthylene	84	87	67 - 110	4	30		
3-Nitroaniline	80	90	54 - 108	12	30		
Acenaphthene	90	90	55 - 110	0	30		
4-Nitrophenol	23	30	10 - 53	28	30		
2,4-Dinitrophenol	81	79	41 - 114	3	30		
Dibenzofuran	79	79	63 - 106	1	30		
Diethyl phthalate	110	114	62 - 115	4	30		

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-334367

Method: 8270D
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-334367/2-A	Analysis Batch:	460-334749	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-334367	Lab File ID:	M966492.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/12/2015 0356	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	11/10/2015 1108			Injection Volume:	5 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-334367/3-A	Analysis Batch:	460-334836	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-334367	Lab File ID:	M966510.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/12/2015 1543	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	11/10/2015 1108			Injection Volume:	5 uL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Fluorene	90	97	66 - 112	7	30		
Fluoranthene	102	99	65 - 125	3	30		
Di-n-butyl phthalate	114	106	66 - 127	7	30		
2,4-Dinitrotoluene	85	88	60 - 119	3	30		
4-Chlorophenyl phenyl ether	79	85	63 - 112	7	30		
4-Nitroaniline	85	100	42 - 128	17	30		
4,6-Dinitro-2-methylphenol	104	98	72 - 125	6	30		
4-Bromophenyl phenyl ether	101	98	66 - 134	3	30		
Anthracene	100	97	76 - 113	4	30		
Carbazole	95	99	69 - 118	4	30		
Phenanthrene	105	93	76 - 116	12	30		
Pentachlorophenol	89	86	58 - 125	4	30		
Pyrene	99	93	57 - 120	6	30		
Chrysene	105	107	73 - 115	2	30		
Benzo[k]fluoranthene	92	91	70 - 120	2	30		
Benzo[g,h,i]perylene	133	110	66 - 144	18	30		
Benzo[b]fluoranthene	99	98	74 - 125	1	30		
Benzo[a]pyrene	102	101	75 - 122	1	30		
Benzo[a]anthracene	101	95	75 - 116	6	30		
N-Nitrosodiphenylamine	76	69	65 - 121	9	30		
Butyl benzyl phthalate	109	103	68 - 122	5	30		
Bis(2-ethylhexyl) phthalate	104	97	68 - 131	7	30		
Di-n-octyl phthalate	90	95	58 - 126	5	30		
Indeno[1,2,3-cd]pyrene	131	107	72 - 139	20	30		
Dibenz(a,h)anthracene	128	117	72 - 142	9	30		
3,3'-Dichlorobenzidine	118	109	71 - 132	8	30		
1,2,4,5-Tetrachlorobenzene	82	80	57 - 113	3	30		
2,3,4,6-Tetrachlorophenol	79	89	61 - 118	12	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Nitrobenzene-d5	77	82	62 - 120
Phenol-d5	25	27	10 - 53
Terphenyl-d14	88	83	57 - 125
2,4,6-Tribromophenol	74	78	43 - 126
2-Fluorophenol	36	41	13 - 77
2-Fluorobiphenyl	64	65	63 - 113

Client: Antea USA, Inc. Job Number: 460-104194-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-334367

Method: 8270D
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-334367/4-A	Analysis Batch:	460-334836	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-334367	Lab File ID:	M966511.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/12/2015 1604	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	11/10/2015 1108			Injection Volume:	5 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-334367/5-A	Analysis Batch:	460-334836	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-334367	Lab File ID:	M966512.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/12/2015 1626	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	11/10/2015 1108			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzaldehyde	76	75	56 - 114	2	30		
Caprolactam	22	20	10 - 45	10	30		
Atrazine	72	74	58 - 134	3	30		

Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits
Nitrobenzene-d5	79		87	62 - 120
Phenol-d5	26		29	10 - 53
Terphenyl-d14	94		92	57 - 125
2,4,6-Tribromophenol	57		70	43 - 126
2-Fluorophenol	37		41	13 - 77
2-Fluorobiphenyl	62	X	71	63 - 113

Client: Antea USA, Inc. Job Number: 460-104194-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-334367

Method: 8270D
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-334367/2-A	Units: ug/L	LCSD Lab Sample ID:	LCSD 460-334367/3-A	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	11/12/2015 0356		Analysis Date:	11/12/2015 1543	
Prep Date:	11/10/2015 1108		Prep Date:	11/10/2015 1108	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Phenol	80.0	80.0	24.9	28.3
2-Chlorophenol	80.0	80.0	62.3	69.0
2-Methylphenol	80.0	80.0	52.4	54.4
4-Methylphenol	80.0	80.0	48.1	50.8
Acetophenone	80.0	80.0	69.6	69.9
Bis(2-chloroethyl)ether	80.0	80.0	62.9	62.9
2,2'-oxybis[1-chloropropane]	80.0	80.0	67.2	70.2
N-Nitrosodi-n-propylamine	80.0	80.0	65.1	66.1
Nitrobenzene	80.0	80.0	72.1	75.3
Hexachloroethane	80.0	80.0	60.6	57.1
Isophorone	80.0	80.0	67.0	76.3
2-Nitrophenol	80.0	80.0	71.6	81.7
2,4-Dimethylphenol	80.0	80.0	65.2	69.6
2,4-Dichlorophenol	80.0	80.0	72.2	80.1
Bis(2-chloroethoxy)methane	80.0	80.0	70.7	74.9
Naphthalene	80.0	80.0	67.9	64.7
4-Chloroaniline	80.0	80.0	65.8	67.7
Hexachlorobutadiene	80.0	80.0	62.8	59.3
4-Chloro-3-methylphenol	80.0	80.0	66.4	69.1
2-Methylnaphthalene	80.0	80.0	76.9	77.5
Hexachlorobenzene	80.0	80.0	79.7	72.3
Hexachlorocyclopentadiene	80.0	80.0	66.4	63.5
2,4,6-Trichlorophenol	80.0	80.0	68.0	69.3
2,4,5-Trichlorophenol	80.0	80.0	65.4	72.0
Diphenyl	80.0	80.0	66.6	65.7
2-Chloronaphthalene	80.0	80.0	64.4	66.3
2-Nitroaniline	80.0	80.0	66.7	74.4
2,6-Dinitrotoluene	80.0	80.0	69.3	74.1
Dimethyl phthalate	80.0	80.0	70.4	70.7
Acenaphthylene	80.0	80.0	66.9	69.9
3-Nitroaniline	80.0	80.0	63.8	72.2
Acenaphthene	80.0	80.0	71.7	71.7
4-Nitrophenol	160	160	36.3	48.2
2,4-Dinitrophenol	160	160	130	126
Dibenzofuran	80.0	80.0	62.9	63.3
Diethyl phthalate	80.0	80.0	87.9	91.3
Fluorene	80.0	80.0	72.3	77.9
Fluoranthene	80.0	80.0	81.7	79.4
Di-n-butyl phthalate	80.0	80.0	91.0	85.2

Client: Antea USA, Inc. Job Number: 460-104194-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-334367

Method: 8270D
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-334367/2-A	Units: ug/L	LCSD Lab Sample ID:	LCSD 460-334367/3-A	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	11/12/2015 0356		Analysis Date:	11/12/2015 1543	
Prep Date:	11/10/2015 1108		Prep Date:	11/10/2015 1108	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
2,4-Dinitrotoluene	80.0	80.0	68.3	70.6
4-Chlorophenyl phenyl ether	80.0	80.0	63.3	67.7
4-Nitroaniline	80.0	80.0	67.8	80.3
4,6-Dinitro-2-methylphenol	160	160	167	157
4-Bromophenyl phenyl ether	80.0	80.0	80.8	78.2
Anthracene	80.0	80.0	80.2	77.3
Carbazole	80.0	80.0	75.8	78.9
Phenanthrene	80.0	80.0	84.0	74.8
Pentachlorophenol	160	160	143	137
Pyrene	80.0	80.0	79.3	74.7
Chrysene	80.0	80.0	84.0	85.4
Benzo[k]fluoranthene	80.0	80.0	74.0	72.9
Benzo[g,h,i]perylene	80.0	80.0	106	88.4
Benzo[b]fluoranthene	80.0	80.0	78.9	78.1
Benzo[a]pyrene	80.0	80.0	81.8	81.0
Benzo[a]anthracene	80.0	80.0	81.1	76.2
N-Nitrosodiphenylamine	160	160	121	110
Butyl benzyl phthalate	80.0	80.0	86.9	82.4
Bis(2-ethylhexyl) phthalate	80.0	80.0	82.9	77.7
Di-n-octyl phthalate	80.0	80.0	72.0	75.9
Indeno[1,2,3-cd]pyrene	80.0	80.0	105	85.9
Dibenz(a,h)anthracene	80.0	80.0	102	93.2
3,3'-Dichlorobenzidine	80.0	80.0	94.4	86.9
1,2,4,5-Tetrachlorobenzene	80.0	80.0	65.7	63.6
2,3,4,6-Tetrachlorophenol	80.0	80.0	63.1	71.0

Client: Antea USA, Inc. Job Number: 460-104194-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-334367

Method: 8270D
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-334367/4-A	Units: ug/L	LCSD Lab Sample ID:	LCSD 460-334367/5-A
Client Matrix:	Water		Client Matrix:	Water
Dilution:	1.0		Dilution:	1.0
Analysis Date:	11/12/2015 1604		Analysis Date:	11/12/2015 1626
Prep Date:	11/10/2015 1108		Prep Date:	11/10/2015 1108
Leach Date:	N/A		Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Benzaldehyde	160	160	122	120
Caprolactam	160	160	35.9	32.4
Atrazine	160	160	115	118

Client: Antea USA, Inc. Job Number: 460-104194-1

Method Blank - Batch: 460-334425

Method: 8270D
Preparation: 3546

Lab Sample ID:	MB 460-334425/1-A	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-334425	Lab File ID:	x8402.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/11/2015 0601	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	11	U	11	330
2-Chlorophenol	8.4	U	8.4	330
2-Methylphenol	14	U	14	330
4-Methylphenol	9.0	U	9.0	330
Benzaldehyde	25	U	25	330
Acetophenone	7.2	U	7.2	330
Bis(2-chloroethyl)ether	7.8	U	7.8	33
2,2'-oxybis[1-chloropropane]	14	U	14	330
N-Nitrosodi-n-propylamine	11	U	11	33
Nitrobenzene	10	U	10	33
Hexachloroethane	12	U	12	33
Isophorone	7.1	U	7.1	130
2-Nitrophenol	11	U	11	330
2,4-Dimethylphenol	73	U	73	330
2,4-Dichlorophenol	7.8	U	7.8	130
Bis(2-chloroethoxy)methane	10	U	10	330
Naphthalene	8.4	U	8.4	330
4-Chloroaniline	8.5	U	8.5	330
Hexachlorobutadiene	9.3	U	9.3	67
Caprolactam	24	U	24	330
4-Chloro-3-methylphenol	14	U	14	330
2-Methylnaphthalene	7.3	U	7.3	330
Hexachlorobenzene	13	U	13	33
Hexachlorocyclopentadiene	21	U	21	330
2,4,6-Trichlorophenol	9.4	U	9.4	130
2,4,5-Trichlorophenol	33	U	33	330
Diphenyl	28	U	28	330
2-Chloronaphthalene	7.5	U	7.5	330
2-Nitroaniline	11	U	11	330
2,6-Dinitrotoluene	18	U	18	67
Dimethyl phthalate	9.6	U	9.6	330
Acenaphthylene	8.5	U	8.5	330
3-Nitroaniline	9.8	U	9.8	330
Acenaphthene	8.0	U	8.0	330
4-Nitrophenol	160	U	160	670
2,4-Dinitrophenol	250	U	250	270
Dibenzofuran	10	U	10	330
Diethyl phthalate	9.4	U	9.4	330
Fluorene	7.2	U	7.2	330
Fluoranthene	9.8	U	9.8	330
Di-n-butyl phthalate	9.9	U	9.9	330
2,4-Dinitrotoluene	13	U	13	67
4-Chlorophenyl phenyl ether	9.9	U	9.9	330
4-Nitroaniline	13	U	13	330
4,6-Dinitro-2-methylphenol	88	U	88	270

Client: Antea USA, Inc. Job Number: 460-104194-1

Method Blank - Batch: 460-334425

Method: 8270D
Preparation: 3546

Lab Sample ID:	MB 460-334425/1-A	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-334425	Lab File ID:	x8402.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/11/2015 0601	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	10	U	10	330
Atrazine	15	U	15	130
Anthracene	31	U	31	330
Carbazole	8.2	U	8.2	330
Phenanthrene	8.8	U	8.8	330
Pentachlorophenol	40	U	40	270
Pyrene	15	U	15	330
Chrysene	9.0	U	9.0	330
Benzo[k]fluoranthene	14	U	14	33
Benzo[g,h,i]perylene	19	U	19	330
Benzo[b]fluoranthene	13	U	13	33
Benzo[a]pyrene	10	U	10	33
Benzo[a]anthracene	28	U	28	33
N-Nitrosodiphenylamine	30	U	30	330
Butyl benzyl phthalate	10	U	10	330
Bis(2-ethylhexyl) phthalate	13	U	13	330
Di-n-octyl phthalate	17	U	17	330
Indeno[1,2,3-cd]pyrene	22	U	22	33
Dibenz(a,h)anthracene	17	U	17	33
3,3'-Dichlorobenzidine	37	U	37	130
1,2,4,5-Tetrachlorobenzene	25	U	25	330
2,3,4,6-Tetrachlorophenol	31	U	31	330

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	80	28 - 92
Phenol-d5	77	22 - 88
Terphenyl-d14	99	16 - 114
2,4,6-Tribromophenol	82	10 - 95
2-Fluorophenol	72	21 - 84
2-Fluorobiphenyl	69	27 - 84

Method Blank TICs- Batch: 460-334425

Cas Number	Analyte	RT	Est. Result (ug/	Qual
	Aldol condensation product	2.79	1980	J A

Client: Antea USA, Inc. Job Number: 460-104194-1

Lab Control Sample - Batch: 460-334425

Method: 8270D
Preparation: 3546

Lab Sample ID:	LCS 460-334425/2-A	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-334425	Lab File ID:	x8397.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/11/2015 0401	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	3330	2480	75	55 - 99	
2-Chlorophenol	3330	2450	74	58 - 95	
2-Methylphenol	3330	2520	76	56 - 99	
4-Methylphenol	3330	2420	73	53 - 103	
Acetophenone	3330	2610	78	56 - 107	
Bis(2-chloroethyl)ether	3330	2600	78	58 - 102	
2,2'-oxybis[1-chloropropane]	3330	2460	74	42 - 119	
N-Nitrosodi-n-propylamine	3330	2710	81	56 - 112	
Nitrobenzene	3330	2450	74	59 - 102	
Hexachloroethane	3330	2370	71	60 - 94	
Isophorone	3330	2750	83	60 - 102	
2-Nitrophenol	3330	2550	76	63 - 103	
2,4-Dimethylphenol	3330	2460	74	60 - 98	
2,4-Dichlorophenol	3330	2420	73	59 - 99	
Bis(2-chloroethoxy)methane	3330	2570	77	61 - 102	
Naphthalene	3330	2500	75	64 - 99	
4-Chloroaniline	3330	1760	53	10 - 82	
Hexachlorobutadiene	3330	2520	76	60 - 105	
4-Chloro-3-methylphenol	3330	2560	77	58 - 108	
2-Methylnaphthalene	3330	2580	77	64 - 102	
Hexachlorobenzene	3330	2900	87	65 - 117	
Hexachlorocyclopentadiene	3330	2610	78	37 - 119	
2,4,6-Trichlorophenol	3330	2470	74	61 - 107	
2,4,5-Trichlorophenol	3330	2250	67	59 - 105	
Diphenyl	3330	2280	68	64 - 103	
2-Chloronaphthalene	3330	2240	67	63 - 102	
2-Nitroaniline	3330	1820	55	46 - 113	
2,6-Dinitrotoluene	3330	2490	75	63 - 112	
Dimethyl phthalate	3330	2420	73	64 - 108	
Acenaphthylene	3330	2360	71	63 - 102	
3-Nitroaniline	3330	1580	47	23 - 89	
Acenaphthene	3330	2340	70	59 - 102	
4-Nitrophenol	6670	4510	68	45 - 125	
2,4-Dinitrophenol	6670	4710	71	26 - 137	
Dibenzofuran	3330	2340	70	62 - 102	
Diethyl phthalate	3330	2490	75	61 - 110	
Fluorene	3330	2350	70	65 - 108	
Fluoranthene	3330	2510	75	59 - 109	
Di-n-butyl phthalate	3330	2730	82	62 - 114	
2,4-Dinitrotoluene	3330	2630	79	61 - 118	
4-Chlorophenyl phenyl ether	3330	2410	72	63 - 107	
4-Nitroaniline	3330	2070	62	44 - 109	
4,6-Dinitro-2-methylphenol	6670	5300	79	51 - 124	
4-Bromophenyl phenyl ether	3330	2830	85	65 - 114	
Anthracene	3330	2600	78	66 - 105	
Carbazole	3330	2520	76	62 - 107	

Lab Control Sample - Batch: 460-334425

Method: 8270D
Preparation: 3546

Lab Sample ID:	LCS 460-334425/2-A	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-334425	Lab File ID:	x8397.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/11/2015 0401	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenanthrene	3330	2640	79	66 - 105	
Pentachlorophenol	6670	5240	79	47 - 115	
Pyrene	3330	2910	87	55 - 126	
Chrysene	3330	2680	80	64 - 105	
Benzo[k]fluoranthene	3330	2640	79	65 - 114	
Benzo[g,h,i]perylene	3330	2630	79	49 - 124	
Benzo[b]fluoranthene	3330	2790	84	67 - 116	
Benzo[a]pyrene	3330	2780	83	68 - 111	
Benzo[a]anthracene	3330	2570	77	65 - 106	
N-Nitrosodiphenylamine	6670	4470	67	71 - 119	*
Butyl benzyl phthalate	3330	2800	84	62 - 123	
Bis(2-ethylhexyl) phthalate	3330	2820	84	60 - 125	
Di-n-octyl phthalate	3330	2940	88	52 - 137	
Indeno[1,2,3-cd]pyrene	3330	2750	83	50 - 134	
Dibenz(a,h)anthracene	3330	2740	82	54 - 126	
3,3'-Dichlorobenzidine	3330	1450	43	18 - 92	
1,2,4,5-Tetrachlorobenzene	3330	2280	69	62 - 109	
2,3,4,6-Tetrachlorophenol	3330	2450	74	57 - 113	

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	74	28 - 92
Phenol-d5	73	22 - 88
Terphenyl-d14	92	16 - 114
2,4,6-Tribromophenol	79	10 - 95
2-Fluorophenol	69	21 - 84
2-Fluorobiphenyl	68	27 - 84

Lab Control Sample - Batch: 460-334425

Method: 8270D
Preparation: 3546

Lab Sample ID:	LCS 460-334425/3-A	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-334425	Lab File ID:	x8398.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/11/2015 0425	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzaldehyde	6670	4960	74	55 - 116	
Caprolactam	6670	6580	99	44 - 129	
Atrazine	6670	6190	93	41 - 116	

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	83	28 - 92

Client: Antea USA, Inc. Job Number: 460-104194-1

Surrogate	% Rec	Acceptance Limits
Phenol-d5	79	22 - 88
Terphenyl-d14	101	16 - 114
2,4,6-Tribromophenol	80	10 - 95
2-Fluorophenol	78	21 - 84
2-Fluorobiphenyl	72	27 - 84

Client: Antea USA, Inc. Job Number: 460-104194-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334425

Method: 8270D
Preparation: 3546

MS Lab Sample ID:	460-104194-9	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-334425	Lab File ID:	x8399.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0041 g
Analysis Date:	11/11/2015 0449			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-104194-9	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-334425	Lab File ID:	x8400.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0124 g
Analysis Date:	11/11/2015 0513			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	55	53	55 - 99	3	30		F1
2-Chlorophenol	53	52	58 - 95	2	30	F1	F1
2-Methylphenol	55	55	56 - 99	1	30	F1	F1
4-Methylphenol	58	56	53 - 103	2	30		
Benzaldehyde	48	47	55 - 116	4	30	F1	F1
Acetophenone	60	58	56 - 107	3	30		
Bis(2-chloroethyl)ether	57	56	58 - 102	3	30	F1	F1
2,2'-oxybis[1-chloropropane]	56	54	42 - 119	3	30		
N-Nitrosodi-n-propylamine	62	60	56 - 112	3	30		
Nitrobenzene	54	55	59 - 102	0	30	F1	F1
Hexachloroethane	54	53	60 - 94	2	30	F1	F1
Isophorone	63	63	60 - 102	1	30		
2-Nitrophenol	45	47	63 - 103	6	30	F1	F1
2,4-Dimethylphenol	54	53	60 - 98	2	30	F1	F1
2,4-Dichlorophenol	51	51	59 - 99	1	30	F1	F1
Bis(2-chloroethoxy)methane	59	58	61 - 102	1	30	F1	F1
Naphthalene	57	57	64 - 99	0	30	F1	F1
4-Chloroaniline	40	41	10 - 82	4	30		
Hexachlorobutadiene	57	57	60 - 105	1	30	F1	F1
Caprolactam	41	46	44 - 129	12	30	F1	
4-Chloro-3-methylphenol	57	56	58 - 108	1	30	F1	F1
2-Methylnaphthalene	60	60	64 - 102	0	30	F1	F1
Hexachlorobenzene	65	65	65 - 117	0	30		
Hexachlorocyclopentadiene	58	57	37 - 119	2	30		
2,4,6-Trichlorophenol	45	44	61 - 107	0	30	F1	F1
2,4,5-Trichlorophenol	39	40	59 - 105	1	30	F1	F1
Diphenyl	52	52	64 - 103	1	30	F1	F1
2-Chloronaphthalene	51	51	63 - 102	1	30	F1	F1
2-Nitroaniline	53	51	46 - 113	3	30		
2,6-Dinitrotoluene	58	56	63 - 112	3	30	F1	F1
Dimethyl phthalate	55	55	64 - 108	0	30	F1	F1
Acenaphthylene	55	54	63 - 102	2	30	F1	F1
3-Nitroaniline	46	46	23 - 89	1	30		

Client: Antea USA, Inc. Job Number: 460-104194-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334425

Method: 8270D
Preparation: 3546

MS Lab Sample ID:	460-104194-9	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-334425	Lab File ID:	x8399.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0041 g
Analysis Date:	11/11/2015 0449			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-104194-9	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-334425	Lab File ID:	x8400.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0124 g
Analysis Date:	11/11/2015 0513			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	54	53	59 - 102	2	30	F1	F1
4-Nitrophenol	39	38	45 - 125	2	30	F1	F1
2,4-Dinitrophenol	5	4	26 - 137	9	30	F1	F1
Dibenzofuran	53	53	62 - 102	1	30	F1	F1
Diethyl phthalate	56	56	61 - 110	2	30	F1	F1
Fluorene	55	54	65 - 108	1	30	F1	F1
Fluoranthene	58	57	59 - 109	2	30	F1	F1
Di-n-butyl phthalate	61	60	62 - 114	2	30	F1	F1
2,4-Dinitrotoluene	59	57	61 - 118	3	30	F1	F1
4-Chlorophenyl phenyl ether	55	56	63 - 107	0	30	F1	F1
4-Nitroaniline	50	48	44 - 109	3	30		
4,6-Dinitro-2-methylphenol	9	7	51 - 124	25	30	F1	F1
4-Bromophenyl phenyl ether	64	64	65 - 114	1	30	F1	F1
Atrazine	62	63	41 - 116	1	30		
Anthracene	60	60	66 - 105	0	30	F1	F1
Carbazole	57	57	62 - 107	0	30	F1	F1
Phenanthrene	59	60	66 - 105	1	30	F1	F1
Pentachlorophenol	18	17	47 - 115	3	30	F1	F1
Pyrene	67	65	55 - 126	2	30		
Chrysene	62	60	64 - 105	4	30	F1	F1
Benzo[k]fluoranthene	63	62	65 - 114	3	30	F1	F1
Benzo[g,h,i]perylene	61	59	49 - 124	2	30		
Benzo[b]fluoranthene	65	64	67 - 116	3	30	F1	F1
Benzo[a]pyrene	65	63	68 - 111	3	30	F1	F1
Benzo[a]anthracene	60	58	65 - 106	3	30	F1	F1
N-Nitrosodiphenylamine	50	51	71 - 119	1	30	F1	F1
Butyl benzyl phthalate	63	61	62 - 123	3	30		F1
Bis(2-ethylhexyl) phthalate	64	62	60 - 125	3	30		
Di-n-octyl phthalate	68	65	52 - 137	4	30		
Indeno[1,2,3-cd]pyrene	63	61	50 - 134	2	30		
Dibenz(a,h)anthracene	61	61	54 - 126	1	30		
3,3'-Dichlorobenzidine	45	45	18 - 92	0	30		
1,2,4,5-Tetrachlorobenzene	52	51	62 - 109	1	30	F1	F1

Client: Antea USA, Inc. Job Number: 460-104194-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334425

Method: 8270D
Preparation: 3546

MS Lab Sample ID:	460-104194-9	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-334425	Lab File ID:	x8399.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0041 g
Analysis Date:	11/11/2015 0449			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-104194-9	Analysis Batch:	460-334538	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-334425	Lab File ID:	x8400.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0124 g
Analysis Date:	11/11/2015 0513			Final Weight/Volume:	1 mL
Prep Date:	11/10/2015 1409			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,3,4,6-Tetrachlorophenol	33	34	57 - 113	2	30	F1	F1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Nitrobenzene-d5	56	56	28 - 92
Phenol-d5	56	54	22 - 88
Terphenyl-d14	72	68	16 - 114
2,4,6-Tribromophenol	53	49	10 - 95
2-Fluorophenol	52	50	21 - 84
2-Fluorobiphenyl	53	51	27 - 84

Client: Antea USA, Inc. Job Number: 460-104194-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334425

Method: 8270D
Preparation: 3546

MS Lab Sample ID:	460-104194-9	Units: ug/Kg		MSD Lab Sample ID:	460-104194-9
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/11/2015 0449			Analysis Date:	11/11/2015 0513
Prep Date:	11/10/2015 1409			Prep Date:	11/10/2015 1409
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Phenol	11	U	3530	3530	1940		1890	F1
2-Chlorophenol	8.9	U	3530	3530	1880	F1	1850	F1
2-Methylphenol	15	U	3530	3530	1960	F1	1940	F1
4-Methylphenol	9.5	U	3530	3530	2030		1990	
Benzaldehyde	27	U	7070	7060	3420	F1	3290	F1
Acetophenone	7.6	U	3530	3530	2110		2050	
Bis(2-chloroethyl)ether	8.2	U	3530	3530	2030	F1	1970	F1
2,2'-oxybis[1-chloropropane]	14	U	3530	3530	1970		1920	
N-Nitrosodi-n-propylamine	12	U	3530	3530	2180		2120	
Nitrobenzene	11	U	3530	3530	1920	F1	1930	F1
Hexachloroethane	13	U	3530	3530	1910	F1	1880	F1
Isophorone	7.5	U	3530	3530	2240		2220	
2-Nitrophenol	12	U	3530	3530	1590	F1	1680	F1
2,4-Dimethylphenol	77	U	3530	3530	1920	F1	1890	F1
2,4-Dichlorophenol	8.2	U	3530	3530	1790	F1	1810	F1
Bis(2-chloroethoxy)methane	11	U	3530	3530	2080	F1	2060	F1
Naphthalene	8.9	U	3530	3530	2000	F1	2000	F1
4-Chloroaniline	9.0	U	3530	3530	1400		1460	
Hexachlorobutadiene	9.8	U	3530	3530	2000	F1	2020	F1
Caprolactam	25	U	7070	7060	2870	F1	3230	
4-Chloro-3-methylphenol	15	U	3530	3530	2010	F1	1980	F1
2-Methylnaphthalene	7.7	U	3530	3530	2110	F1	2100	F1
Hexachlorobenzene	14	U	3530	3530	2280		2280	
Hexachlorocyclopentadiene	22	U	3530	3530	2040		2010	
2,4,6-Trichlorophenol	9.9	U	3530	3530	1570	F1	1570	F1
2,4,5-Trichlorophenol	35	U	3530	3530	1390	F1	1400	F1
Diphenyl	30	U	3530	3530	1850	F1	1820	F1
2-Chloronaphthalene	7.9	U	3530	3530	1810	F1	1800	F1
2-Nitroaniline	12	U	3530	3530	1870		1820	
2,6-Dinitrotoluene	19	U	3530	3530	2030	F1	1980	F1
Dimethyl phthalate	10	U	3530	3530	1950	F1	1940	F1
Acenaphthylene	9.0	U	3530	3530	1930	F1	1890	F1
3-Nitroaniline	10	U	3530	3530	1610		1630	
Acenaphthene	8.5	U	3530	3530	1900	F1	1870	F1
4-Nitrophenol	170	U	7070	7060	2730	F1	2690	F1
2,4-Dinitrophenol	260	U	7070	7060	327	F1	300	F1
Dibenzofuran	11	U	3530	3530	1890	F1	1870	F1
Diethyl phthalate	9.9	U	3530	3530	2000	F1	1960	F1
Fluorene	7.6	U	3530	3530	1930	F1	1920	F1
Fluoranthene	10	U	3530	3530	2050	F1	2020	F1
Di-n-butyl phthalate	10	U	3530	3530	2140	F1	2110	F1
2,4-Dinitrotoluene	14	U	3530	3530	2080	F1	2010	F1
4-Chlorophenyl phenyl ether	10	U	3530	3530	1960	F1	1960	F1

Client: Antea USA, Inc. Job Number: 460-104194-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334425

Method: 8270D
Preparation: 3546

MS Lab Sample ID:	460-104194-9	Units: ug/Kg	MSD Lab Sample ID:	460-104194-9	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	11/11/2015 0449		Analysis Date:	11/11/2015 0513	
Prep Date:	11/10/2015 1409		Prep Date:	11/10/2015 1409	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
4-Nitroaniline	13	U	3530	3530	1760		1700	
4,6-Dinitro-2-methylphenol	93	U	7070	7060	665	F1	518	F1
4-Bromophenyl phenyl ether	11	U	3530	3530	2260	F1	2240	F1
Atrazine	16	U	7070	7060	4370		4430	
Anthracene	33	U	3530	3530	2110	F1	2120	F1
Carbazole	8.7	U	3530	3530	2030	F1	2020	F1
Phenanthrene	9.3	U	3530	3530	2100	F1	2120	F1
Pentachlorophenol	42	U	7070	7060	1270	F1	1230	F1
Pyrene	16	U	3530	3530	2360		2310	
Chrysene	9.5	U	3530	3530	2200	F1	2120	F1
Benzo[k]fluoranthene	15	U	3530	3530	2240	F1	2170	F1
Benzo[g,h,i]perylene	20	U	3530	3530	2140		2100	
Benzo[b]fluoranthene	14	U	3530	3530	2310	F1	2240	F1
Benzo[a]pyrene	11	U	3530	3530	2310	F1	2230	F1
Benzo[a]anthracene	29	U	3530	3530	2110	F1	2050	F1
N-Nitrosodiphenylamine	32	U	7070	7060	3540	F1	3580	F1
Butyl benzyl phthalate	11	U	3530	3530	2220		2140	F1
Bis(2-ethylhexyl) phthalate	14	U	3530	3530	2250		2180	
Di-n-octyl phthalate	18	U	3530	3530	2400		2300	
Indeno[1,2,3-cd]pyrene	23	U	3530	3530	2210		2170	
Dibenz(a,h)anthracene	18	U	3530	3530	2170		2150	
3,3'-Dichlorobenzidine	39	U	3530	3530	1600		1600	
1,2,4,5-Tetrachlorobenzene	26	U	3530	3530	1840	F1	1810	F1
2,3,4,6-Tetrachlorophenol	33	U	3530	3530	1170	F1	1190	F1

Client: Antea USA, Inc. Job Number: 460-104194-1

Method Blank - Batch: 460-334069

Method: 8082A
Preparation: 3510C

Lab Sample ID:	MB 460-334069/1-A	Analysis Batch:	460-334730	Instrument ID:	CPESTGC9
Client Matrix:	Water	Prep Batch:	460-334069	Lab File ID:	VR504473.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/11/2015 1539	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1014			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	0.098	U	0.098	0.40
Aroclor 1221	0.098	U	0.098	0.40
Aroclor 1232	0.098	U	0.098	0.40
Aroclor 1242	0.098	U	0.098	0.40
Aroclor 1248	0.098	U	0.098	0.40
Aroclor 1254	0.084	U	0.084	0.40
Aroclor 1260	0.084	U	0.084	0.40
Aroclor 1262	0.084	U	0.084	0.40
Aroclor 1268	0.084	U	0.084	0.40

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	47	10 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	46	10 - 150

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-334069

Method: 8082A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-334069/2-A	Analysis Batch:	460-334730	Instrument ID:	CPESTGC9
Client Matrix:	Water	Prep Batch:	460-334069	Lab File ID:	VR504474.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/11/2015 1555	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1014			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

LCSD Lab Sample ID:	LCSD 460-334069/3-A	Analysis Batch:	460-334730	Instrument ID:	CPESTGC9
Client Matrix:	Water	Prep Batch:	460-334069	Lab File ID:	VR504475.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/11/2015 1610	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1014			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aroclor 1016	126	130	74 - 150	3	30		
Aroclor 1260	131	127	65 - 150	4	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	75	74	10 - 150

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-334069

Method: 8082A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-334069/2-A	Analysis Batch:	460-334730	Instrument ID:	CPESTGC9
Client Matrix:	Water	Prep Batch:	460-334069	Lab File ID:	VR504474.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/11/2015 1555	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1014			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

LCSD Lab Sample ID:	LCSD 460-334069/3-A	Analysis Batch:	460-334730	Instrument ID:	CPESTGC9
Client Matrix:	Water	Prep Batch:	460-334069	Lab File ID:	VR504475.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/11/2015 1610	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1014			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aroclor 1016	123	120	74 - 150	2	30		
Aroclor 1260	124	120	65 - 150	4	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	72	70	10 - 150

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-334069

Method: 8082A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-334069/2-A	Units: ug/L	LCSD Lab Sample ID:	LCSD 460-334069/3-A
Client Matrix:	Water		Client Matrix:	Water
Dilution:	1.0		Dilution:	1.0
Analysis Date:	11/11/2015 1555		Analysis Date:	11/11/2015 1610
Prep Date:	11/09/2015 1014		Prep Date:	11/09/2015 1014
Leach Date:	N/A		Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Aroclor 1016	4.00	4.00	5.05	5.20
Aroclor 1260	4.00	4.00	5.26	5.06

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-334069

Method: 8082A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-334069/2-A	Units: ug/L	LCSD Lab Sample ID:	LCSD 460-334069/3-A
Client Matrix:	Water		Client Matrix:	Water
Dilution:	1.0		Dilution:	1.0
Analysis Date:	11/11/2015 1555		Analysis Date:	11/11/2015 1610
Prep Date:	11/09/2015 1014		Prep Date:	11/09/2015 1014
Leach Date:	N/A		Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Aroclor 1016	4.00	4.00	4.93	4.82
Aroclor 1260	4.00	4.00	4.97	4.79

Client: Antea USA, Inc. Job Number: 460-104194-1

Method Blank - Batch: 460-334586

Method: 8082A
Preparation: 3546

Lab Sample ID:	MB 460-334586/1-A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-334586	Lab File ID:	T1312098.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/11/2015 2233	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/11/2015 0521			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	8.9	U	8.9	67
Aroclor 1221	8.9	U	8.9	67
Aroclor 1232	8.9	U	8.9	67
Aroclor 1242	8.9	U	8.9	67
Aroclor 1248	8.9	U	8.9	67
Aroclor 1254	9.2	U	9.2	67
Aroclor 1260	9.2	U	9.2	67
Aroclor 1262	9.2	U	9.2	67
Aroclor 1268	9.2	U	9.2	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	120	47 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	114	47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Lab Control Sample - Batch: 460-334586

Method: 8082A
Preparation: 3546

Lab Sample ID:	LCS 460-334586/2-A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-334586	Lab File ID:	T1312099.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/11/2015 2247	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/11/2015 0521			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	356	107	70 - 149	
Aroclor 1260	333	382	115	71 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	121	47 - 150

Lab Control Sample - Batch: 460-334586

Method: 8082A
Preparation: 3546

Lab Sample ID:	LCS 460-334586/2-A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-334586	Lab File ID:	T1312099.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/11/2015 2247	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/11/2015 0521			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	340	102	70 - 149	
Aroclor 1260	333	359	108	71 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	117	47 - 150

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334586

Method: 8082A
Preparation: 3546

MS Lab Sample ID:	460-104183-A-23-A MS	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-334586	Lab File ID:	T1312100.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0030 g
Analysis Date:	11/11/2015 2302			Final Weight/Volume:	10 mL
Prep Date:	11/11/2015 0521			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-104183-A-23-B MSD	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-334586	Lab File ID:	T1312101.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0441 g
Analysis Date:	11/11/2015 2316			Final Weight/Volume:	10 mL
Prep Date:	11/11/2015 0521			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	121	124	70 - 149	2	30		
Aroclor 1260	122	127	71 - 150	4	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	121	125	47 - 150

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334586

Method: 8082A
Preparation: 3546

MS Lab Sample ID:	460-104183-A-23-A MS	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-334586	Lab File ID:	T1312100.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0030 g
Analysis Date:	11/11/2015 2302			Final Weight/Volume:	10 mL
Prep Date:	11/11/2015 0521			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-104183-A-23-B MSD	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-334586	Lab File ID:	T1312101.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0441 g
Analysis Date:	11/11/2015 2316			Final Weight/Volume:	10 mL
Prep Date:	11/11/2015 0521			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	118	121	70 - 149	2	30		
Aroclor 1260	116	121	71 - 150	4	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	117	123	47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334586

Method: 8082A
Preparation: 3546

MS Lab Sample ID:	460-104183-A-23-A MS	Units:	ug/Kg
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	11/11/2015 2302		
Prep Date:	11/11/2015 0521		
Leach Date:	N/A		

MSD Lab Sample ID:	460-104183-A-23-B MSD
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	11/11/2015 2316
Prep Date:	11/11/2015 0521
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	14	U	539	538	651	667
Aroclor 1260	15	U	539	538	656	685

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334586

Method: 8082A
Preparation: 3546

MS Lab Sample ID:	460-104183-A-23-A MS	Units:	ug/Kg
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	11/11/2015 2302		
Prep Date:	11/11/2015 0521		
Leach Date:	N/A		

MSD Lab Sample ID:	460-104183-A-23-B MSD
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	11/11/2015 2316
Prep Date:	11/11/2015 0521
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	14	U	539	538	638	653
Aroclor 1260	15	U	539	538	627	652

Client: Antea USA, Inc. Job Number: 460-104194-1

Method Blank - Batch: 460-334588

Method: 8082A
Preparation: 3546

Lab Sample ID:	MB 460-334588/1-A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-334588	Lab File ID:	T1312067.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/11/2015 1501	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/11/2015 0525			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	8.9	U	8.9	67
Aroclor 1221	8.9	U	8.9	67
Aroclor 1232	8.9	U	8.9	67
Aroclor 1242	8.9	U	8.9	67
Aroclor 1248	8.9	U	8.9	67
Aroclor 1254	9.2	U	9.2	67
Aroclor 1260	9.2	U	9.2	67
Aroclor 1262	9.2	U	9.2	67
Aroclor 1268	9.2	U	9.2	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	111	47 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	100	47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Lab Control Sample - Batch: 460-334588

Method: 8082A
Preparation: 3546

Lab Sample ID:	LCS 460-334588/2-A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-334588	Lab File ID:	T1312068.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/11/2015 1515	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/11/2015 0525			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	323	97	70 - 149	
Aroclor 1260	333	351	105	71 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	112	47 - 150

Lab Control Sample - Batch: 460-334588

Method: 8082A
Preparation: 3546

Lab Sample ID:	LCS 460-334588/2-A	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-334588	Lab File ID:	T1312068.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/11/2015 1515	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/11/2015 0525			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	314	94	70 - 149	
Aroclor 1260	333	336	101	71 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	103	47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334588

Method: 8082A
Preparation: 3546

MS Lab Sample ID:	460-104194-1	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-334588	Lab File ID:	T1312070.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0010 g
Analysis Date:	11/11/2015 1545			Final Weight/Volume:	10 mL
Prep Date:	11/11/2015 0525			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-104194-1	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-334588	Lab File ID:	T1312071.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0045 g
Analysis Date:	11/11/2015 1559			Final Weight/Volume:	10 mL
Prep Date:	11/11/2015 0525			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	96	102	70 - 149	6	30		
Aroclor 1260	106	113	71 - 150	6	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	108	115	47 - 150

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334588

Method: 8082A
Preparation: 3546

MS Lab Sample ID:	460-104194-1	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-334588	Lab File ID:	T1312070.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0010 g
Analysis Date:	11/11/2015 1545			Final Weight/Volume:	10 mL
Prep Date:	11/11/2015 0525			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-104194-1	Analysis Batch:	460-334728	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-334588	Lab File ID:	T1312071.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0045 g
Analysis Date:	11/11/2015 1559			Final Weight/Volume:	10 mL
Prep Date:	11/11/2015 0525			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	94	101	70 - 149	7	30		
Aroclor 1260	99	106	71 - 150	7	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	103	107	47 - 150

Client: Antea USA, Inc. Job Number: 460-104194-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334588

Method: 8082A
Preparation: 3546

MS Lab Sample ID:	460-104194-1	Units: ug/Kg	MSD Lab Sample ID: 460-104194-1
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	1.0		Dilution: 1.0
Analysis Date:	11/11/2015 1545		Analysis Date: 11/11/2015 1559
Prep Date:	11/11/2015 0525		Prep Date: 11/11/2015 0525
Leach Date:	N/A		Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	9.6	U	358	358	343	366
Aroclor 1260	9.9	U	358	358	379	404

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334588

Method: 8082A
Preparation: 3546

MS Lab Sample ID:	460-104194-1	Units: ug/Kg	MSD Lab Sample ID: 460-104194-1
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	1.0		Dilution: 1.0
Analysis Date:	11/11/2015 1545		Analysis Date: 11/11/2015 1559
Prep Date:	11/11/2015 0525		Prep Date: 11/11/2015 0525
Leach Date:	N/A		Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	9.6	U	358	358	338	361
Aroclor 1260	9.9	U	358	358	354	378

Client: Antea USA, Inc. Job Number: 460-104194-1

Method Blank - Batch: 460-334700

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	MB 460-334700/1-A	Analysis Batch:	460-334844	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-334700	Lab File ID:	GC2F8003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/12/2015 0747	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	11/11/2015 1336			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	87	23 - 104
Chlorobenzene	82	22 - 92

Lab Control Sample - Batch: 460-334700

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	LCS 460-334700/2-A	Analysis Batch:	460-334844	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-334700	Lab File ID:	GC2F8004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/12/2015 0759	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	11/11/2015 1336			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Petroleum Hydrocarbons (C8-C40)	133	131	98	48 - 131	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	96	23 - 104
Chlorobenzene	86	22 - 92

Client: Antea USA, Inc. Job Number: 460-104194-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334700

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-104194-3	Analysis Batch:	460-334844	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-334700	Lab File ID:	GC2F8005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0212 g
Analysis Date:	11/12/2015 0811			Final Weight/Volume:	1 mL
Prep Date:	11/11/2015 1336			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-104194-3	Analysis Batch:	460-334844	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-334700	Lab File ID:	GC2F8006.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0037 g
Analysis Date:	11/12/2015 0823			Final Weight/Volume:	1 mL
Prep Date:	11/11/2015 1336			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Petroleum Hydrocarbons (C8-C40)	87	84	48 - 131	3	40		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
o-Terphenyl	85	80	23 - 104
Chlorobenzene	81	75	22 - 92

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334700

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-104194-3	Units:	mg/Kg
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	11/12/2015 0811		
Prep Date:	11/11/2015 1336		
Leach Date:	N/A		

MSD Lab Sample ID:	460-104194-3
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	11/12/2015 0823
Prep Date:	11/11/2015 1336
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Total Petroleum Hydrocarbons (C8-C40)	5.7	U	143	143	125	121

Method Blank - Batch: 460-334886 **Method: NJ-OQA-QAM-025**
Preparation: 3510C

Lab Sample ID:	MB 460-334886/1-A	Analysis Batch:	460-334844	Instrument ID:	CBNAGC2
Client Matrix:	Water	Prep Batch:	460-334886	Lab File ID:	GC2F8021.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/12/2015 1123	Units:	mg/L	Final Weight/Volume:	1 mL
Prep Date:	11/12/2015 0751			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)	0.082	U	0.082	0.082

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	62	28 - 121
Chlorobenzene	62	26 - 98

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-334886 **Method: NJ-OQA-QAM-025**
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-334886/2-A	Analysis Batch:	460-334844	Instrument ID:	CBNAGC2
Client Matrix:	Water	Prep Batch:	460-334886	Lab File ID:	GC2F8022.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/12/2015 1135	Units:	mg/L	Final Weight/Volume:	1 mL
Prep Date:	11/12/2015 0751			Injection Volume:	1 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-334886/3-A	Analysis Batch:	460-334844	Instrument ID:	CBNAGC2
Client Matrix:	Water	Prep Batch:	460-334886	Lab File ID:	GC2F8023.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/12/2015 1147	Units:	mg/L	Final Weight/Volume:	1 mL
Prep Date:	11/12/2015 0751			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Total Petroleum Hydrocarbons (C8-C40)	77	80	44 - 134	4	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	78	84	28 - 121
Chlorobenzene	76	77	26 - 98

Client: Antea USA, Inc. Job Number: 460-104194-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-334886

Method: NJ-OQA-QAM-025
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-334886/2-A	Units: mg/L	LCSD Lab Sample ID:	LCSD 460-334886/3-A
Client Matrix:	Water		Client Matrix:	Water
Dilution:	1.0		Dilution:	1.0
Analysis Date:	11/12/2015 1135		Analysis Date:	11/12/2015 1147
Prep Date:	11/12/2015 0751		Prep Date:	11/12/2015 0751
Leach Date:	N/A		Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Total Petroleum Hydrocarbons (C8-C40)	2.00	2.00	1.54	1.61

Client: Antea USA, Inc.

Job Number: 460-104194-1

Duplicate - Batch: 460-334672

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-104194-19	Analysis Batch:	460-334672	Instrument ID:	No Equipment Assigned
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	11/11/2015 1048	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	8.4	7.4	13	20	
Percent Solids	91.6	92.6	1	20	

Client: Antea USA, Inc. Job Number: 460-104194-1

Duplicate - Batch: 460-334674

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-104197-D-41 DU	Analysis Batch:	460-334674	Instrument ID:	No Equipment Assigned
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	11/11/2015 1107	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	10	9.6	4	20	
Percent Solids	90.0	90.4	0.4	20	

DATA REPORTING QUALIFIERS

Client: Antea USA, Inc. Job Number: 460-104194-1

Lab Section	Qualifier	Description
GC/MS VOA		
	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	*	LCS or LCSD is outside acceptance limits.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	*	RPD of the LCS and LCSD exceeds the control limits
	N	This flag indicates the presumptive evidence of a compound.
GC/MS Semi VOA		
	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	*	LCS or LCSD is outside acceptance limits.
	F1	MS and/or MSD Recovery is outside acceptance limits.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits
	A	The tentatively identified compound is a suspected aldol-condensation product.
	N	This flag indicates the presumptive evidence of a compound.
GC Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
	X	Surrogate is outside control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
	p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Client: Antea USA, Inc. Job Number: 460-104194-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-333873					
460-104194-1	PRA-25S_1.75	T	Solid	5035	
460-104194-2	PRA-25S-3.75	T	Solid	5035	
460-104194-3	PRA-25S 8.25	T	Solid	5035	
460-104194-4	PRA-25S 11.25	T	Solid	5035	
460-104194-5	PRA-23 NW	T	Solid	5035	
460-104194-6	PRA-18 S	T	Solid	5035	
460-104194-7	PRA-10 W	T	Solid	5035	
460-104194-8	PRA-18-SE	T	Solid	5035	
460-104194-9	PRA-18-NE	T	Solid	5035	
460-104194-10	PRA-20-N	T	Solid	5035	
460-104194-12	PMP-16-NW2-WT	T	Solid	5035	
460-104194-20	DUP-2015_11_06_01	T	Solid	5035	
460-104194-22	PMP-28_NW2_WT	T	Solid	5035	
460-104194-24TB	Trip Blank	T	Solid	5035	
Prep Batch: 460-333874					
460-104194-11	PMP-15-NW2-WT	T	Solid	5035	
460-104194-15	PMP-19-NW2-WT	T	Solid	5035	
460-104194-21	PMP-27_NW2_WT	T	Solid	5035	
Analysis Batch:460-334208					
LCS 460-334208/3	Lab Control Sample	T	Solid	8260C	
LCSD 460-334208/4	Lab Control Sample Duplicate	T	Solid	8260C	
MB 460-334208/6	Method Blank	T	Solid	8260C	
460-104194-1	PRA-25S_1.75	T	Solid	8260C	460-333873
460-104194-2	PRA-25S-3.75	T	Solid	8260C	460-333873
460-104194-3	PRA-25S 8.25	T	Solid	8260C	460-333873
460-104194-4	PRA-25S 11.25	T	Solid	8260C	460-333873
460-104194-5	PRA-23 NW	T	Solid	8260C	460-333873
460-104194-6	PRA-18 S	T	Solid	8260C	460-333873
460-104194-7	PRA-10 W	T	Solid	8260C	460-333873
460-104194-8	PRA-18-SE	T	Solid	8260C	460-333873
460-104194-9	PRA-18-NE	T	Solid	8260C	460-333873
460-104194-10	PRA-20-N	T	Solid	8260C	460-333873
460-104194-12	PMP-16-NW2-WT	T	Solid	8260C	460-333873
Analysis Batch:460-334211					
LCS 460-334211/3	Lab Control Sample	T	Solid	8260C	
LCSD 460-334211/5	Lab Control Sample Duplicate	T	Solid	8260C	
MB 460-334211/7	Method Blank	T	Solid	8260C	
460-104194-11	PMP-15-NW2-WT	T	Solid	8260C	460-333874
460-104194-15	PMP-19-NW2-WT	T	Solid	8260C	460-333874

Client: Antea USA, Inc. Job Number: 460-104194-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-334289					
LCS 460-334289/4	Lab Control Sample	T	Solid	8260C	
LCSD 460-334289/5	Lab Control Sample Duplicate	T	Solid	8260C	
MB 460-334289/7	Method Blank	T	Solid	8260C	
460-104194-20	DUP-2015_11_06_01	T	Solid	8260C	460-333873
460-104194-22	PMP-28_NW2_WT	T	Solid	8260C	460-333873
460-104194-24TB	Trip Blank	T	Solid	8260C	460-333873
Analysis Batch:460-334455					
LCS 460-334455/4	Lab Control Sample	T	Water	8260C	
MB 460-334455/7	Method Blank	T	Water	8260C	
460-104036-B-1 MS	Matrix Spike	T	Water	8260C	
460-104036-B-1 MSD	Matrix Spike Duplicate	T	Water	8260C	
460-104194-23FB	FB-20151106	T	Water	8260C	
Analysis Batch:460-334504					
LCS 460-334504/4	Lab Control Sample	T	Solid	8260C	
LCSD 460-334504/5	Lab Control Sample Duplicate	T	Solid	8260C	
MB 460-334504/8	Method Blank	T	Solid	8260C	
460-104194-21	PMP-27_NW2_WT	T	Solid	8260C	460-333874

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-104194-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-334367					
LCS 460-334367/2-A	Lab Control Sample	T	Water	3510C	
LCS 460-334367/4-A	Lab Control Sample	T	Water	3510C	
LCSD 460-334367/3-A	Lab Control Sample Duplicate	T	Water	3510C	
LCSD 460-334367/5-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-334367/1-A	Method Blank	T	Water	3510C	
460-104194-23FB	FB-20151106	T	Water	3510C	
Prep Batch: 460-334425					
LCS 460-334425/2-A	Lab Control Sample	T	Solid	3546	
LCS 460-334425/3-A	Lab Control Sample	T	Solid	3546	
MB 460-334425/1-A	Method Blank	T	Solid	3546	
460-104194-1	PRA-25S_1.75	T	Solid	3546	
460-104194-2	PRA-25S-3.75	T	Solid	3546	
460-104194-3	PRA-25S 8.25	T	Solid	3546	
460-104194-4	PRA-25S 11.25	T	Solid	3546	
460-104194-5	PRA-23 NW	T	Solid	3546	
460-104194-6	PRA-18 S	T	Solid	3546	
460-104194-7	PRA-10 W	T	Solid	3546	
460-104194-8	PRA-18-SE	T	Solid	3546	
460-104194-9	PRA-18-NE	T	Solid	3546	
460-104194-9MS	Matrix Spike	T	Solid	3546	
460-104194-9MSD	Matrix Spike Duplicate	T	Solid	3546	
460-104194-10	PRA-20-N	T	Solid	3546	
460-104194-20	DUP-2015_11_06_01	T	Solid	3546	
Analysis Batch:460-334538					
LCS 460-334425/2-A	Lab Control Sample	T	Solid	8270D	460-334425
LCS 460-334425/3-A	Lab Control Sample	T	Solid	8270D	460-334425
MB 460-334425/1-A	Method Blank	T	Solid	8270D	460-334425
460-104194-1	PRA-25S_1.75	T	Solid	8270D	460-334425
460-104194-3	PRA-25S 8.25	T	Solid	8270D	460-334425
460-104194-4	PRA-25S 11.25	T	Solid	8270D	460-334425
460-104194-5	PRA-23 NW	T	Solid	8270D	460-334425
460-104194-6	PRA-18 S	T	Solid	8270D	460-334425
460-104194-7	PRA-10 W	T	Solid	8270D	460-334425
460-104194-8	PRA-18-SE	T	Solid	8270D	460-334425
460-104194-9MS	Matrix Spike	T	Solid	8270D	460-334425
460-104194-9MSD	Matrix Spike Duplicate	T	Solid	8270D	460-334425
460-104194-10	PRA-20-N	T	Solid	8270D	460-334425
460-104194-20	DUP-2015_11_06_01	T	Solid	8270D	460-334425
Analysis Batch:460-334543					
460-104194-2	PRA-25S-3.75	T	Solid	8270D	460-334425

Client: Antea USA, Inc. Job Number: 460-104194-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:460-334749					
LCS 460-334367/2-A	Lab Control Sample	T	Water	8270D	460-334367
Analysis Batch:460-334836					
LCS 460-334367/4-A	Lab Control Sample	T	Water	8270D	460-334367
LCSD 460-334367/3-A	Lab Control Sample Duplicate	T	Water	8270D	460-334367
LCSD 460-334367/5-A	Lab Control Sample Duplicate	T	Water	8270D	460-334367
MB 460-334367/1-A	Method Blank	T	Water	8270D	460-334367
460-104194-23FB	FB-20151106	T	Water	8270D	460-334367
Analysis Batch:460-335005					
460-104194-9	PRA-18-NE	T	Solid	8270D	460-334425

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-104194-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-334069					
LCS 460-334069/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-334069/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-334069/1-A	Method Blank	T	Water	3510C	
460-104194-23FB	FB-20151106	T	Water	3510C	
Prep Batch: 460-334586					
LCS 460-334586/2-A	Lab Control Sample	T	Solid	3546	
MB 460-334586/1-A	Method Blank	T	Solid	3546	
460-104183-A-23-A MS	Matrix Spike	T	Solid	3546	
460-104183-A-23-B MSD	Matrix Spike Duplicate	T	Solid	3546	
460-104194-21	PMP-27_NW2_WT	T	Solid	3546	
460-104194-22	PMP-28_NW2_WT	T	Solid	3546	
460-104194-25	PMP-13_NW2_WT	T	Solid	3546	
Prep Batch: 460-334588					
LCS 460-334588/2-A	Lab Control Sample	T	Solid	3546	
MB 460-334588/1-A	Method Blank	T	Solid	3546	
460-104194-1	PRA-25S_1.75	T	Solid	3546	
460-104194-1MS	Matrix Spike	T	Solid	3546	
460-104194-1MSD	Matrix Spike Duplicate	T	Solid	3546	
460-104194-2	PRA-25S-3.75	T	Solid	3546	
460-104194-3	PRA-25S 8.25	T	Solid	3546	
460-104194-4	PRA-25S 11.25	T	Solid	3546	
460-104194-5	PRA-23 NW	T	Solid	3546	
460-104194-6	PRA-18 S	T	Solid	3546	
460-104194-7	PRA-10 W	T	Solid	3546	
460-104194-8	PRA-18-SE	T	Solid	3546	
460-104194-9	PRA-18-NE	T	Solid	3546	
460-104194-10	PRA-20-N	T	Solid	3546	
460-104194-11	PMP-15-NW2-WT	T	Solid	3546	
460-104194-12	PMP-16-NW2-WT	T	Solid	3546	
460-104194-13	PMP-17-NW2-WT	T	Solid	3546	
460-104194-14	PMP-18-NW2-WT	T	Solid	3546	
460-104194-15	PMP-19-NW2-WT	T	Solid	3546	
460-104194-16	PMP-20-NW2-WT	T	Solid	3546	
460-104194-17	PMP-20-NW2-S	T	Solid	3546	
460-104194-18	PMP-26-NW2-WT	T	Solid	3546	
460-104194-19	DUP-2015_2_11_06	T	Solid	3546	
460-104194-20	DUP-2015_11_06_01	T	Solid	3546	

Client: Antea USA, Inc. Job Number: 460-104194-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-334700					
LCS 460-334700/2-A	Lab Control Sample	T	Solid	3546	
MB 460-334700/1-A	Method Blank	T	Solid	3546	
460-104194-1	PRA-25S_1.75	T	Solid	3546	
460-104194-2	PRA-25S-3.75	T	Solid	3546	
460-104194-3	PRA-25S 8.25	T	Solid	3546	
460-104194-3MS	Matrix Spike	T	Solid	3546	
460-104194-3MSD	Matrix Spike Duplicate	T	Solid	3546	
460-104194-4	PRA-25S 11.25	T	Solid	3546	
460-104194-5DL	PRA-23 NW	T	Solid	3546	
460-104194-6	PRA-18 S	T	Solid	3546	
460-104194-7DL	PRA-10 W	T	Solid	3546	
460-104194-8	PRA-18-SE	T	Solid	3546	
460-104194-9	PRA-18-NE	T	Solid	3546	
460-104194-10DL	PRA-20-N	T	Solid	3546	
460-104194-20	DUP-2015_11_06_01	T	Solid	3546	
460-104194-22	PMP-28_NW2_WT	T	Solid	3546	

Client: Antea USA, Inc. Job Number: 460-104194-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-334728					
LCS 460-334586/2-A	Lab Control Sample	T	Solid	8082A	460-334586
MB 460-334586/1-A	Method Blank	T	Solid	8082A	460-334586
LCS 460-334588/2-A	Lab Control Sample	T	Solid	8082A	460-334588
MB 460-334588/1-A	Method Blank	T	Solid	8082A	460-334588
460-104183-A-23-A MS	Matrix Spike	T	Solid	8082A	460-334586
460-104183-A-23-B MSD	Matrix Spike Duplicate	T	Solid	8082A	460-334586
460-104194-1	PRA-25S_1.75	T	Solid	8082A	460-334588
460-104194-1MS	Matrix Spike	T	Solid	8082A	460-334588
460-104194-1MSD	Matrix Spike Duplicate	T	Solid	8082A	460-334588
460-104194-2	PRA-25S-3.75	T	Solid	8082A	460-334588
460-104194-3	PRA-25S 8.25	T	Solid	8082A	460-334588
460-104194-4	PRA-25S 11.25	T	Solid	8082A	460-334588
460-104194-5	PRA-23 NW	T	Solid	8082A	460-334588
460-104194-6	PRA-18 S	T	Solid	8082A	460-334588
460-104194-7	PRA-10 W	T	Solid	8082A	460-334588
460-104194-8	PRA-18-SE	T	Solid	8082A	460-334588
460-104194-9	PRA-18-NE	T	Solid	8082A	460-334588
460-104194-10	PRA-20-N	T	Solid	8082A	460-334588
460-104194-11	PMP-15-NW2-WT	T	Solid	8082A	460-334588
460-104194-12	PMP-16-NW2-WT	T	Solid	8082A	460-334588
460-104194-13	PMP-17-NW2-WT	T	Solid	8082A	460-334588
460-104194-14	PMP-18-NW2-WT	T	Solid	8082A	460-334588
460-104194-15	PMP-19-NW2-WT	T	Solid	8082A	460-334588
460-104194-16	PMP-20-NW2-WT	T	Solid	8082A	460-334588
460-104194-17	PMP-20-NW2-S	T	Solid	8082A	460-334588
460-104194-18	PMP-26-NW2-WT	T	Solid	8082A	460-334588
460-104194-19	DUP-2015_2_11_06	T	Solid	8082A	460-334588
460-104194-20	DUP-2015_11_06_01	T	Solid	8082A	460-334588
460-104194-21	PMP-27_NW2_WT	T	Solid	8082A	460-334586
460-104194-22	PMP-28_NW2_WT	T	Solid	8082A	460-334586
460-104194-25	PMP-13_NW2_WT	T	Solid	8082A	460-334586
Analysis Batch:460-334730					
LCS 460-334069/2-A	Lab Control Sample	T	Water	8082A	460-334069
LCSD 460-334069/3-A	Lab Control Sample Duplicate	T	Water	8082A	460-334069
MB 460-334069/1-A	Method Blank	T	Water	8082A	460-334069
460-104194-23FB	FB-20151106	T	Water	8082A	460-334069

Client: Antea USA, Inc. Job Number: 460-104194-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-334844					
LCS 460-334700/2-A	Lab Control Sample	T	Solid	NJ-OQA-QAM-02	460-334700
MB 460-334700/1-A	Method Blank	T	Solid	NJ-OQA-QAM-02	460-334700
LCS 460-334886/2-A	Lab Control Sample	T	Water	NJ-OQA-QAM-02	460-334886
LCSD 460-334886/3-A	Lab Control Sample Duplicate	T	Water	NJ-OQA-QAM-02	460-334886
MB 460-334886/1-A	Method Blank	T	Water	NJ-OQA-QAM-02	460-334886
460-104194-1	PRA-25S_1.75	T	Solid	NJ-OQA-QAM-02	460-334700
460-104194-2	PRA-25S-3.75	T	Solid	NJ-OQA-QAM-02	460-334700
460-104194-3	PRA-25S 8.25	T	Solid	NJ-OQA-QAM-02	460-334700
460-104194-3MS	Matrix Spike	T	Solid	NJ-OQA-QAM-02	460-334700
460-104194-3MSD	Matrix Spike Duplicate	T	Solid	NJ-OQA-QAM-02	460-334700
460-104194-4	PRA-25S 11.25	T	Solid	NJ-OQA-QAM-02	460-334700
460-104194-5DL	PRA-23 NW	T	Solid	NJ-OQA-QAM-02	460-334700
460-104194-6	PRA-18 S	T	Solid	NJ-OQA-QAM-02	460-334700
460-104194-7DL	PRA-10 W	T	Solid	NJ-OQA-QAM-02	460-334700
460-104194-8	PRA-18-SE	T	Solid	NJ-OQA-QAM-02	460-334700
460-104194-9	PRA-18-NE	T	Solid	NJ-OQA-QAM-02	460-334700
460-104194-10DL	PRA-20-N	T	Solid	NJ-OQA-QAM-02	460-334700
460-104194-20	DUP-2015_11_06_01	T	Solid	NJ-OQA-QAM-02	460-334700
460-104194-22	PMP-28_NW2_WT	T	Solid	NJ-OQA-QAM-02	460-334700
460-104194-23FB	FB-20151106	T	Water	NJ-OQA-QAM-02	460-334886
Prep Batch: 460-334886					
LCS 460-334886/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-334886/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-334886/1-A	Method Blank	T	Water	3510C	
460-104194-23FB	FB-20151106	T	Water	3510C	

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-104194-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-334672					
460-104194-1	PRA-25S_1.75	T	Solid	Moisture	
460-104194-2	PRA-25S-3.75	T	Solid	Moisture	
460-104194-3	PRA-25S 8.25	T	Solid	Moisture	
460-104194-4	PRA-25S 11.25	T	Solid	Moisture	
460-104194-5	PRA-23 NW	T	Solid	Moisture	
460-104194-6	PRA-18 S	T	Solid	Moisture	
460-104194-7	PRA-10 W	T	Solid	Moisture	
460-104194-8	PRA-18-SE	T	Solid	Moisture	
460-104194-9	PRA-18-NE	T	Solid	Moisture	
460-104194-10	PRA-20-N	T	Solid	Moisture	
460-104194-11	PMP-15-NW2-WT	T	Solid	Moisture	
460-104194-12	PMP-16-NW2-WT	T	Solid	Moisture	
460-104194-13	PMP-17-NW2-WT	T	Solid	Moisture	
460-104194-14	PMP-18-NW2-WT	T	Solid	Moisture	
460-104194-15	PMP-19-NW2-WT	T	Solid	Moisture	
460-104194-16	PMP-20-NW2-WT	T	Solid	Moisture	
460-104194-17	PMP-20-NW2-S	T	Solid	Moisture	
460-104194-18	PMP-26-NW2-WT	T	Solid	Moisture	
460-104194-19	DUP-2015_2_11_06	T	Solid	Moisture	
460-104194-19DU	Duplicate	T	Solid	Moisture	
Analysis Batch:460-334674					
460-104194-20	DUP-2015_11_06_01	T	Solid	Moisture	
460-104194-21	PMP-27_NW2_WT	T	Solid	Moisture	
460-104194-22	PMP-28_NW2_WT	T	Solid	Moisture	
460-104194-25	PMP-13_NW2_WT	T	Solid	Moisture	
460-104197-D-41 DU	Duplicate	T	Solid	Moisture	

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-104194-1

Laboratory Chronicle

Lab ID: 460-104194-1 **Client ID: PRA-25S_1.75**

Sample Date/Time: 11/06/2015 12:45 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104194-B-1-A		460-334208	460-333873	11/07/2015 11:42	1	TAL EDI	DBM
A:8260C	460-104194-B-1-A		460-334208	460-333873	11/10/2015 04:07	1	TAL EDI	KLB
P:3546	460-104194-F-1-A		460-334538	460-334425	11/10/2015 14:09	1	TAL EDI	FHW
A:8270D	460-104194-F-1-A		460-334538	460-334425	11/11/2015 06:26	1	TAL EDI	MMC
P:3546	460-104194-F-1-D		460-334728	460-334588	11/11/2015 05:25	1	TAL EDI	ARA
A:8082A	460-104194-F-1-D		460-334728	460-334588	11/11/2015 15:30	1	TAL EDI	JHP
P:3546	460-104194-F-1-E		460-334844	460-334700	11/11/2015 13:36	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-104194-F-1-E		460-334844	460-334700	11/12/2015 08:47	1	TAL EDI	DAN
A:Moisture	460-104194-G-1		460-334672		11/11/2015 10:48	1	TAL EDI	CJA

Lab ID: 460-104194-1 MS **Client ID: PRA-25S_1.75**

Sample Date/Time: 11/06/2015 12:45 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104194-F-1-B MS		460-334728	460-334588	11/11/2015 05:25	1	TAL EDI	ARA
A:8082A	460-104194-F-1-B MS		460-334728	460-334588	11/11/2015 15:45	1	TAL EDI	JHP

Lab ID: 460-104194-1 MSD **Client ID: PRA-25S_1.75**

Sample Date/Time: 11/06/2015 12:45 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104194-F-1-C MSD		460-334728	460-334588	11/11/2015 05:25	1	TAL EDI	ARA
A:8082A	460-104194-F-1-C MSD		460-334728	460-334588	11/11/2015 15:59	1	TAL EDI	JHP

Lab ID: 460-104194-2 **Client ID: PRA-25S-3.75**

Sample Date/Time: 11/06/2015 12:47 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104194-B-2-A		460-334208	460-333873	11/07/2015 11:42	1	TAL EDI	DBM
A:8260C	460-104194-B-2-A		460-334208	460-333873	11/10/2015 04:32	1	TAL EDI	KLB
P:3546	460-104194-F-2-A		460-334543	460-334425	11/10/2015 14:09	1	TAL EDI	FHW
A:8270D	460-104194-F-2-A		460-334543	460-334425	11/11/2015 12:52	1	TAL EDI	CAZ
P:3546	460-104194-F-2-B		460-334728	460-334588	11/11/2015 05:25	1	TAL EDI	ARA
A:8082A	460-104194-F-2-B		460-334728	460-334588	11/11/2015 16:14	1	TAL EDI	JHP
P:3546	460-104194-F-2-C		460-334844	460-334700	11/11/2015 13:36	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-104194-F-2-C		460-334844	460-334700	11/12/2015 08:59	1	TAL EDI	DAN
A:Moisture	460-104194-G-2		460-334672		11/11/2015 10:48	1	TAL EDI	CJA

Client: Antea USA, Inc. Job Number: 460-104194-1

Laboratory Chronicle

Lab ID: 460-104194-3 **Client ID: PRA-25S 8.25**

Sample Date/Time: 11/06/2015 12:49 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104194-B-3-A		460-334208	460-333873	11/07/2015 11:43	1	TAL EDI	DBM
A:8260C	460-104194-B-3-A		460-334208	460-333873	11/10/2015 04:56	1	TAL EDI	KLB
P:3546	460-104194-F-3-A		460-334538	460-334425	11/10/2015 14:09	1	TAL EDI	FHW
A:8270D	460-104194-F-3-A		460-334538	460-334425	11/11/2015 07:14	1	TAL EDI	MMC
P:3546	460-104194-F-3-B		460-334728	460-334588	11/11/2015 05:25	1	TAL EDI	ARA
A:8082A	460-104194-F-3-B		460-334728	460-334588	11/11/2015 16:28	1	TAL EDI	JHP
P:3546	460-104194-G-3-C		460-334844	460-334700	11/11/2015 13:36	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-104194-G-3-C		460-334844	460-334700	11/12/2015 08:35	1	TAL EDI	DAN
A:Moisture	460-104194-G-3		460-334672		11/11/2015 10:48	1	TAL EDI	CJA

Lab ID: 460-104194-3 MS **Client ID: PRA-25S 8.25**

Sample Date/Time: 11/06/2015 12:49 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104194-G-3-A MS		460-334844	460-334700	11/11/2015 13:36	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-104194-G-3-A MS		460-334844	460-334700	11/12/2015 08:11	1	TAL EDI	DAN

Lab ID: 460-104194-3 MSD **Client ID: PRA-25S 8.25**

Sample Date/Time: 11/06/2015 12:49 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104194-G-3-B MSD		460-334844	460-334700	11/11/2015 13:36	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-104194-G-3-B MSD		460-334844	460-334700	11/12/2015 08:23	1	TAL EDI	DAN

Client: Antea USA, Inc. Job Number: 460-104194-1

Laboratory Chronicle

Lab ID: 460-104194-4 **Client ID: PRA-25S 11.25**

Sample Date/Time: 11/06/2015 12:51 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104194-B-4-A		460-334208	460-333873	11/07/2015 11:43	1	TAL EDI	DBM
A:8260C	460-104194-B-4-A		460-334208	460-333873	11/10/2015 05:21	1	TAL EDI	KLB
P:3546	460-104194-F-4-A		460-334538	460-334425	11/10/2015 14:09	1	TAL EDI	FHW
A:8270D	460-104194-F-4-A		460-334538	460-334425	11/11/2015 07:38	1	TAL EDI	MMC
P:3546	460-104194-F-4-B		460-334728	460-334588	11/11/2015 05:25	1	TAL EDI	ARA
A:8082A	460-104194-F-4-B		460-334728	460-334588	11/11/2015 16:43	1	TAL EDI	JHP
P:3546	460-104194-G-4-A		460-334844	460-334700	11/11/2015 13:36	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-104194-G-4-A		460-334844	460-334700	11/12/2015 09:11	1	TAL EDI	DAN
A:Moisture	460-104194-E-4		460-334672		11/11/2015 10:48	1	TAL EDI	CJA

Lab ID: 460-104194-5 **Client ID: PRA-23 NW**

Sample Date/Time: 11/06/2015 08:30 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104194-B-5-A		460-334208	460-333873	11/07/2015 11:43	1	TAL EDI	DBM
A:8260C	460-104194-B-5-A		460-334208	460-333873	11/10/2015 05:45	1	TAL EDI	KLB
P:3546	460-104194-F-5-A		460-334538	460-334425	11/10/2015 14:09	1	TAL EDI	FHW
A:8270D	460-104194-F-5-A		460-334538	460-334425	11/11/2015 11:15	1	TAL EDI	MMC
P:3546	460-104194-F-5-B		460-334728	460-334588	11/11/2015 05:25	1	TAL EDI	ARA
A:8082A	460-104194-F-5-B		460-334728	460-334588	11/11/2015 16:58	1	TAL EDI	JHP
P:3546	460-104194-F-5-C	DL	460-334844	460-334700	11/11/2015 13:36	5	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-104194-F-5-C	DL	460-334844	460-334700	11/12/2015 09:23	5	TAL EDI	DAN
A:Moisture	460-104194-E-5		460-334672		11/11/2015 10:48	1	TAL EDI	CJA

Lab ID: 460-104194-6 **Client ID: PRA-18 S**

Sample Date/Time: 11/06/2015 10:55 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104194-B-6-A		460-334208	460-333873	11/07/2015 11:44	1	TAL EDI	DBM
A:8260C	460-104194-B-6-A		460-334208	460-333873	11/10/2015 06:10	1	TAL EDI	KLB
P:3546	460-104194-F-6-A		460-334538	460-334425	11/10/2015 14:09	1	TAL EDI	FHW
A:8270D	460-104194-F-6-A		460-334538	460-334425	11/11/2015 08:02	1	TAL EDI	MMC
P:3546	460-104194-F-6-B		460-334728	460-334588	11/11/2015 05:25	1	TAL EDI	ARA
A:8082A	460-104194-F-6-B		460-334728	460-334588	11/11/2015 17:12	1	TAL EDI	JHP
P:3546	460-104194-F-6-C		460-334844	460-334700	11/11/2015 13:36	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-104194-F-6-C		460-334844	460-334700	11/12/2015 09:35	1	TAL EDI	DAN
A:Moisture	460-104194-G-6		460-334672		11/11/2015 10:48	1	TAL EDI	CJA

Client: Antea USA, Inc. Job Number: 460-104194-1

Laboratory Chronicle

Lab ID: 460-104194-7 **Client ID: PRA-10 W**

Sample Date/Time: 11/06/2015 10:14 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104194-B-7-A		460-334208	460-333873	11/07/2015 11:44	1	TAL EDI	DBM
A:8260C	460-104194-B-7-A		460-334208	460-333873	11/10/2015 06:34	1	TAL EDI	KLB
P:3546	460-104194-F-7-A		460-334538	460-334425	11/10/2015 14:09	1	TAL EDI	FHW
A:8270D	460-104194-F-7-A		460-334538	460-334425	11/11/2015 08:27	1	TAL EDI	MMC
P:3546	460-104194-F-7-B		460-334728	460-334588	11/11/2015 05:25	1	TAL EDI	ARA
A:8082A	460-104194-F-7-B		460-334728	460-334588	11/11/2015 17:27	1	TAL EDI	JHP
P:3546	460-104194-E-7-A	DL	460-334844	460-334700	11/11/2015 13:36	5	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-104194-E-7-A	DL	460-334844	460-334700	11/12/2015 10:11	5	TAL EDI	DAN
A:Moisture	460-104194-E-7		460-334672		11/11/2015 10:48	1	TAL EDI	CJA

Lab ID: 460-104194-8 **Client ID: PRA-18-SE**

Sample Date/Time: 11/06/2015 10:20 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104194-B-8-A		460-334208	460-333873	11/07/2015 11:45	1	TAL EDI	DBM
A:8260C	460-104194-B-8-A		460-334208	460-333873	11/10/2015 06:59	1	TAL EDI	KLB
P:3546	460-104194-F-8-A		460-334538	460-334425	11/10/2015 14:09	1	TAL EDI	FHW
A:8270D	460-104194-F-8-A		460-334538	460-334425	11/11/2015 08:51	1	TAL EDI	MMC
P:3546	460-104194-F-8-B		460-334728	460-334588	11/11/2015 05:25	1	TAL EDI	ARA
A:8082A	460-104194-F-8-B		460-334728	460-334588	11/11/2015 17:41	1	TAL EDI	JHP
P:3546	460-104194-F-8-C		460-334844	460-334700	11/11/2015 13:36	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-104194-F-8-C		460-334844	460-334700	11/12/2015 10:23	1	TAL EDI	DAN
A:Moisture	460-104194-E-8		460-334672		11/11/2015 10:48	1	TAL EDI	CJA

Lab ID: 460-104194-9 **Client ID: PRA-18-NE**

Sample Date/Time: 11/06/2015 10:00 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104194-B-9-A		460-334208	460-333873	11/07/2015 11:45	1	TAL EDI	DBM
A:8260C	460-104194-B-9-A		460-334208	460-333873	11/10/2015 07:24	1	TAL EDI	KLB
P:3546	460-104194-F-9-C		460-335005	460-334425	11/10/2015 14:09	1	TAL EDI	FHW
A:8270D	460-104194-F-9-C		460-335005	460-334425	11/12/2015 18:27	1	TAL EDI	MMC
P:3546	460-104194-F-9-D		460-334728	460-334588	11/11/2015 05:25	1	TAL EDI	ARA
A:8082A	460-104194-F-9-D		460-334728	460-334588	11/11/2015 17:56	1	TAL EDI	JHP
P:3546	460-104194-G-9-A		460-334844	460-334700	11/11/2015 13:36	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-104194-G-9-A		460-334844	460-334700	11/12/2015 10:35	1	TAL EDI	DAN
A:Moisture	460-104194-G-9		460-334672		11/11/2015 10:48	1	TAL EDI	CJA

Client: Antea USA, Inc. Job Number: 460-104194-1

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Lab ID: 460-104194-9 MS **Client ID: PRA-18-NE**

Sample Date/Time: 11/06/2015 10:00 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104194-F-9-A MS		460-334538	460-334425	11/10/2015 14:09	1	TAL EDI	FHW
A:8270D	460-104194-F-9-A MS		460-334538	460-334425	11/11/2015 04:49	1	TAL EDI	MMC

Lab ID: 460-104194-9 MSD **Client ID: PRA-18-NE**

Sample Date/Time: 11/06/2015 10:00 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104194-F-9-B MSD		460-334538	460-334425	11/10/2015 14:09	1	TAL EDI	FHW
A:8270D	460-104194-F-9-B MSD		460-334538	460-334425	11/11/2015 05:13	1	TAL EDI	MMC

Lab ID: 460-104194-10 **Client ID: PRA-20-N**

Sample Date/Time: 11/06/2015 11:25 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104194-B-10-A		460-334208	460-333873	11/07/2015 11:45	1	TAL EDI	DBM
A:8260C	460-104194-B-10-A		460-334208	460-333873	11/10/2015 07:49	1	TAL EDI	KLB
P:3546	460-104194-F-10-A		460-334538	460-334425	11/10/2015 14:09	1	TAL EDI	FHW
A:8270D	460-104194-F-10-A		460-334538	460-334425	11/11/2015 10:02	1	TAL EDI	MMC
P:3546	460-104194-E-10-A		460-334728	460-334588	11/11/2015 05:25	1	TAL EDI	ARA
A:8082A	460-104194-E-10-A		460-334728	460-334588	11/11/2015 18:10	1	TAL EDI	JHP
P:3546	460-104194-E-10-B	DL	460-334844	460-334700	11/11/2015 13:36	2	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-104194-E-10-B	DL	460-334844	460-334700	11/12/2015 10:47	2	TAL EDI	DAN
A:Moisture	460-104194-F-10		460-334672		11/11/2015 10:48	1	TAL EDI	CJA

Lab ID: 460-104194-11 **Client ID: PMP-15-NW2-WT**

Sample Date/Time: 11/06/2015 09:18 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104194-A-11-A		460-334211	460-333874	11/07/2015 11:54	50	TAL EDI	DBM
A:8260C	460-104194-A-11-A		460-334211	460-333874	11/10/2015 05:42	50	TAL EDI	KLB
P:3546	460-104194-E-11-A		460-334728	460-334588	11/11/2015 05:25	500	TAL EDI	ARA
A:8082A	460-104194-E-11-A		460-334728	460-334588	11/12/2015 06:19	500	TAL EDI	JHP
A:Moisture	460-104194-E-11		460-334672		11/11/2015 10:48	1	TAL EDI	CJA

Client: Antea USA, Inc. Job Number: 460-104194-1

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Lab ID: 460-104194-12 **Client ID: PMP-16-NW2-WT**

Sample Date/Time: 11/06/2015 09:05 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104194-B-12-A		460-334208	460-333873	11/07/2015 11:46	1	TAL EDI	DBM
A:8260C	460-104194-B-12-A		460-334208	460-333873	11/10/2015 08:13	1	TAL EDI	KLB
P:3546	460-104194-E-12-A		460-334728	460-334588	11/11/2015 05:25	20	TAL EDI	ARA
A:8082A	460-104194-E-12-A		460-334728	460-334588	11/12/2015 06:33	20	TAL EDI	JHP
A:Moisture	460-104194-E-12		460-334672		11/11/2015 10:48	1	TAL EDI	CJA

Lab ID: 460-104194-13 **Client ID: PMP-17-NW2-WT**

Sample Date/Time: 11/06/2015 09:52 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104194-A-13-A		460-334728	460-334588	11/11/2015 05:25	200	TAL EDI	ARA
A:8082A	460-104194-A-13-A		460-334728	460-334588	11/12/2015 06:48	200	TAL EDI	JHP
A:Moisture	460-104194-A-13		460-334672		11/11/2015 10:48	1	TAL EDI	CJA

Lab ID: 460-104194-14 **Client ID: PMP-18-NW2-WT**

Sample Date/Time: 11/06/2015 10:45 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104194-A-14-A		460-334728	460-334588	11/11/2015 05:25	100	TAL EDI	ARA
A:8082A	460-104194-A-14-A		460-334728	460-334588	11/12/2015 07:02	100	TAL EDI	JHP
A:Moisture	460-104194-A-14		460-334672		11/11/2015 10:48	1	TAL EDI	CJA

Lab ID: 460-104194-15 **Client ID: PMP-19-NW2-WT**

Sample Date/Time: 11/06/2015 11:15 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104194-A-15-A		460-334211	460-333874	11/07/2015 11:54	50	TAL EDI	DBM
A:8260C	460-104194-A-15-A		460-334211	460-333874	11/10/2015 06:06	50	TAL EDI	KLB
P:3546	460-104194-E-15-A		460-334728	460-334588	11/11/2015 05:25	100	TAL EDI	ARA
A:8082A	460-104194-E-15-A		460-334728	460-334588	11/12/2015 07:17	100	TAL EDI	JHP
A:Moisture	460-104194-E-15		460-334672		11/11/2015 10:48	1	TAL EDI	CJA

Lab ID: 460-104194-16 **Client ID: PMP-20-NW2-WT**

Sample Date/Time: 11/06/2015 12:10 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104194-A-16-A		460-334728	460-334588	11/11/2015 05:25	50	TAL EDI	ARA
A:8082A	460-104194-A-16-A		460-334728	460-334588	11/12/2015 07:31	50	TAL EDI	JHP
A:Moisture	460-104194-A-16		460-334672		11/11/2015 10:48	1	TAL EDI	CJA

Client: Antea USA, Inc. Job Number: 460-104194-1

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Lab ID: 460-104194-17 **Client ID: PMP-20-NW2-S**

Sample Date/Time: 11/06/2015 12:12 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104194-A-17-A		460-334728	460-334588	11/11/2015 05:25	20	TAL EDI	ARA
A:8082A	460-104194-A-17-A		460-334728	460-334588	11/12/2015 07:46	20	TAL EDI	JHP
A:Moisture	460-104194-A-17		460-334672		11/11/2015 10:48	1	TAL EDI	CJA

Lab ID: 460-104194-18 **Client ID: PMP-26-NW2-WT**

Sample Date/Time: 11/06/2015 11:55 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104194-A-18-A		460-334728	460-334588	11/11/2015 05:25	20	TAL EDI	ARA
A:8082A	460-104194-A-18-A		460-334728	460-334588	11/12/2015 08:01	20	TAL EDI	JHP
A:Moisture	460-104194-A-18		460-334672		11/11/2015 10:48	1	TAL EDI	CJA

Lab ID: 460-104194-19 **Client ID: DUP-2015_2_11_06**

Sample Date/Time: 11/06/2015 00:00 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104194-A-19-A		460-334728	460-334588	11/11/2015 05:25	200	TAL EDI	ARA
A:8082A	460-104194-A-19-A		460-334728	460-334588	11/12/2015 08:14	200	TAL EDI	JHP
A:Moisture	460-104194-A-19		460-334672		11/11/2015 10:48	1	TAL EDI	CJA

Lab ID: 460-104194-19 DU **Client ID: DUP-2015_2_11_06**

Sample Date/Time: 11/06/2015 00:00 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-104194-A-19 DU		460-334672		11/11/2015 10:48	1	TAL EDI	CJA

Lab ID: 460-104194-20 **Client ID: DUP-2015_11_06_01**

Sample Date/Time: 11/06/2015 00:00 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104194-C-20-A		460-334289	460-333873	11/07/2015 11:47	1	TAL EDI	DBM
A:8260C	460-104194-C-20-A		460-334289	460-333873	11/10/2015 15:06	1	TAL EDI	EMM
P:3546	460-104194-F-20-A		460-334538	460-334425	11/10/2015 14:09	1	TAL EDI	FHW
A:8270D	460-104194-F-20-A		460-334538	460-334425	11/11/2015 09:14	1	TAL EDI	MMC
P:3546	460-104194-E-20-A		460-334728	460-334588	11/11/2015 05:25	1	TAL EDI	ARA
A:8082A	460-104194-E-20-A		460-334728	460-334588	11/12/2015 08:28	1	TAL EDI	JHP
P:3546	460-104194-G-20-A		460-334844	460-334700	11/11/2015 13:36	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-104194-G-20-A		460-334844	460-334700	11/12/2015 10:59	1	TAL EDI	DAN
A:Moisture	460-104194-G-20		460-334674		11/11/2015 11:07	1	TAL EDI	CJA

Client: Antea USA, Inc. Job Number: 460-104194-1

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Lab ID: 460-104194-21 **Client ID: PMP-27_NW2_WT**

Sample Date/Time: 11/06/2015 12:20 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104194-A-21-A		460-334504	460-333874	11/07/2015 11:55	50	TAL EDI	DBM
A:8260C	460-104194-A-21-A		460-334504	460-333874	11/11/2015 06:50	50	TAL EDI	KLB
P:3546	460-104194-E-21-A		460-334728	460-334586	11/11/2015 05:21	50	TAL EDI	ARA
A:8082A	460-104194-E-21-A		460-334728	460-334586	11/12/2015 10:11	50	TAL EDI	JHP
A:Moisture	460-104194-E-21		460-334674		11/11/2015 11:07	1	TAL EDI	CJA

Lab ID: 460-104194-22 **Client ID: PMP-28_NW2_WT**

Sample Date/Time: 11/06/2015 09:35 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104194-C-22-A		460-334289	460-333873	11/07/2015 11:48	1	TAL EDI	DBM
A:8260C	460-104194-C-22-A		460-334289	460-333873	11/10/2015 15:31	1	TAL EDI	EMM
P:3546	460-104194-F-22-A		460-334728	460-334586	11/11/2015 05:21	1	TAL EDI	ARA
A:8082A	460-104194-F-22-A		460-334728	460-334586	11/12/2015 03:38	1	TAL EDI	JHP
P:3546	460-104194-F-22-B		460-334844	460-334700	11/11/2015 13:36	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-104194-F-22-B		460-334844	460-334700	11/12/2015 11:11	1	TAL EDI	DAN
A:Moisture	460-104194-F-22		460-334674		11/11/2015 11:07	1	TAL EDI	CJA

Lab ID: 460-104194-23 **Client ID: FB-20151106**

Sample Date/Time: 11/06/2015 13:50 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-104194-B-23		460-334455		11/10/2015 23:03	1	TAL EDI	MZS
A:8260C	460-104194-B-23		460-334455		11/10/2015 23:03	1	TAL EDI	MZS
P:3510C	460-104194-E-23-A		460-334836	460-334367	11/10/2015 11:08	1	TAL EDI	MBE
A:8270D	460-104194-E-23-A		460-334836	460-334367	11/12/2015 21:02	1	TAL EDI	MMC
P:3510C	460-104194-D-23-A		460-334730	460-334069	11/09/2015 10:14	1	TAL EDI	HAW
A:8082A	460-104194-D-23-A		460-334730	460-334069	11/11/2015 18:32	1	TAL EDI	JHP
P:3510C	460-104194-H-23-A		460-334844	460-334886	11/12/2015 07:51	1	TAL EDI	HAW
A:NJ-OQA-QAM-025	460-104194-H-23-A		460-334844	460-334886	11/12/2015 11:59	1	TAL EDI	DAN

Lab ID: 460-104194-24 **Client ID: Trip Blank**

Sample Date/Time: 11/06/2015 00:00 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104194-C-24-A		460-334289	460-333873	11/07/2015 11:48	1	TAL EDI	DBM
A:8260C	460-104194-C-24-A		460-334289	460-333873	11/10/2015 14:17	1	TAL EDI	EMM

Client: Antea USA, Inc. Job Number: 460-104194-1

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Lab ID: 460-104194-25 **Client ID: PMP-13_NW2_WT**

Sample Date/Time: 11/06/2015 08:45 Received Date/Time: 11/06/2015 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104194-A-25-A		460-334728	460-334586	11/11/2015 05:21	500	TAL EDI	ARA
A:8082A	460-104194-A-25-A		460-334728	460-334586	11/12/2015 10:26	500	TAL EDI	JHP
A:Moisture	460-104194-A-25		460-334674		11/11/2015 11:07	1	TAL EDI	CJA

Lab ID: MB **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260C	MB 460-334211/7		460-334211		11/10/2015 00:04	50	TAL EDI	KLB
A:8260C	MB 460-334208/6		460-334208		11/10/2015 02:05	1	TAL EDI	KLB
A:8260C	MB 460-334289/7		460-334289		11/10/2015 12:15	1	TAL EDI	EMM
P:5030C	MB 460-334455/7		460-334455		11/10/2015 22:37	1	TAL EDI	MZS
A:8260C	MB 460-334455/7		460-334455		11/10/2015 22:37	1	TAL EDI	MZS
A:8260C	MB 460-334504/8		460-334504		11/10/2015 23:59	50	TAL EDI	KLB
P:3546	MB 460-334425/1-A		460-334538	460-334425	11/10/2015 14:09	1	TAL EDI	FHW
A:8270D	MB 460-334425/1-A		460-334538	460-334425	11/11/2015 06:01	1	TAL EDI	MMC
P:3510C	MB 460-334367/1-A		460-334836	460-334367	11/10/2015 11:08	1	TAL EDI	MBE
A:8270D	MB 460-334367/1-A		460-334836	460-334367	11/12/2015 13:59	1	TAL EDI	MMC
P:3546	MB 460-334588/1-A		460-334728	460-334588	11/11/2015 05:25	1	TAL EDI	ARA
A:8082A	MB 460-334588/1-A		460-334728	460-334588	11/11/2015 15:01	1	TAL EDI	JHP
P:3510C	MB 460-334069/1-A		460-334730	460-334069	11/09/2015 10:14	1	TAL EDI	HAW
A:8082A	MB 460-334069/1-A		460-334730	460-334069	11/11/2015 15:39	1	TAL EDI	JHP
P:3546	MB 460-334586/1-A		460-334728	460-334586	11/11/2015 05:21	1	TAL EDI	ARA
A:8082A	MB 460-334586/1-A		460-334728	460-334586	11/11/2015 22:33	1	TAL EDI	JHP
P:3546	MB 460-334700/1-A		460-334844	460-334700	11/11/2015 13:36	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	MB 460-334700/1-A		460-334844	460-334700	11/12/2015 07:47	1	TAL EDI	DAN
P:3510C	MB 460-334886/1-A		460-334844	460-334886	11/12/2015 07:51	1	TAL EDI	HAW
A:NJ-OQA-QAM-025	MB 460-334886/1-A		460-334844	460-334886	11/12/2015 11:23	1	TAL EDI	DAN

Client: Antea USA, Inc. Job Number: 460-104194-1

Laboratory Chronicle

Lab ID: LCS **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260C	LCS 460-334211/3		460-334211		11/09/2015 22:27	50	TAL EDI	KLB
A:8260C	LCS 460-334208/3		460-334208		11/10/2015 00:37	1	TAL EDI	KLB
A:8260C	LCS 460-334289/4		460-334289		11/10/2015 11:01	1	TAL EDI	EMM
P:5030C	LCS 460-334455/4		460-334455		11/10/2015 21:07	1	TAL EDI	MZS
A:8260C	LCS 460-334455/4		460-334455		11/10/2015 21:07	1	TAL EDI	MZS
A:8260C	LCS 460-334504/4		460-334504		11/10/2015 22:03	50	TAL EDI	KLB
P:3546	LCS 460-334425/2-A		460-334538	460-334425	11/10/2015 14:09	1	TAL EDI	FHW
A:8270D	LCS 460-334425/2-A		460-334538	460-334425	11/11/2015 04:01	1	TAL EDI	MMC
P:3546	LCS 460-334425/3-A		460-334538	460-334425	11/10/2015 14:09	1	TAL EDI	FHW
A:8270D	LCS 460-334425/3-A		460-334538	460-334425	11/11/2015 04:25	1	TAL EDI	MMC
P:3510C	LCS 460-334367/2-A		460-334749	460-334367	11/10/2015 11:08	1	TAL EDI	MBE
A:8270D	LCS 460-334367/2-A		460-334749	460-334367	11/12/2015 03:56	1	TAL EDI	AAS
P:3510C	LCS 460-334367/4-A		460-334836	460-334367	11/10/2015 11:08	1	TAL EDI	MBE
A:8270D	LCS 460-334367/4-A		460-334836	460-334367	11/12/2015 16:04	1	TAL EDI	MMC
P:3546	LCS 460-334588/2-A		460-334728	460-334588	11/11/2015 05:25	1	TAL EDI	ARA
A:8082A	LCS 460-334588/2-A		460-334728	460-334588	11/11/2015 15:15	1	TAL EDI	JHP
P:3510C	LCS 460-334069/2-A		460-334730	460-334069	11/09/2015 10:14	1	TAL EDI	HAW
A:8082A	LCS 460-334069/2-A		460-334730	460-334069	11/11/2015 15:55	1	TAL EDI	JHP
P:3546	LCS 460-334586/2-A		460-334728	460-334586	11/11/2015 05:21	1	TAL EDI	ARA
A:8082A	LCS 460-334586/2-A		460-334728	460-334586	11/11/2015 22:47	1	TAL EDI	JHP
P:3546	LCS 460-334700/2-A		460-334844	460-334700	11/11/2015 13:36	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	LCS 460-334700/2-A		460-334844	460-334700	11/12/2015 07:59	1	TAL EDI	DAN
P:3510C	LCS 460-334886/2-A		460-334844	460-334886	11/12/2015 07:51	1	TAL EDI	HAW
A:NJ-OQA-QAM-025	LCS 460-334886/2-A		460-334844	460-334886	11/12/2015 11:35	1	TAL EDI	DAN

Client: Antea USA, Inc. Job Number: 460-104194-1

Laboratory Chronicle

Lab ID: LCSD **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260C	LCSD 460-334211/5		460-334211		11/09/2015 23:16	50	TAL EDI	KLB
A:8260C	LCSD 460-334208/4		460-334208		11/10/2015 01:02	1	TAL EDI	KLB
A:8260C	LCSD 460-334289/5		460-334289		11/10/2015 11:25	1	TAL EDI	EMM
A:8260C	LCSD 460-334504/5		460-334504		11/10/2015 22:31	50	TAL EDI	KLB
P:3510C	LCSD 460-334367/3-A		460-334836	460-334367	11/10/2015 11:08	1	TAL EDI	MBE
A:8270D	LCSD 460-334367/3-A		460-334836	460-334367	11/12/2015 15:43	1	TAL EDI	MMC
P:3510C	LCSD 460-334367/5-A		460-334836	460-334367	11/10/2015 11:08	1	TAL EDI	MBE
A:8270D	LCSD 460-334367/5-A		460-334836	460-334367	11/12/2015 16:26	1	TAL EDI	MMC
P:3510C	LCSD 460-334069/3-A		460-334730	460-334069	11/09/2015 10:14	1	TAL EDI	HAW
A:8082A	LCSD 460-334069/3-A		460-334730	460-334069	11/11/2015 16:10	1	TAL EDI	JHP
P:3510C	LCSD 460-334886/3-A		460-334844	460-334886	11/12/2015 07:51	1	TAL EDI	HAW
A:NJ-OQA-QAM-025	LCSD 460-334886/3-A		460-334844	460-334886	11/12/2015 11:47	1	TAL EDI	DAN

Lab ID: MS **Client ID: N/A**

Sample Date/Time: 11/02/2015 09:45 Received Date/Time: 11/03/2015 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-104036-B-1 MS		460-334455		11/11/2015 00:51	10	TAL EDI	MZS
A:8260C	460-104036-B-1 MS		460-334455		11/11/2015 00:51	10	TAL EDI	MZS
P:3546	460-104183-A-23-A MS		460-334728	460-334586	11/11/2015 05:21	1	TAL EDI	ARA
A:8082A	460-104183-A-23-A MS		460-334728	460-334586	11/11/2015 23:02	1	TAL EDI	JHP

Lab ID: MSD **Client ID: N/A**

Sample Date/Time: 11/02/2015 09:45 Received Date/Time: 11/03/2015 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-104036-B-1 MSD		460-334455		11/11/2015 01:17	10	TAL EDI	MZS
A:8260C	460-104036-B-1 MSD		460-334455		11/11/2015 01:17	10	TAL EDI	MZS
P:3546	460-104183-A-23-B MSD		460-334728	460-334586	11/11/2015 05:21	1	TAL EDI	ARA
A:8082A	460-104183-A-23-B MSD		460-334728	460-334586	11/11/2015 23:16	1	TAL EDI	JHP

Client: Antea USA, Inc. Job Number: 460-104194-1

Laboratory Chronicle

Lab ID: DU **Client ID: N/A**

Sample Date/Time: 11/06/2015 00:00 Received Date/Time: 11/06/2015 20:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-104197-D-41 DU		460-334674		11/11/2015 11:07	1	TAL EDI	CJA

Lab References:
TAL EDI = TestAmerica Edison

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
PRA-25S_1.75	460-104194-1	108	107	101	107
PRA-25S-3.75	460-104194-2	103	102	90	96
PRA-25S 8.25	460-104194-3	121	125	107	113
PRA-25S 11.25	460-104194-4	118	114	102	109
PRA-23 NW	460-104194-5	107	104	94	102
PRA-18 S	460-104194-6	102	103	90	97
PRA-10 W	460-104194-7	103	105	91	98
PRA-18-SE	460-104194-8	126	128	108	118
PRA-18-NE	460-104194-9	109	108	93	98
PRA-20-N	460-104194-10	117	117	102	110
PMP-16-NW2-WT	460-104194-12	112	114	103	115
DUP-2015_11_06_01	460-104194-20	124	128	105	107
PMP-28_NW2_WT	460-104194-22	132	132	109	110
Trip Blank	460-104194-24	135	134	120	123
	MB 460-334208/6	113	108	109	116
	MB 460-334289/7	106	104	95	95
	LCS 460-334208/3	98	95	92	100
	LCS 460-334289/4	131	125	119	122
	LCSD 460-334208/4	118	114	111	120
	LCSD 460-334289/5	111	106	100	102

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	61-149
DCA = 1,2-Dichloroethane-d4 (Surr)	78-135
TOL = Toluene-d8 (Surr)	73-121
BFB = Bromofluorobenzene	67-126

Column to be used to flag recovery values

FORM II 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Medium

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
PMP-15-NW2-WT	460-104194-11	121	118	113	111
PMP-19-NW2-WT	460-104194-15	125	124	121	113
PMP-27_NW2_WT	460-104194-21	117	115	114	109
	MB 460-334211/7	105	99	106	103
	MB 460-334504/8	100	95	102	97
	LCS 460-334211/3	123	109	123	118
	LCS 460-334504/4	98	93	100	99
	LCSD 460-334211/5	104	93	100	99
	LCSD 460-334504/5	104	95	102	100

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	74-134
DCA = 1,2-Dichloroethane-d4 (Surr)	69-145
TOL = Toluene-d8 (Surr)	72-136
BFB = Bromofluorobenzene	64-131

Column to be used to flag recovery values

FORM II 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
FB-20151106	460-104194-23	98	87	80	95
	MB 460-334455/7	100	86	81	93
	LCS 460-334455/4	100	89	83	94
	460-104036-B-1 MS	100	90	81	93
	460-104036-B-1 MSD	101	92	81	91

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	72-136
DCA = 1,2-Dichloroethane-d4 (Surr)	70-137
TOL = Toluene-d8 (Surr)	74-120
BFB = Bromofluorobenzene	70-131

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D16316.D

Lab ID: LCS 460-334208/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	18.5	92	73-130	
Bromomethane	20.0	19.3	97	74-125	
Vinyl chloride	20.0	19.6	98	77-130	
Chloroethane	20.0	19.1	95	63-143	
Methylene Chloride	20.0	17.9	90	80-120	
Acetone	100	90.3	90	66-150	
Carbon disulfide	20.0	18.2	91	82-127	
Trichlorofluoromethane	20.0	20.8	104	73-134	
1,1-Dichloroethene	20.0	19.2	96	80-120	
1,1-Dichloroethane	20.0	19.8	99	83-131	
trans-1,2-Dichloroethene	20.0	18.6	93	86-126	
cis-1,2-Dichloroethene	20.0	18.6	93	80-120	
Chloroform	20.0	19.8	99	80-120	
2-Butanone	100	84.1	84	58-150	
1,2-Dichloroethane	20.0	20.1	100	75-132	
1,1,1-Trichloroethane	20.0	20.1	100	78-139	
Carbon tetrachloride	20.0	20.4	102	62-150	
Benzene	20.0	18.1	91	78-122	
Bromoform	20.0	20.9	104	47-150	
Styrene	20.0	19.0	95	80-120	
Ethylbenzene	20.0	18.8	94	80-120	
Chlorobenzene	20.0	18.6	93	80-120	
Cyclohexane	20.0	19.8	99	77-137	
Isopropylbenzene	20.0	19.0	95	80-120	
2-Hexanone	100	98.2	98	75-137	
MTBE	20.0	19.5	97	80-120	
Freon TF	20.0	19.6	98	83-136	
Methyl acetate	100	101	101	66-150	
1,4-Dioxane	400	356	89	80-128	
Trichloroethene	20.0	19.2	96	80-120	
Toluene	20.0	17.8	89	80-120	
trans-1,3-Dichloropropene	20.0	19.0	95	73-118	
4-Methyl-2-pentanone	100	94.9	95	81-121	
cis-1,3-Dichloropropene	20.0	19.0	95	75-118	
1,2-Dichlorobenzene	20.0	18.6	93	80-120	
1,3-Dichlorobenzene	20.0	18.8	94	80-120	
1,4-Dichlorobenzene	20.0	18.4	92	80-120	
1,2,4-Trichlorobenzene	20.0	19.6	98	77-116	
1,2,3-Trichlorobenzene	20.0	19.8	99	77-116	
1,2-Dichloropropane	20.0	19.7	98	77-124	
Methylcyclohexane	20.0	19.6	98	84-127	
Tetrachloroethene	20.0	19.9	99	68-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D16316.D

Lab ID: LCS 460-334208/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	40.0	37.5	94	80-120	
1,2-Dibromo-3-Chloropropane	20.0	18.9	95	63-131	
1,1,2,2-Tetrachloroethane	20.0	19.0	95	64-128	
1,1,2-Trichloroethane	20.0	18.8	94	76-118	
Dibromochloromethane	20.0	19.5	98	68-132	
1,2-Dibromoethane	20.0	19.2	96	80-120	
Dichlorodifluoromethane	20.0	18.9	95	73-122	
Bromochloromethane	20.0	18.8	94	73-132	
Bromodichloromethane	20.0	19.6	98	76-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B89757.D

Lab ID: LCS 460-334211/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	1000	1030	103	63-138	
Bromomethane	1000	1210	121	66-145	
Vinyl chloride	1000	1120	112	69-139	
Chloroethane	1000	1150	115	68-144	
Methylene Chloride	1000	1170	117	78-122	
Acetone	5000	5430	109	10-150	
Carbon disulfide	1000	1190	119	72-127	
Trichlorofluoromethane	1000	1090	109	72-140	
1,1-Dichloroethene	1000	1150	115	78-125	
1,1-Dichloroethane	1000	1250	125	78-123	*
trans-1,2-Dichloroethene	1000	1120	112	79-123	
cis-1,2-Dichloroethene	1000	1100	110	80-120	
Chloroform	1000	1150	115	82-123	
2-Butanone	5000	5390	108	40-150	
1,2-Dichloroethane	1000	996	100	75-122	
1,1,1-Trichloroethane	1000	1020	102	81-125	
Carbon tetrachloride	1000	1070	107	77-136	
Benzene	1000	1200	120	77-121	
Bromoform	1000	1160	116	68-124	
Styrene	1000	1080	108	80-120	
Ethylbenzene	1000	1070	107	80-120	
Chlorobenzene	1000	1090	109	84-114	
Cyclohexane	1000	1140	114	64-128	
Isopropylbenzene	1000	1060	106	81-124	
2-Hexanone	5000	5740	115	44-136	
MTBE	1000	1160	116	77-121	
Freon TF	1000	1160	116	69-135	
Methyl acetate	5000	7190	144	58-140	*
1,4-Dioxane	20000	46700	234	65-145	*
Trichloroethene	1000	1110	111	82-122	
Toluene	1000	1150	115	80-120	
trans-1,3-Dichloropropene	1000	1180	118	74-121	
4-Methyl-2-pentanone	5000	5300	106	62-124	
cis-1,3-Dichloropropene	1000	1180	118	78-120	
1,2-Dichlorobenzene	1000	1110	111	80-120	
1,3-Dichlorobenzene	1000	1120	112	80-120	
1,4-Dichlorobenzene	1000	1060	106	80-120	
1,2,4-Trichlorobenzene	1000	1120	112	45-137	
1,2,3-Trichlorobenzene	1000	1110	111	35-143	
1,2-Dichloropropane	1000	1160	116	76-124	
Methylcyclohexane	1000	1100	110	55-133	
Tetrachloroethene	1000	1130	113	71-133	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B89757.D

Lab ID: LCS 460-334211/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	2000	2140	107	80-120	
1,2-Dibromo-3-Chloropropane	1000	1290	129	37-130	
1,1,2,2-Tetrachloroethane	1000	1290	129	59-130	
1,1,2-Trichloroethane	1000	1200	120	72-117	*
Dibromochloromethane	1000	1110	111	83-121	
1,2-Dibromoethane	1000	1160	116	76-117	
Dichlorodifluoromethane	1000	1000	100	51-145	
Bromochloromethane	1000	1220	122	82-124	
Bromodichloromethane	1000	1090	109	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D16340.D

Lab ID: LCS 460-334289/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	22.0	110	73-130	
Bromomethane	20.0	22.6	113	74-125	
Vinyl chloride	20.0	22.0	110	77-130	
Chloroethane	20.0	22.1	110	63-143	
Methylene Chloride	20.0	21.7	108	80-120	
Acetone	100	114	114	66-150	
Carbon disulfide	20.0	20.1	100	82-127	
Trichlorofluoromethane	20.0	21.5	108	73-134	
1,1-Dichloroethene	20.0	20.5	103	80-120	
1,1-Dichloroethane	20.0	23.4	117	83-131	
trans-1,2-Dichloroethene	20.0	21.4	107	86-126	
cis-1,2-Dichloroethene	20.0	22.5	113	80-120	
Chloroform	20.0	23.4	117	80-120	
2-Butanone	100	98.0	98	58-150	
1,2-Dichloroethane	20.0	23.3	116	75-132	
1,1,1-Trichloroethane	20.0	21.5	108	78-139	
Carbon tetrachloride	20.0	21.5	108	62-150	
Benzene	20.0	20.4	102	78-122	
Bromoform	20.0	21.8	109	47-150	
Styrene	20.0	21.1	105	80-120	
Ethylbenzene	20.0	19.9	100	80-120	
Chlorobenzene	20.0	20.3	102	80-120	
Cyclohexane	20.0	21.4	107	77-137	
Isopropylbenzene	20.0	20.4	102	80-120	
2-Hexanone	100	112	112	75-137	
MTBE	20.0	23.7	118	80-120	
Freon TF	20.0	20.5	103	83-136	
Methyl acetate	100	123	123	66-150	
1,4-Dioxane	400	417	104	80-128	
Trichloroethene	20.0	21.7	108	80-120	
Toluene	20.0	19.7	98	80-120	
trans-1,3-Dichloropropene	20.0	21.3	107	73-118	
4-Methyl-2-pentanone	100	110	110	81-121	
cis-1,3-Dichloropropene	20.0	21.7	109	75-118	
1,2-Dichlorobenzene	20.0	20.4	102	80-120	
1,3-Dichlorobenzene	20.0	20.5	103	80-120	
1,4-Dichlorobenzene	20.0	19.8	99	80-120	
1,2,4-Trichlorobenzene	20.0	21.6	108	77-116	
1,2,3-Trichlorobenzene	20.0	22.0	110	77-116	
1,2-Dichloropropane	20.0	23.2	116	77-124	
Methylcyclohexane	20.0	20.8	104	84-127	
Tetrachloroethene	20.0	20.4	102	68-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D16340.D

Lab ID: LCS 460-334289/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	40.0	40.8	102	80-120	
1,2-Dibromo-3-Chloropropane	20.0	21.7	109	63-131	
1,1,2,2-Tetrachloroethane	20.0	21.5	108	64-128	
1,1,2-Trichloroethane	20.0	21.2	106	76-118	
Dibromochloromethane	20.0	21.6	108	68-132	
1,2-Dibromoethane	20.0	21.1	106	80-120	
Dichlorodifluoromethane	20.0	19.3	97	73-122	
Bromochloromethane	20.0	22.3	111	73-132	
Bromodichloromethane	20.0	22.6	113	76-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Water Level: Low Lab File ID: C05507.D

Lab ID: LCS 460-334455/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	13.3	67	45-150	
Bromomethane	20.0	23.1	116	10-150	
Vinyl chloride	20.0	16.5	83	53-142	
Chloroethane	20.0	19.3	97	40-150	
Methylene Chloride	20.0	19.9	99	80-126	
Acetone	100	101	101	19-150	
Carbon disulfide	20.0	20.5	103	69-131	
Trichlorofluoromethane	20.0	22.8	114	50-150	
1,1-Dichloroethene	20.0	21.2	106	67-133	
1,1-Dichloroethane	20.0	19.4	97	77-129	
trans-1,2-Dichloroethene	20.0	21.0	105	78-127	
cis-1,2-Dichloroethene	20.0	20.3	101	82-127	
Chloroform	20.0	20.1	100	81-127	
2-Butanone	100	102	102	56-150	
1,2-Dichloroethane	20.0	18.3	92	73-131	
1,1,1-Trichloroethane	20.0	20.3	102	76-131	
Carbon tetrachloride	20.0	20.9	104	71-138	
Benzene	20.0	17.2	86	76-125	
Bromoform	20.0	17.5	88	65-124	
Styrene	20.0	18.0	90	75-124	
Ethylbenzene	20.0	17.8	89	80-120	
Chlorobenzene	20.0	17.8	89	80-120	
Cyclohexane	20.0	20.7	104	51-147	
Isopropylbenzene	20.0	19.1	95	80-127	
2-Hexanone	100	93.1	93	64-150	
MTBE	20.0	19.2	96	78-129	
Freon TF	20.0	23.9	120	53-149	
Methyl acetate	100	80.9	81	63-150	
1,4-Dioxane	400	399	100	65-150	
Trichloroethene	20.0	20.8	104	77-127	
Toluene	20.0	17.5	88	80-120	
trans-1,3-Dichloropropene	20.0	15.9	80	69-125	
4-Methyl-2-pentanone	100	93.1	93	77-130	
cis-1,3-Dichloropropene	20.0	16.4	82	72-125	
1,2-Dichlorobenzene	20.0	18.6	93	80-121	
1,3-Dichlorobenzene	20.0	18.5	92	80-120	
1,4-Dichlorobenzene	20.0	17.8	89	79-120	
1,2,4-Trichlorobenzene	20.0	18.6	93	66-137	
1,2,3-Trichlorobenzene	20.0	18.0	90	64-142	
1,2-Dichloropropane	20.0	20.3	102	75-129	
Methylcyclohexane	20.0	22.4	112	52-142	
Tetrachloroethene	20.0	20.2	101	71-132	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Water Level: Low Lab File ID: C05507.D

Lab ID: LCS 460-334455/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	40.0	35.5	89	80-120	
1,2-Dibromo-3-Chloropropane	20.0	14.7	73	55-133	
1,1,2,2-Tetrachloroethane	20.0	15.7	79	65-128	
1,1,2-Trichloroethane	20.0	16.6	83	77-122	
Dibromochloromethane	20.0	17.3	87	78-120	
1,2-Dibromoethane	20.0	17.3	87	80-120	
Dichlorodifluoromethane	20.0	15.7	79	32-150	
Bromochloromethane	20.0	19.9	99	71-137	
Bromodichloromethane	20.0	19.6	98	78-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B89814.D

Lab ID: LCS 460-334504/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	1000	1030	103	63-138	
Bromomethane	1000	1040	104	66-145	
Vinyl chloride	1000	1050	105	69-139	
Chloroethane	1000	994	99	68-144	
Methylene Chloride	1000	984	98	78-122	
Acetone	5000	3910	78	10-150	
Carbon disulfide	1000	1010	101	72-127	
Trichlorofluoromethane	1000	949	95	72-140	
1,1-Dichloroethene	1000	932	93	78-125	
1,1-Dichloroethane	1000	1050	105	78-123	
trans-1,2-Dichloroethene	1000	939	94	79-123	
cis-1,2-Dichloroethene	1000	945	95	80-120	
Chloroform	1000	962	96	82-123	
2-Butanone	5000	4110	82	40-150	
1,2-Dichloroethane	1000	840	84	75-122	
1,1,1-Trichloroethane	1000	854	85	81-125	
Carbon tetrachloride	1000	863	86	77-136	
Benzene	1000	1030	103	77-121	
Bromoform	1000	962	96	68-124	
Styrene	1000	957	96	80-120	
Ethylbenzene	1000	978	98	80-120	
Chlorobenzene	1000	928	93	84-114	
Cyclohexane	1000	951	95	64-128	
Isopropylbenzene	1000	926	93	81-124	
2-Hexanone	5000	5130	103	44-136	
MTBE	1000	914	91	77-121	
Freon TF	1000	1000	100	69-135	
Methyl acetate	5000	5080	102	58-140	
1,4-Dioxane	20000	25100	125	65-145	
Trichloroethene	1000	956	96	82-122	
Toluene	1000	1010	101	80-120	
trans-1,3-Dichloropropene	1000	961	96	74-121	
4-Methyl-2-pentanone	5000	5170	103	62-124	
cis-1,3-Dichloropropene	1000	1000	100	78-120	
1,2-Dichlorobenzene	1000	916	92	80-120	
1,3-Dichlorobenzene	1000	917	92	80-120	
1,4-Dichlorobenzene	1000	933	93	80-120	
1,2,4-Trichlorobenzene	1000	908	91	45-137	
1,2,3-Trichlorobenzene	1000	898	90	35-143	
1,2-Dichloropropane	1000	1050	105	76-124	
Methylcyclohexane	1000	919	92	55-133	
Tetrachloroethene	1000	987	99	71-133	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B89814.D

Lab ID: LCS 460-334504/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	2000	1830	91	80-120	
1,2-Dibromo-3-Chloropropane	1000	809	81	37-130	
1,1,2,2-Tetrachloroethane	1000	1010	101	59-130	
1,1,2-Trichloroethane	1000	1030	103	72-117	
Dibromochloromethane	1000	913	91	83-121	
1,2-Dibromoethane	1000	923	92	76-117	
Dichlorodifluoromethane	1000	832	83	51-145	
Bromochloromethane	1000	906	91	82-124	
Bromodichloromethane	1000	963	96	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D16317.D

Lab ID: LCSD 460-334208/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	18.7	93	1	30	73-130	
Bromomethane	20.0	19.5	98	1	30	74-125	
Vinyl chloride	20.0	19.7	99	1	30	77-130	
Chloroethane	20.0	18.8	94	1	30	63-143	
Methylene Chloride	20.0	18.5	93	3	30	80-120	
Acetone	100	97.7	98	8	30	66-150	
Carbon disulfide	20.0	18.7	94	3	30	82-127	
Trichlorofluoromethane	20.0	20.3	101	2	30	73-134	
1,1-Dichloroethene	20.0	19.4	97	1	30	80-120	
1,1-Dichloroethane	20.0	20.0	100	1	30	83-131	
trans-1,2-Dichloroethene	20.0	18.1	91	3	30	86-126	
cis-1,2-Dichloroethene	20.0	19.0	95	2	30	80-120	
Chloroform	20.0	20.4	102	3	30	80-120	
2-Butanone	100	88.7	89	5	30	58-150	
1,2-Dichloroethane	20.0	20.5	103	2	30	75-132	
1,1,1-Trichloroethane	20.0	20.0	100	0	30	78-139	
Carbon tetrachloride	20.0	20.3	101	1	30	62-150	
Benzene	20.0	18.7	93	3	30	78-122	
Bromoform	20.0	21.5	107	3	30	47-150	
Styrene	20.0	19.3	97	2	30	80-120	
Ethylbenzene	20.0	19.1	95	2	30	80-120	
Chlorobenzene	20.0	19.1	95	3	30	80-120	
Cyclohexane	20.0	19.8	99	0	30	77-137	
Isopropylbenzene	20.0	19.2	96	1	30	80-120	
2-Hexanone	100	99.7	100	1	30	75-137	
MTBE	20.0	20.0	100	3	30	80-120	
Freon TF	20.0	19.4	97	1	30	83-136	
Methyl acetate	100	110	110	8	30	66-150	
1,4-Dioxane	400	389	97	9	30	80-128	
Trichloroethene	20.0	19.1	95	1	30	80-120	
Toluene	20.0	18.0	90	1	30	80-120	
trans-1,3-Dichloropropene	20.0	19.4	97	2	30	73-118	
4-Methyl-2-pentanone	100	98.2	98	3	30	81-121	
cis-1,3-Dichloropropene	20.0	19.5	97	2	30	75-118	
1,2-Dichlorobenzene	20.0	19.2	96	3	30	80-120	
1,3-Dichlorobenzene	20.0	18.8	94	0	30	80-120	
1,4-Dichlorobenzene	20.0	18.7	94	2	30	80-120	
1,2,4-Trichlorobenzene	20.0	19.9	100	2	30	77-116	
1,2,3-Trichlorobenzene	20.0	20.5	103	4	30	77-116	
1,2-Dichloropropane	20.0	19.9	99	1	30	77-124	
Methylcyclohexane	20.0	18.9	95	3	30	84-127	
Tetrachloroethene	20.0	20.0	100	0	30	68-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D16317.D

Lab ID: LCSD 460-334208/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	40.0	38.4	96	3	30	80-120	
1,2-Dibromo-3-Chloropropane	20.0	21.2	106	11	30	63-131	
1,1,2,2-Tetrachloroethane	20.0	20.0	100	5	30	64-128	
1,1,2-Trichloroethane	20.0	19.9	99	6	30	76-118	
Dibromochloromethane	20.0	20.7	104	6	30	68-132	
1,2-Dibromoethane	20.0	20.1	100	5	30	80-120	
Dichlorodifluoromethane	20.0	18.9	95	0	30	73-122	
Bromochloromethane	20.0	19.7	98	4	30	73-132	
Bromodichloromethane	20.0	19.7	99	1	30	76-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B89759.D

Lab ID: LCSD 460-334211/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	1000	934	93	9	30	63-138	
Bromomethane	1000	1080	108	11	30	66-145	
Vinyl chloride	1000	1000	100	10	30	69-139	
Chloroethane	1000	1060	106	9	30	68-144	
Methylene Chloride	1000	990	99	16	30	78-122	
Acetone	5000	4710	94	14	30	10-150	
Carbon disulfide	1000	1060	106	12	30	72-127	
Trichlorofluoromethane	1000	978	98	10	30	72-140	
1,1-Dichloroethene	1000	984	98	15	30	78-125	
1,1-Dichloroethane	1000	1060	106	16	30	78-123	
trans-1,2-Dichloroethene	1000	1000	100	12	30	79-123	
cis-1,2-Dichloroethene	1000	947	95	15	30	80-120	
Chloroform	1000	949	95	19	30	82-123	
2-Butanone	5000	4250	85	24	30	40-150	
1,2-Dichloroethane	1000	842	84	17	30	75-122	
1,1,1-Trichloroethane	1000	886	89	14	30	81-125	
Carbon tetrachloride	1000	893	89	18	30	77-136	
Benzene	1000	1000	100	18	30	77-121	
Bromoform	1000	994	99	16	30	68-124	
Styrene	1000	921	92	16	30	80-120	
Ethylbenzene	1000	924	92	14	30	80-120	
Chlorobenzene	1000	939	94	14	30	84-114	
Cyclohexane	1000	924	92	21	30	64-128	
Isopropylbenzene	1000	929	93	14	30	81-124	
2-Hexanone	5000	4650	93	21	30	44-136	
MTBE	1000	1000	100	15	30	77-121	
Freon TF	1000	999	100	15	30	69-135	
Methyl acetate	5000	5820	116	21	30	58-140	
1,4-Dioxane	20000	33000	165	34	30	65-145	*
Trichloroethene	1000	986	99	11	30	82-122	
Toluene	1000	1010	101	13	30	80-120	
trans-1,3-Dichloropropene	1000	1010	101	15	30	74-121	
4-Methyl-2-pentanone	5000	4440	89	18	30	62-124	
cis-1,3-Dichloropropene	1000	1020	102	14	30	78-120	
1,2-Dichlorobenzene	1000	916	92	19	30	80-120	
1,3-Dichlorobenzene	1000	913	91	20	30	80-120	
1,4-Dichlorobenzene	1000	929	93	13	30	80-120	
1,2,4-Trichlorobenzene	1000	864	86	26	30	45-137	
1,2,3-Trichlorobenzene	1000	890	89	22	30	35-143	
1,2-Dichloropropane	1000	999	100	15	30	76-124	
Methylcyclohexane	1000	907	91	19	30	55-133	
Tetrachloroethene	1000	947	95	18	30	71-133	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B89759.D

Lab ID: LCSD 460-334211/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	2000	1870	93	13	30	80-120	
1,2-Dibromo-3-Chloropropane	1000	1080	108	17	30	37-130	
1,1,2,2-Tetrachloroethane	1000	1070	107	19	30	59-130	
1,1,2-Trichloroethane	1000	1080	108	11	30	72-117	
Dibromochloromethane	1000	941	94	16	30	83-121	
1,2-Dibromoethane	1000	992	99	16	30	76-117	
Dichlorodifluoromethane	1000	862	86	15	30	51-145	
Bromochloromethane	1000	999	100	20	30	82-124	
Bromodichloromethane	1000	943	94	14	30	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D16341.D

Lab ID: LCSD 460-334289/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	20.8	104	6	30	73-130	
Bromomethane	20.0	21.2	106	6	30	74-125	
Vinyl chloride	20.0	21.0	105	5	30	77-130	
Chloroethane	20.0	21.2	106	4	30	63-143	
Methylene Chloride	20.0	20.7	104	5	30	80-120	
Acetone	100	111	111	2	30	66-150	
Carbon disulfide	20.0	19.3	96	4	30	82-127	
Trichlorofluoromethane	20.0	20.3	102	6	30	73-134	
1,1-Dichloroethene	20.0	19.5	98	5	30	80-120	
1,1-Dichloroethane	20.0	22.4	112	4	30	83-131	
trans-1,2-Dichloroethene	20.0	20.4	102	5	30	86-126	
cis-1,2-Dichloroethene	20.0	21.5	107	5	30	80-120	
Chloroform	20.0	22.5	112	4	30	80-120	
2-Butanone	100	97.9	98	0	30	58-150	
1,2-Dichloroethane	20.0	22.3	112	4	30	75-132	
1,1,1-Trichloroethane	20.0	20.8	104	4	30	78-139	
Carbon tetrachloride	20.0	20.3	101	6	30	62-150	
Benzene	20.0	19.4	97	5	30	78-122	
Bromoform	20.0	21.0	105	4	30	47-150	
Styrene	20.0	20.3	101	4	30	80-120	
Ethylbenzene	20.0	19.5	98	2	30	80-120	
Chlorobenzene	20.0	19.6	98	4	30	80-120	
Cyclohexane	20.0	20.6	103	4	30	77-137	
Isopropylbenzene	20.0	19.4	97	5	30	80-120	
2-Hexanone	100	108	108	3	30	75-137	
MTBE	20.0	23.3	117	1	30	80-120	
Freon TF	20.0	19.5	98	5	30	83-136	
Methyl acetate	100	118	118	4	30	66-150	
1,4-Dioxane	400	416	104	0	30	80-128	
Trichloroethene	20.0	20.6	103	5	30	80-120	
Toluene	20.0	19.0	95	3	30	80-120	
trans-1,3-Dichloropropene	20.0	20.7	104	3	30	73-118	
4-Methyl-2-pentanone	100	107	107	3	30	81-121	
cis-1,3-Dichloropropene	20.0	21.1	105	3	30	75-118	
1,2-Dichlorobenzene	20.0	19.2	96	6	30	80-120	
1,3-Dichlorobenzene	20.0	18.9	94	8	30	80-120	
1,4-Dichlorobenzene	20.0	18.8	94	5	30	80-120	
1,2,4-Trichlorobenzene	20.0	20.1	101	7	30	77-116	
1,2,3-Trichlorobenzene	20.0	20.1	101	9	30	77-116	
1,2-Dichloropropane	20.0	22.3	111	4	30	77-124	
Methylcyclohexane	20.0	19.7	98	6	30	84-127	
Tetrachloroethene	20.0	19.4	97	5	30	68-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D16341.D

Lab ID: LCSD 460-334289/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	40.0	39.4	98	4	30	80-120	
1,2-Dibromo-3-Chloropropane	20.0	19.8	99	9	30	63-131	
1,1,2,2-Tetrachloroethane	20.0	20.1	100	7	30	64-128	
1,1,2-Trichloroethane	20.0	20.6	103	3	30	76-118	
Dibromochloromethane	20.0	20.6	103	5	30	68-132	
1,2-Dibromoethane	20.0	20.6	103	2	30	80-120	
Dichlorodifluoromethane	20.0	18.0	90	7	30	73-122	
Bromochloromethane	20.0	22.1	111	1	30	73-132	
Bromodichloromethane	20.0	21.8	109	3	30	76-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B89815.D

Lab ID: LCSD 460-334504/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	1000	1020	102	1	30	63-138	
Bromomethane	1000	1040	104	0	30	66-145	
Vinyl chloride	1000	1010	101	4	30	69-139	
Chloroethane	1000	993	99	0	30	68-144	
Methylene Chloride	1000	1040	104	6	30	78-122	
Acetone	5000	3650	73	7	30	10-150	
Carbon disulfide	1000	1030	103	2	30	72-127	
Trichlorofluoromethane	1000	910	91	4	30	72-140	
1,1-Dichloroethene	1000	907	91	3	30	78-125	
1,1-Dichloroethane	1000	1080	108	3	30	78-123	
trans-1,2-Dichloroethene	1000	961	96	2	30	79-123	
cis-1,2-Dichloroethene	1000	967	97	2	30	80-120	
Chloroform	1000	964	96	0	30	82-123	
2-Butanone	5000	4260	85	4	30	40-150	
1,2-Dichloroethane	1000	868	87	3	30	75-122	
1,1,1-Trichloroethane	1000	849	85	1	30	81-125	
Carbon tetrachloride	1000	863	86	0	30	77-136	
Benzene	1000	1060	106	3	30	77-121	
Bromoform	1000	974	97	1	30	68-124	
Styrene	1000	953	95	0	30	80-120	
Ethylbenzene	1000	963	96	2	30	80-120	
Chlorobenzene	1000	943	94	2	30	84-114	
Cyclohexane	1000	925	93	3	30	64-128	
Isopropylbenzene	1000	923	92	0	30	81-124	
2-Hexanone	5000	5010	100	2	30	44-136	
MTBE	1000	951	95	4	30	77-121	
Freon TF	1000	966	97	4	30	69-135	
Methyl acetate	5000	5310	106	4	30	58-140	
1,4-Dioxane	20000	33900	169	30	30	65-145	*
Trichloroethene	1000	923	92	4	30	82-122	
Toluene	1000	1010	101	0	30	80-120	
trans-1,3-Dichloropropene	1000	983	98	2	30	74-121	
4-Methyl-2-pentanone	5000	4940	99	5	30	62-124	
cis-1,3-Dichloropropene	1000	1040	104	4	30	78-120	
1,2-Dichlorobenzene	1000	902	90	2	30	80-120	
1,3-Dichlorobenzene	1000	943	94	3	30	80-120	
1,4-Dichlorobenzene	1000	964	96	3	30	80-120	
1,2,4-Trichlorobenzene	1000	947	95	4	30	45-137	
1,2,3-Trichlorobenzene	1000	925	93	3	30	35-143	
1,2-Dichloropropane	1000	1060	106	0	30	76-124	
Methylcyclohexane	1000	916	92	0	30	55-133	
Tetrachloroethene	1000	982	98	0	30	71-133	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B89815.D

Lab ID: LCSD 460-334504/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	2000	1840	92	1	30	80-120	
1,2-Dibromo-3-Chloropropane	1000	797	80	1	30	37-130	
1,1,2,2-Tetrachloroethane	1000	1000	100	1	30	59-130	
1,1,2-Trichloroethane	1000	1090	109	6	30	72-117	
Dibromochloromethane	1000	929	93	2	30	83-121	
1,2-Dibromoethane	1000	907	91	2	30	76-117	
Dichlorodifluoromethane	1000	828	83	1	30	51-145	
Bromochloromethane	1000	1010	101	11	30	82-124	
Bromodichloromethane	1000	948	95	2	30	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Water Level: Low Lab File ID: C05515.D

Lab ID: 460-104036-B-1 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Chloromethane	200	0.22 U	137	69	45-150	
Bromomethane	200	0.18 U	107	54	10-150	
Vinyl chloride	200	0.060 U	184	92	53-142	
Chloroethane	200	0.37 U	255	128	40-150	
Methylene Chloride	200	0.21 U	197	98	80-126	
Acetone	1000	1.1 U	859	86	19-150	
Carbon disulfide	200	0.22 U	209	104	69-131	
Trichlorofluoromethane	200	0.15 U	249	124	50-150	
1,1-Dichloroethene	200	0.34 U	211	106	67-133	
1,1-Dichloroethane	200	0.24 U	197	99	77-129	
trans-1,2-Dichloroethene	200	0.18 U	208	104	78-127	
cis-1,2-Dichloroethene	200	0.26 U	200	100	82-127	
Chloroform	200	0.22 U	201	100	81-127	
2-Butanone	1000	2.2 U	939	94	56-150	
1,2-Dichloroethane	200	0.25 U	193	96	73-131	
1,1,1-Trichloroethane	200	0.28 U	208	104	76-131	
Carbon tetrachloride	200	0.33 U	204	102	71-138	
Benzene	200	0.090 U	171	86	76-125	
Bromoform	200	0.18 U	170	85	65-124	
Styrene	200	0.17 U	170	85	75-124	
Ethylbenzene	200	0.30 U	169	84	80-120	
Chlorobenzene	200	0.24 U	178	89	80-120	
Cyclohexane	200	0.26 U	216	108	51-147	
Isopropylbenzene	200	0.32 U	182	91	80-127	
2-Hexanone	1000	0.72 U	889	89	64-150	
MTBE	200	0.13 U	202	101	78-129	
Freon TF	200	0.34 U	249	124	53-149	
Methyl acetate	1000	0.58 U	921	92	63-150	
1,4-Dioxane	4000	8.7 U	3230	81	65-150	
Trichloroethene	200	1.8	210	104	77-127	
Toluene	200	0.25 U	177	89	80-120	
trans-1,3-Dichloropropene	200	0.19 U	156	78	69-125	
4-Methyl-2-pentanone	1000	0.63 U	895	90	77-130	
cis-1,3-Dichloropropene	200	0.16 U	157	79	72-125	
1,2-Dichlorobenzene	200	0.22 U	172	86	80-121	
1,3-Dichlorobenzene	200	0.33 U	167	83	80-120	
1,4-Dichlorobenzene	200	0.33 U	171	85	79-120	
1,2,4-Trichlorobenzene	200	0.27 U	163	81	66-137	
1,2,3-Trichlorobenzene	200	0.35 U	169	84	64-142	
1,2-Dichloropropane	200	0.18 U	203	102	75-129	
Methylcyclohexane	200	0.22 U	223	112	52-142	
Tetrachloroethene	200	0.12 U	190	95	71-132	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Water Level: Low Lab File ID: C05515.D

Lab ID: 460-104036-B-1 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Xylenes, Total	400	0.28 U	345	86	80-120	
1,2-Dibromo-3-Chloropropane	200	0.23 U	162	81	55-133	
1,1,2,2-Tetrachloroethane	200	0.19 U	160	80	65-128	
1,1,2-Trichloroethane	200	0.080 U	167	83	77-122	
Dibromochloromethane	200	0.22 U	174	87	78-120	
1,2-Dibromoethane	200	0.19 U	169	85	80-120	
Dichlorodifluoromethane	200	0.14 U	164	82	32-150	
Bromochloromethane	200	0.30 U	199	99	71-137	
Bromodichloromethane	200	0.15 U	192	96	78-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Water Level: Low Lab File ID: C05516.D

Lab ID: 460-104036-B-1 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	200	137	69	0	30	45-150	
Bromomethane	200	144	72	29	30	10-150	
Vinyl chloride	200	178	89	3	30	53-142	
Chloroethane	200	200	100	24	30	40-150	
Methylene Chloride	200	197	99	0	30	80-126	
Acetone	1000	740	74	15	30	19-150	
Carbon disulfide	200	205	102	2	30	69-131	
Trichlorofluoromethane	200	248	124	0	30	50-150	
1,1-Dichloroethene	200	208	104	1	30	67-133	
1,1-Dichloroethane	200	194	97	2	30	77-129	
trans-1,2-Dichloroethene	200	199	100	4	30	78-127	
cis-1,2-Dichloroethene	200	207	103	3	30	82-127	
Chloroform	200	200	100	1	30	81-127	
2-Butanone	1000	918	92	2	30	56-150	
1,2-Dichloroethane	200	186	93	3	30	73-131	
1,1,1-Trichloroethane	200	206	103	1	30	76-131	
Carbon tetrachloride	200	206	103	1	30	71-138	
Benzene	200	160	80	6	30	76-125	
Bromoform	200	166	83	3	30	65-124	
Styrene	200	170	85	0	30	75-124	
Ethylbenzene	200	169	84	0	30	80-120	
Chlorobenzene	200	172	86	3	30	80-120	
Cyclohexane	200	209	104	3	30	51-147	
Isopropylbenzene	200	179	89	2	30	80-127	
2-Hexanone	1000	868	87	2	30	64-150	
MTBE	200	198	99	2	30	78-129	
Freon TF	200	236	118	5	30	53-149	
Methyl acetate	1000	912	91	1	30	63-150	
1,4-Dioxane	4000	3660	91	12	30	65-150	
Trichloroethene	200	203	101	3	30	77-127	
Toluene	200	171	85	4	30	80-120	
trans-1,3-Dichloropropene	200	156	78	0	30	69-125	
4-Methyl-2-pentanone	1000	880	88	2	30	77-130	
cis-1,3-Dichloropropene	200	155	78	1	30	72-125	
1,2-Dichlorobenzene	200	167	84	3	30	80-121	
1,3-Dichlorobenzene	200	163	82	2	30	80-120	
1,4-Dichlorobenzene	200	163	81	5	30	79-120	
1,2,4-Trichlorobenzene	200	168	84	3	30	66-137	
1,2,3-Trichlorobenzene	200	171	85	1	30	64-142	
1,2-Dichloropropane	200	194	97	4	30	75-129	
Methylcyclohexane	200	222	111	1	30	52-142	
Tetrachloroethene	200	190	95	0	30	71-132	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Water Level: Low Lab File ID: C05516.D

Lab ID: 460-104036-B-1 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	400	344	86	1	30	80-120	
1,2-Dibromo-3-Chloropropane	200	145	72	11	30	55-133	
1,1,2,2-Tetrachloroethane	200	155	77	4	30	65-128	
1,1,2-Trichloroethane	200	160	80	4	30	77-122	
Dibromochloromethane	200	174	87	0	30	78-120	
1,2-Dibromoethane	200	163	82	3	30	80-120	
Dichlorodifluoromethane	200	168	84	2	30	32-150	
Bromochloromethane	200	193	96	3	30	71-137	
Bromodichloromethane	200	190	95	1	30	78-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab File ID: B89761.D Lab Sample ID: MB 460-334211/7

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: CVOAMS2 Date Analyzed: 11/10/2015 00:04

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-334211/3	B89757.D	11/09/2015 22:27
	LCSD 460-334211/5	B89759.D	11/09/2015 23:16
PMP-15-NW2-WT	460-104194-11	B89774.D	11/10/2015 05:42
PMP-19-NW2-WT	460-104194-15	B89775.D	11/10/2015 06:06

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab File ID: B89818.D Lab Sample ID: MB 460-334504/8

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: CVOAMS2 Date Analyzed: 11/10/2015 23:59

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-334504/4	B89814.D	11/10/2015 22:03
	LCSD 460-334504/5	B89815.D	11/10/2015 22:31
PMP-27_NW2_WT	460-104194-21	B89835.D	11/11/2015 06:50

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab File ID: D16319.D Lab Sample ID: MB 460-334208/6

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS4 Date Analyzed: 11/10/2015 02:05

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-334208/3	D16316.D	11/10/2015 00:37
	LCSD 460-334208/4	D16317.D	11/10/2015 01:02
PRA-25S_1.75	460-104194-1	D16324.D	11/10/2015 04:07
PRA-25S-3.75	460-104194-2	D16325.D	11/10/2015 04:32
PRA-25S 8.25	460-104194-3	D16326.D	11/10/2015 04:56
PRA-25S 11.25	460-104194-4	D16327.D	11/10/2015 05:21
PRA-23 NW	460-104194-5	D16328.D	11/10/2015 05:45
PRA-18 S	460-104194-6	D16329.D	11/10/2015 06:10
PRA-10 W	460-104194-7	D16330.D	11/10/2015 06:34
PRA-18-SE	460-104194-8	D16331.D	11/10/2015 06:59
PRA-18-NE	460-104194-9	D16332.D	11/10/2015 07:24
PRA-20-N	460-104194-10	D16333.D	11/10/2015 07:49
PMP-16-NW2-WT	460-104194-12	D16334.D	11/10/2015 08:13

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab File ID: D16343.D Lab Sample ID: MB 460-334289/7

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS4 Date Analyzed: 11/10/2015 12:15

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-334289/4	D16340.D	11/10/2015 11:01
	LCSD 460-334289/5	D16341.D	11/10/2015 11:25
Trip Blank	460-104194-24	D16348.D	11/10/2015 14:17
DUP-2015_11_06_01	460-104194-20	D16350.D	11/10/2015 15:06
PMP-28_NW2_WT	460-104194-22	D16351.D	11/10/2015 15:31

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab File ID: C05510.D Lab Sample ID: MB 460-334455/7

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS3 Date Analyzed: 11/10/2015 22:37

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-334455/4	C05507.D	11/10/2015 21:07
FB-20151106	460-104194-23	C05511.D	11/10/2015 23:03
	460-104036-B-1 MS	C05515.D	11/11/2015 00:51
	460-104036-B-1 MSD	C05516.D	11/11/2015 01:17

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab File ID: B89350.D BFB Injection Date: 10/31/2015

Instrument ID: CVOAMS2 BFB Injection Time: 13:01

Analysis Batch No.: 332444

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.0	
75	30.0 - 60.0 % of mass 95	43.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	1.0	(0.9)1
174	50.0 - 120.00 % of mass 95	117.7	
175	5.0 - 9.0 % of mass 174	6.9	(5.8)1
176	95.0 - 101.0 % of mass 174	112.1	(95.3)1
177	5.0 - 9.0 % of mass 176	7.2	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD7 460-332444/2	B89351.D	10/31/2015	13:26
	STD1 460-332444/3	B89352.D	10/31/2015	13:49
	STD5 460-332444/4	B89353.D	10/31/2015	14:13
	STD20 460-332444/5	B89354.D	10/31/2015	14:37
	STD50 460-332444/6	B89355.D	10/31/2015	15:01
	STD200 460-332444/7	B89356.D	10/31/2015	15:25
	STD500 460-332444/8	B89357.D	10/31/2015	15:49

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab File ID: B89755.D BFB Injection Date: 11/09/2015

Instrument ID: CVOAMS2 BFB Injection Time: 21:13

Analysis Batch No.: 334211

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.0	
75	30.0 - 60.0 % of mass 95	44.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.9	
173	Less than 2.0 % of mass 174	0.8	(0.8)1
174	50.0 - 120.00 % of mass 95	110.1	
175	5.0 - 9.0 % of mass 174	8.3	(7.5)1
176	95.0 - 101.0 % of mass 174	107.4	(97.6)1
177	5.0 - 9.0 % of mass 176	6.9	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-334211/2	B89756.D	11/09/2015	22:03
	LCS 460-334211/3	B89757.D	11/09/2015	22:27
	LCSD 460-334211/5	B89759.D	11/09/2015	23:16
	MB 460-334211/7	B89761.D	11/10/2015	00:04
PMP-15-NW2-WT	460-104194-11	B89774.D	11/10/2015	05:42
PMP-19-NW2-WT	460-104194-15	B89775.D	11/10/2015	06:06

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab File ID: B89811.D BFB Injection Date: 11/10/2015

Instrument ID: CVOAMS2 BFB Injection Time: 20:52

Analysis Batch No.: 334504

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.0	
75	30.0 - 60.0 % of mass 95	48.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.3	
173	Less than 2.0 % of mass 174	1.3	(1.2)1
174	50.0 - 120.00 % of mass 95	111.9	
175	5.0 - 9.0 % of mass 174	7.9	(7.0)1
176	95.0 - 101.0 % of mass 174	112.5	(100.5)1
177	5.0 - 9.0 % of mass 176	7.8	(6.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-334504/3	B89813.D	11/10/2015	21:39
	LCS 460-334504/4	B89814.D	11/10/2015	22:03
	LCSD 460-334504/5	B89815.D	11/10/2015	22:31
	MB 460-334504/8	B89818.D	11/10/2015	23:59
PMP-27_NW2_WT	460-104194-21	B89835.D	11/11/2015	06:50

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab File ID: C05022.D BFB Injection Date: 10/29/2015

Instrument ID: CVOAMS3 BFB Injection Time: 08:21

Analysis Batch No.: 331950

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.5	
75	30.0 - 60.0 % of mass 95	44.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	89.4	
175	5.0 - 9.0 % of mass 174	6.2	(6.9)1
176	95.0 - 101.0 % of mass 174	88.1	(98.5)1
177	5.0 - 9.0 % of mass 176	5.8	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 460-331950/3	C05024.D	10/29/2015	09:22
	STD5 460-331950/4	C05025.D	10/29/2015	09:48
	STD20 460-331950/5	C05026.D	10/29/2015	10:14
	STD50 460-331950/6	C05027.D	10/29/2015	10:40
	STD200 460-331950/7	C05028.D	10/29/2015	11:06
	STD500 460-331950/8	C05029.D	10/29/2015	11:31
	STD8 460-331950/12	C05033.D	10/29/2015	13:14

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab File ID: C05504.D BFB Injection Date: 11/10/2015

Instrument ID: CVOAMS3 BFB Injection Time: 19:48

Analysis Batch No.: 334455

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.1	
75	30.0 - 60.0 % of mass 95	44.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.4	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	86.0	
175	5.0 - 9.0 % of mass 174	6.6	(7.7)1
176	95.0 - 101.0 % of mass 174	82.0	(95.4)1
177	5.0 - 9.0 % of mass 176	6.4	(7.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-334455/3	C05506.D	11/10/2015	20:40
	LCS 460-334455/4	C05507.D	11/10/2015	21:07
	MB 460-334455/7	C05510.D	11/10/2015	22:37
FB-20151106	460-104194-23	C05511.D	11/10/2015	23:03
	460-104036-B-1 MS	C05515.D	11/11/2015	00:51
	460-104036-B-1 MSD	C05516.D	11/11/2015	01:17

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab File ID: D16092.D BFB Injection Date: 11/04/2015

Instrument ID: CVOAMS4 BFB Injection Time: 21:03

Analysis Batch No.: 333298

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.0	
75	30.0 - 60.0 % of mass 95	48.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.8	(0.9)1
174	50.0 - 120.00 % of mass 95	85.5	
175	5.0 - 9.0 % of mass 174	6.3	(7.4)1
176	95.0 - 101.0 % of mass 174	82.9	(97.0)1
177	5.0 - 9.0 % of mass 176	5.6	(6.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD5 460-333298/4	D16095.D	11/04/2015	22:25
	STD20 460-333298/5	D16096.D	11/04/2015	22:49
	STD50 460-333298/6	D16097.D	11/04/2015	23:14
	STD200 460-333298/7	D16098.D	11/04/2015	23:38
	STD500 460-333298/8	D16099.D	11/05/2015	00:03
	STD1 460-333298/14	D16105.D	11/05/2015	02:31

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab File ID: D16314.D BFB Injection Date: 11/09/2015

Instrument ID: CVOAMS4 BFB Injection Time: 23:45

Analysis Batch No.: 334208

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.2	
75	30.0 - 60.0 % of mass 95	49.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	1.1	(1.3)1
174	50.0 - 120.00 % of mass 95	84.0	
175	5.0 - 9.0 % of mass 174	7.1	(8.4)1
176	95.0 - 101.0 % of mass 174	83.2	(99.1)1
177	5.0 - 9.0 % of mass 176	5.8	(7.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-334208/2	D16315.D	11/10/2015	00:13
	LCS 460-334208/3	D16316.D	11/10/2015	00:37
	LCSD 460-334208/4	D16317.D	11/10/2015	01:02
	MB 460-334208/6	D16319.D	11/10/2015	02:05
PRA-25S_1.75	460-104194-1	D16324.D	11/10/2015	04:07
PRA-25S-3.75	460-104194-2	D16325.D	11/10/2015	04:32
PRA-25S 8.25	460-104194-3	D16326.D	11/10/2015	04:56
PRA-25S 11.25	460-104194-4	D16327.D	11/10/2015	05:21
PRA-23 NW	460-104194-5	D16328.D	11/10/2015	05:45
PRA-18 S	460-104194-6	D16329.D	11/10/2015	06:10
PRA-10 W	460-104194-7	D16330.D	11/10/2015	06:34
PRA-18-SE	460-104194-8	D16331.D	11/10/2015	06:59
PRA-18-NE	460-104194-9	D16332.D	11/10/2015	07:24
PRA-20-N	460-104194-10	D16333.D	11/10/2015	07:49
PMP-16-NW2-WT	460-104194-12	D16334.D	11/10/2015	08:13

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab File ID: D16337.D BFB Injection Date: 11/10/2015

Instrument ID: CVOAMS4 BFB Injection Time: 09:31

Analysis Batch No.: 334289

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.9	
75	30.0 - 60.0 % of mass 95	49.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.4	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	84.0	
175	5.0 - 9.0 % of mass 174	6.3	(7.5)1
176	95.0 - 101.0 % of mass 174	81.4	(96.9)1
177	5.0 - 9.0 % of mass 176	5.5	(6.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-334289/3	D16339.D	11/10/2015	10:37
	LCS 460-334289/4	D16340.D	11/10/2015	11:01
	LCSD 460-334289/5	D16341.D	11/10/2015	11:25
	MB 460-334289/7	D16343.D	11/10/2015	12:15
Trip Blank	460-104194-24	D16348.D	11/10/2015	14:17
DUP-2015_11_06_01	460-104194-20	D16350.D	11/10/2015	15:06
PMP-28_NW2_WT	460-104194-22	D16351.D	11/10/2015	15:31

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Sample No.: CCVIS 460-334211/2 Date Analyzed: 11/09/2015 22:03

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): B89756.D Heated Purge: (Y/N) N

Calibration ID: 53039

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		204770	2.61	240815	3.68	591988	4.88
UPPER LIMIT		409540	3.11	481630	4.18	1183976	5.38
LOWER LIMIT		102385	2.11	120408	3.18	295994	4.38
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-334211/3		243446	2.62	208037	3.68	455934	4.88
LCSD 460-334211/5		273628	2.60	245308	3.67	519980	4.88
MB 460-334211/7		251093	2.60	233153	3.68	504043	4.88
460-104194-11	PMP-15-NW2-WT	183682	2.62	213891	3.69	509011	4.89
460-104194-15	PMP-19-NW2-WT	163739	2.61	186621	3.69	502571	4.89

TBA = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Sample No.: CCVIS 460-334211/2 Date Analyzed: 11/09/2015 22:03

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): B89756.D Heated Purge: (Y/N) N

Calibration ID: 53039

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		20937	5.72	486625	8.49	294947	10.57
UPPER LIMIT		41874	6.22	973250	8.99	589894	11.07
LOWER LIMIT		10469	5.22	243313	7.99	147474	10.07
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-334211/3		22135	5.72	394536	8.49	238708	10.57
LCSD 460-334211/5		27822	5.72	448729	8.49	274823	10.57
MB 460-334211/7		22056	5.73	433402	8.49	269056	10.57
460-104194-11	PMP-15-NW2-WT	17742	5.73	439903	8.50	294896	10.57
460-104194-15	PMP-19-NW2-WT	17083	5.76	441259	8.50	280766	10.57

DXE = 1,4-Dioxane-d8
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Sample No.: CCVIS 460-334504/3 Date Analyzed: 11/10/2015 21:39

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): B89813.D Heated Purge: (Y/N) N

Calibration ID: 53039

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		159012	2.62	189970	3.70	515252	4.90
UPPER LIMIT		318024	3.12	379940	4.20	1030504	5.40
LOWER LIMIT		79506	2.12	94985	3.20	257626	4.40
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-334504/4		169343	2.62	196490	3.70	534656	4.91
LCSD 460-334504/5		162084	2.62	196481	3.70	515253	4.90
MB 460-334504/8		163672	2.62	194939	3.69	544127	4.90
460-104194-21	PMP-27_NW2_WT	157512	2.62	188505	3.69	508832	4.90

TBA = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Sample No.: CCVIS 460-334504/3 Date Analyzed: 11/10/2015 21:39

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): B89813.D Heated Purge: (Y/N) N

Calibration ID: 53039

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		19554	5.74	458495	8.51	288584	10.59
UPPER LIMIT		39108	6.24	916990	9.01	577168	11.09
LOWER LIMIT		9777	5.24	229248	8.01	144292	10.09
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-334504/4		18598	5.76	465321	8.51	289042	10.59
LCSD 460-334504/5		19599	5.75	449962	8.51	277598	10.59
MB 460-334504/8		17389	5.75	456788	8.51	300028	10.59
460-104194-21	PMP-27_NW2_WT	17382	5.78	435762	8.51	295430	10.59

DXE = 1,4-Dioxane-d8
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Sample No.: CCVIS 460-334455/3 Date Analyzed: 11/10/2015 20:40

Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): C05506.D Heated Purge: (Y/N) N

Calibration ID: 53030

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		322395	3.23	275201	4.42	401481	5.67
UPPER LIMIT		644790	3.73	550402	4.92	802962	6.17
LOWER LIMIT		161198	2.73	137601	3.92	200741	5.17
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-334455/4		331941	3.23	282611	4.42	414204	5.67
MB 460-334455/7		372645	3.23	304329	4.42	421930	5.67
460-104194-23	FB-20151106	380683	3.23	304533	4.42	409196	5.67
460-104036-B-1 MS		378080	3.23	305702	4.42	377506	5.67
460-104036-B-1 MSD		384223	3.23	309553	4.42	383780	5.67

TBA = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Sample No.: CCVIS 460-334455/3 Date Analyzed: 11/10/2015 20:40

Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): C05506.D Heated Purge: (Y/N) N

Calibration ID: 53030

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		42825	6.45	384132	8.65	217696	10.43
UPPER LIMIT		85650	6.95	768264	9.15	435392	10.93
LOWER LIMIT		21413	5.95	192066	8.15	108848	9.93
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-334455/4		42074	6.45	392911	8.65	226535	10.43
MB 460-334455/7		46415	6.45	410215	8.65	235052	10.43
460-104194-23	FB-20151106	47861	6.45	395674	8.65	225234	10.43
460-104036-B-1 MS		45284	6.45	368789	8.65	220723	10.43
460-104036-B-1 MSD		48576	6.45	382123	8.65	232235	10.43

DXE = 1,4-Dioxane-d8
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Sample No.: CCVIS 460-334208/2 Date Analyzed: 11/10/2015 00:13

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D16315.D Heated Purge: (Y/N) Y

Calibration ID: 53151

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		291073	3.64	257395	4.94	428194	6.28
UPPER LIMIT		582146	4.14	514790	5.44	856388	6.78
LOWER LIMIT		145537	3.14	128698	4.44	214097	5.78
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-334208/3		303938	3.64	276410	4.95	466268	6.28
LCSD 460-334208/4		293808	3.64	260346	4.94	425609	6.28
MB 460-334208/6		232744	3.64	199899	4.95	356691	6.28
460-104194-1	PRA-25S_1.75	285209	3.65	245380	4.95	386919	6.29
460-104194-2	PRA-25S-3.75	313032	3.65	269194	4.95	408331	6.29
460-104194-3	PRA-25S 8.25	350804	3.65	301000	4.95	408336	6.29
460-104194-4	PRA-25S 11.25	309479	3.64	261547	4.95	390595	6.29
460-104194-5	PRA-23 NW	320414	3.64	277608	4.95	403299	6.29
460-104194-6	PRA-18 S	338905	3.65	298382	4.95	426027	6.29
460-104194-7	PRA-10 W	347447	3.65	297805	4.95	414129	6.29
460-104194-8	PRA-18-SE	299844	3.64	250142	4.94	362970	6.29
460-104194-9	PRA-18-NE	317953	3.63	263416	4.94	395052	6.28
460-104194-10	PRA-20-N	304310	3.64	268616	4.94	401211	6.29
460-104194-12	PMP-16-NW2-WT	287719	3.64	265814	4.94	387761	6.29

TBA = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Sample No.: CCVIS 460-334208/2 Date Analyzed: 11/10/2015 00:13

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D16315.D Heated Purge: (Y/N) Y

Calibration ID: 53151

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		21284	7.12	346719	9.33	195279	11.09
UPPER LIMIT		42568	7.62	693438	9.83	390558	11.59
LOWER LIMIT		10642	6.62	173360	8.83	97640	10.59
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-334208/3		22528	7.13	380970	9.33	215999	11.09
LCSD 460-334208/4		21573	7.13	342094	9.33	194259	11.09
MB 460-334208/6		16230	7.13	289349	9.33	168912	11.09
460-104194-1	PRA-25S_1.75	19357	7.13	309548	9.33	179999	11.09
460-104194-2	PRA-25S-3.75	21439	7.13	337217	9.33	197529	11.09
460-104194-3	PRA-25S 8.25	22333	7.13	340292	9.33	201708	11.09
460-104194-4	PRA-25S 11.25	21840	7.12	332572	9.33	202934	11.09
460-104194-5	PRA-23 NW	19991	7.13	341250	9.33	199030	11.09
460-104194-6	PRA-18 S	20872	7.13	364905	9.33	214089	11.09
460-104194-7	PRA-10 W	22895	7.12	355815	9.33	209933	11.09
460-104194-8	PRA-18-SE	21507	7.13	305235	9.33	177801	11.09
460-104194-9	PRA-18-NE	22833	7.12	332212	9.33	196592	11.09
460-104194-10	PRA-20-N	20641	7.12	336024	9.33	191033	11.09
460-104194-12	PMP-16-NW2-WT	21755	7.12	303918	9.33	143552	11.09

DXE = 1,4-Dioxane-d8
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Sample No.: CCVIS 460-334289/3 Date Analyzed: 11/10/2015 10:37

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D16339.D Heated Purge: (Y/N) Y

Calibration ID: 53151

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		279570	3.64	247452	4.94	412140	6.28
UPPER LIMIT		559140	4.14	494904	5.44	824280	6.78
LOWER LIMIT		139785	3.14	123726	4.44	206070	5.78
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-334289/4		290960	3.64	254009	4.94	408861	6.28
LCSD 460-334289/5		294323	3.65	258938	4.95	422306	6.29
MB 460-334289/7		293680	3.64	258057	4.94	411328	6.28
460-104194-24	Trip Blank	253073	3.64	230019	4.95	378649	6.29
460-104194-20	DUP-2015_11_06_01	297594	3.64	255436	4.94	366301	6.28
460-104194-22	PMP-28_NW2_WT	311886	3.64	272458	4.94	374997	6.28

TBA = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Sample No.: CCVIS 460-334289/3 Date Analyzed: 11/10/2015 10:37

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D16339.D Heated Purge: (Y/N) Y

Calibration ID: 53151

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		20738	7.11	349145	9.33	197761	11.09
UPPER LIMIT		41476	7.61	698290	9.83	395522	11.59
LOWER LIMIT		10369	6.61	174573	8.83	98881	10.59
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-334289/4		21534	7.12	346732	9.33	193815	11.09
LCSD 460-334289/5		21290	7.13	362041	9.33	206606	11.09
MB 460-334289/7		21878	7.12	350001	9.33	201790	11.09
460-104194-24	Trip Blank	15814	7.13	338662	9.33	200857	11.09
460-104194-20	DUP-2015_11_06_01	19893	7.13	329944	9.33	199040	11.09
460-104194-22	PMP-28_NW2_WT	18747	7.12	354621	9.33	217389	11.09

DXE = 1,4-Dioxane-d8
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S_1.75 | Lab Sample ID: 460-104194-1

Matrix: Solid | Lab File ID: D16324.D

Analysis Method: 8260C | Date Collected: 11/06/2015 12:45

Sample wt/vol: 4.816(g) | Date Analyzed: 11/10/2015 04:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.8 | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.42	U	1.1	0.42
74-83-9	Bromomethane	0.36	U	1.1	0.36
75-01-4	Vinyl chloride	0.43	U	1.1	0.43
75-00-3	Chloroethane	0.39	U	1.1	0.39
75-09-2	Methylene Chloride	1.4		1.1	0.36
67-64-1	Acetone	10		5.6	1.2
75-15-0	Carbon disulfide	0.48	U	1.1	0.48
75-69-4	Trichlorofluoromethane	0.38	U	1.1	0.38
75-35-4	1,1-Dichloroethene	0.46	U	1.1	0.46
75-34-3	1,1-Dichloroethane	0.38	U	1.1	0.38
156-60-5	trans-1,2-Dichloroethene	0.43	U	1.1	0.43
156-59-2	cis-1,2-Dichloroethene	0.25	U	1.1	0.25
67-66-3	Chloroform	0.23	U	1.1	0.23
78-93-3	2-Butanone	0.86	U	5.6	0.86
107-06-2	1,2-Dichloroethane	0.12	U	1.1	0.12
71-55-6	1,1,1-Trichloroethane	0.42	U	1.1	0.42
56-23-5	Carbon tetrachloride	0.48	U	1.1	0.48
71-43-2	Benzene	0.22	U	1.1	0.22
75-25-2	Bromoform	0.14	U	1.1	0.14
100-42-5	Styrene	0.17	U	1.1	0.17
100-41-4	Ethylbenzene	0.20	U	1.1	0.20
108-90-7	Chlorobenzene	0.16	U	1.1	0.16
110-82-7	Cyclohexane	0.51	U	1.1	0.51
98-82-8	Isopropylbenzene	0.19	U	1.1	0.19
591-78-6	2-Hexanone	1.0	U	5.6	1.0
1634-04-4	MTBE	0.19	U	1.1	0.19
76-13-1	Freon TF	0.49	U	1.1	0.49
79-20-9	Methyl acetate	1.6	J	5.6	1.0
123-91-1	1,4-Dioxane	7.1	U	22	7.1
79-01-6	Trichloroethene	0.29	U	1.1	0.29
108-88-3	Toluene	0.21	U	1.1	0.21
10061-02-6	trans-1,3-Dichloropropene	0.11	U	1.1	0.11
108-10-1	4-Methyl-2-pentanone	2.5	U	5.6	2.5
10061-01-5	cis-1,3-Dichloropropene	0.17	U	1.1	0.17
95-50-1	1,2-Dichlorobenzene	0.16	U	1.1	0.16
541-73-1	1,3-Dichlorobenzene	0.13	U	1.1	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S_1.75 | Lab Sample ID: 460-104194-1

Matrix: Solid | Lab File ID: D16324.D

Analysis Method: 8260C | Date Collected: 11/06/2015 12:45

Sample wt/vol: 4.816(g) | Date Analyzed: 11/10/2015 04:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.8 | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.14	U	1.1	0.14
120-82-1	1,2,4-Trichlorobenzene	0.36	U	1.1	0.36
87-61-6	1,2,3-Trichlorobenzene	0.12	U	1.1	0.12
78-87-5	1,2-Dichloropropane	0.19	U	1.1	0.19
108-87-2	Methylcyclohexane	0.56	U	1.1	0.56
127-18-4	Tetrachloroethene	0.31	U	1.1	0.31
1330-20-7	Xylenes, Total	0.12	U	2.2	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	0.52	U	1.1	0.52
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.1	0.19
79-00-5	1,1,2-Trichloroethane	0.31	U	1.1	0.31
124-48-1	Dibromochloromethane	0.17	U	1.1	0.17
106-93-4	1,2-Dibromoethane	0.13	U	1.1	0.13
75-71-8	Dichlorodifluoromethane	0.36	U	1.1	0.36
74-97-5	Bromochloromethane	0.19	U	1.1	0.19
75-27-4	Bromodichloromethane	0.42	U	1.1	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		78-135
2037-26-5	Toluene-d8 (Surr)	101		73-121
460-00-4	Bromofluorobenzene	107		67-126
1868-53-7	Dibromofluoromethane (Surr)	108		61-149

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S_1.75 Lab Sample ID: 460-104194-1

Matrix: Solid Lab File ID: D16324.D

Analysis Method: 8260C Date Collected: 11/06/2015 12:45

Sample wt/vol: 4.816(g) Date Analyzed: 11/10/2015 04:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.8 Level: (low/med) Low

Analysis Batch No.: 334208 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16324.D
Lims ID: 460-104194-B-1-A Lab Sample ID: 460-104194-1
Client ID: PRA-25S_1.75
Sample Type: Client
Inject. Date: 10-Nov-2015 04:07:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104194-B-1-A
Misc. Info.: 460-0034014-011
Operator ID: Instrument ID: CVOAMS4

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Nov-2015 12:29:43 Calib Date: 05-Nov-2015 02:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK027

First Level Reviewer: martineze Date: 10-Nov-2015 12:21:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
18 Acetone	43	3.205	3.193	0.012	86	11370	8.95	
24 Methyl acetate	43	3.503	3.491	0.012	98	3181	1.40	
26 Methylene Chloride	84	3.631	3.625	0.006	97	4556	1.29	
* 27 TBA-d9 (IS)	65	3.650	3.644	0.006	89	285209	1000.0	
* 38 2-Butanone-d5	46	4.948	4.948	0.000	96	245380	250.0	
$ 51 Dibromofluoromethane (Surr	113	5.527	5.528	-0.001	97	109087	54.1	
$ 56 1,2-Dichloroethane-d4 (Sur	102	5.954	5.954	0.000	98	23439	53.5	
* 62 Fluorobenzene	96	6.289	6.283	0.006	99	386919	50.0	
* 68 1,4-Dioxane-d8	96	7.125	7.125	0.000	26	19357	1000.0	
$ 79 Toluene-d8 (Surr)	98	8.027	8.027	0.000	99	375476	50.4	
* 90 Chlorobenzene-d5	117	9.331	9.326	0.005	87	309548	50.0	
$ 101 4-Bromofluorobenzene	174	10.258	10.252	0.006	97	133817	53.6	
* 117 1,4-Dichlorobenzene-d4	152	11.093	11.094	-0.001	95	179999	50.0	

Reagents:

8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

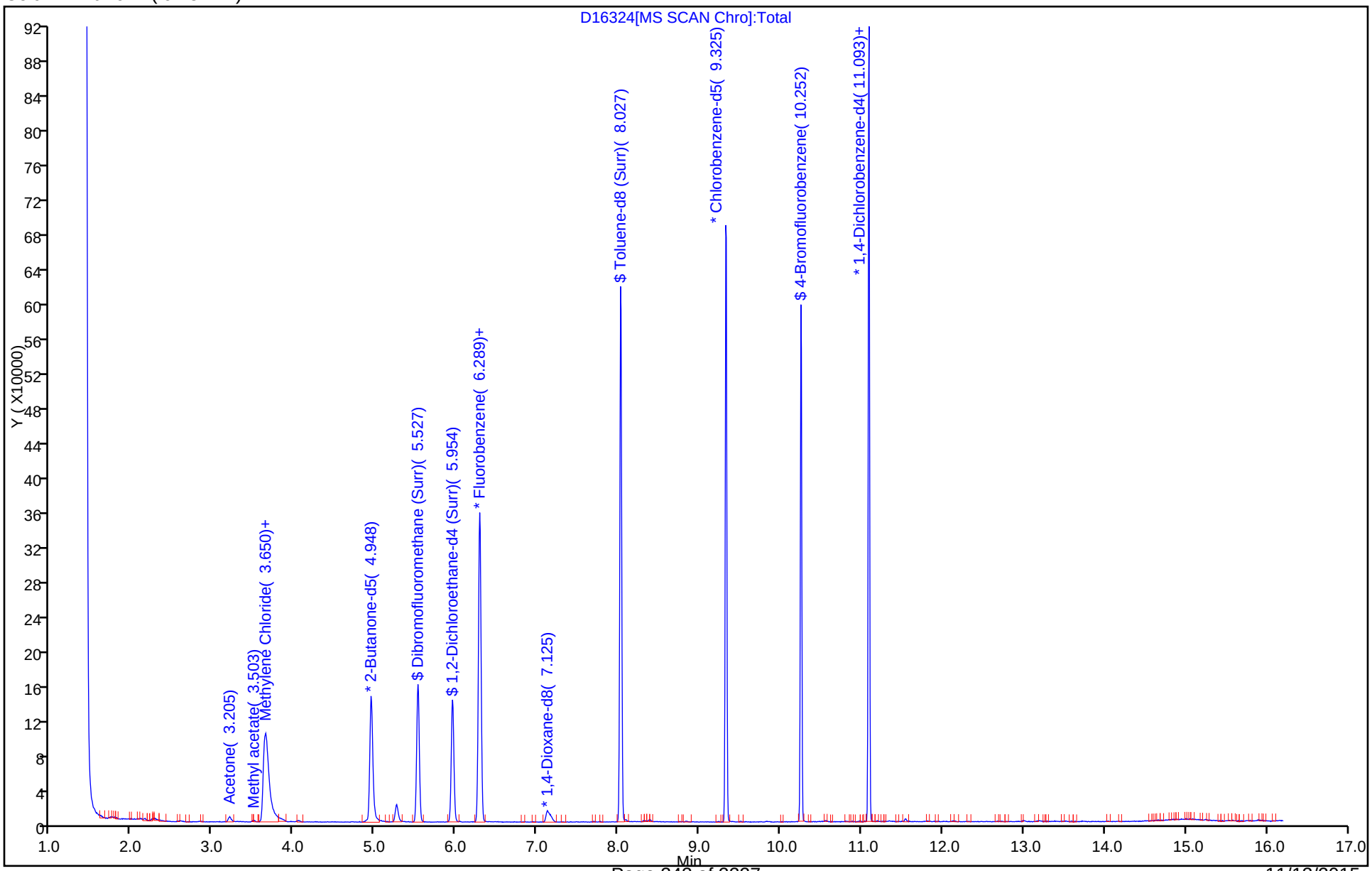
Report Date: 10-Nov-2015 12:43:32 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16324.D

Injection Date:	10-Nov-2015 04:07:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-104194-B-1-A	Lab Sample ID:	460-104194-1	Worklist Smp#:	11
Client ID:	PRA-25S_1.75				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

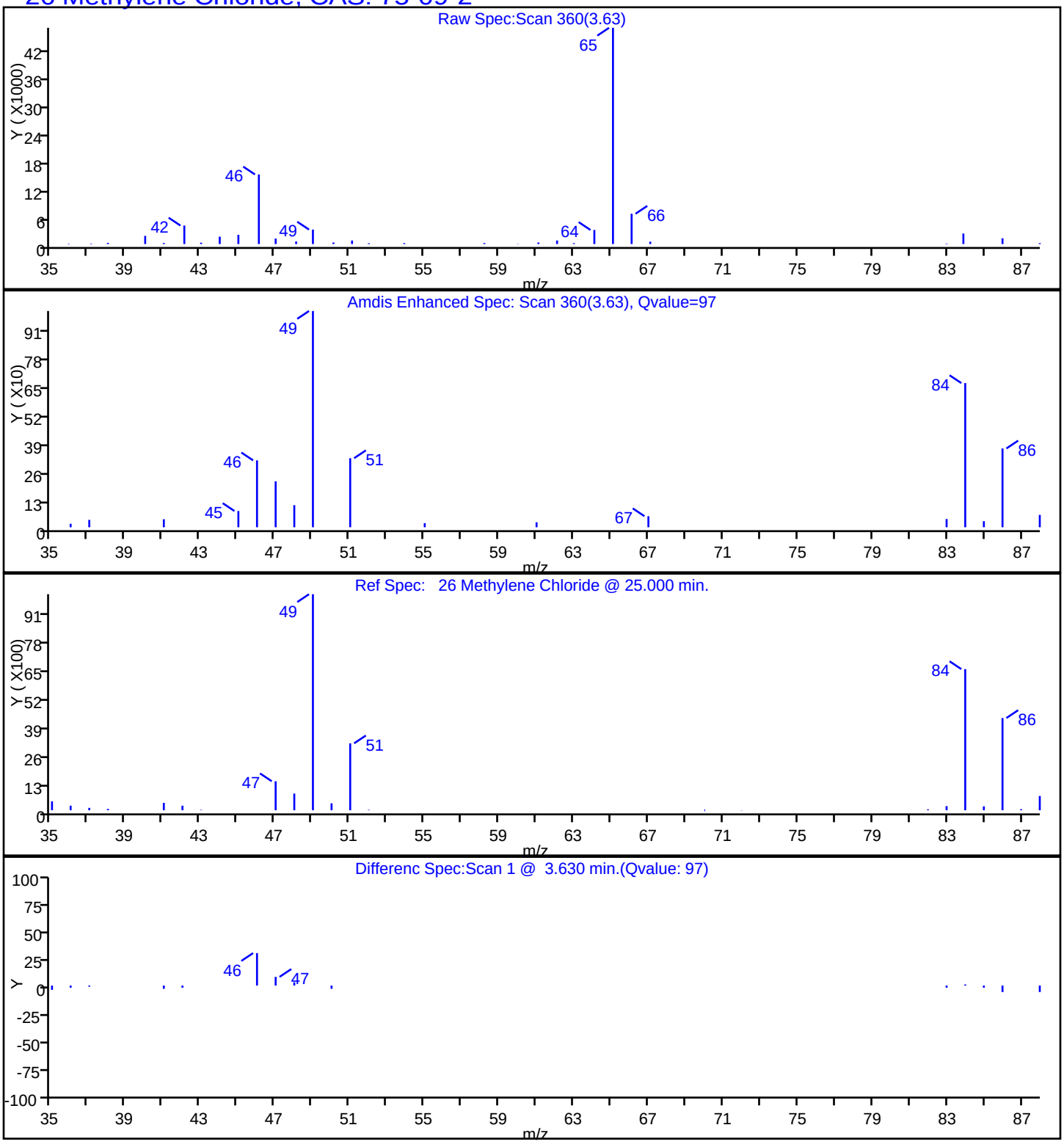
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16324.D		
Injection Date:	10-Nov-2015 04:07:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-1-A	Lab Sample ID:	460-104194-1
Client ID:	PRA-25S_1.75		
Operator ID:		ALS Bottle#:	10 Worklist Smp#: 11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

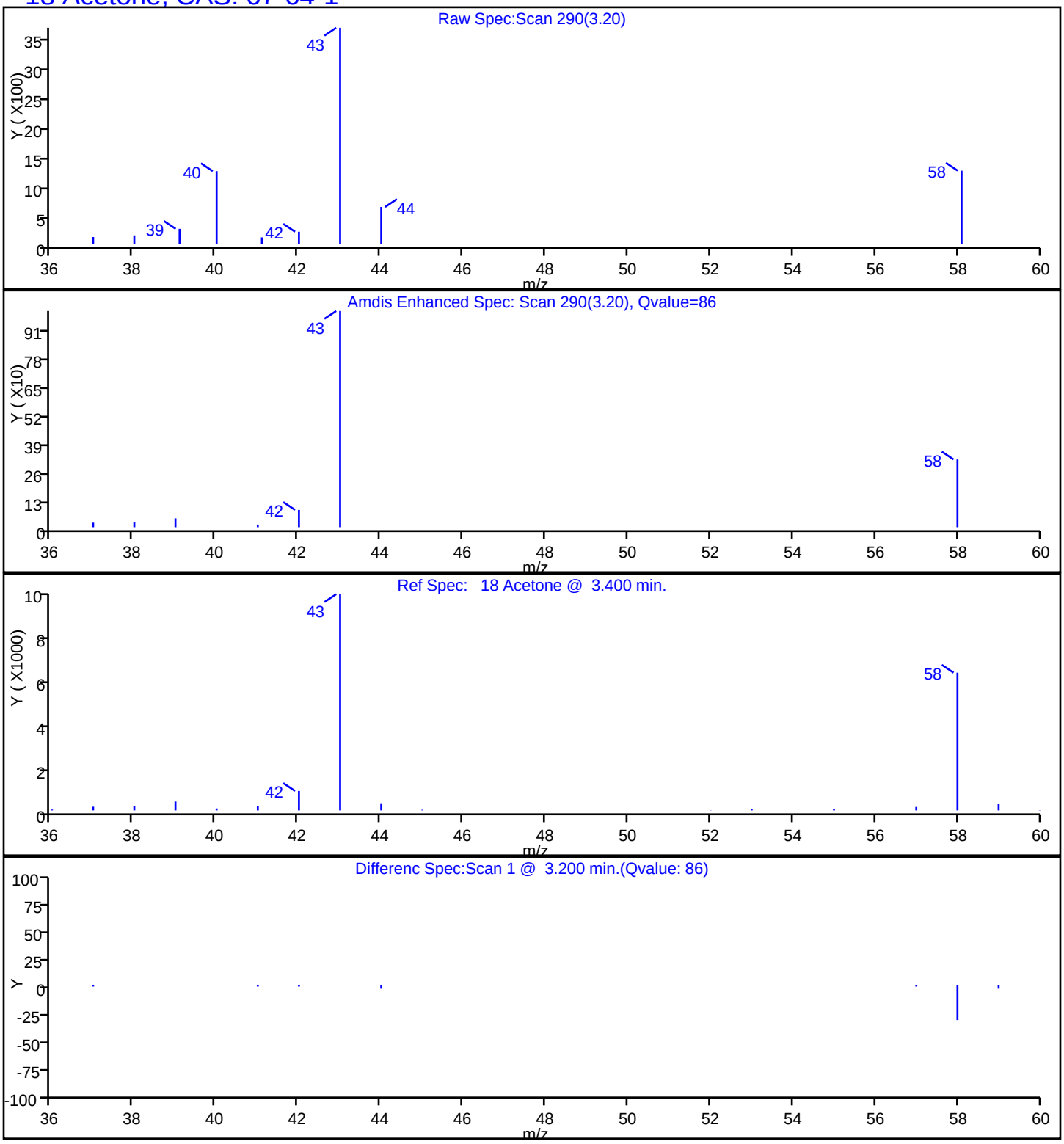
26 Methylene Chloride, CAS: 75-09-2



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16324.D		
Injection Date:	10-Nov-2015 04:07:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-1-A	Lab Sample ID:	460-104194-1
Client ID:	PRA-25S_1.75		
Operator ID:		ALS Bottle#:	10 Worklist Smp#: 11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

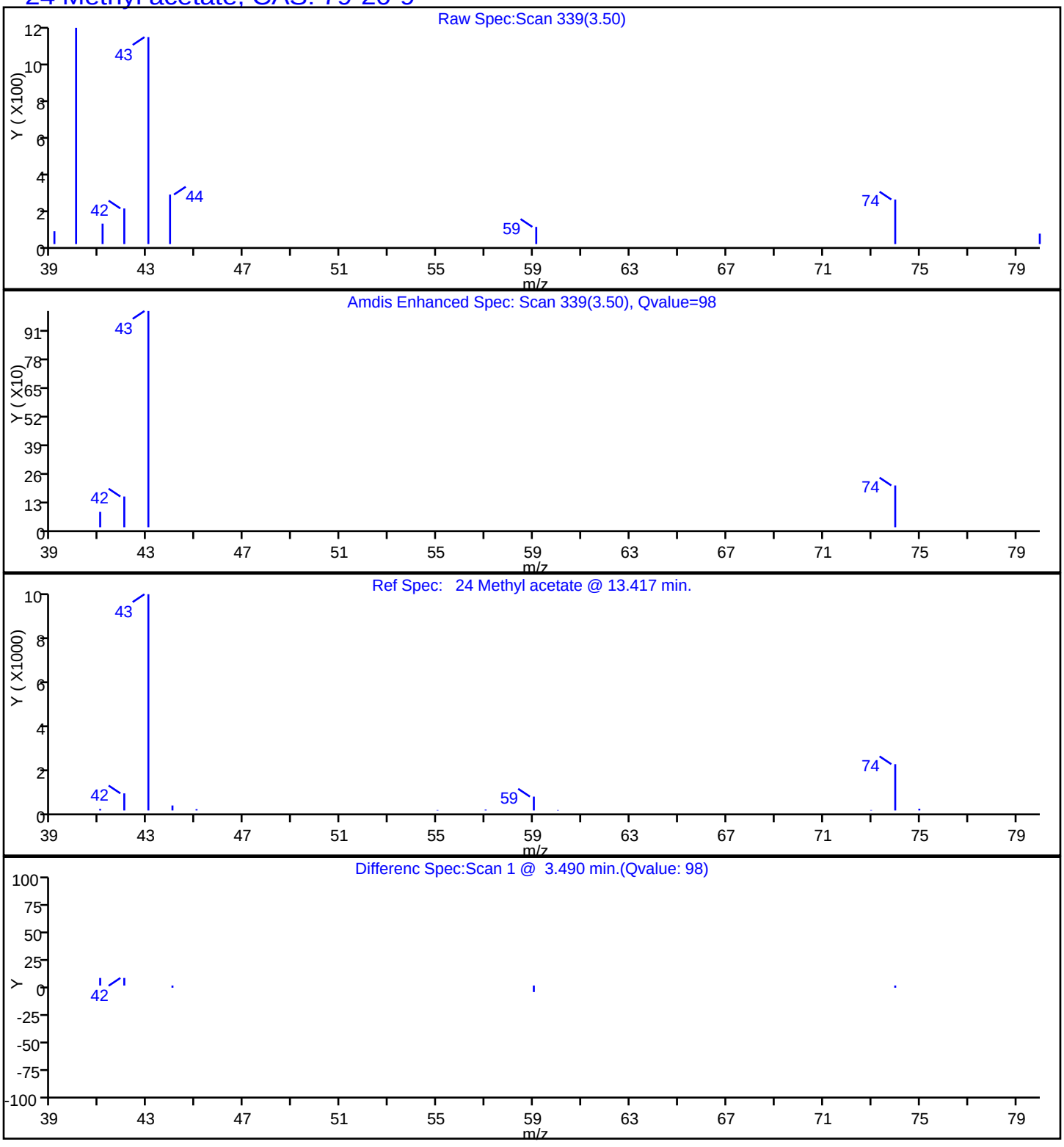
18 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16324.D
Injection Date: 10-Nov-2015 04:07:30 Instrument ID: CVOAMS4
Lims ID: 460-104194-B-1-A Lab Sample ID: 460-104194-1
Client ID: PRA-25S_1.75
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Methyl acetate, CAS: 79-20-9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S-3.75 | Lab Sample ID: 460-104194-2

Matrix: Solid | Lab File ID: D16325.D

Analysis Method: 8260C | Date Collected: 11/06/2015 12:47

Sample wt/vol: 5.025(g) | Date Analyzed: 11/10/2015 04:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.1 | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.40	U	1.0	0.40
74-83-9	Bromomethane	0.34	U	1.0	0.34
75-01-4	Vinyl chloride	0.41	U	1.0	0.41
75-00-3	Chloroethane	0.37	U	1.0	0.37
75-09-2	Methylene Chloride	0.34	U	1.0	0.34
67-64-1	Acetone	1.1	U	5.2	1.1
75-15-0	Carbon disulfide	0.45	U	1.0	0.45
75-69-4	Trichlorofluoromethane	0.36	U	1.0	0.36
75-35-4	1,1-Dichloroethene	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.36	U	1.0	0.36
156-60-5	trans-1,2-Dichloroethene	0.41	U	1.0	0.41
156-59-2	cis-1,2-Dichloroethene	0.23	U	1.0	0.23
67-66-3	Chloroform	0.22	U	1.0	0.22
78-93-3	2-Butanone	0.81	U	5.2	0.81
107-06-2	1,2-Dichloroethane	0.12	U	1.0	0.12
71-55-6	1,1,1-Trichloroethane	0.40	U	1.0	0.40
56-23-5	Carbon tetrachloride	0.45	U	1.0	0.45
71-43-2	Benzene	0.21	U	1.0	0.21
75-25-2	Bromoform	0.14	U	1.0	0.14
100-42-5	Styrene	0.16	U	1.0	0.16
100-41-4	Ethylbenzene	0.19	U	1.0	0.19
108-90-7	Chlorobenzene	0.15	U	1.0	0.15
110-82-7	Cyclohexane	0.48	U	1.0	0.48
98-82-8	Isopropylbenzene	0.18	U	1.0	0.18
591-78-6	2-Hexanone	0.99	U	5.2	0.99
1634-04-4	MTBE	0.18	U	1.0	0.18
76-13-1	Freon TF	0.46	U	1.0	0.46
79-20-9	Methyl acetate	0.94	U	5.2	0.94
123-91-1	1,4-Dioxane	6.7	U	21	6.7
79-01-6	Trichloroethene	0.27	U	1.0	0.27
108-88-3	Toluene	0.20	U	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	2.3	U	5.2	2.3
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
95-50-1	1,2-Dichlorobenzene	0.15	U	1.0	0.15
541-73-1	1,3-Dichlorobenzene	0.13	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S-3.75 | Lab Sample ID: 460-104194-2

Matrix: Solid | Lab File ID: D16325.D

Analysis Method: 8260C | Date Collected: 11/06/2015 12:47

Sample wt/vol: 5.025(g) | Date Analyzed: 11/10/2015 04:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.1 | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.14	U	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	0.12	U	1.0	0.12
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
108-87-2	Methylcyclohexane	0.52	U	1.0	0.52
127-18-4	Tetrachloroethene	0.29	U	1.0	0.29
1330-20-7	Xylenes, Total	0.12	U	2.1	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	0.49	U	1.0	0.49
79-34-5	1,1,2,2-Tetrachloroethane	0.18	U	1.0	0.18
79-00-5	1,1,2-Trichloroethane	0.29	U	1.0	0.29
124-48-1	Dibromochloromethane	0.16	U	1.0	0.16
106-93-4	1,2-Dibromoethane	0.13	U	1.0	0.13
75-71-8	Dichlorodifluoromethane	0.34	U	1.0	0.34
74-97-5	Bromochloromethane	0.18	U	1.0	0.18
75-27-4	Bromodichloromethane	0.40	U	1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		78-135
2037-26-5	Toluene-d8 (Surr)	90		73-121
460-00-4	Bromofluorobenzene	96		67-126
1868-53-7	Dibromofluoromethane (Surr)	103		61-149

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S-3.75 | Lab Sample ID: 460-104194-2

Matrix: Solid | Lab File ID: D16325.D

Analysis Method: 8260C | Date Collected: 11/06/2015 12:47

Sample wt/vol: 5.025(g) | Date Analyzed: 11/10/2015 04:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.1 | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16325.D
Lims ID: 460-104194-B-2-A Lab Sample ID: 460-104194-2
Client ID: PRA-25S-3.75
Sample Type: Client
Inject. Date: 10-Nov-2015 04:32:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104194-B-2-A
Misc. Info.: 460-0034014-012
Operator ID: Instrument ID: CVOAMS4

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Nov-2015 12:22:27 Calib Date: 05-Nov-2015 02:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK027

First Level Reviewer: martineze Date: 10-Nov-2015 12:22:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	3.650	3.644	0.006	89	313032	1000.0	
* 38 2-Butanone-d5	46	4.948	4.948	0.000	96	269194	250.0	
$ 51 Dibromofluoromethane (Surr	113	5.521	5.528	-0.007	97	109541	51.4	
$ 56 1,2-Dichloroethane-d4 (Sur	102	5.954	5.954	0.000	97	23530	50.9	
* 62 Fluorobenzene	96	6.289	6.283	0.006	98	408331	50.0	
* 68 1,4-Dioxane-d8	96	7.125	7.125	0.000	30	21439	1000.0	
$ 79 Toluene-d8 (Surr)	98	8.027	8.027	0.000	99	367213	45.2	
* 90 Chlorobenzene-d5	117	9.325	9.326	-0.001	87	337217	50.0	
$ 101 4-Bromofluorobenzene	174	10.252	10.252	0.000	93	131729	48.0	
* 117 1,4-Dichlorobenzene-d4	152	11.093	11.094	-0.001	96	197529	50.0	

Reagents:

8260SURR250_00098 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

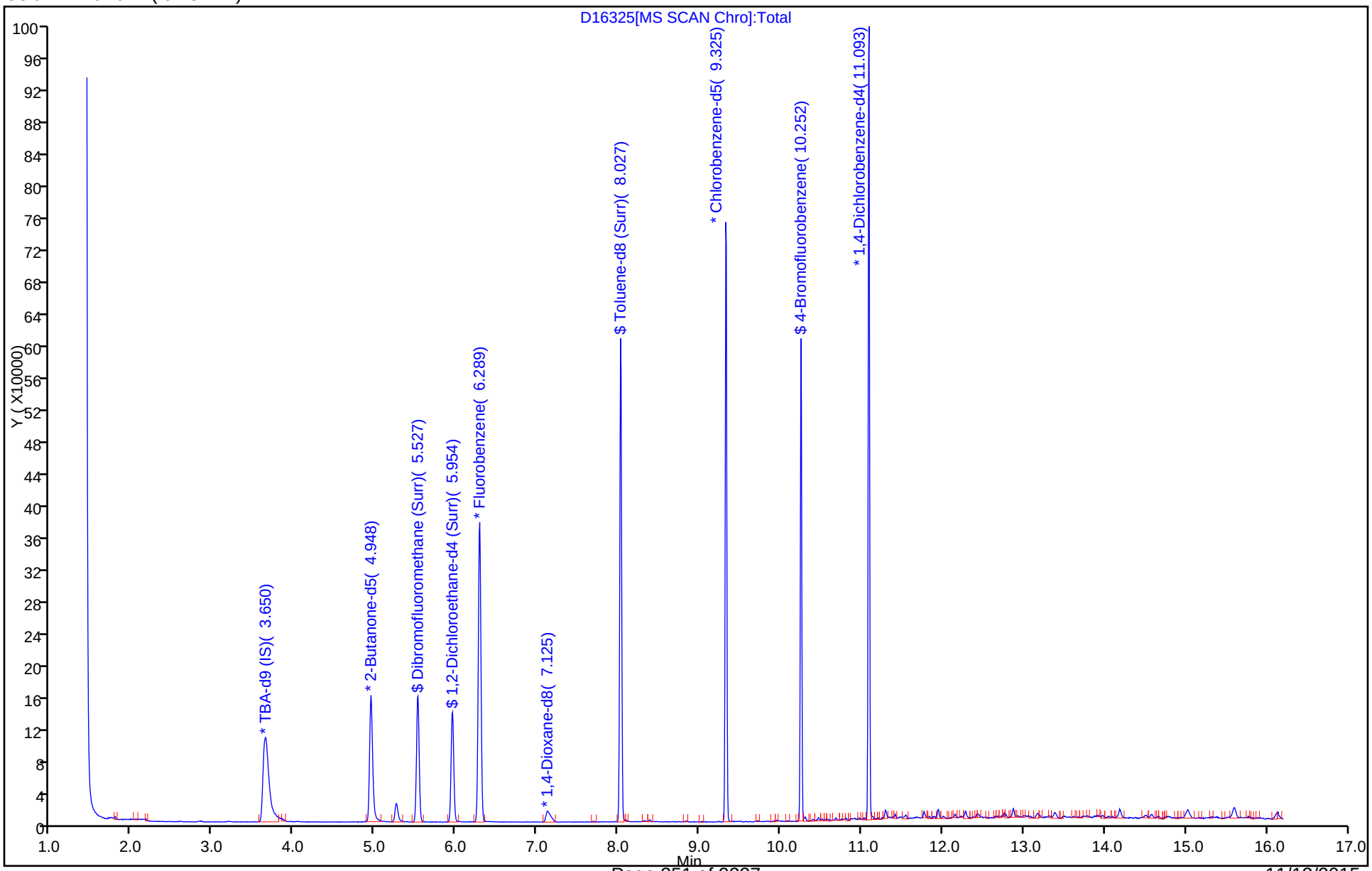
Report Date: 10-Nov-2015 12:22:28 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16325.D

Injection Date:	10-Nov-2015 04:32:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-104194-B-2-A	Lab Sample ID:	460-104194-2	Worklist Smp#:	12
Client ID:	PRA-25S-3.75				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S 8.25 | Lab Sample ID: 460-104194-3

Matrix: Solid | Lab File ID: D16326.D

Analysis Method: 8260C | Date Collected: 11/06/2015 12:49

Sample wt/vol: 5.284(g) | Date Analyzed: 11/10/2015 04:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.3 | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.38	U	0.99	0.38
74-83-9	Bromomethane	0.32	U	0.99	0.32
75-01-4	Vinyl chloride	0.39	U	0.99	0.39
75-00-3	Chloroethane	0.35	U	0.99	0.35
75-09-2	Methylene Chloride	0.32	U	0.99	0.32
67-64-1	Acetone	4.3	J	4.9	1.0
75-15-0	Carbon disulfide	0.43	U	0.99	0.43
75-69-4	Trichlorofluoromethane	0.34	U	0.99	0.34
75-35-4	1,1-Dichloroethene	0.41	U	0.99	0.41
75-34-3	1,1-Dichloroethane	0.34	U	0.99	0.34
156-60-5	trans-1,2-Dichloroethene	0.39	U	0.99	0.39
156-59-2	cis-1,2-Dichloroethene	0.22	U	0.99	0.22
67-66-3	Chloroform	0.21	U	0.99	0.21
78-93-3	2-Butanone	0.76	U	4.9	0.76
107-06-2	1,2-Dichloroethane	0.11	U	0.99	0.11
71-55-6	1,1,1-Trichloroethane	0.38	U	0.99	0.38
56-23-5	Carbon tetrachloride	0.43	U	0.99	0.43
71-43-2	Benzene	0.20	U	0.99	0.20
75-25-2	Bromoform	0.13	U	0.99	0.13
100-42-5	Styrene	0.15	U	0.99	0.15
100-41-4	Ethylbenzene	0.18	U	0.99	0.18
108-90-7	Chlorobenzene	0.14	U	0.99	0.14
110-82-7	Cyclohexane	0.45	U	0.99	0.45
98-82-8	Isopropylbenzene	0.17	U	0.99	0.17
591-78-6	2-Hexanone	0.93	U	4.9	0.93
1634-04-4	MTBE	0.17	U	0.99	0.17
76-13-1	Freon TF	0.43	U	0.99	0.43
79-20-9	Methyl acetate	0.89	U	4.9	0.89
123-91-1	1,4-Dioxane	6.3	U	20	6.3
79-01-6	Trichloroethene	0.26	U	0.99	0.26
108-88-3	Toluene	0.19	U	0.99	0.19
10061-02-6	trans-1,3-Dichloropropene	0.099	U	0.99	0.099
108-10-1	4-Methyl-2-pentanone	2.2	U	4.9	2.2
10061-01-5	cis-1,3-Dichloropropene	0.15	U	0.99	0.15
95-50-1	1,2-Dichlorobenzene	0.14	U	0.99	0.14
541-73-1	1,3-Dichlorobenzene	0.12	U	0.99	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S 8.25 | Lab Sample ID: 460-104194-3

Matrix: Solid | Lab File ID: D16326.D

Analysis Method: 8260C | Date Collected: 11/06/2015 12:49

Sample wt/vol: 5.284(g) | Date Analyzed: 11/10/2015 04:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.3 | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.13	U	0.99	0.13
120-82-1	1,2,4-Trichlorobenzene	0.32	U	0.99	0.32
87-61-6	1,2,3-Trichlorobenzene	0.19	J	0.99	0.11
78-87-5	1,2-Dichloropropane	0.17	U	0.99	0.17
108-87-2	Methylcyclohexane	0.49	U	0.99	0.49
127-18-4	Tetrachloroethene	0.28	U	0.99	0.28
1330-20-7	Xylenes, Total	0.11	U	2.0	0.11
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.99	0.46
79-34-5	1,1,2,2-Tetrachloroethane	0.17	U	0.99	0.17
79-00-5	1,1,2-Trichloroethane	0.28	U	0.99	0.28
124-48-1	Dibromochloromethane	0.15	U	0.99	0.15
106-93-4	1,2-Dibromoethane	0.12	U	0.99	0.12
75-71-8	Dichlorodifluoromethane	0.32	U	0.99	0.32
74-97-5	Bromochloromethane	0.17	U	0.99	0.17
75-27-4	Bromodichloromethane	0.38	U	0.99	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	125		78-135
2037-26-5	Toluene-d8 (Surr)	107		73-121
460-00-4	Bromofluorobenzene	113		67-126
1868-53-7	Dibromofluoromethane (Surr)	121		61-149

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S 8.25 Lab Sample ID: 460-104194-3

Matrix: Solid Lab File ID: D16326.D

Analysis Method: 8260C Date Collected: 11/06/2015 12:49

Sample wt/vol: 5.284(g) Date Analyzed: 11/10/2015 04:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.3 Level: (low/med) Low

Analysis Batch No.: 334208 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16326.D
Lims ID: 460-104194-B-3-A Lab Sample ID: 460-104194-3
Client ID: PRA-25S 8.25
Sample Type: Client
Inject. Date: 10-Nov-2015 04:56:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104194-B-3-A
Misc. Info.: 460-0034014-013
Operator ID: Instrument ID: CVOAMS4

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Nov-2015 12:23:01 Calib Date: 05-Nov-2015 02:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK027

First Level Reviewer: martineze Date: 10-Nov-2015 12:23:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
18 Acetone	43	3.199	3.193	0.006	87	8628	4.32	
* 27 TBA-d9 (IS)	65	3.650	3.644	0.006	89	350804	1000.0	
* 38 2-Butanone-d5	46	4.948	4.948	0.000	96	301000	250.0	
$ 51 Dibromofluoromethane (Surr	113	5.528	5.528	0.000	96	129185	60.7	
$ 56 1,2-Dichloroethane-d4 (Sur	102	5.954	5.954	0.000	97	28887	62.5	
* 62 Fluorobenzene	96	6.290	6.283	0.007	98	408336	50.0	
* 68 1,4-Dioxane-d8	96	7.131	7.125	0.006	27	22333	1000.0	
$ 79 Toluene-d8 (Surr)	98	8.027	8.027	0.000	98	439183	53.6	
* 90 Chlorobenzene-d5	117	9.332	9.326	0.006	87	340292	50.0	
$ 101 4-Bromofluorobenzene	174	10.258	10.252	0.006	97	157783	56.4	
* 117 1,4-Dichlorobenzene-d4	152	11.094	11.094	0.000	96	201708	50.0	
130 1,2,3-Trichlorobenzene	180	13.276	13.276	0.000	88	1097	0.1910	

Reagents:

8260SURR250_00098 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

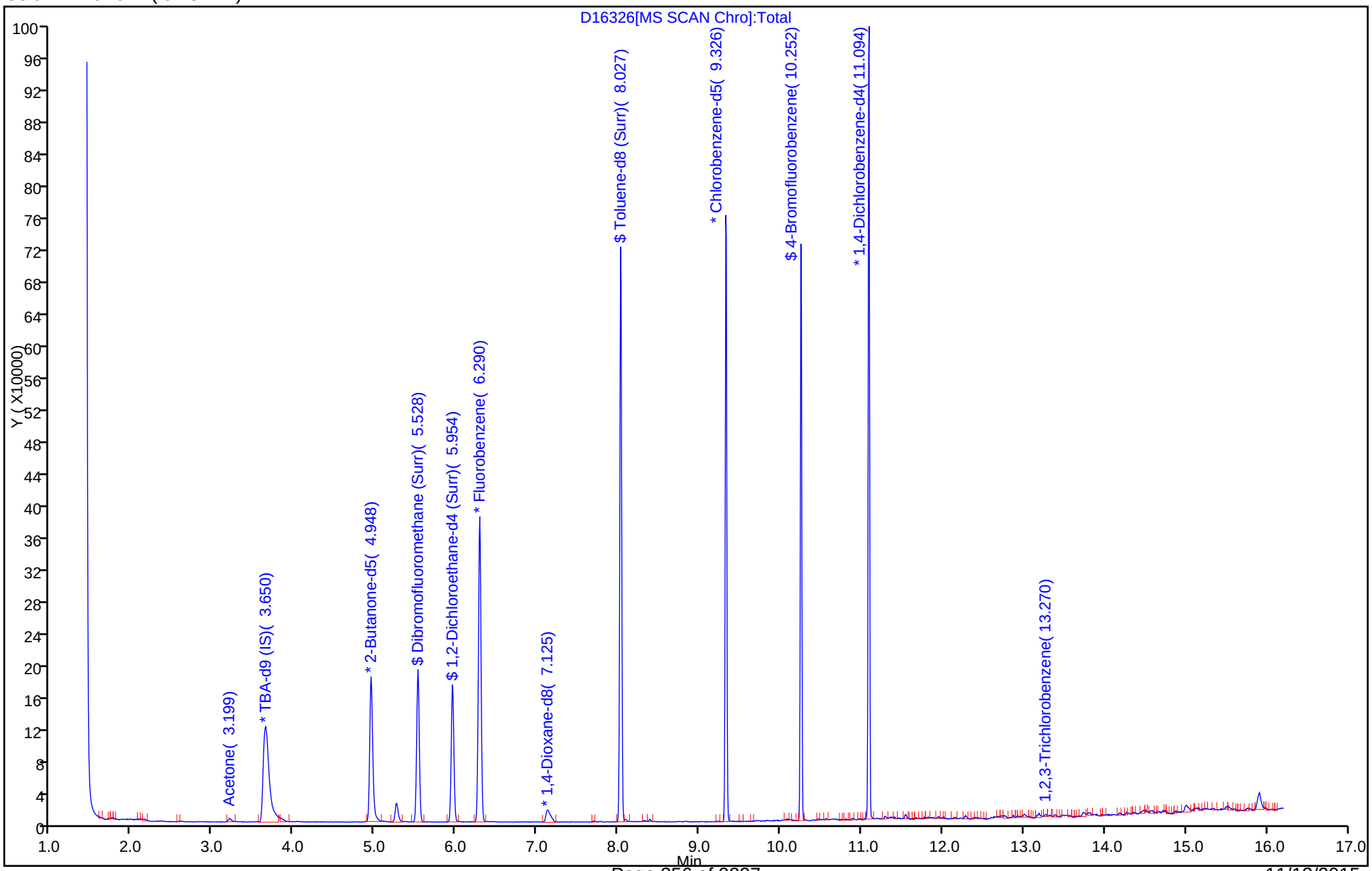
Report Date: 10-Nov-2015 12:23:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16326.D

Injection Date:	10-Nov-2015 04:56:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-104194-B-3-A	Lab Sample ID:	460-104194-3	Worklist Smp#:	13
Client ID:	PRA-25S 8.25				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

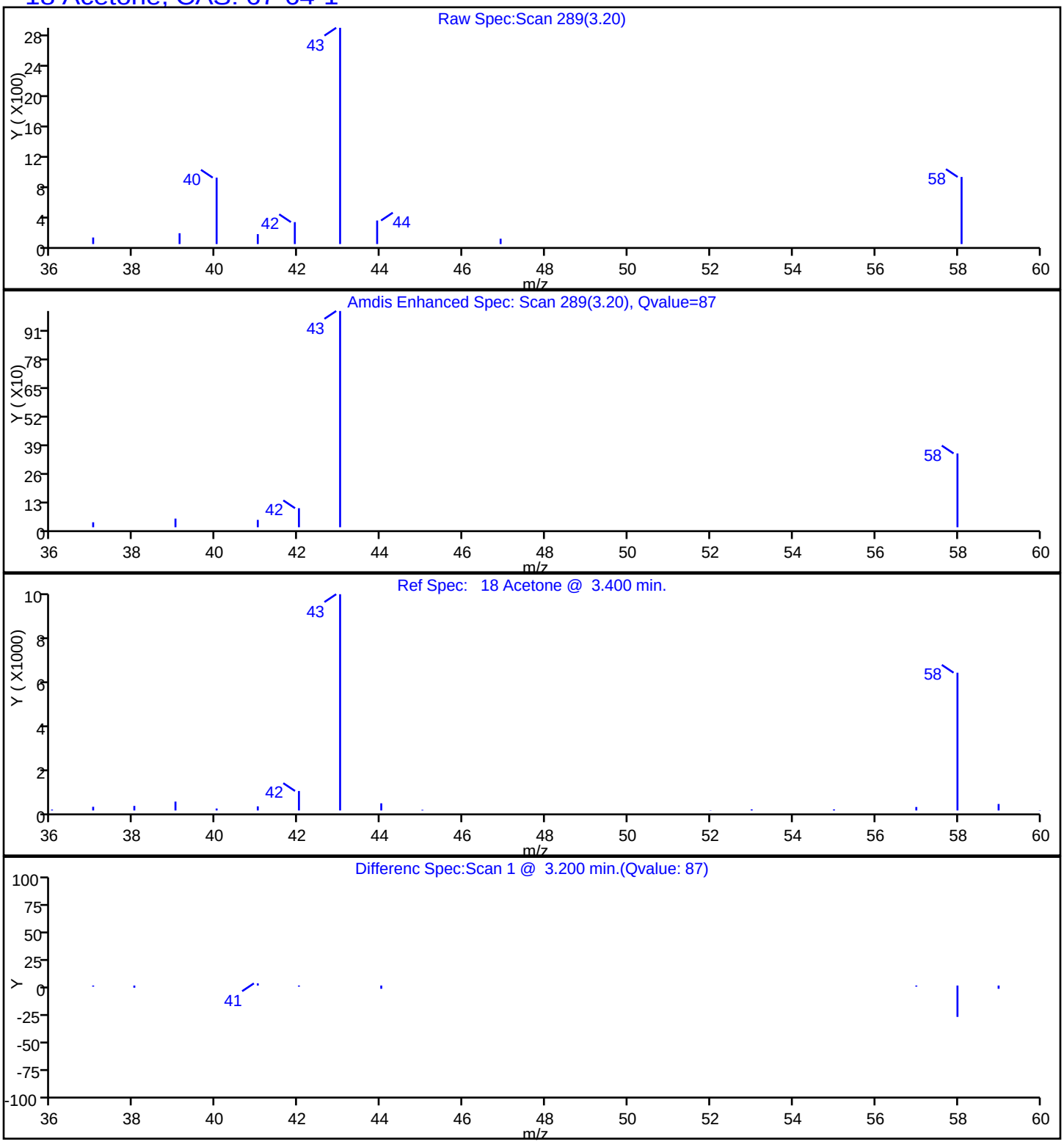
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16326.D		
Injection Date:	10-Nov-2015 04:56:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-3-A	Lab Sample ID:	460-104194-3
Client ID:	PRA-25S 8.25		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

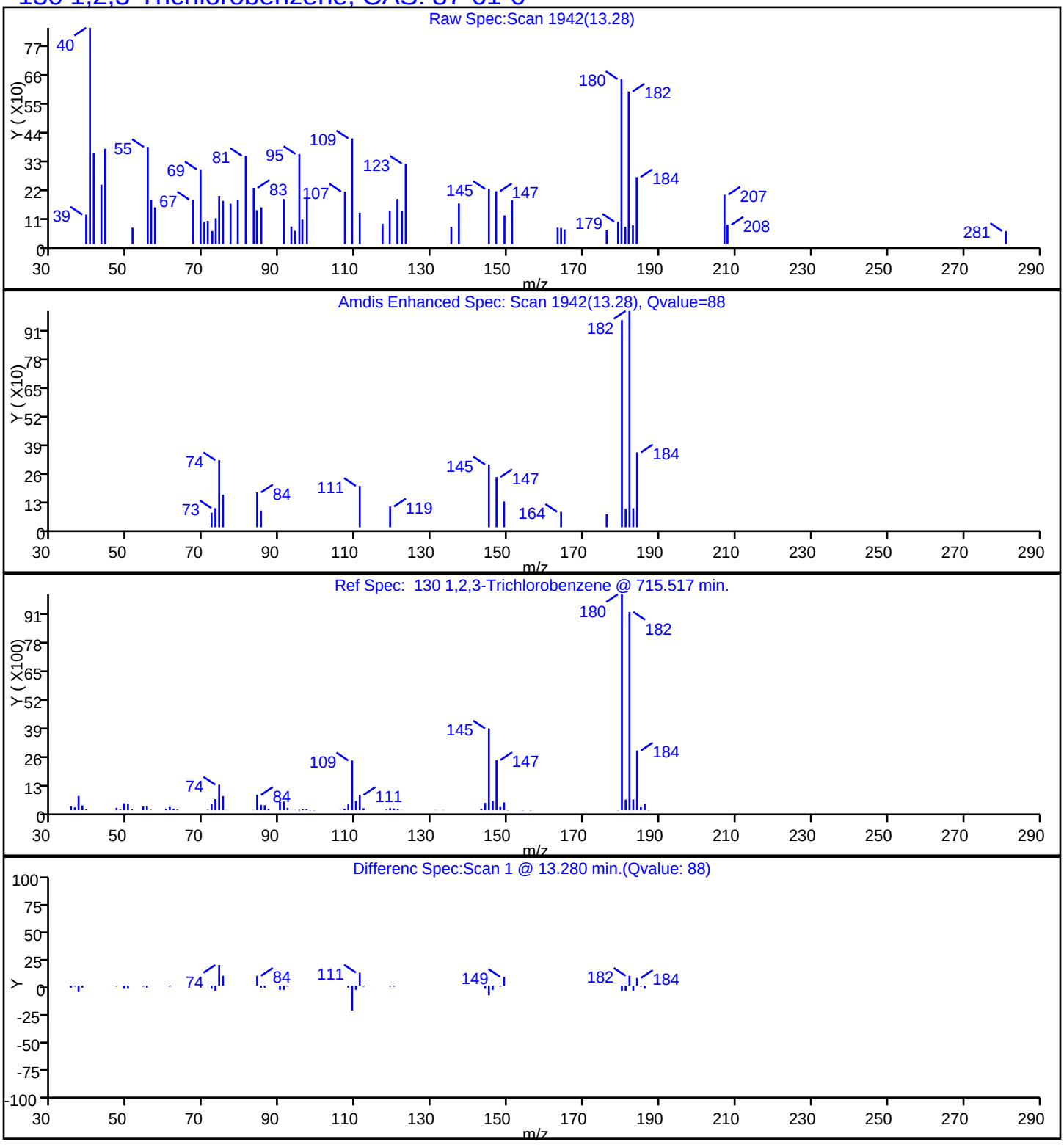
18 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16326.D				
Injection Date:	10-Nov-2015 04:56:30	Instrument ID:	CVOAMS4		
Lims ID:	460-104194-B-3-A	Lab Sample ID:	460-104194-3		
Client ID:	PRA-25S 8.25				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

130 1,2,3-Trichlorobenzene, CAS: 87-61-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S 11.25 | Lab Sample ID: 460-104194-4

Matrix: Solid | Lab File ID: D16327.D

Analysis Method: 8260C | Date Collected: 11/06/2015 12:51

Sample wt/vol: 6.274(g) | Date Analyzed: 11/10/2015 05:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.0 | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.35	U	0.92	0.35
74-83-9	Bromomethane	0.29	U	0.92	0.29
75-01-4	Vinyl chloride	0.36	U	0.92	0.36
75-00-3	Chloroethane	0.32	U	0.92	0.32
75-09-2	Methylene Chloride	0.29	U	0.92	0.29
67-64-1	Acetone	11		4.6	0.97
75-15-0	Carbon disulfide	0.39	U	0.92	0.39
75-69-4	Trichlorofluoromethane	0.31	U	0.92	0.31
75-35-4	1,1-Dichloroethene	0.38	U	0.92	0.38
75-34-3	1,1-Dichloroethane	0.31	U	0.92	0.31
156-60-5	trans-1,2-Dichloroethene	0.36	U	0.92	0.36
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.92	0.20
67-66-3	Chloroform	0.19	U	0.92	0.19
78-93-3	2-Butanone	0.71	U	4.6	0.71
107-06-2	1,2-Dichloroethane	0.10	U	0.92	0.10
71-55-6	1,1,1-Trichloroethane	0.35	U	0.92	0.35
56-23-5	Carbon tetrachloride	0.39	U	0.92	0.39
71-43-2	Benzene	0.18	U	0.92	0.18
75-25-2	Bromoform	0.12	U	0.92	0.12
100-42-5	Styrene	0.14	U	0.92	0.14
100-41-4	Ethylbenzene	0.16	U	0.92	0.16
108-90-7	Chlorobenzene	0.13	U	0.92	0.13
110-82-7	Cyclohexane	0.42	U	0.92	0.42
98-82-8	Isopropylbenzene	0.16	U	0.92	0.16
591-78-6	2-Hexanone	0.86	U	4.6	0.86
1634-04-4	MTBE	0.16	U	0.92	0.16
76-13-1	Freon TF	0.40	U	0.92	0.40
79-20-9	Methyl acetate	0.82	U	4.6	0.82
123-91-1	1,4-Dioxane	5.9	U	18	5.9
79-01-6	Trichloroethene	0.24	U	0.92	0.24
108-88-3	Toluene	0.21	J	0.92	0.17
10061-02-6	trans-1,3-Dichloropropene	0.092	U	0.92	0.092
108-10-1	4-Methyl-2-pentanone	2.0	U	4.6	2.0
10061-01-5	cis-1,3-Dichloropropene	0.14	U	0.92	0.14
95-50-1	1,2-Dichlorobenzene	0.13	U	0.92	0.13
541-73-1	1,3-Dichlorobenzene	0.11	U	0.92	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S 11.25 | Lab Sample ID: 460-104194-4

Matrix: Solid | Lab File ID: D16327.D

Analysis Method: 8260C | Date Collected: 11/06/2015 12:51

Sample wt/vol: 6.274(g) | Date Analyzed: 11/10/2015 05:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.0 | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.12	U	0.92	0.12
120-82-1	1,2,4-Trichlorobenzene	0.29	U	0.92	0.29
87-61-6	1,2,3-Trichlorobenzene	0.10	U	0.92	0.10
78-87-5	1,2-Dichloropropane	0.16	U	0.92	0.16
108-87-2	Methylcyclohexane	0.46	U	0.92	0.46
127-18-4	Tetrachloroethene	0.26	U	0.92	0.26
1330-20-7	Xylenes, Total	0.10	U	1.8	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	0.43	U	0.92	0.43
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	0.92	0.16
79-00-5	1,1,2-Trichloroethane	0.26	U	0.92	0.26
124-48-1	Dibromochloromethane	0.14	U	0.92	0.14
106-93-4	1,2-Dibromoethane	0.11	U	0.92	0.11
75-71-8	Dichlorodifluoromethane	0.29	U	0.92	0.29
74-97-5	Bromochloromethane	0.16	U	0.92	0.16
75-27-4	Bromodichloromethane	0.35	U	0.92	0.35

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		78-135
2037-26-5	Toluene-d8 (Surr)	102		73-121
460-00-4	Bromofluorobenzene	109		67-126
1868-53-7	Dibromofluoromethane (Surr)	118		61-149

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S 11.25 | Lab Sample ID: 460-104194-4

Matrix: Solid | Lab File ID: D16327.D

Analysis Method: 8260C | Date Collected: 11/06/2015 12:51

Sample wt/vol: 6.274(g) | Date Analyzed: 11/10/2015 05:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.0 | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 87

CAS NO.	COMPOUND NAME	RT	RESULT	Q
493-02-7	Naphthalene, decahydro-, trans-	11.30	7.1	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.95	6.4	J N
	Unknown	12.28	8.3	J
	Unknown	12.77	7.1	J
	Unknown	12.87	8.7	J
629-50-5	Tridecane	13.17	6.5	J N
3891-98-3	Dodecane, 2,6,10-trimethyl-	14.19	10	J N
	Unknown	15.03	10	J
112-40-3	Dodecane	15.60	15	J N
	Unknown	16.13	7.9	J

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16327.D
Lims ID: 460-104194-B-4-A Lab Sample ID: 460-104194-4
Client ID: PRA-25S 11.25
Sample Type: Client
Inject. Date: 10-Nov-2015 05:21:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104194-B-4-A
Misc. Info.: 460-0034014-014
Operator ID: Instrument ID: CVOAMS4

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Nov-2015 12:52:00 Calib Date: 05-Nov-2015 02:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: martineze Date: 10-Nov-2015 12:23:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
18 Acetone	43	3.193	3.193	0.000	87	14820	11.7	
* 27 TBA-d9 (IS)	65	3.644	3.644	0.000	89	309479	1000.0	
* 38 2-Butanone-d5	46	4.948	4.948	0.000	96	261547	250.0	
$ 51 Dibromofluoromethane (Surr	113	5.528	5.528	0.000	97	119994	58.9	
$ 56 1,2-Dichloroethane-d4 (Sur	102	5.948	5.954	-0.006	98	25241	57.1	
* 62 Fluorobenzene	96	6.290	6.283	0.007	98	390595	50.0	
* 68 1,4-Dioxane-d8	96	7.119	7.125	-0.006	26	21840	1000.0	
$ 79 Toluene-d8 (Surr)	98	8.027	8.027	0.000	99	406979	50.8	
80 Toluene	91	8.088	8.094	-0.006	92	2957	0.2256	
* 90 Chlorobenzene-d5	117	9.326	9.326	0.000	87	332572	50.0	
$ 101 4-Bromofluorobenzene	174	10.252	10.252	0.000	93	153728	54.6	
* 117 1,4-Dichlorobenzene-d4	152	11.094	11.094	0.000	96	202934	50.0	

Reagents:

8260SURR250_00098 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16327.D
Lims ID: 460-104194-B-4-A Lab Sample ID: 460-104194-4
Client ID: PRA-25S 11.25
Sample Type: Client
Inject. Date: 10-Nov-2015 05:21:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104194-B-4-A
Misc. Info.: 460-0034014-014
Operator ID: Instrument ID: CVOAMS4

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Nov-2015 12:52:00 Calib Date: 05-Nov-2015 02:31:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 85

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: martineze Date: 10-Nov-2015 12:23:56

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
493-02-7	Naphthalene, decahydro-, trans-							
11.295	190477	7.73	117	96	16320	C10H18	138	
2958-76-1	Naphthalene, decahydro-2-methyl-							
11.947	173006	7.02	117	93	24328	C11H20	152	
	Unknown							
12.282	223531	9.08	117					
	Unknown							
12.770	189831	7.71	117					
	Unknown							
12.874	235283	9.55	117					
629-50-5	Tridecane							
13.166	175254	7.12	117	87	45540	C13H28	184	
3891-98-3	Dodecane, 2,6,10-trimethyl-							
14.191	273499	11.1	117	90	64585	C15H32	212	
	Unknown							
15.026	268105	10.9	117					
112-40-3	Dodecane							
15.599	412694	16.8	117	90	36158	C12H26	170	
	Unknown							
16.129	211566	8.59	117					

Report Date: 12-Nov-2015 12:52:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48
Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16327.D
Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 117 1,4-Dichlorobenzene-d4	11.087	1231398	50.0

QC Flag Legend

Processing Flags

Reagents:

8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

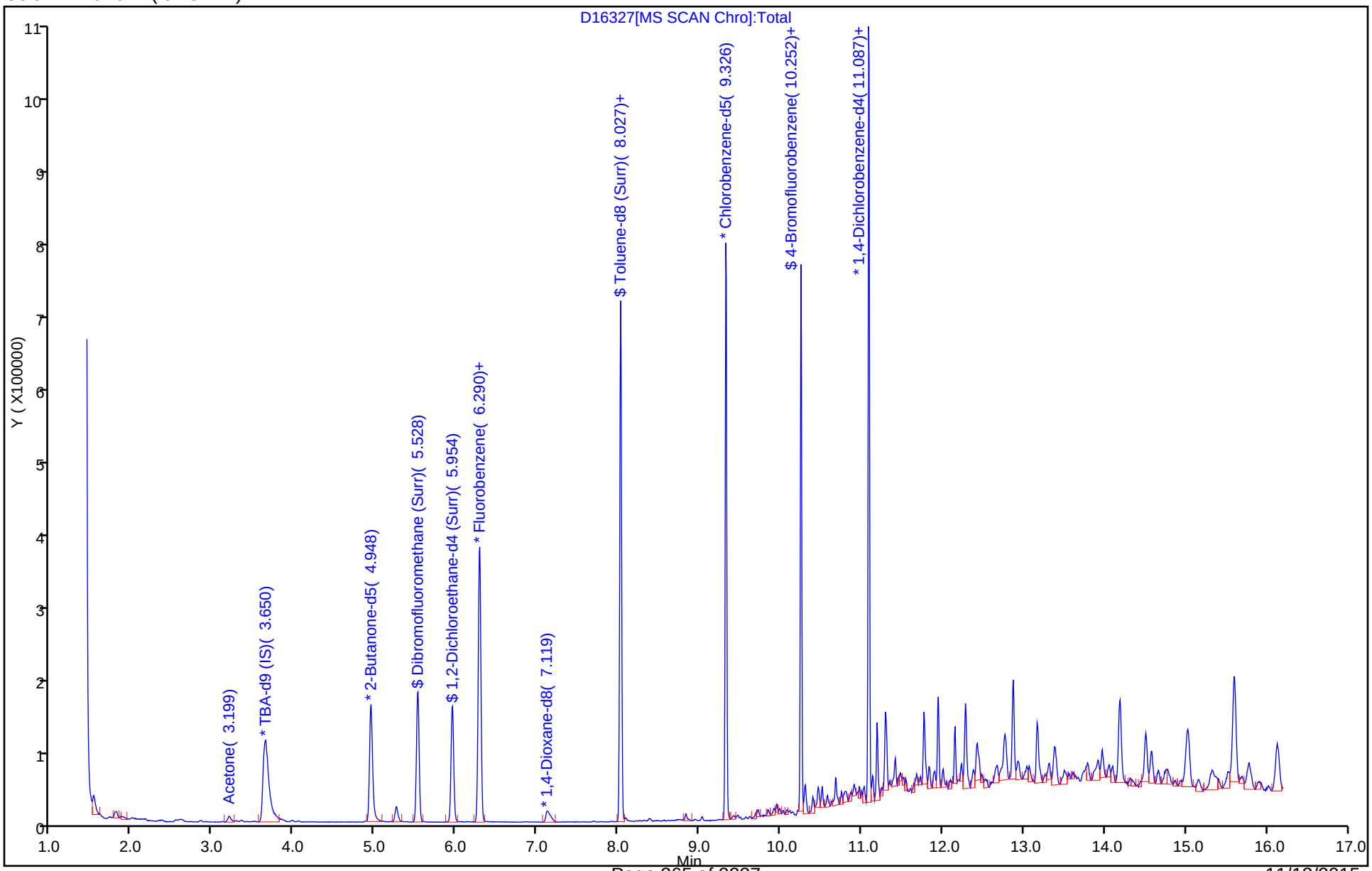
Report Date: 12-Nov-2015 12:52:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16327.D

Injection Date:	10-Nov-2015 05:21:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-104194-B-4-A	Lab Sample ID:	460-104194-4	Worklist Smp#:	14
Client ID:	PRA-25S 11.25				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)

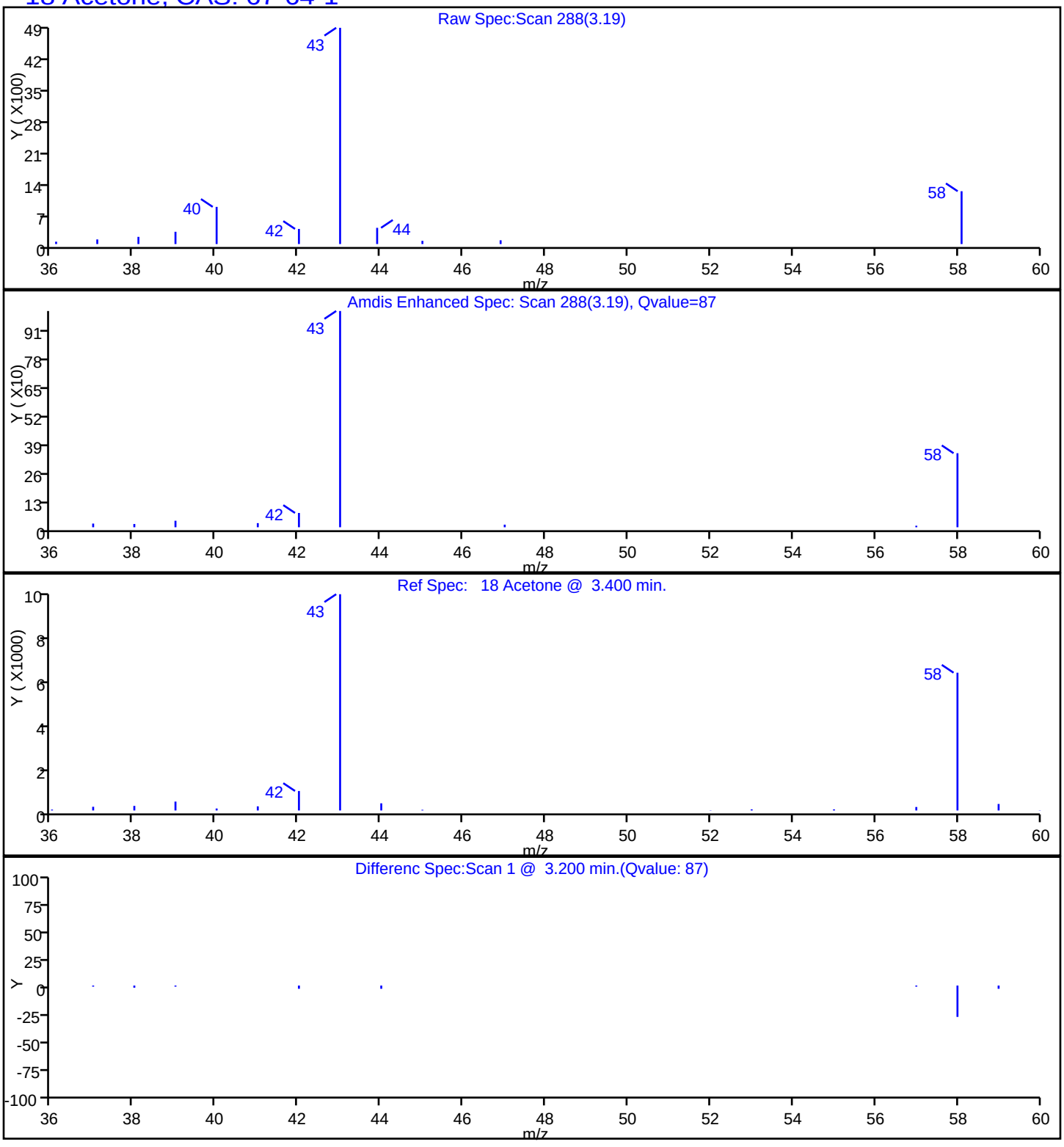


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16327.D

Injection Date:	10-Nov-2015 05:21:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-4-A	Lab Sample ID:	460-104194-4
Client ID:	PRA-25S 11.25		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

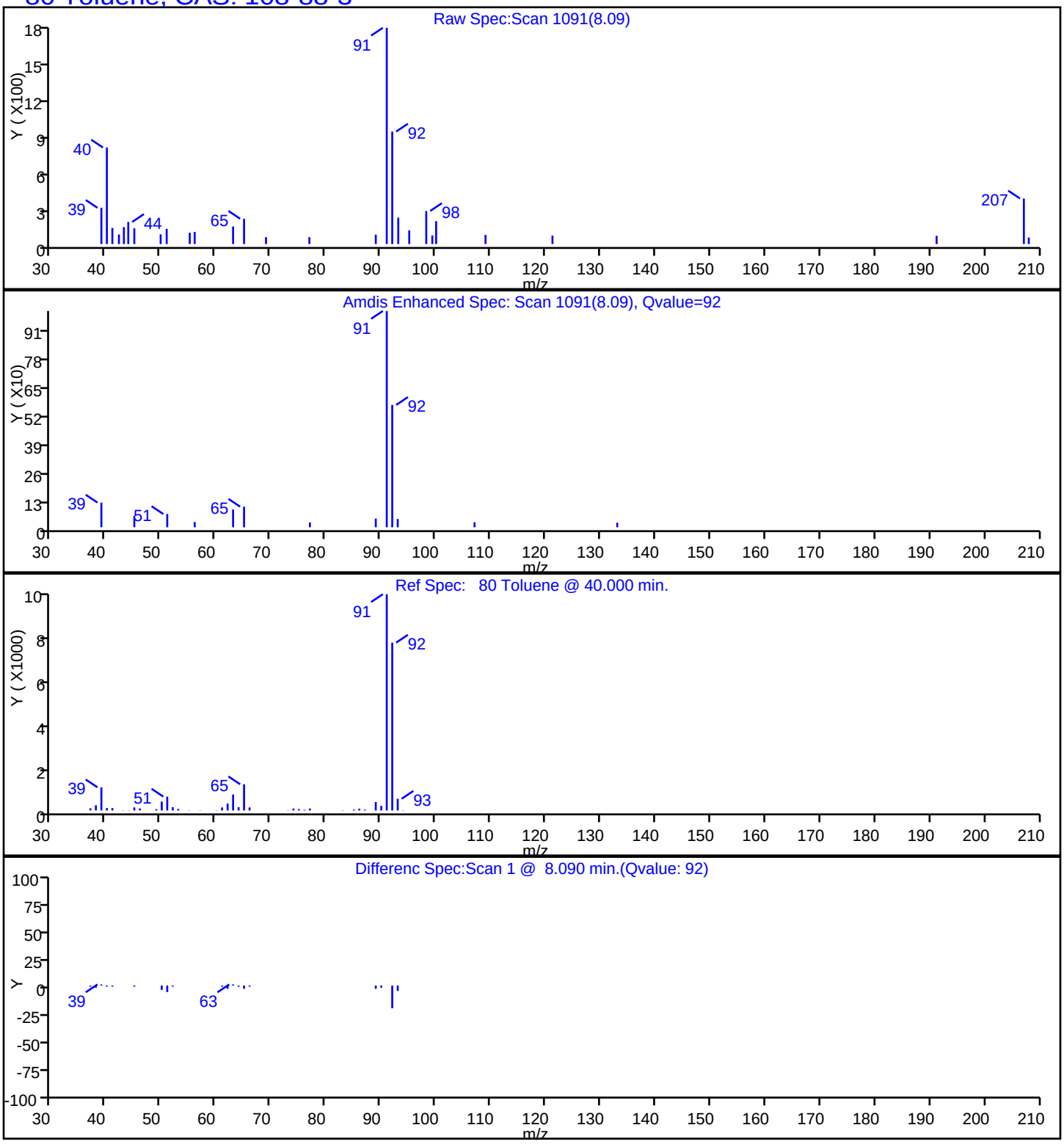
18 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16327.D		
Injection Date:	10-Nov-2015 05:21:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-4-A	Lab Sample ID:	460-104194-4
Client ID:	PRA-25S 11.25		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

80 Toluene, CAS: 108-88-3



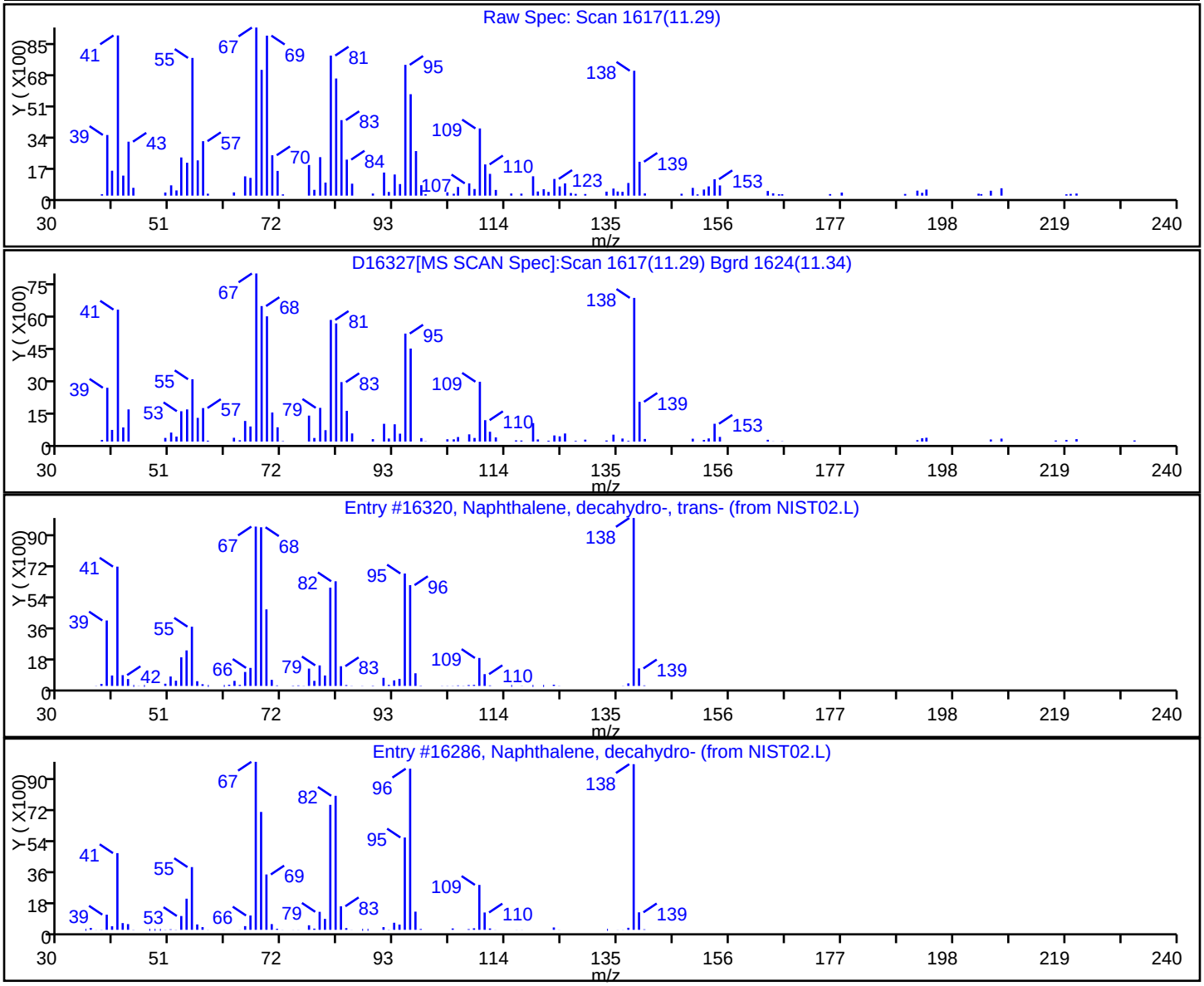
Report Date: 12-Nov-2015 12:52:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16327.D

Injection Date:	10-Nov-2015 05:21:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-4-A	Lab Sample ID:	460-104194-4
Client ID:	PRA-25S 11.25		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

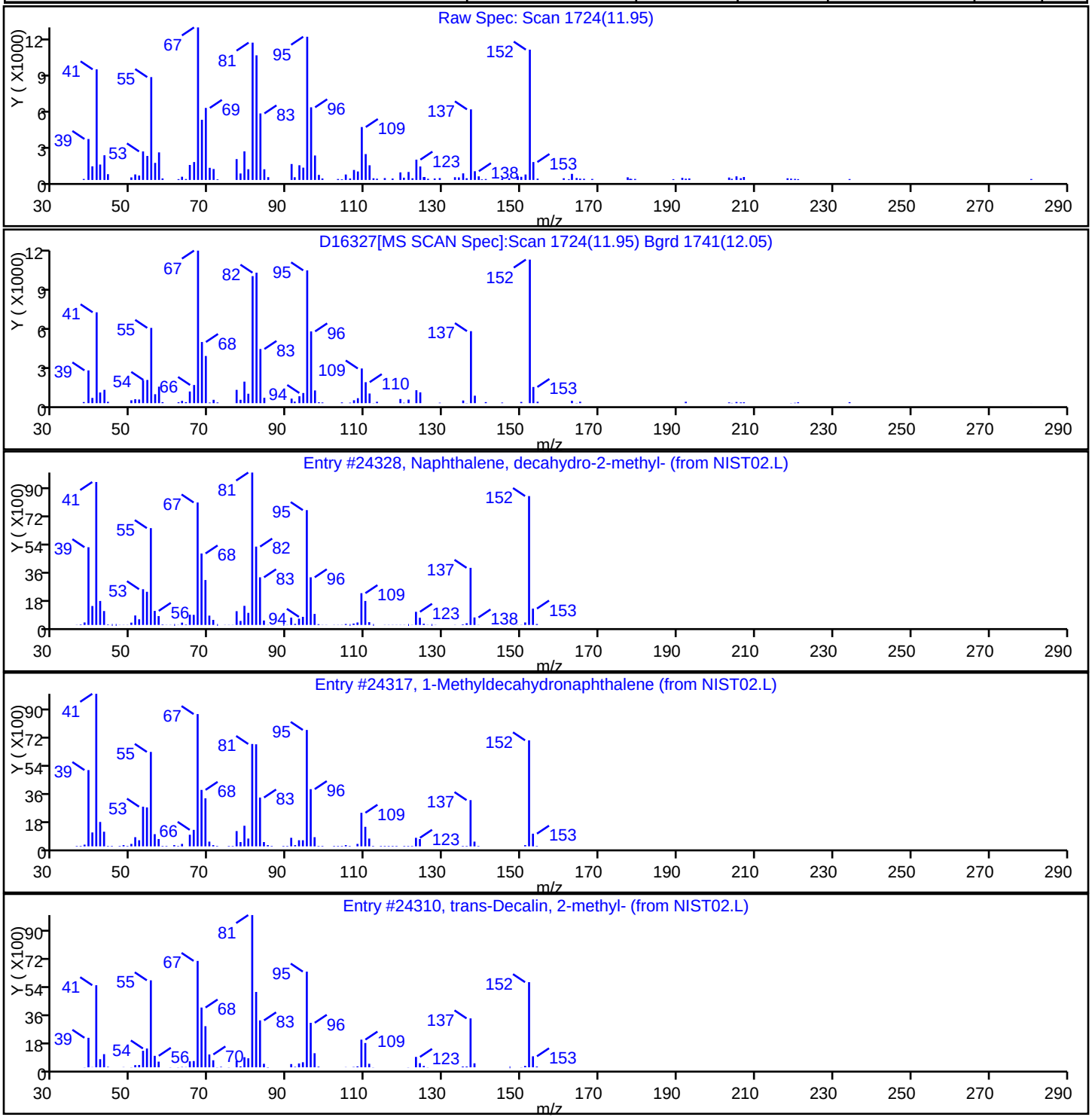
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-, trans-	493-02-7	NIST02.L	16320	C10H18	138	96
Naphthalene, decahydro-	91-17-8	NIST02.L	16286	C10H18	138	86



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16327.D
Injection Date: 10-Nov-2015 05:21:30 Instrument ID: CVOAMS4
Lims ID: 460-104194-B-4-A Lab Sample ID: 460-104194-4
Client ID: PRA-25S 11.25
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	C11H20	152	93
1-Methyldecahydronaphthalene	2958-75-0	NIST02.L	24317	C11H20	152	91
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	C11H20	152	89



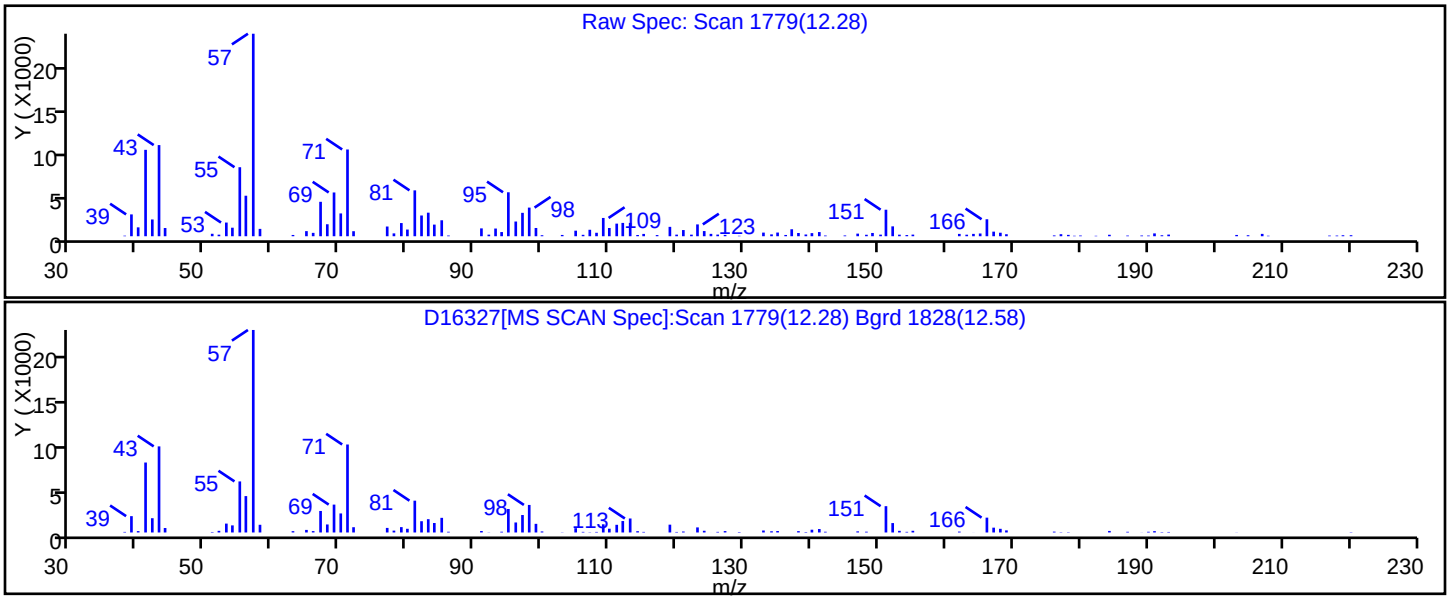
Report Date: 12-Nov-2015 12:52:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16327.D

Injection Date:	10-Nov-2015 05:21:30	Instrument ID:	CVOAMS4		
Lims ID:	460-104194-B-4-A	Lab Sample ID:	460-104194-4		
Client ID:	PRA-25S 11.25				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



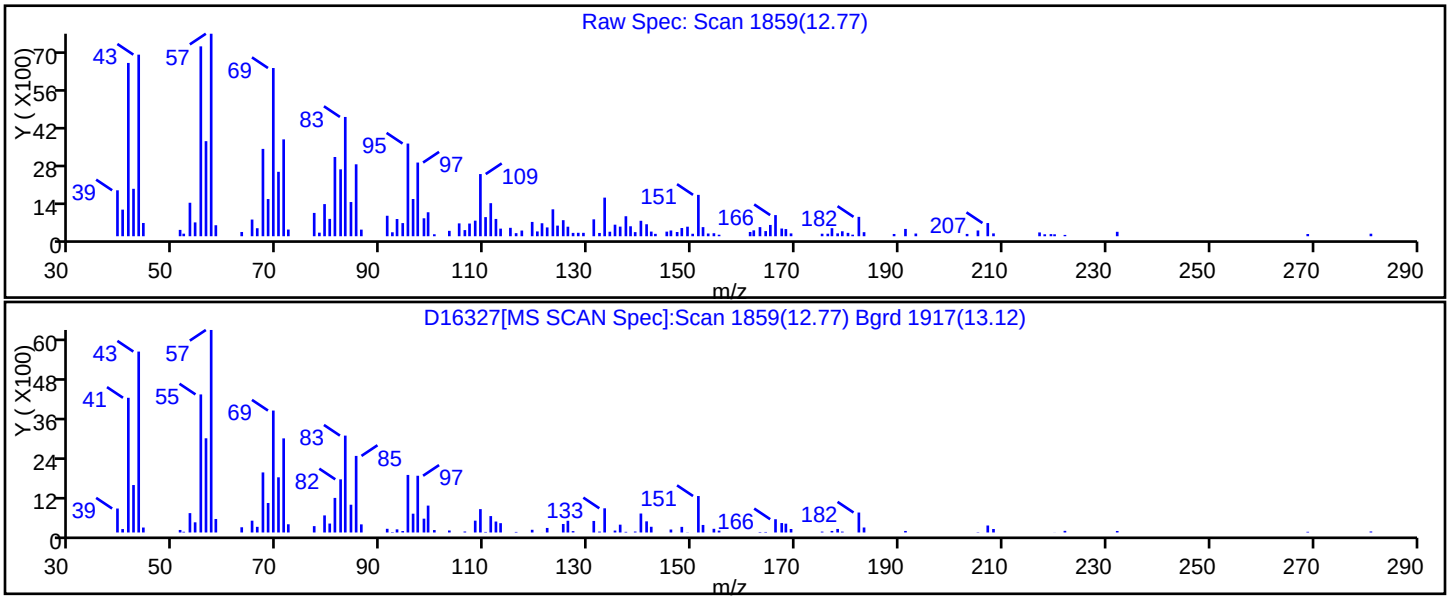
Report Date: 12-Nov-2015 12:52:02 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16327.D

Injection Date:	10-Nov-2015 05:21:30	Instrument ID:	CVOAMS4		
Lims ID:	460-104194-B-4-A	Lab Sample ID:	460-104194-4		
Client ID:	PRA-25S 11.25				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85

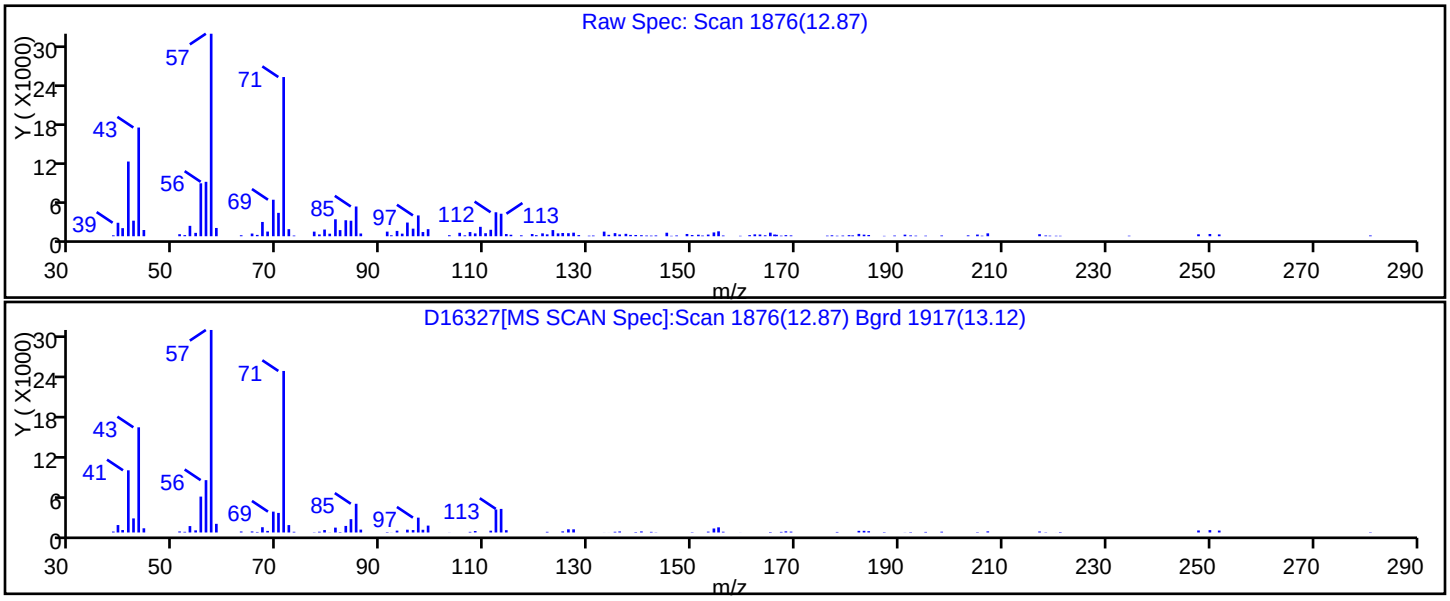


Report Date: 12-Nov-2015 12:52:02 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16327.D				
Injection Date:	10-Nov-2015 05:21:30	Instrument ID:	CVOAMS4		
Lims ID:	460-104194-B-4-A	Lab Sample ID:	460-104194-4		
Client ID:	PRA-25S 11.25				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



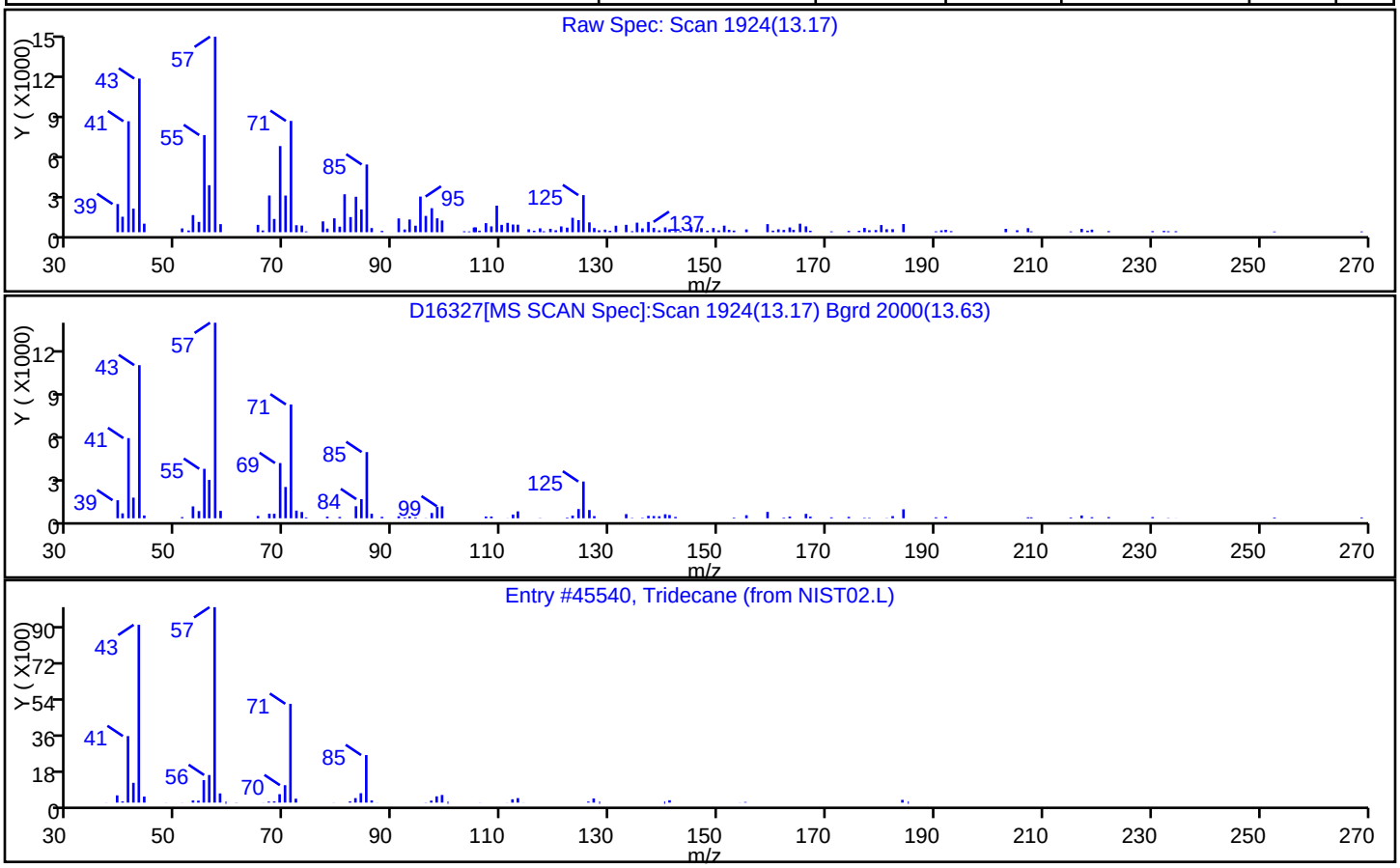
Report Date: 12-Nov-2015 12:52:02 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16327.D

Injection Date:	10-Nov-2015 05:21:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-4-A	Lab Sample ID:	460-104194-4
Client ID:	PRA-25S 11.25		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tridecane	629-50-5	NIST02.L	45540	C13H28	184	87

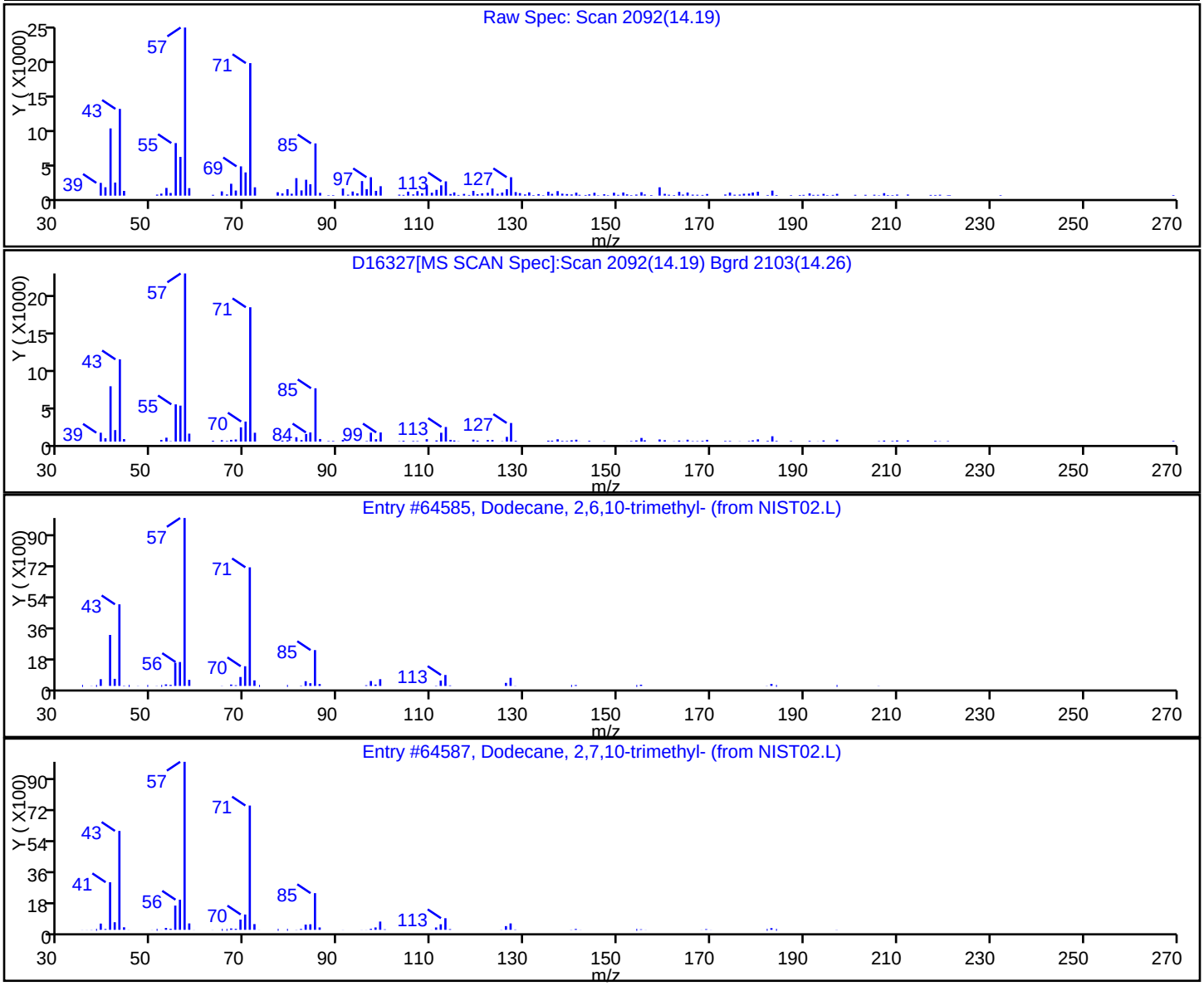


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16327.D

Injection Date:	10-Nov-2015 05:21:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-4-A	Lab Sample ID:	460-104194-4
Client ID:	PRA-25S 11.25		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64585	C15H32	212	90
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	86



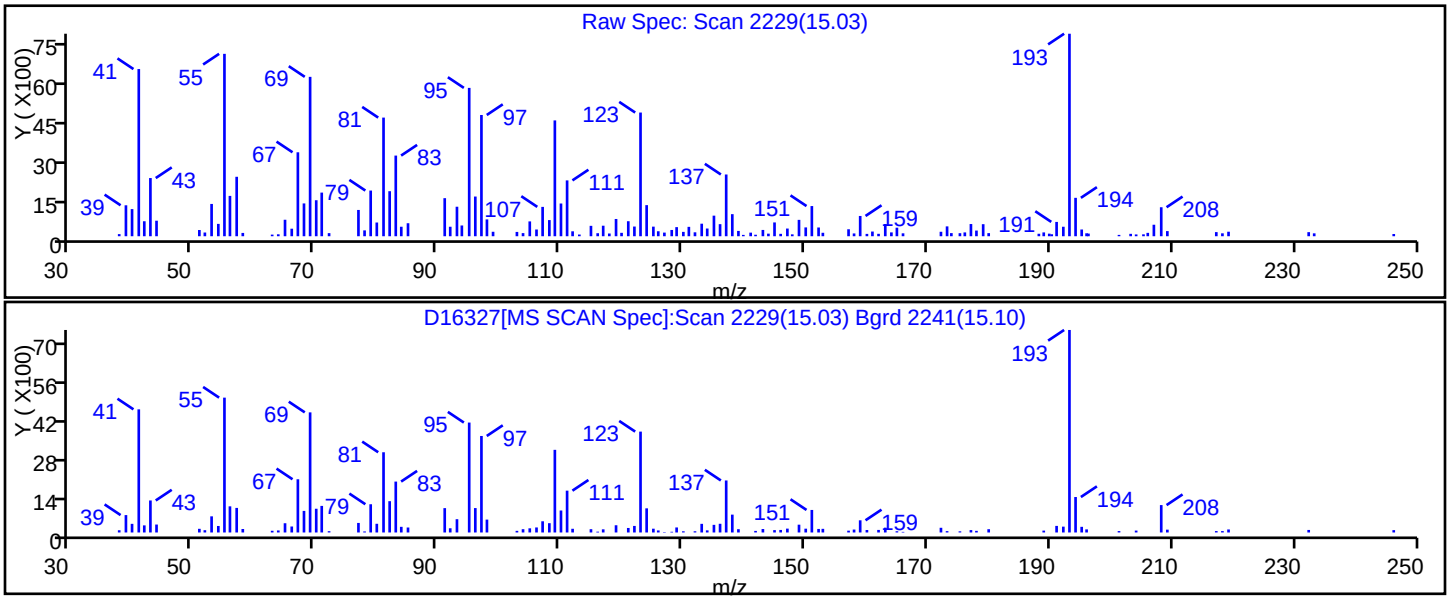
Report Date: 12-Nov-2015 12:52:02 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16327.D

Injection Date:	10-Nov-2015 05:21:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-4-A	Lab Sample ID:	460-104194-4
Client ID:	PRA-25S 11.25		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

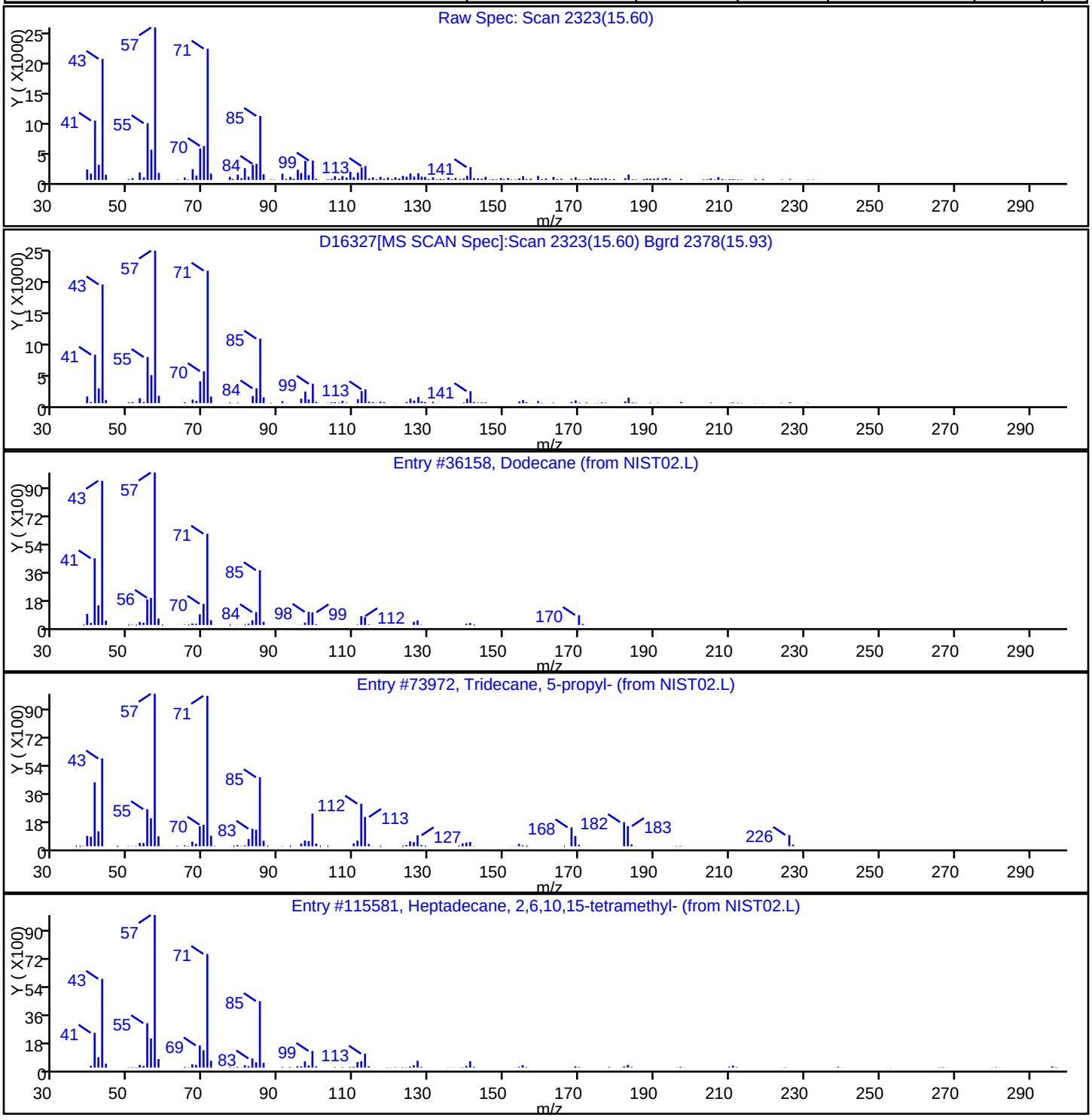
No Library Matches Found above the Threshold: 85



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16327.D
Injection Date: 10-Nov-2015 05:21:30 Instrument ID: CVOAMS4
Lims ID: 460-104194-B-4-A Lab Sample ID: 460-104194-4
Client ID: PRA-25S 11.25
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane	112-40-3	NIST02.L	36158	C12H26	170	90
Tridecane, 5-propyl-	55045-11-9	NIST02.L	73972	C16H34	226	87
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST02.L	115581	C21H44	296	86

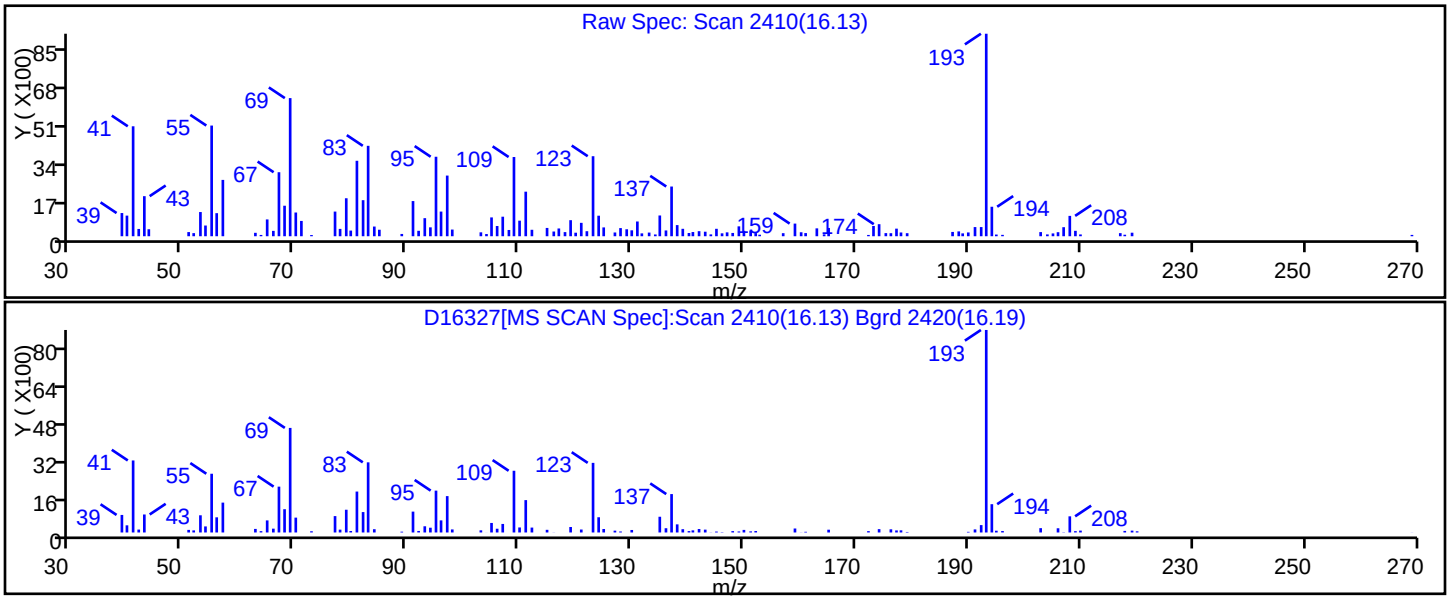


Report Date: 12-Nov-2015 12:52:02 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16327.D				
Injection Date:	10-Nov-2015 05:21:30	Instrument ID:	CVOAMS4		
Lims ID:	460-104194-B-4-A	Lab Sample ID:	460-104194-4		
Client ID:	PRA-25S 11.25				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-23 NW | Lab Sample ID: 460-104194-5

Matrix: Solid | Lab File ID: D16328.D

Analysis Method: 8260C | Date Collected: 11/06/2015 08:30

Sample wt/vol: 4.065(g) | Date Analyzed: 11/10/2015 05:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.4 | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.52	U	1.4	0.52
74-83-9	Bromomethane	0.43	U	1.4	0.43
75-01-4	Vinyl chloride	0.53	U	1.4	0.53
75-00-3	Chloroethane	0.48	U	1.4	0.48
75-09-2	Methylene Chloride	0.43	U	1.4	0.43
67-64-1	Acetone	1.4	U	6.8	1.4
75-15-0	Carbon disulfide	0.58	U	1.4	0.58
75-69-4	Trichlorofluoromethane	0.46	U	1.4	0.46
75-35-4	1,1-Dichloroethene	0.56	U	1.4	0.56
75-34-3	1,1-Dichloroethane	0.46	U	1.4	0.46
156-60-5	trans-1,2-Dichloroethene	0.53	U	1.4	0.53
156-59-2	cis-1,2-Dichloroethene	0.30	U	1.4	0.30
67-66-3	Chloroform	0.29	U	1.4	0.29
78-93-3	2-Butanone	1.0	U	6.8	1.0
107-06-2	1,2-Dichloroethane	0.15	U	1.4	0.15
71-55-6	1,1,1-Trichloroethane	0.52	U	1.4	0.52
56-23-5	Carbon tetrachloride	0.58	U	1.4	0.58
71-43-2	Benzene	0.27	U	1.4	0.27
75-25-2	Bromoform	0.18	U	1.4	0.18
100-42-5	Styrene	0.20	U	1.4	0.20
100-41-4	Ethylbenzene	0.24	U	1.4	0.24
108-90-7	Chlorobenzene	0.19	U	1.4	0.19
110-82-7	Cyclohexane	0.62	U	1.4	0.62
98-82-8	Isopropylbenzene	0.23	U	1.4	0.23
591-78-6	2-Hexanone	1.3	U	6.8	1.3
1634-04-4	MTBE	0.23	U	1.4	0.23
76-13-1	Freon TF	0.60	U	1.4	0.60
79-20-9	Methyl acetate	1.2	U	6.8	1.2
123-91-1	1,4-Dioxane	8.7	U	27	8.7
79-01-6	Trichloroethene	0.35	U	1.4	0.35
108-88-3	Toluene	0.26	U	1.4	0.26
10061-02-6	trans-1,3-Dichloropropene	0.14	U	1.4	0.14
108-10-1	4-Methyl-2-pentanone	3.0	U	6.8	3.0
10061-01-5	cis-1,3-Dichloropropene	0.20	U	1.4	0.20
95-50-1	1,2-Dichlorobenzene	0.19	U	1.4	0.19
541-73-1	1,3-Dichlorobenzene	0.16	U	1.4	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-23 NW | Lab Sample ID: 460-104194-5

Matrix: Solid | Lab File ID: D16328.D

Analysis Method: 8260C | Date Collected: 11/06/2015 08:30

Sample wt/vol: 4.065(g) | Date Analyzed: 11/10/2015 05:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.4 | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.18	U	1.4	0.18
120-82-1	1,2,4-Trichlorobenzene	0.43	U	1.4	0.43
87-61-6	1,2,3-Trichlorobenzene	0.15	U	1.4	0.15
78-87-5	1,2-Dichloropropane	0.23	U	1.4	0.23
108-87-2	Methylcyclohexane	0.68	U	1.4	0.68
127-18-4	Tetrachloroethene	0.38	U	1.4	0.38
1330-20-7	Xylenes, Total	0.15	U	2.7	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	0.64	U	1.4	0.64
79-34-5	1,1,2,2-Tetrachloroethane	0.23	U	1.4	0.23
79-00-5	1,1,2-Trichloroethane	0.38	U	1.4	0.38
124-48-1	Dibromochloromethane	0.20	U	1.4	0.20
106-93-4	1,2-Dibromoethane	0.16	U	1.4	0.16
75-71-8	Dichlorodifluoromethane	0.43	U	1.4	0.43
74-97-5	Bromochloromethane	0.23	U	1.4	0.23
75-27-4	Bromodichloromethane	0.52	U	1.4	0.52

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		78-135
2037-26-5	Toluene-d8 (Surr)	94		73-121
460-00-4	Bromofluorobenzene	102		67-126
1868-53-7	Dibromofluoromethane (Surr)	107		61-149

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-23 NW | Lab Sample ID: 460-104194-5

Matrix: Solid | Lab File ID: D16328.D

Analysis Method: 8260C | Date Collected: 11/06/2015 08:30

Sample wt/vol: 4.065(g) | Date Analyzed: 11/10/2015 05:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.4 | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 9.7

CAS NO.	COMPOUND NAME	RT	RESULT	Q
2958-76-1	Naphthalene, decahydro-2-methyl-	11.95	9.7	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16328.D
Lims ID: 460-104194-B-5-A Lab Sample ID: 460-104194-5
Client ID: PRA-23 NW
Sample Type: Client
Inject. Date: 10-Nov-2015 05:45:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104194-B-5-A
Misc. Info.: 460-0034014-015
Operator ID: Instrument ID: CVOAMS4

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Nov-2015 12:24:26 Calib Date: 05-Nov-2015 02:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK027

First Level Reviewer: martineze Date: 10-Nov-2015 12:24:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	3.638	3.644	-0.006	89	320414	1000.0	
* 38 2-Butanone-d5	46	4.948	4.948	0.000	96	277608	250.0	
$ 51 Dibromofluoromethane (Surr	113	5.527	5.528	-0.001	97	112462	53.5	
$ 56 1,2-Dichloroethane-d4 (Sur	102	5.948	5.954	-0.006	97	23832	52.2	
* 62 Fluorobenzene	96	6.289	6.283	0.006	98	403299	50.0	
* 68 1,4-Dioxane-d8	96	7.125	7.125	0.000	27	19991	1000.0	
$ 79 Toluene-d8 (Surr)	98	8.027	8.027	0.000	99	385828	47.0	
* 90 Chlorobenzene-d5	117	9.325	9.326	-0.001	87	341250	50.0	
$ 101 4-Bromofluorobenzene	174	10.252	10.252	0.000	93	140992	51.0	
* 117 1,4-Dichlorobenzene-d4	152	11.093	11.094	-0.001	96	199030	50.0	

Reagents:

8260SURR250_00098 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16328.D				
Lims ID:	460-104194-B-5-A	Lab Sample ID:	460-104194-5		
Client ID:	PRA-23 NW				
Sample Type:	Client				
Inject. Date:	10-Nov-2015 05:45:30	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-104194-B-5-A				
Misc. Info.:	460-0034014-015				
Operator ID:		Instrument ID:	CVOAMS4		
Method:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\8260S_4.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	10-Nov-2015 12:24:26	Calib Date:	05-Nov-2015 02:31:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\ChromNA\Edison\Database\NIST02.L				
Min. Match:	85				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK027				
First Level Reviewer: martineze		Date:	10-Nov-2015 12:24:34		

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	2958-76-1	Naphthalene, decahydro-2-methyl-						
11.947	176974	7.16	117	96	24328	C11H20	152	

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 117 1,4-Dichlorobenzene-d4	11.087	1236102	50.0

QC Flag Legend

Processing Flags

Reagents:

8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

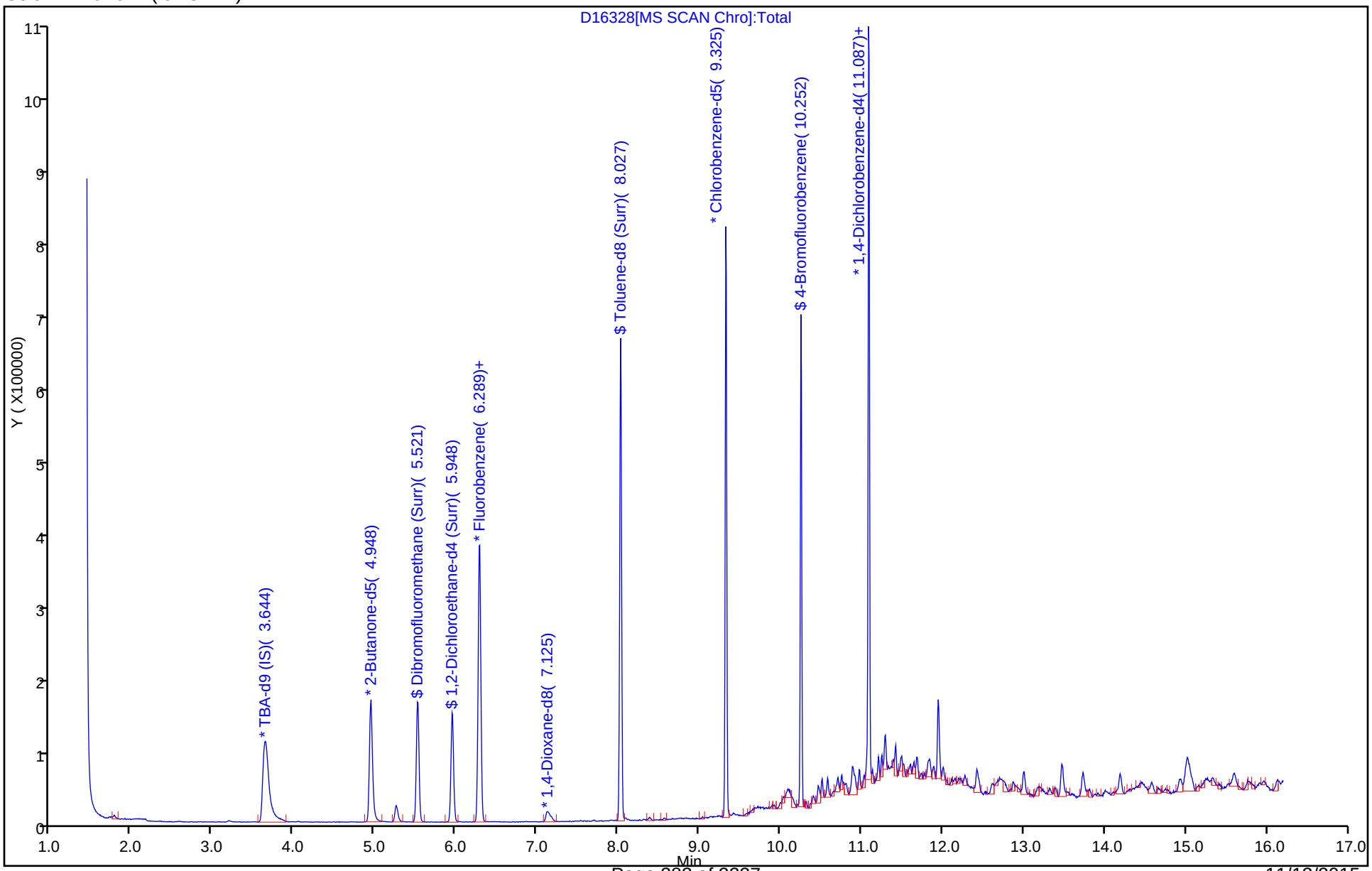
Report Date: 10-Nov-2015 12:24:34 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16328.D

Injection Date:	10-Nov-2015 05:45:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-104194-B-5-A	Lab Sample ID:	460-104194-5	Worklist Smp#:	15
Client ID:	PRA-23 NW				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

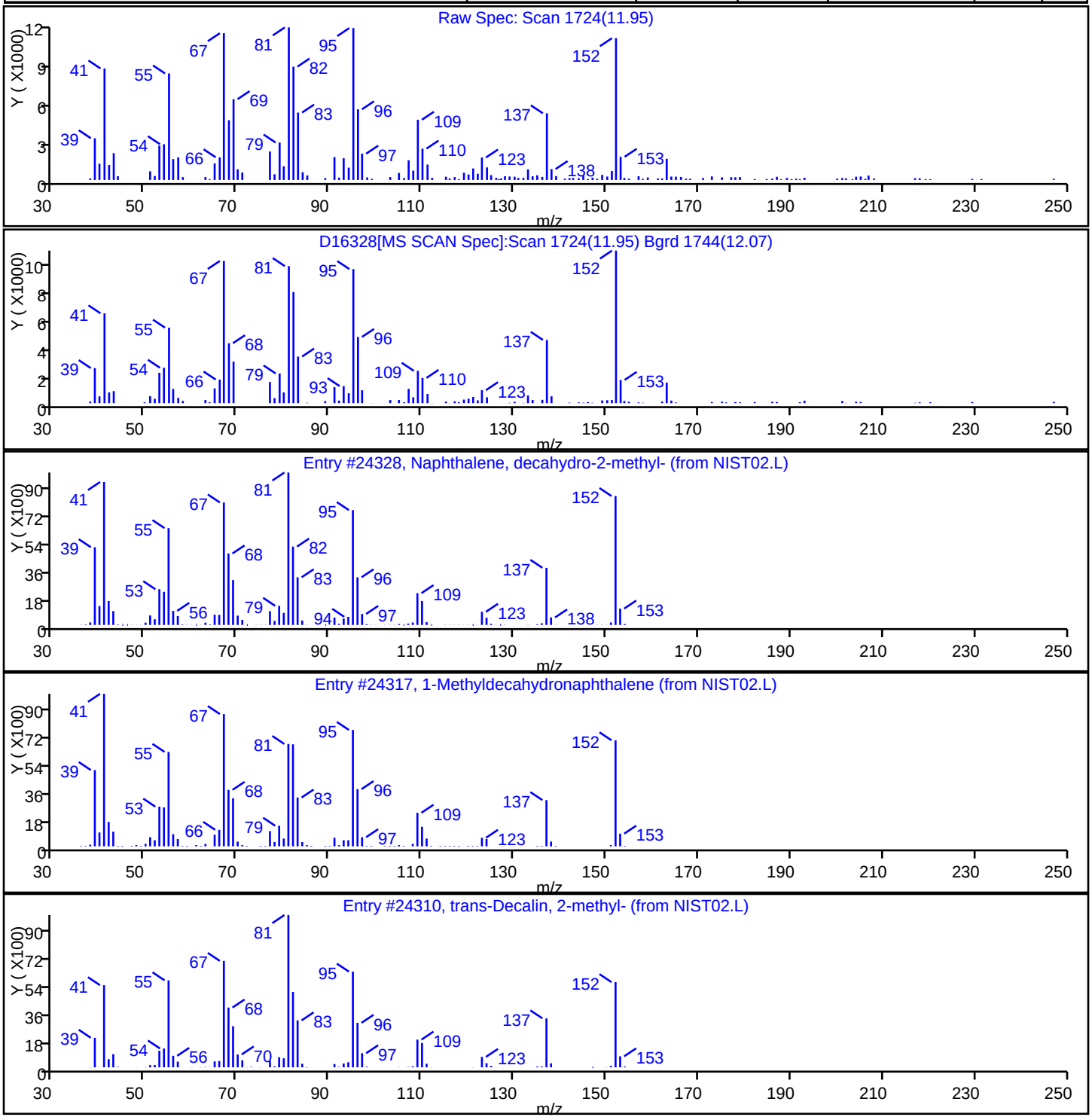
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16328.D
Injection Date: 10-Nov-2015 05:45:30 Instrument ID: CVOAMS4
Lims ID: 460-104194-B-5-A Lab Sample ID: 460-104194-5
Client ID: PRA-23 NW
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	C11H20	152	96
1-Methyldecahydronaphthalene	2958-75-0	NIST02.L	24317	C11H20	152	95
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	C11H20	152	94



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18 S | Lab Sample ID: 460-104194-6

Matrix: Solid | Lab File ID: D16329.D

Analysis Method: 8260C | Date Collected: 11/06/2015 10:55

Sample wt/vol: 6.203(g) | Date Analyzed: 11/10/2015 06:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.7 | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.32	U	0.85	0.32
74-83-9	Bromomethane	0.27	U	0.85	0.27
75-01-4	Vinyl chloride	0.33	U	0.85	0.33
75-00-3	Chloroethane	0.30	U	0.85	0.30
75-09-2	Methylene Chloride	2.3		0.85	0.27
67-64-1	Acetone	16		4.2	0.90
75-15-0	Carbon disulfide	0.36	U	0.85	0.36
75-69-4	Trichlorofluoromethane	0.29	U	0.85	0.29
75-35-4	1,1-Dichloroethene	0.35	U	0.85	0.35
75-34-3	1,1-Dichloroethane	0.29	U	0.85	0.29
156-60-5	trans-1,2-Dichloroethene	0.33	U	0.85	0.33
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.85	0.19
67-66-3	Chloroform	0.18	U	0.85	0.18
78-93-3	2-Butanone	0.65	U	4.2	0.65
107-06-2	1,2-Dichloroethane	0.093	U	0.85	0.093
71-55-6	1,1,1-Trichloroethane	0.32	U	0.85	0.32
56-23-5	Carbon tetrachloride	0.36	U	0.85	0.36
71-43-2	Benzene	0.17	U	0.85	0.17
75-25-2	Bromoform	0.11	U	0.85	0.11
100-42-5	Styrene	0.13	U	0.85	0.13
100-41-4	Ethylbenzene	0.15	U	0.85	0.15
108-90-7	Chlorobenzene	0.12	U	0.85	0.12
110-82-7	Cyclohexane	0.39	U	0.85	0.39
98-82-8	Isopropylbenzene	0.14	U	0.85	0.14
591-78-6	2-Hexanone	0.79	U	4.2	0.79
1634-04-4	MTBE	0.14	U	0.85	0.14
76-13-1	Freon TF	0.37	U	0.85	0.37
79-20-9	Methyl acetate	2.2	J	4.2	0.76
123-91-1	1,4-Dioxane	5.4	U	17	5.4
79-01-6	Trichloroethene	0.32	J	0.85	0.22
108-88-3	Toluene	0.42	J	0.85	0.16
10061-02-6	trans-1,3-Dichloropropene	0.085	U	0.85	0.085
108-10-1	4-Methyl-2-pentanone	1.9	U	4.2	1.9
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.85	0.13
95-50-1	1,2-Dichlorobenzene	0.12	U	0.85	0.12
541-73-1	1,3-Dichlorobenzene	0.10	U	0.85	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18 S | Lab Sample ID: 460-104194-6

Matrix: Solid | Lab File ID: D16329.D

Analysis Method: 8260C | Date Collected: 11/06/2015 10:55

Sample wt/vol: 6.203(g) | Date Analyzed: 11/10/2015 06:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.7 | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.11	U	0.85	0.11
120-82-1	1,2,4-Trichlorobenzene	0.28	J	0.85	0.27
87-61-6	1,2,3-Trichlorobenzene	0.093	U	0.85	0.093
78-87-5	1,2-Dichloropropane	0.14	U	0.85	0.14
108-87-2	Methylcyclohexane	0.42	U	0.85	0.42
127-18-4	Tetrachloroethene	0.24	U	0.85	0.24
1330-20-7	Xylenes, Total	0.093	U	1.7	0.093
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	0.85	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.14	U	0.85	0.14
79-00-5	1,1,2-Trichloroethane	0.24	U	0.85	0.24
124-48-1	Dibromochloromethane	0.13	U	0.85	0.13
106-93-4	1,2-Dibromoethane	0.10	U	0.85	0.10
75-71-8	Dichlorodifluoromethane	0.27	U	0.85	0.27
74-97-5	Bromochloromethane	0.14	U	0.85	0.14
75-27-4	Bromodichloromethane	0.32	U	0.85	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		78-135
2037-26-5	Toluene-d8 (Surr)	90		73-121
460-00-4	Bromofluorobenzene	97		67-126
1868-53-7	Dibromofluoromethane (Surr)	102		61-149

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18 S Lab Sample ID: 460-104194-6

Matrix: Solid Lab File ID: D16329.D

Analysis Method: 8260C Date Collected: 11/06/2015 10:55

Sample wt/vol: 6.203(g) Date Analyzed: 11/10/2015 06:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.7 Level: (low/med) Low

Analysis Batch No.: 334208 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16329.D
Lims ID: 460-104194-B-6-A Lab Sample ID: 460-104194-6
Client ID: PRA-18 S
Sample Type: Client
Inject. Date: 10-Nov-2015 06:10:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104194-B-6-A
Misc. Info.: 460-0034014-016
Operator ID: Instrument ID: CVOAMS4

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Nov-2015 12:52:27 Calib Date: 05-Nov-2015 02:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: martineze Date: 10-Nov-2015 12:25:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
18 Acetone	43	3.199	3.193	0.006	87	24676	18.5	
24 Methyl acetate	43	3.503	3.491	0.012	99	6376	2.55	
26 Methylene Chloride	84	3.631	3.625	0.006	94	10507	2.70	
* 27 TBA-d9 (IS)	65	3.650	3.644	0.006	89	338905	1000.0	
* 38 2-Butanone-d5	46	4.948	4.948	0.000	96	298382	250.0	
$ 51 Dibromofluoromethane (Surr	113	5.527	5.528	-0.001	97	113624	51.1	
$ 56 1,2-Dichloroethane-d4 (Sur	102	5.954	5.954	0.000	98	24734	51.3	
* 62 Fluorobenzene	96	6.289	6.283	0.006	98	426027	50.0	
64 Trichloroethene	95	6.722	6.722	0.000	89	1192	0.3729	
* 68 1,4-Dioxane-d8	96	7.125	7.125	0.000	26	20872	1000.0	
$ 79 Toluene-d8 (Surr)	98	8.027	8.027	0.000	99	393051	44.8	
80 Toluene	91	8.094	8.094	0.000	93	7085	0.4927	
* 90 Chlorobenzene-d5	117	9.325	9.326	-0.001	87	364905	50.0	
$ 101 4-Bromofluorobenzene	174	10.252	10.252	0.000	93	144214	48.5	
* 117 1,4-Dichlorobenzene-d4	152	11.093	11.094	-0.001	96	214089	50.0	
127 1,2,4-Trichlorobenzene	180	12.727	12.727	0.000	89	2135	0.3292	

Reagents:

8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

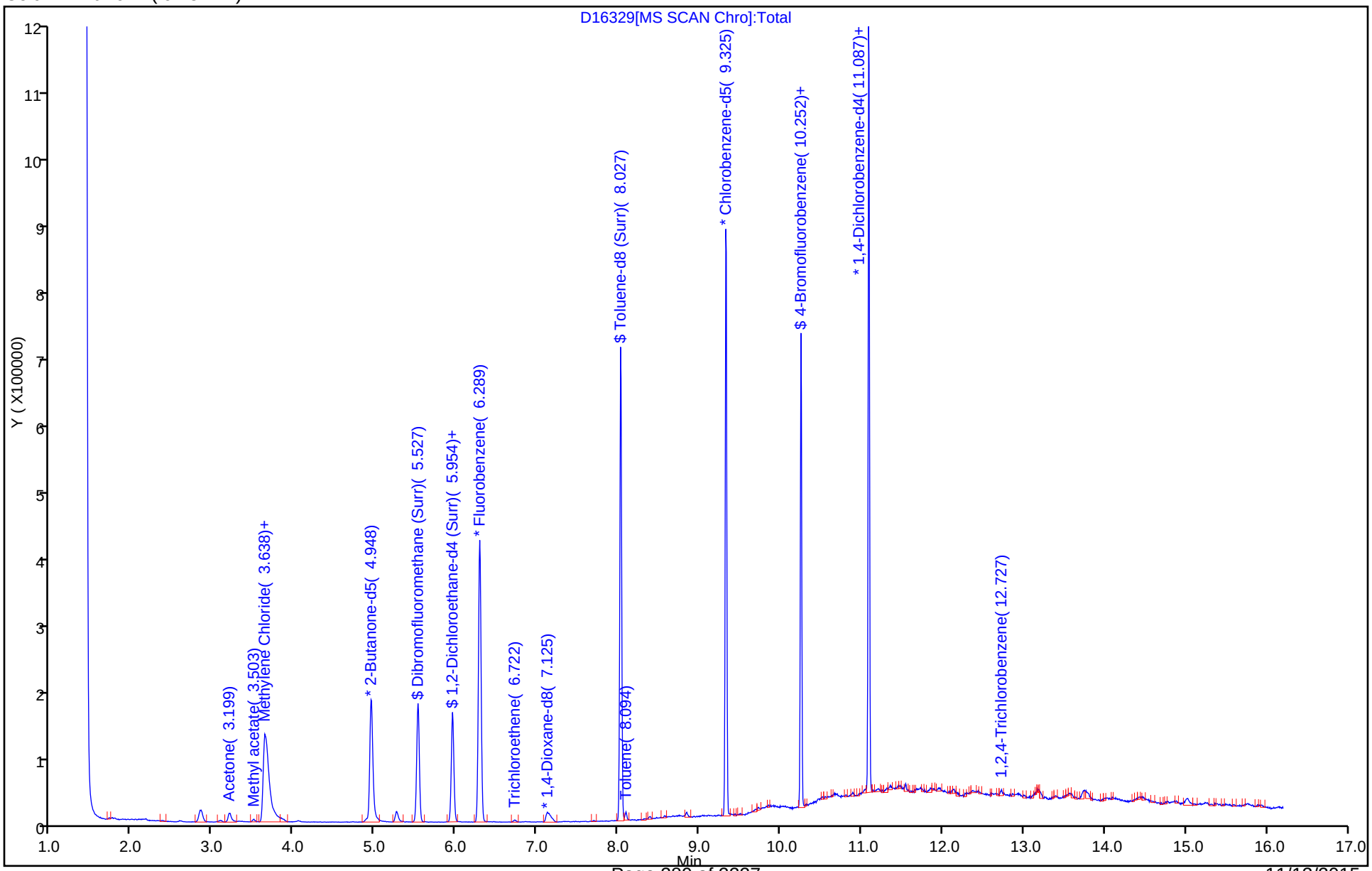
Report Date: 12-Nov-2015 12:52:28 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16329.D

Injection Date:	10-Nov-2015 06:10:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-104194-B-6-A	Lab Sample ID:	460-104194-6	Worklist Smp#:	16
Client ID:	PRA-18 S				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

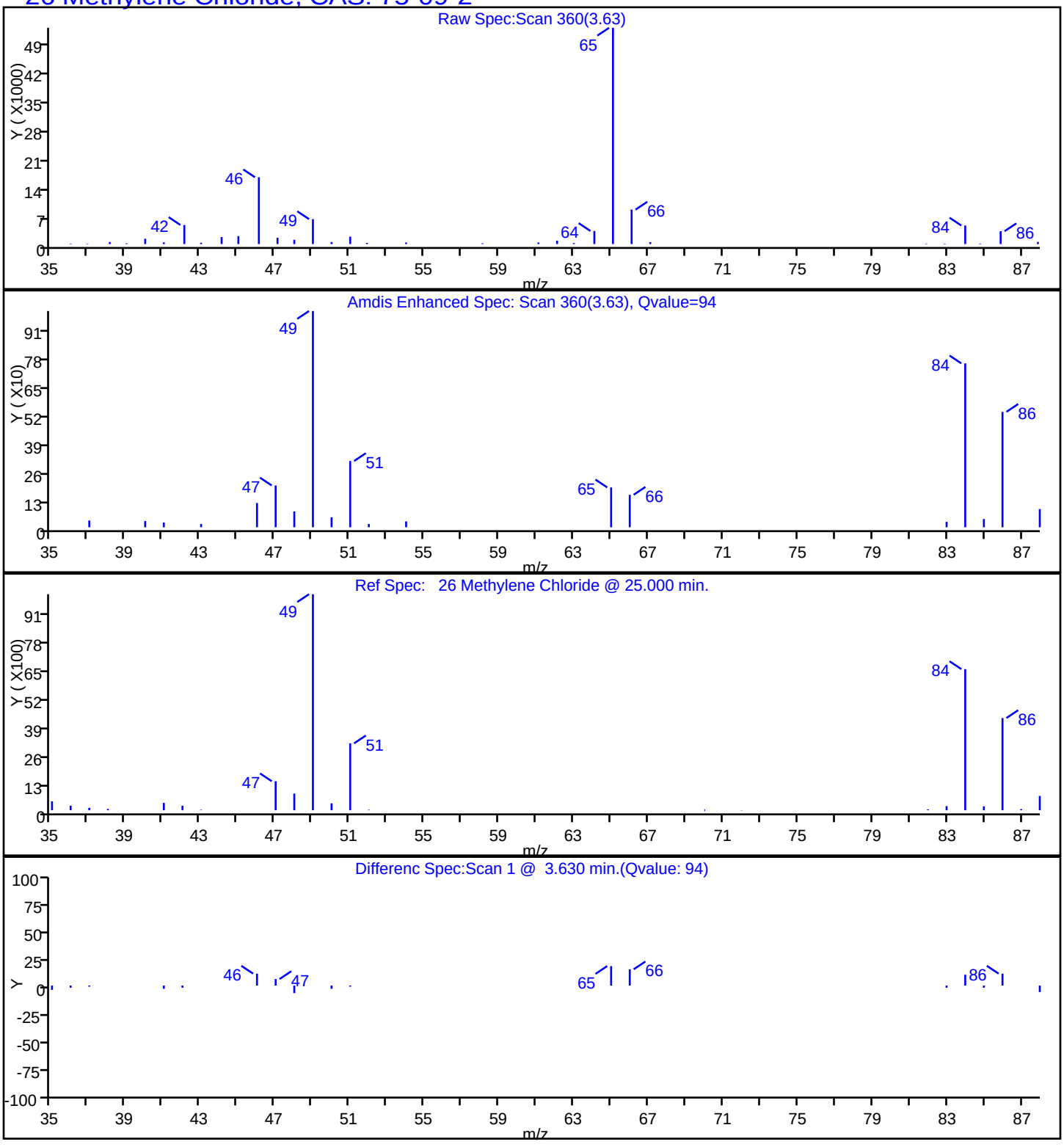
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16329.D		
Injection Date:	10-Nov-2015 06:10:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-6-A	Lab Sample ID:	460-104194-6
Client ID:	PRA-18 S		
Operator ID:		ALS Bottle#:	15 Worklist Smp#: 16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

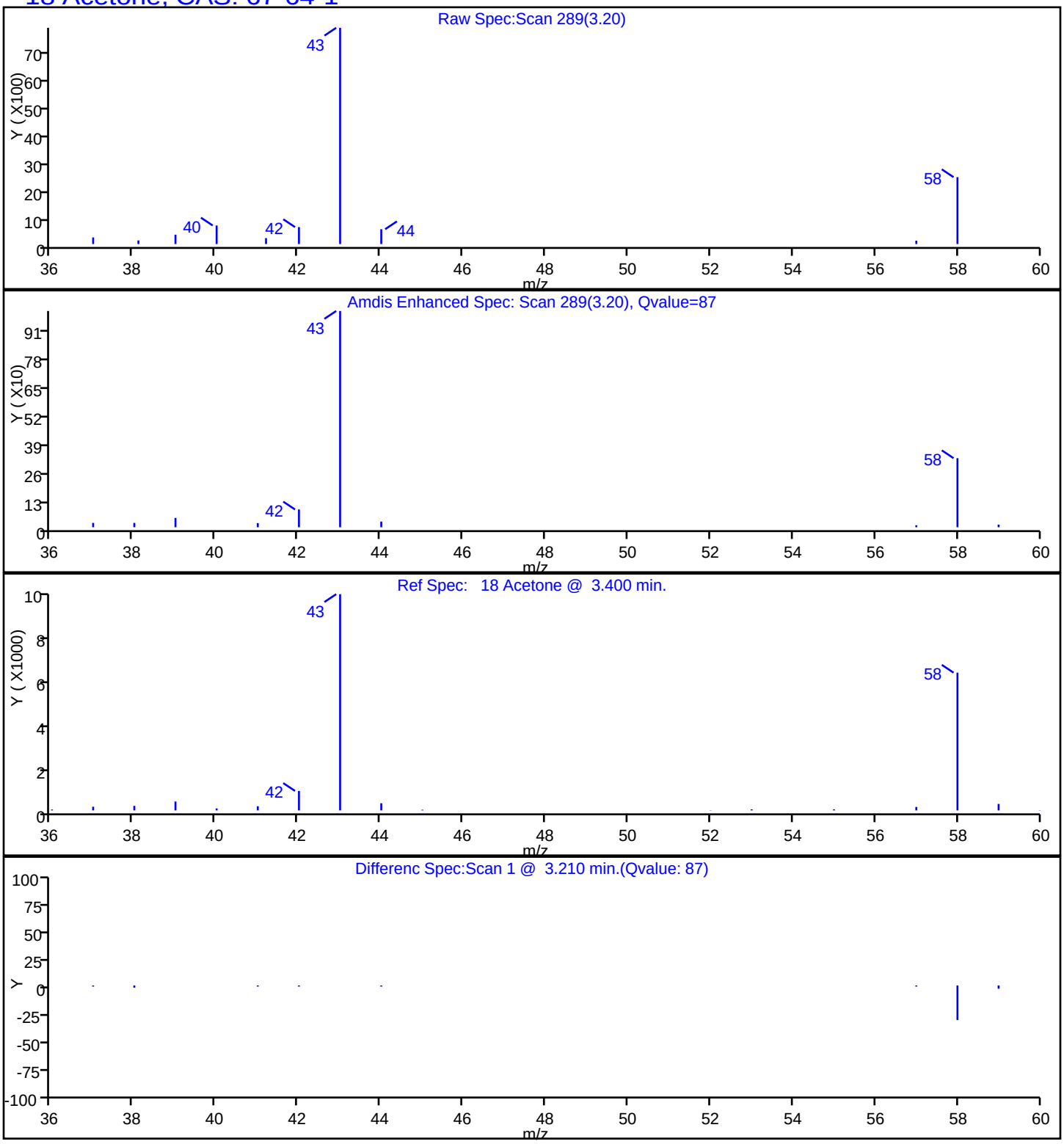
26 Methylene Chloride, CAS: 75-09-2



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16329.D		
Injection Date:	10-Nov-2015 06:10:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-6-A	Lab Sample ID:	460-104194-6
Client ID:	PRA-18 S		
Operator ID:		ALS Bottle#:	15 Worklist Smp#: 16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

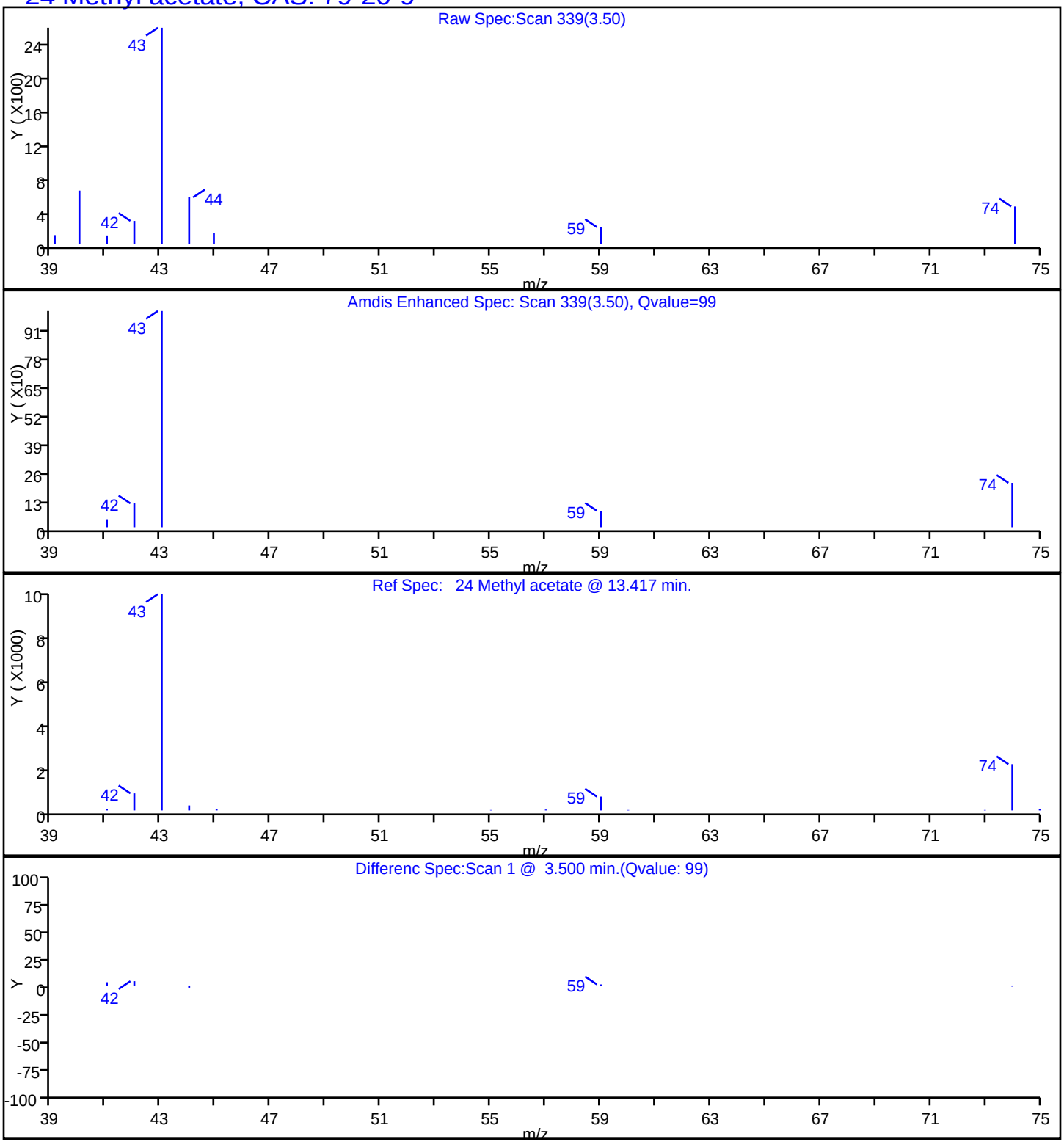
18 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16329.D		
Injection Date:	10-Nov-2015 06:10:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-6-A	Lab Sample ID:	460-104194-6
Client ID:	PRA-18 S		
Operator ID:		ALS Bottle#:	15 Worklist Smp#: 16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

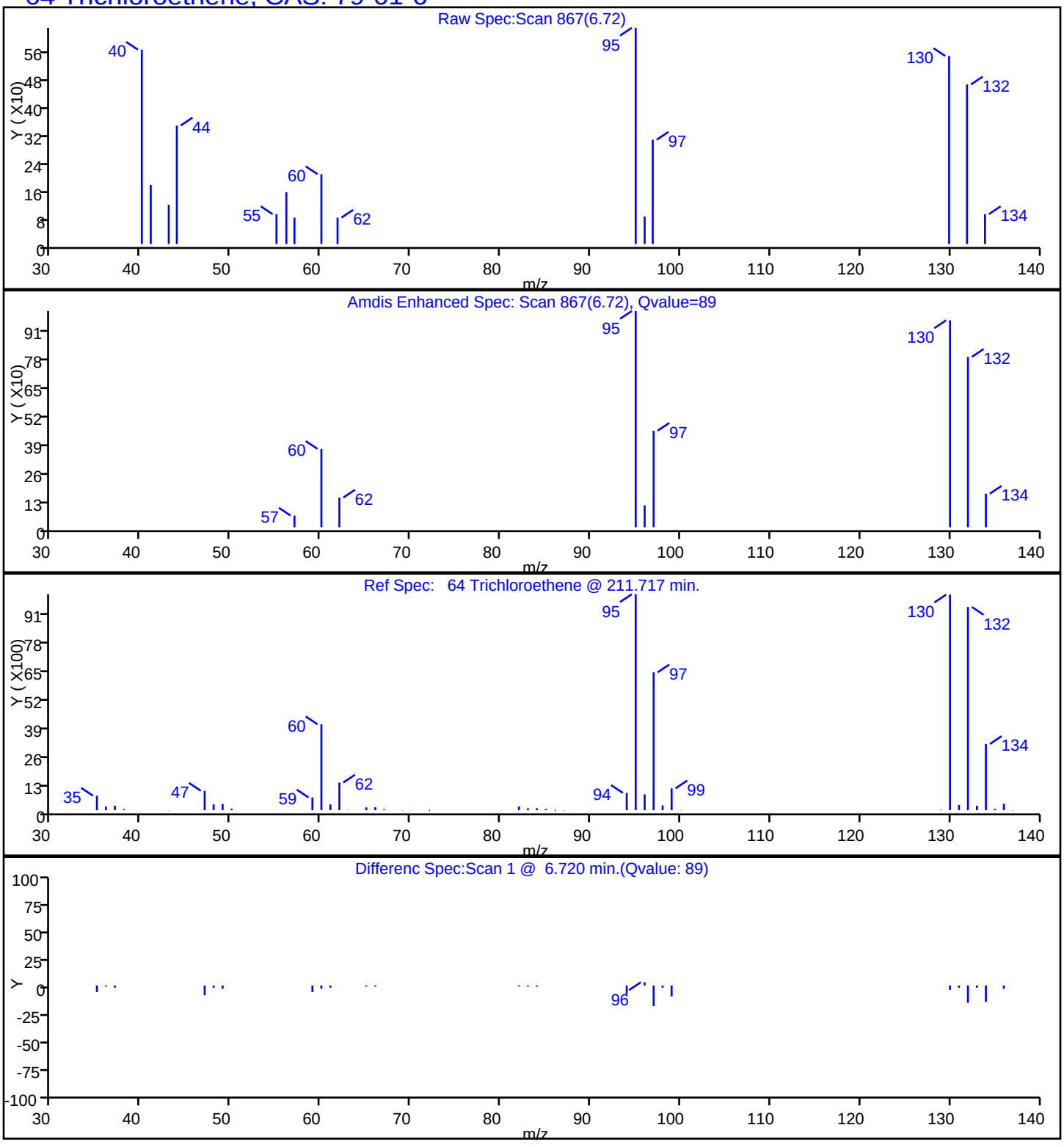
24 Methyl acetate, CAS: 79-20-9



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16329.D		
Injection Date:	10-Nov-2015 06:10:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-6-A	Lab Sample ID:	460-104194-6
Client ID:	PRA-18 S		
Operator ID:		ALS Bottle#:	15 Worklist Smp#: 16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

64 Trichloroethene, CAS: 79-01-6



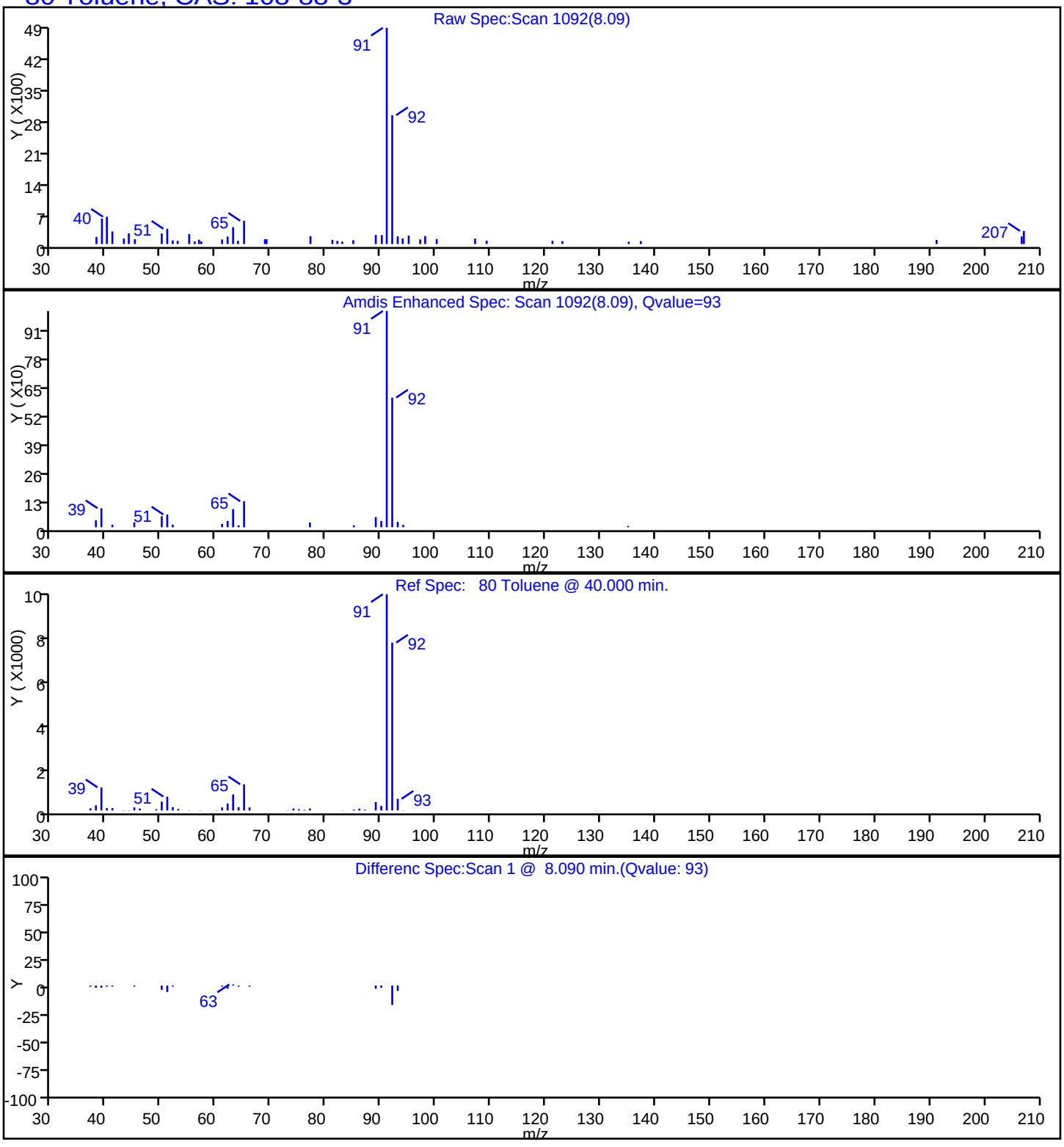
Report Date: 12-Nov-2015 12:52:28 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16329.D

Injection Date:	10-Nov-2015 06:10:30	Instrument ID:	CVOAMS4		
Lims ID:	460-104194-B-6-A	Lab Sample ID:	460-104194-6		
Client ID:	PRA-18 S				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

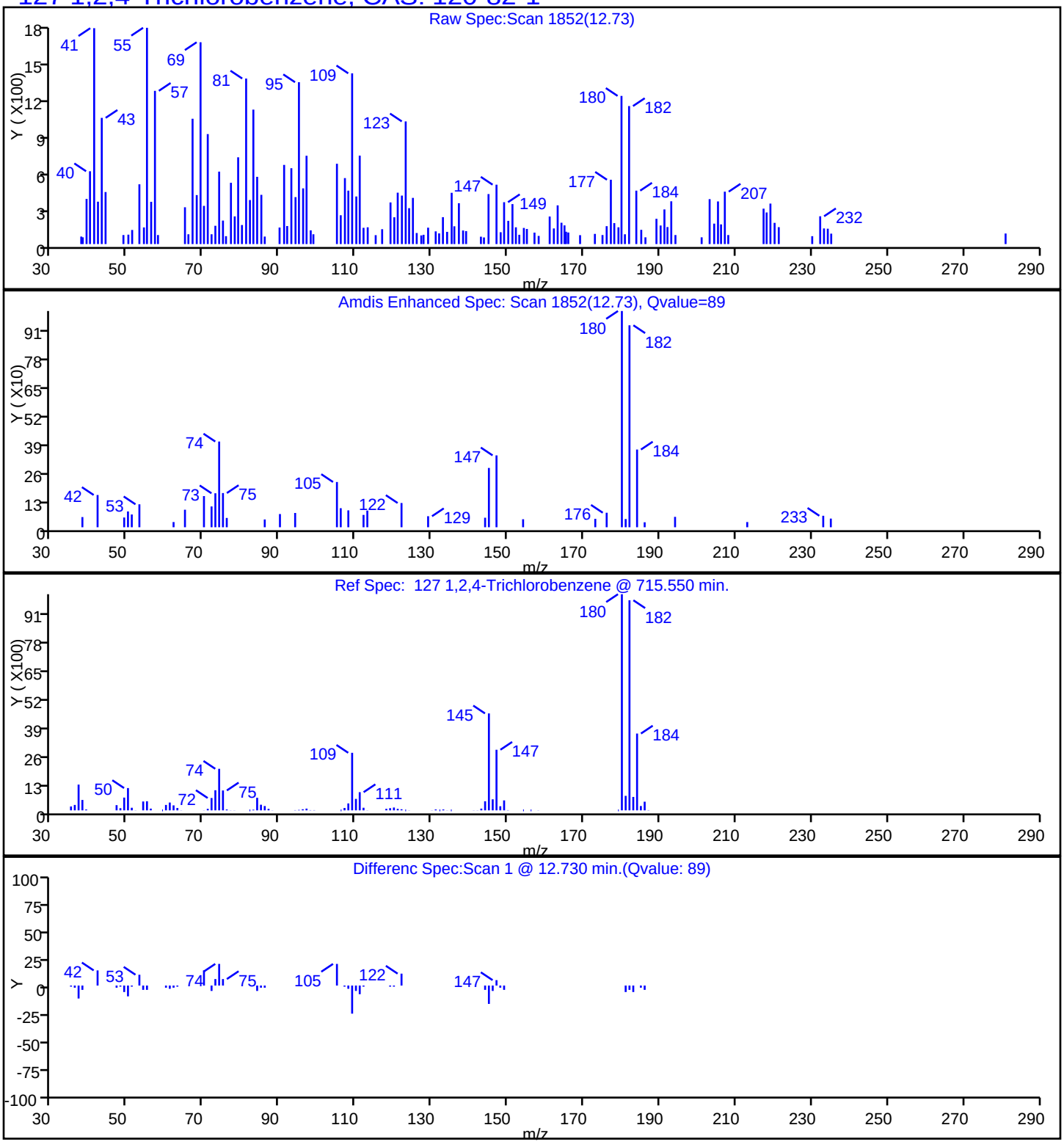
80 Toluene, CAS: 108-88-3



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16329.D				
Injection Date:	10-Nov-2015 06:10:30	Instrument ID:	CVOAMS4		
Lims ID:	460-104194-B-6-A	Lab Sample ID:	460-104194-6		
Client ID:	PRA-18 S				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

127 1,2,4-Trichlorobenzene, CAS: 120-82-1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-10 W | Lab Sample ID: 460-104194-7

Matrix: Solid | Lab File ID: D16330.D

Analysis Method: 8260C | Date Collected: 11/06/2015 10:14

Sample wt/vol: 5.43(g) | Date Analyzed: 11/10/2015 06:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.5 | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.37	U	0.96	0.37
74-83-9	Bromomethane	0.31	U	0.96	0.31
75-01-4	Vinyl chloride	0.38	U	0.96	0.38
75-00-3	Chloroethane	0.34	U	0.96	0.34
75-09-2	Methylene Chloride	0.31	U	0.96	0.31
67-64-1	Acetone	3.7	J	4.8	1.0
75-15-0	Carbon disulfide	0.41	U	0.96	0.41
75-69-4	Trichlorofluoromethane	0.33	U	0.96	0.33
75-35-4	1,1-Dichloroethene	0.40	U	0.96	0.40
75-34-3	1,1-Dichloroethane	0.33	U	0.96	0.33
156-60-5	trans-1,2-Dichloroethene	0.38	U	0.96	0.38
156-59-2	cis-1,2-Dichloroethene	0.21	U	0.96	0.21
67-66-3	Chloroform	0.20	U	0.96	0.20
78-93-3	2-Butanone	0.74	U	4.8	0.74
107-06-2	1,2-Dichloroethane	0.11	U	0.96	0.11
71-55-6	1,1,1-Trichloroethane	0.37	U	0.96	0.37
56-23-5	Carbon tetrachloride	0.41	U	0.96	0.41
71-43-2	Benzene	0.19	U	0.96	0.19
75-25-2	Bromoform	0.13	U	0.96	0.13
100-42-5	Styrene	0.14	U	0.96	0.14
100-41-4	Ethylbenzene	0.17	U	0.96	0.17
108-90-7	Chlorobenzene	0.14	U	0.96	0.14
110-82-7	Cyclohexane	0.44	U	0.96	0.44
98-82-8	Isopropylbenzene	0.16	U	0.96	0.16
591-78-6	2-Hexanone	0.91	U	4.8	0.91
1634-04-4	MTBE	0.16	U	0.96	0.16
76-13-1	Freon TF	0.42	U	0.96	0.42
79-20-9	Methyl acetate	0.87	U	4.8	0.87
123-91-1	1,4-Dioxane	6.2	U	19	6.2
79-01-6	Trichloroethene	0.25	U	0.96	0.25
108-88-3	Toluene	0.18	U	0.96	0.18
10061-02-6	trans-1,3-Dichloropropene	0.096	U	0.96	0.096
108-10-1	4-Methyl-2-pentanone	2.1	U	4.8	2.1
10061-01-5	cis-1,3-Dichloropropene	0.14	U	0.96	0.14
95-50-1	1,2-Dichlorobenzene	0.14	U	0.96	0.14
541-73-1	1,3-Dichlorobenzene	0.12	U	0.96	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-10 W | Lab Sample ID: 460-104194-7

Matrix: Solid | Lab File ID: D16330.D

Analysis Method: 8260C | Date Collected: 11/06/2015 10:14

Sample wt/vol: 5.43(g) | Date Analyzed: 11/10/2015 06:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.5 | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.33	J	0.96	0.13
120-82-1	1,2,4-Trichlorobenzene	0.91	J	0.96	0.31
87-61-6	1,2,3-Trichlorobenzene	0.11	U	0.96	0.11
78-87-5	1,2-Dichloropropane	0.16	U	0.96	0.16
108-87-2	Methylcyclohexane	0.48	U	0.96	0.48
127-18-4	Tetrachloroethene	0.27	U	0.96	0.27
1330-20-7	Xylenes, Total	0.11	U	1.9	0.11
96-12-8	1,2-Dibromo-3-Chloropropane	0.45	U	0.96	0.45
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	0.96	0.16
79-00-5	1,1,2-Trichloroethane	0.27	U	0.96	0.27
124-48-1	Dibromochloromethane	0.14	U	0.96	0.14
106-93-4	1,2-Dibromoethane	0.12	U	0.96	0.12
75-71-8	Dichlorodifluoromethane	0.31	U	0.96	0.31
74-97-5	Bromochloromethane	0.16	U	0.96	0.16
75-27-4	Bromodichloromethane	0.37	U	0.96	0.37

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		78-135
2037-26-5	Toluene-d8 (Surr)	91		73-121
460-00-4	Bromofluorobenzene	98		67-126
1868-53-7	Dibromofluoromethane (Surr)	103		61-149

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-10 W | Lab Sample ID: 460-104194-7

Matrix: Solid | Lab File ID: D16330.D

Analysis Method: 8260C | Date Collected: 11/06/2015 10:14

Sample wt/vol: 5.43(g) | Date Analyzed: 11/10/2015 06:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.5 | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 141.2

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	11.30	25	J
1074-17-5	Benzene, 1-methyl-2-propyl-	11.44	10	J N
	Unknown	11.68	17	J
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.94	18	J N
99-87-6	Benzene, 1-methyl-4-(1-methylethyl)-	12.31	17	J N
	Unknown	12.43	10	J
	Unknown	13.39	9.7	J
54340-87-3	1H-Indene, 2,3-dihydro-1,4,7-trimethyl-	13.88	14	J N
	Unknown	14.10	9.5	J
	Unknown	15.02	11	J

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16330.D
Lims ID: 460-104194-B-7-A Lab Sample ID: 460-104194-7
Client ID: PRA-10 W
Sample Type: Client
Inject. Date: 10-Nov-2015 06:34:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104194-B-7-A
Misc. Info.: 460-0034014-017
Operator ID: Instrument ID: CVOAMS4

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Nov-2015 12:45:26 Calib Date: 05-Nov-2015 02:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: martineze Date: 10-Nov-2015 12:26:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
18 Acetone	43	3.199	3.193	0.006	85	7925	3.78	
* 27 TBA-d9 (IS)	65	3.650	3.644	0.006	89	347447	1000.0	
* 38 2-Butanone-d5	46	4.948	4.948	0.000	96	297805	250.0	
$ 51 Dibromofluoromethane (Surr	113	5.521	5.528	-0.007	97	111414	51.6	
$ 56 1,2-Dichloroethane-d4 (Sur	102	5.954	5.954	0.000	97	24539	52.4	
* 62 Fluorobenzene	96	6.289	6.283	0.006	98	414129	50.0	
* 68 1,4-Dioxane-d8	96	7.119	7.125	-0.006	34	22895	1000.0	
$ 79 Toluene-d8 (Surr)	98	8.027	8.027	0.000	99	391199	45.7	
* 90 Chlorobenzene-d5	117	9.325	9.326	-0.001	87	355815	50.0	
$ 101 4-Bromofluorobenzene	174	10.258	10.252	0.006	95	142902	49.0	
* 117 1,4-Dichlorobenzene-d4	152	11.093	11.094	-0.001	96	209933	50.0	
118 1,4-Dichlorobenzene	146	11.106	11.106	0.000	39	2690	0.3384	
127 1,2,4-Trichlorobenzene	180	12.727	12.727	0.000	81	5991	0.9420	

Reagents:

8260SURR250_00098 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16330.D
Lims ID: 460-104194-B-7-A Lab Sample ID: 460-104194-7
Client ID: PRA-10 W
Sample Type: Client
Inject. Date: 10-Nov-2015 06:34:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104194-B-7-A
Misc. Info.: 460-0034014-017
Operator ID: Instrument ID: CVOAMS4

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Nov-2015 12:45:26 Calib Date: 05-Nov-2015 02:31:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 85

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: martineze Date: 10-Nov-2015 12:26:13

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
11.295	797792	26.2	117					
1074-17-5		Benzene, 1-methyl-2-propyl-						
11.435	328782	10.8	117	90	14342	C10H14	134	
		Unknown						
11.679	523241	17.2	117					
527-84-4		Benzene, 1-methyl-2-(1-methylethyl)-						
11.941	553914	18.2	117	90	14406	C10H14	134	
99-87-6		Benzene, 1-methyl-4-(1-methylethyl)-						
12.307	541520	17.8	117	90	14396	C10H14	134	I
		Unknown						
12.428	319904	10.5	117					
		Unknown						
13.386	307076	10.1	117					
54340-87-3		1H-Indene, 2,3-dihydro-1,4,7-trimethyl-						
13.879	445683	14.7	117	93	29417	C12H16	160	
		Unknown						
14.099	298444	9.82	117					
		Unknown						
15.019	331099	10.9	117					

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 117 1,4-Dichlorobenzene-d4	11.093	1520078	50.0

QC Flag Legend

Processing Flags
Review Flags
I - User Selected Library Match

Reagents:

8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

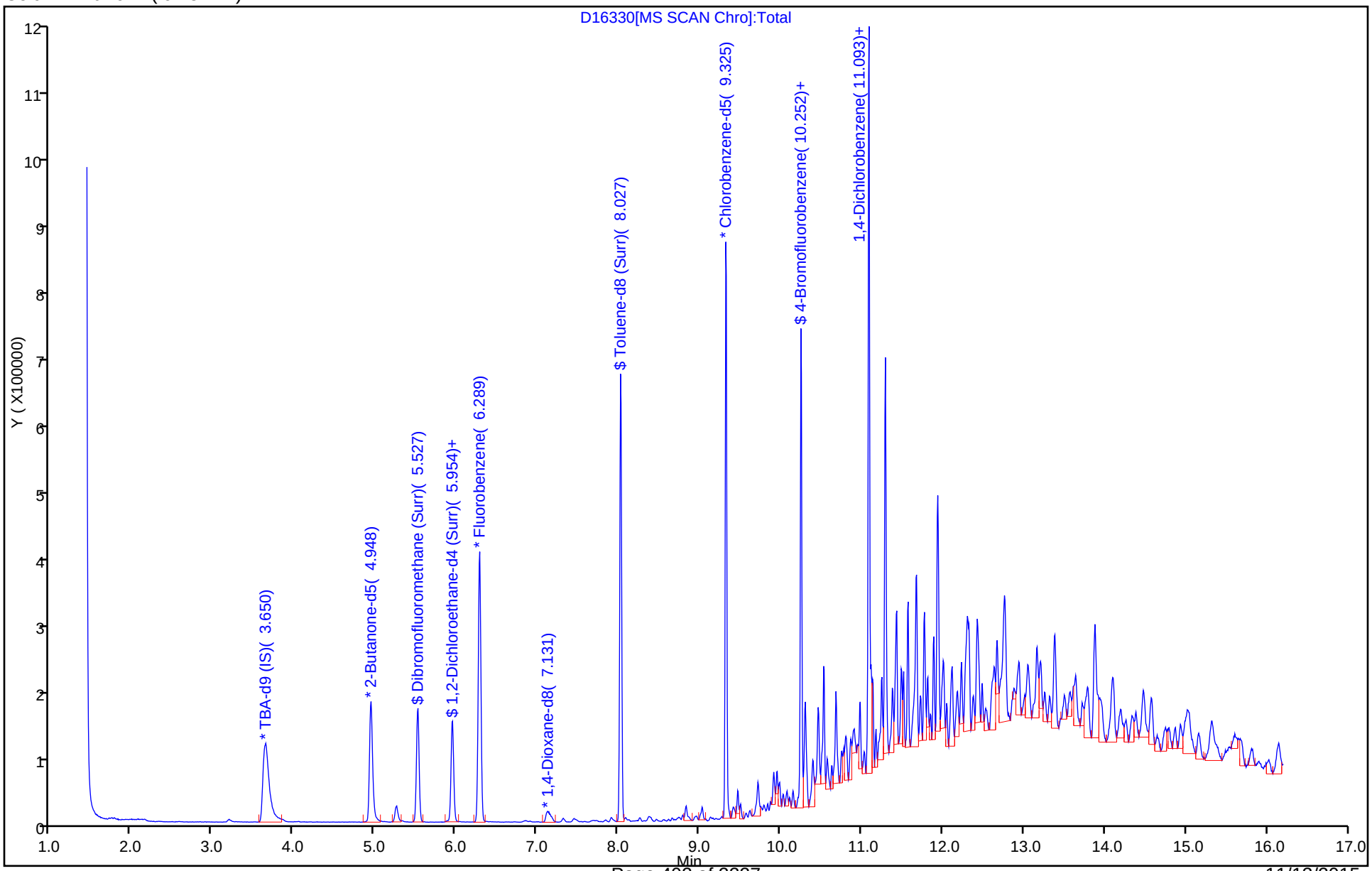
Report Date: 12-Nov-2015 12:45:30 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16330.D

Injection Date:	10-Nov-2015 06:34:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-104194-B-7-A	Lab Sample ID:	460-104194-7	Worklist Smp#:	17
Client ID:	PRA-10 W				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)

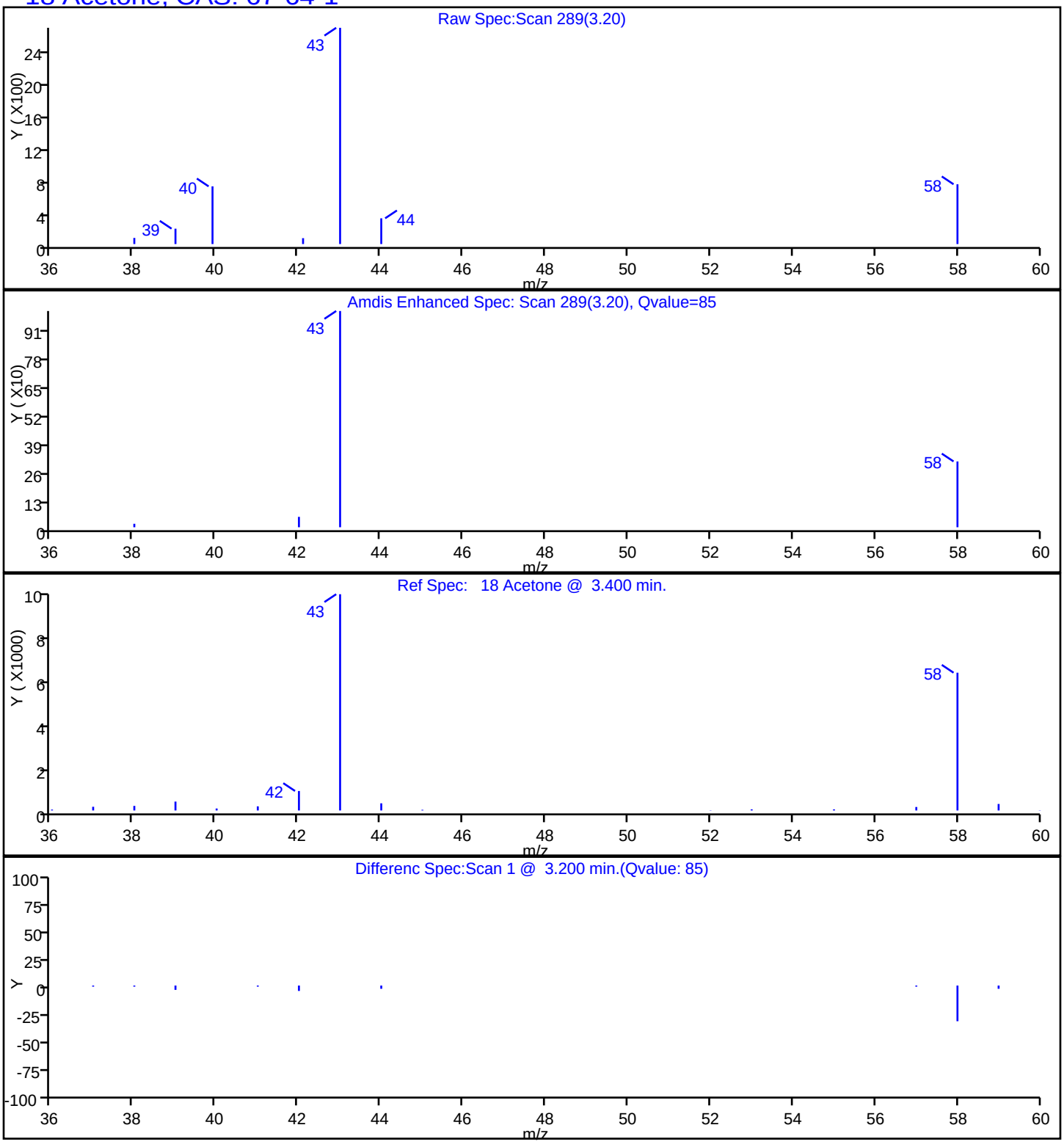


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16330.D

Injection Date:	10-Nov-2015 06:34:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-7-A	Lab Sample ID:	460-104194-7
Client ID:	PRA-10 W		
Operator ID:		ALS Bottle#:	16 Worklist Smp#: 17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

18 Acetone, CAS: 67-64-1

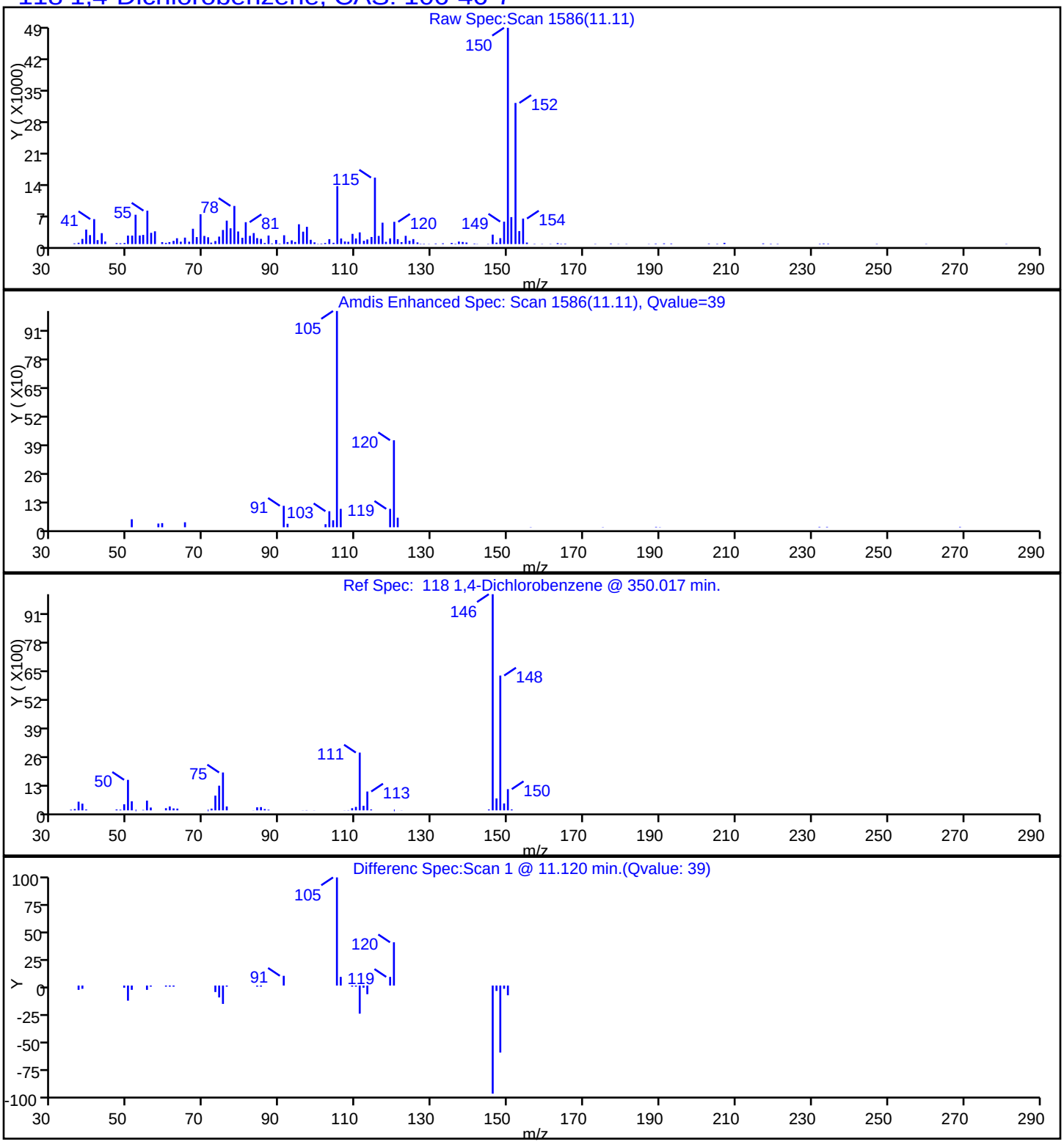


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16330.D

Injection Date:	10-Nov-2015 06:34:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-7-A	Lab Sample ID:	460-104194-7
Client ID:	PRA-10 W		
Operator ID:		ALS Bottle#:	16 Worklist Smp#: 17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

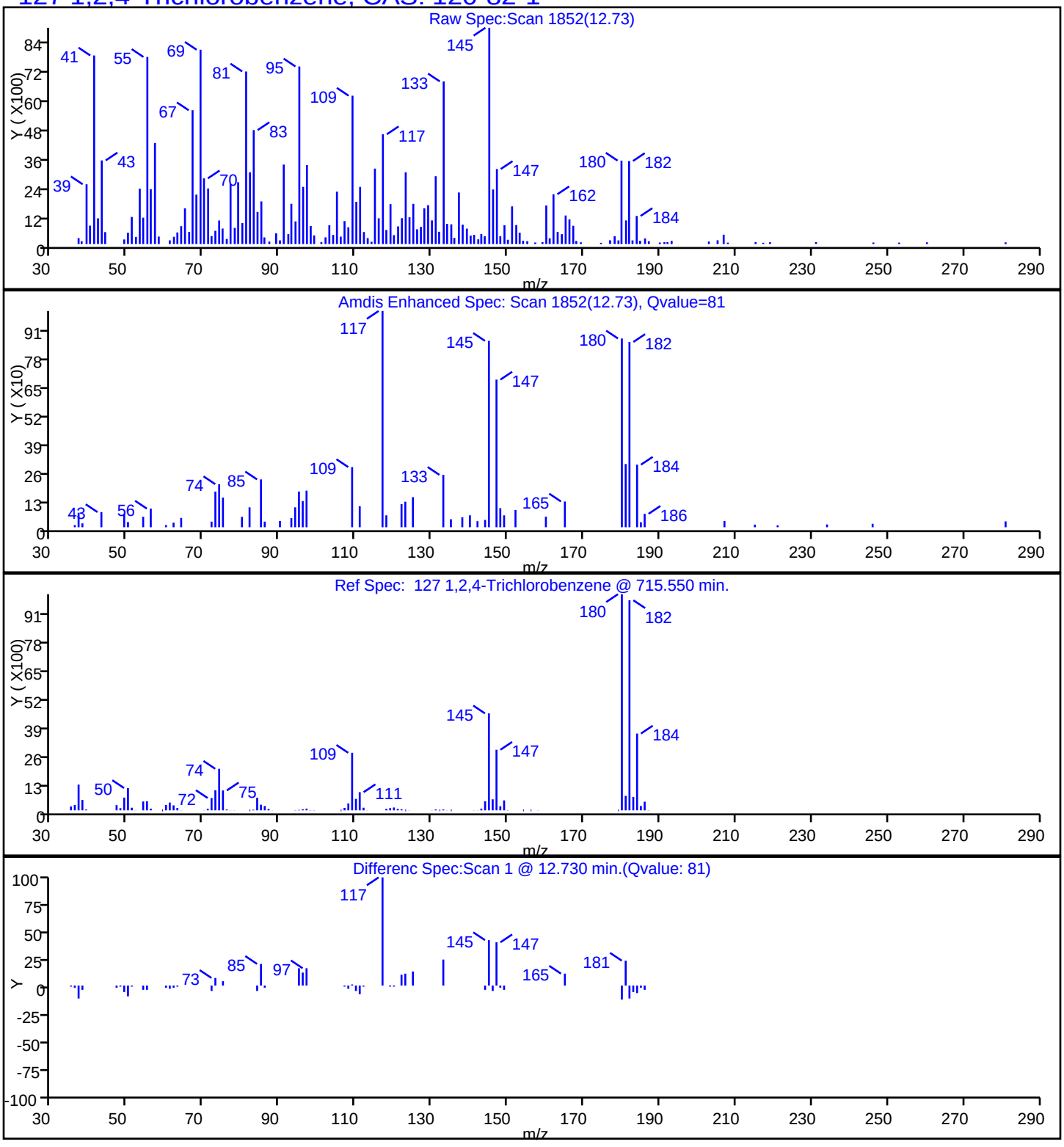
118 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16330.D		
Injection Date:	10-Nov-2015 06:34:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-7-A	Lab Sample ID:	460-104194-7
Client ID:	PRA-10 W		
Operator ID:		ALS Bottle#:	16 Worklist Smp#: 17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

127 1,2,4-Trichlorobenzene, CAS: 120-82-1



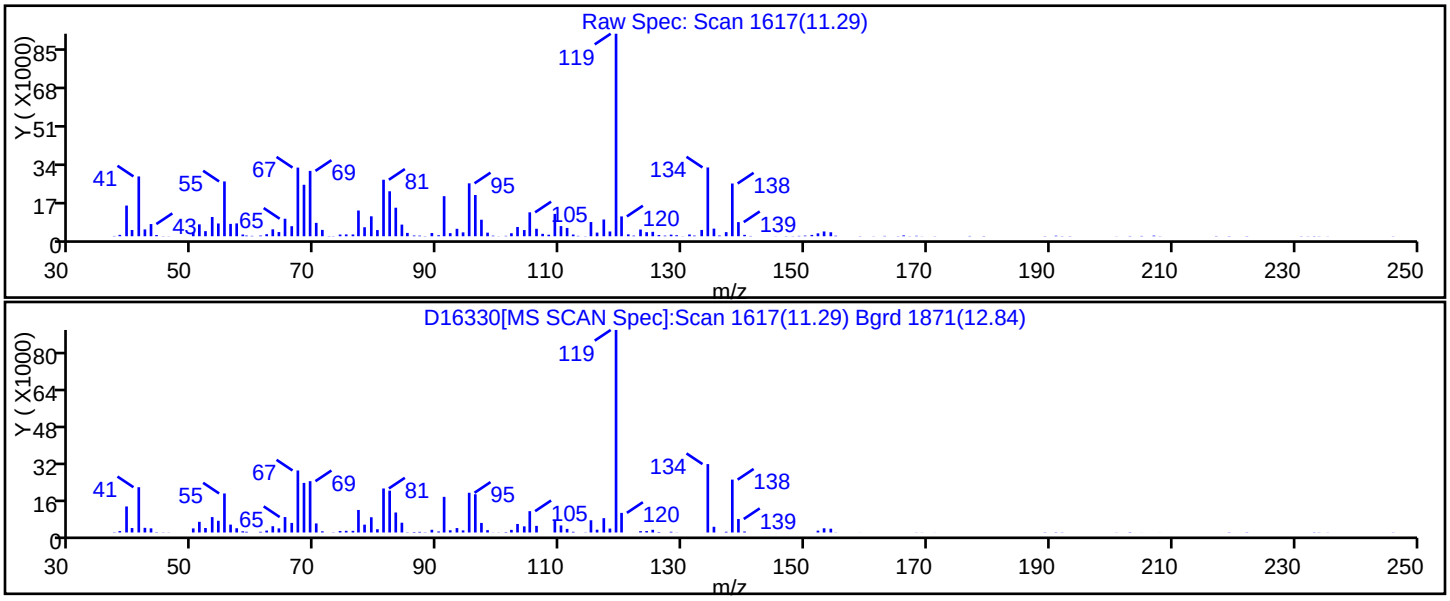
Report Date: 12-Nov-2015 12:45:31 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16330.D

Injection Date:	10-Nov-2015 06:34:30	Instrument ID:	CVOAMS4		
Lims ID:	460-104194-B-7-A	Lab Sample ID:	460-104194-7		
Client ID:	PRA-10 W				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85

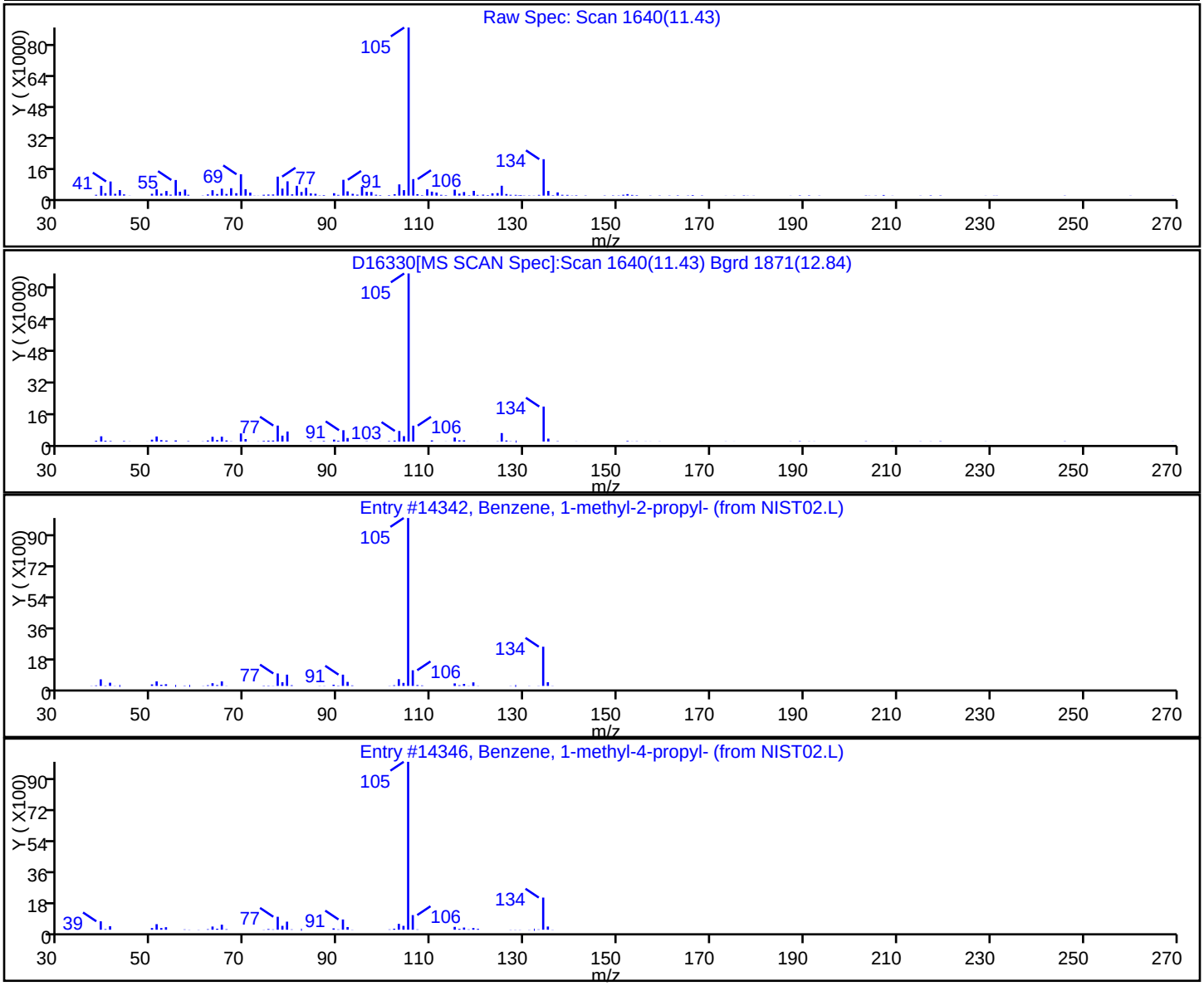


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16330.D

Injection Date:	10-Nov-2015 06:34:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-7-A	Lab Sample ID:	460-104194-7
Client ID:	PRA-10 W		
Operator ID:		ALS Bottle#:	16 Worklist Smp#: 17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-methyl-2-propyl-	1074-17-5	NIST02.L	14342	C10H14	134	90
Benzene, 1-methyl-4-propyl-	1074-55-1	NIST02.L	14346	C10H14	134	90



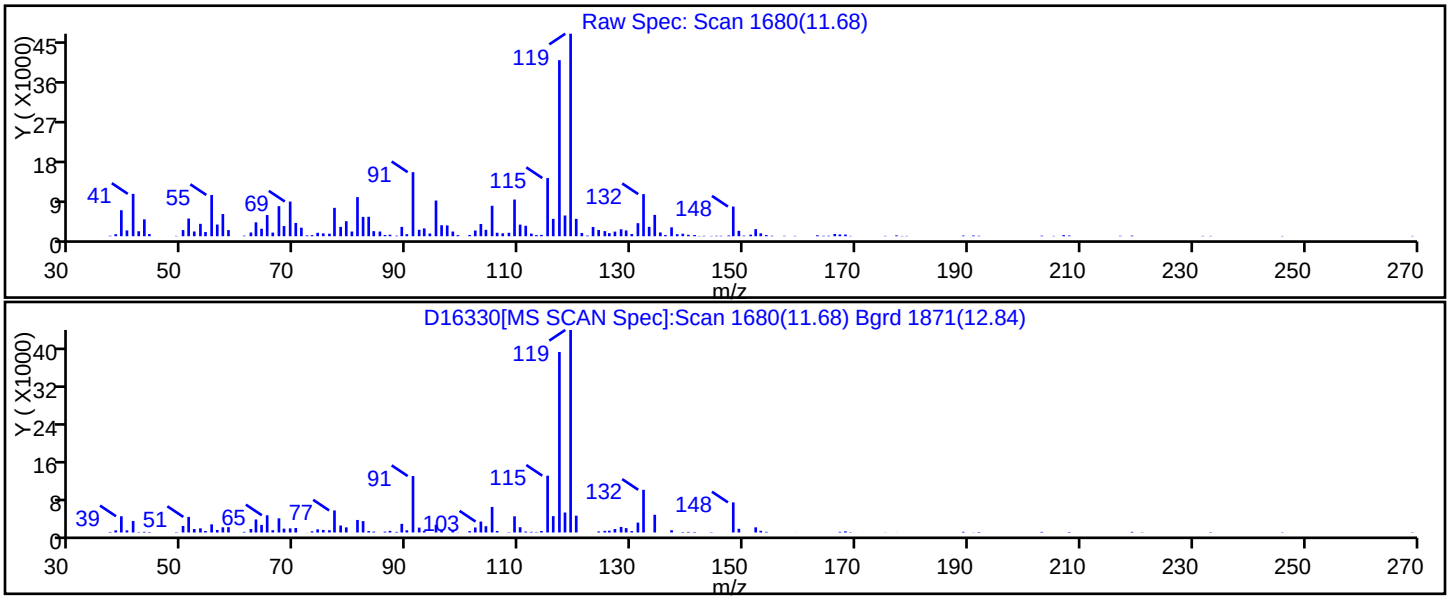
Report Date: 12-Nov-2015 12:45:32 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16330.D

Injection Date:	10-Nov-2015 06:34:30	Instrument ID:	CVOAMS4		
Lims ID:	460-104194-B-7-A	Lab Sample ID:	460-104194-7		
Client ID:	PRA-10 W				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



Report Date: 12-Nov-2015 12:45:32 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16330.D

Injection Date: 10-Nov-2015 06:34:30 Instrument ID: CVOAMS4

Lims ID: 460-104194-B-7-A Lab Sample ID: 460-104194-7

Client ID: PRA-10 W

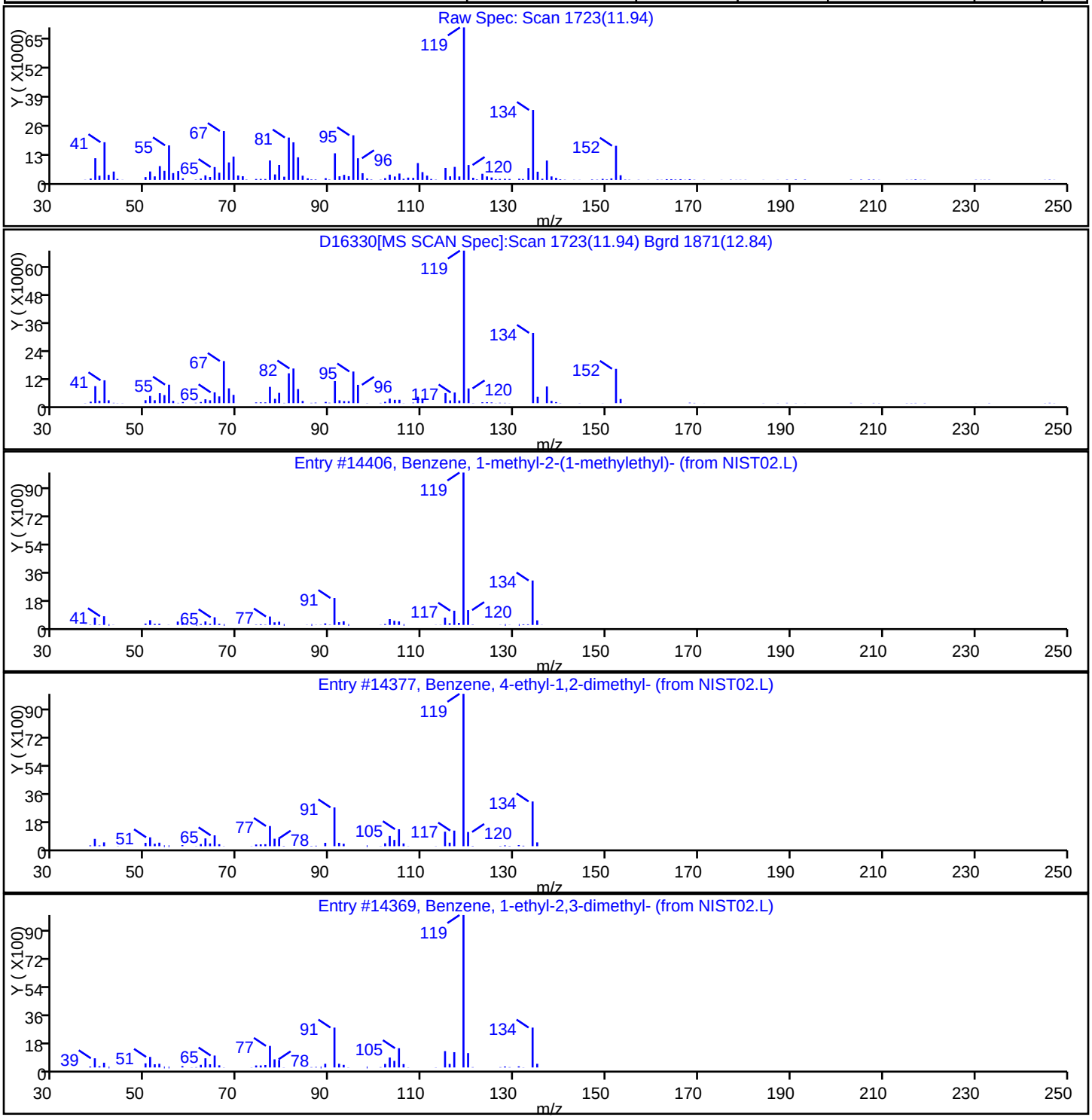
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

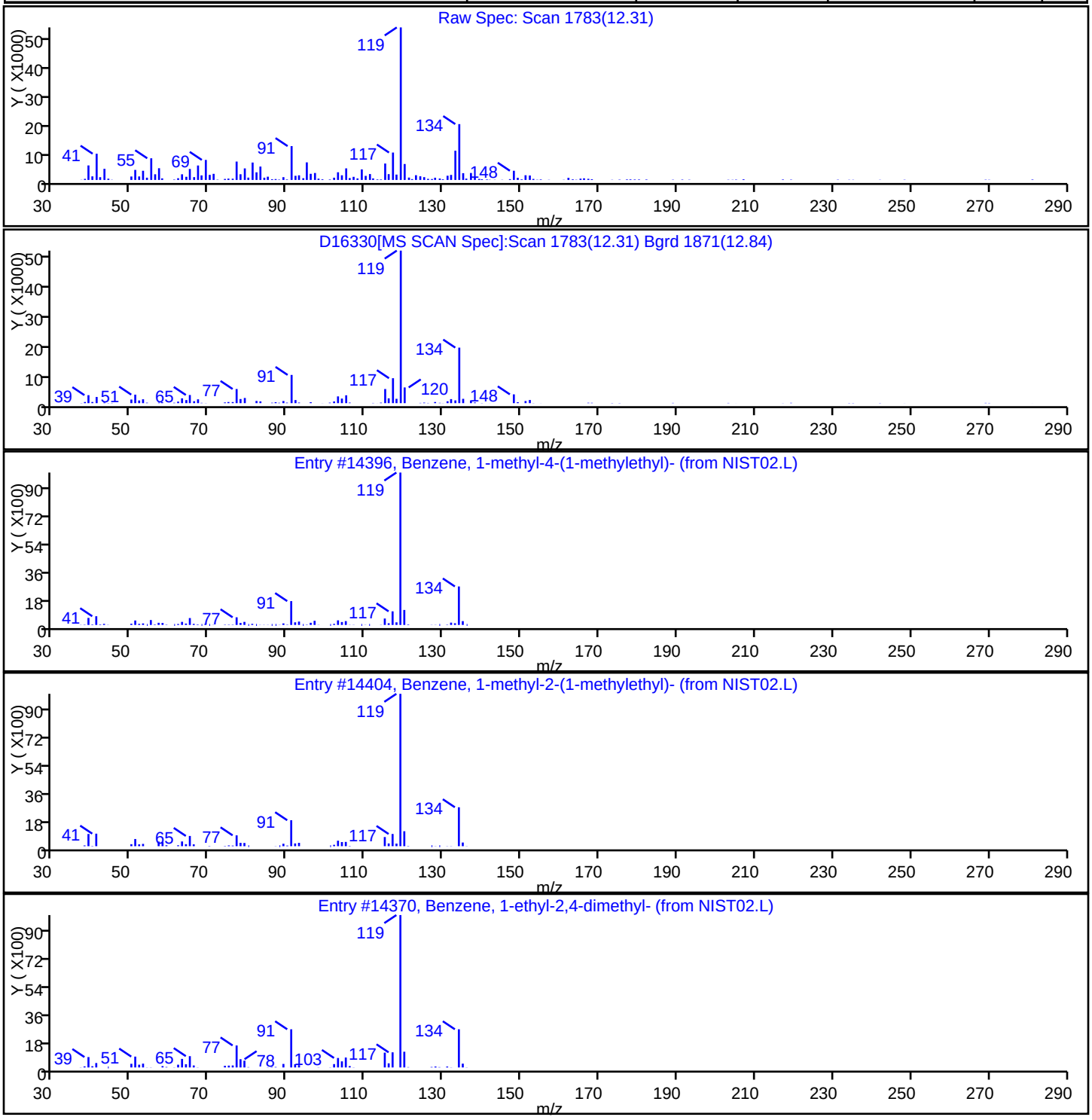
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14406	C10H14	134	90
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.L	14377	C10H14	134	87
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.L	14369	C10H14	134	87



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16330.D
Injection Date: 10-Nov-2015 06:34:30 Instrument ID: CVOAMS4
Lims ID: 460-104194-B-7-A Lab Sample ID: 460-104194-7
Client ID: PRA-10 W
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-methyl-4-(1-methylethyl)-	99-87-6	NIST02.L	14396	C10H14	134	90
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14404	C10H14	134	95
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.L	14370	C10H14	134	94



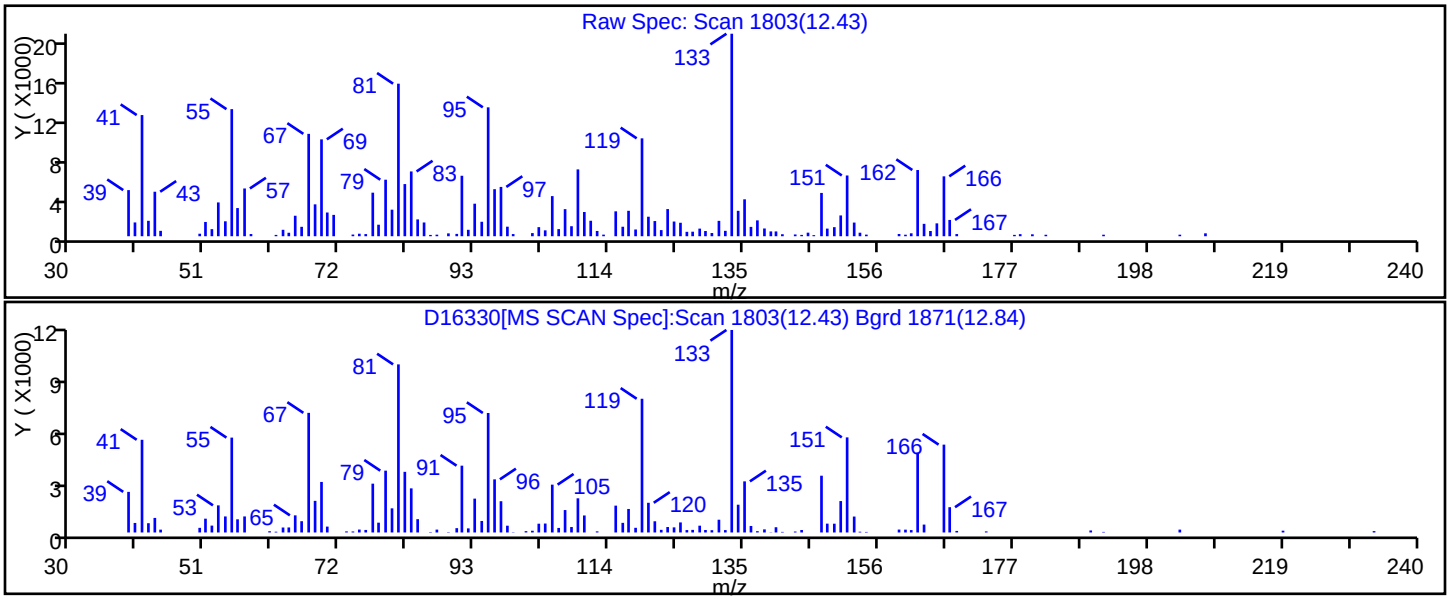
Report Date: 12-Nov-2015 12:45:32 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16330.D

Injection Date:	10-Nov-2015 06:34:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-7-A	Lab Sample ID:	460-104194-7
Client ID:	PRA-10 W		
Operator ID:		ALS Bottle#:	16 Worklist Smp#: 17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



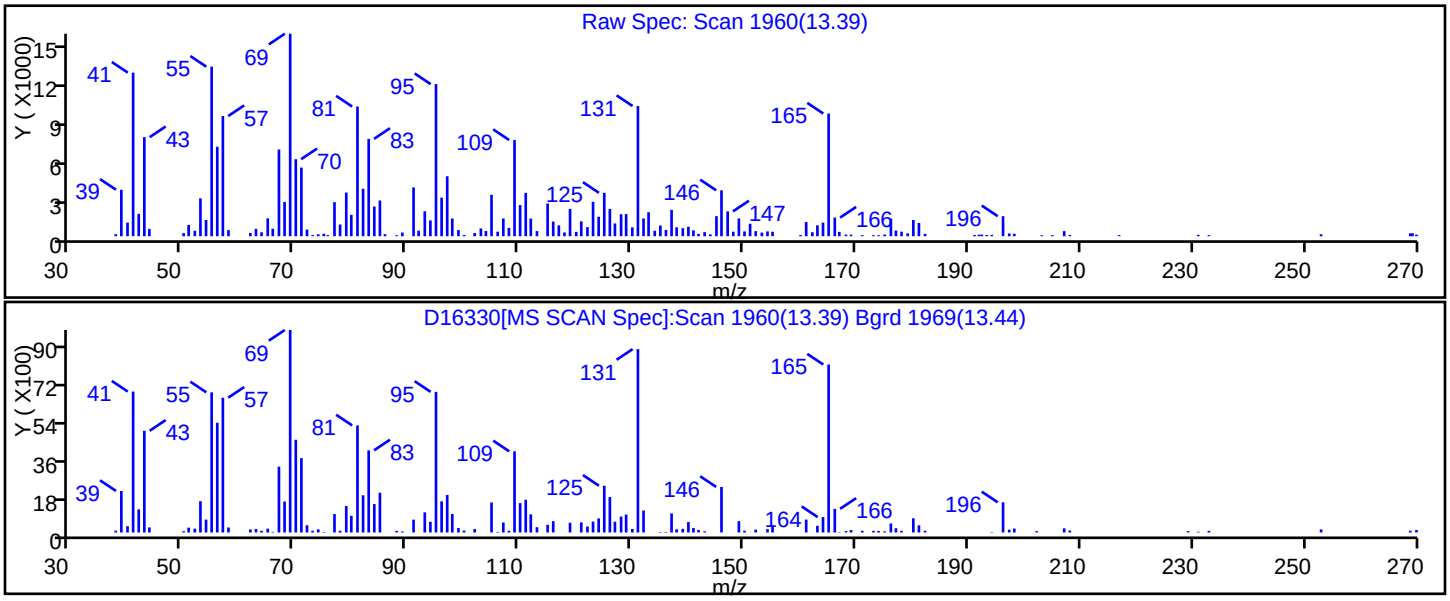
Report Date: 12-Nov-2015 12:45:32 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16330.D

Injection Date:	10-Nov-2015 06:34:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-7-A	Lab Sample ID:	460-104194-7
Client ID:	PRA-10 W		
Operator ID:		ALS Bottle#:	16 Worklist Smp#: 17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85

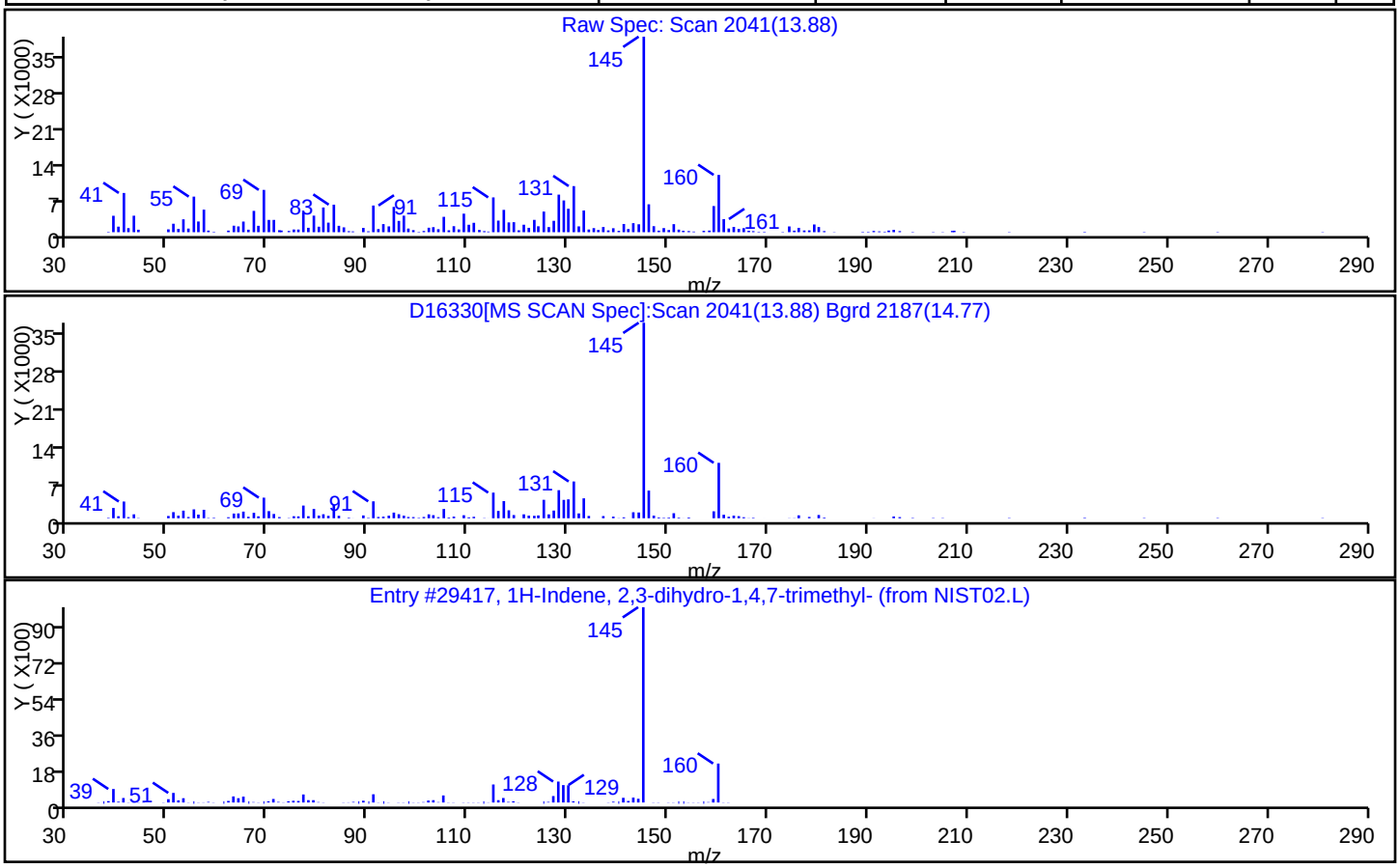


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16330.D

Injection Date:	10-Nov-2015 06:34:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-7-A	Lab Sample ID:	460-104194-7
Client ID:	PRA-10 W		
Operator ID:		ALS Bottle#:	16 Worklist Smp#: 17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1H-Indene, 2,3-dihydro-1,4,7-trimethyl-	54340-87-3	NIST02.L	29417	C12H16	160	93



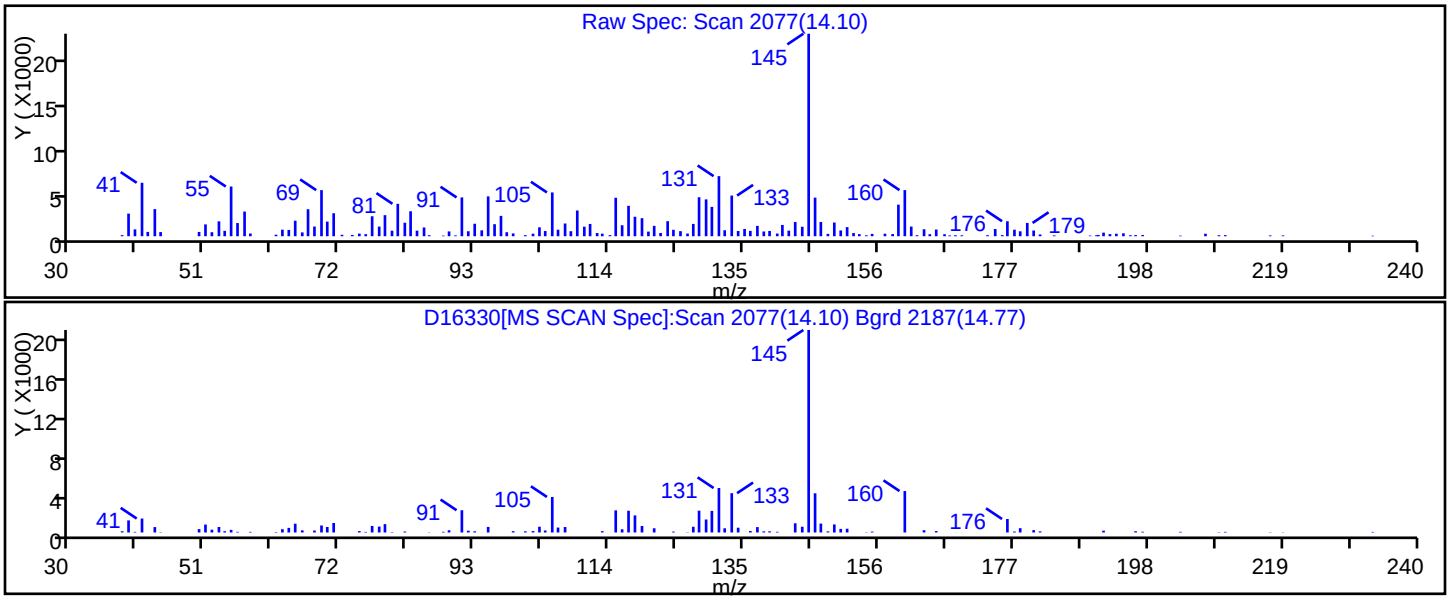
Report Date: 12-Nov-2015 12:45:32 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16330.D

Injection Date:	10-Nov-2015 06:34:30	Instrument ID:	CVOAMS4		
Lims ID:	460-104194-B-7-A	Lab Sample ID:	460-104194-7		
Client ID:	PRA-10 W				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



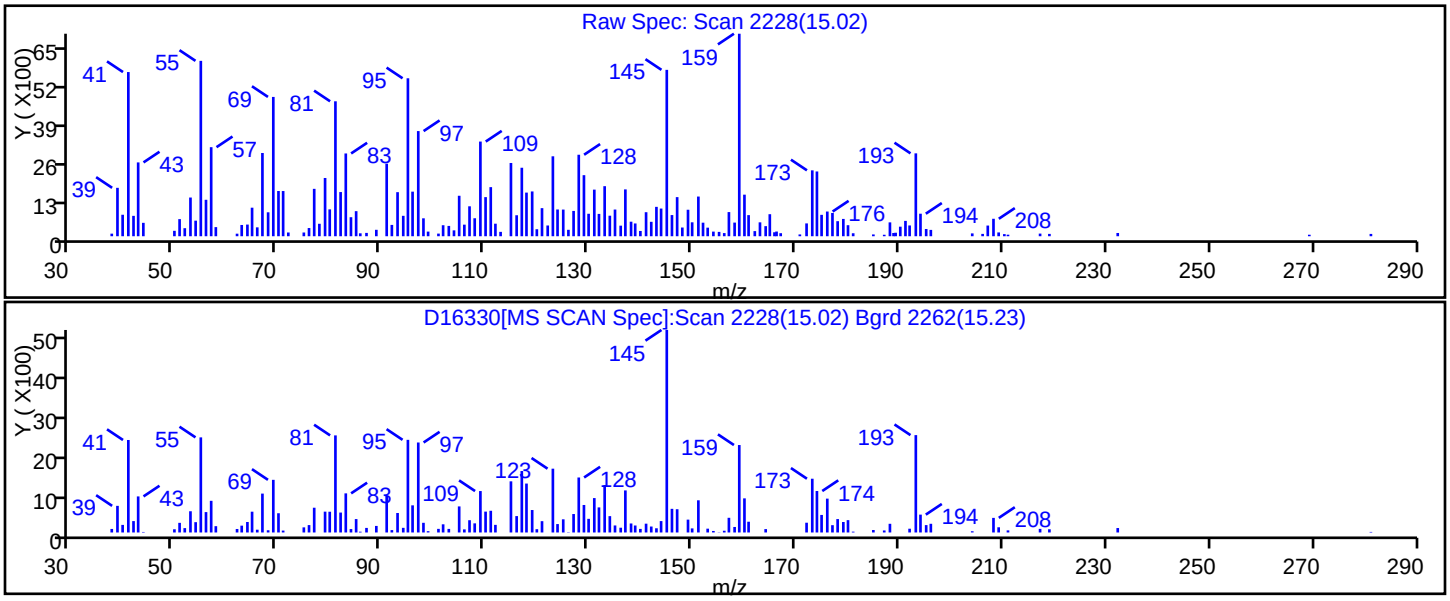
Report Date: 12-Nov-2015 12:45:33 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16330.D

Injection Date:	10-Nov-2015 06:34:30	Instrument ID:	CVOAMS4		
Lims ID:	460-104194-B-7-A	Lab Sample ID:	460-104194-7		
Client ID:	PRA-10 W				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18-SE | Lab Sample ID: 460-104194-8

Matrix: Solid | Lab File ID: D16331.D

Analysis Method: 8260C | Date Collected: 11/06/2015 10:20

Sample wt/vol: 5.291(g) | Date Analyzed: 11/10/2015 06:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.5 | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.38	U	0.99	0.38
74-83-9	Bromomethane	0.32	U	0.99	0.32
75-01-4	Vinyl chloride	0.39	U	0.99	0.39
75-00-3	Chloroethane	0.35	U	0.99	0.35
75-09-2	Methylene Chloride	0.32	U	0.99	0.32
67-64-1	Acetone	24		4.9	1.0
75-15-0	Carbon disulfide	0.43	U	0.99	0.43
75-69-4	Trichlorofluoromethane	0.34	U	0.99	0.34
75-35-4	1,1-Dichloroethene	0.41	U	0.99	0.41
75-34-3	1,1-Dichloroethane	0.34	U	0.99	0.34
156-60-5	trans-1,2-Dichloroethene	0.39	U	0.99	0.39
156-59-2	cis-1,2-Dichloroethene	0.22	U	0.99	0.22
67-66-3	Chloroform	0.21	U	0.99	0.21
78-93-3	2-Butanone	0.76	U	4.9	0.76
107-06-2	1,2-Dichloroethane	0.11	U	0.99	0.11
71-55-6	1,1,1-Trichloroethane	0.38	U	0.99	0.38
56-23-5	Carbon tetrachloride	0.43	U	0.99	0.43
71-43-2	Benzene	0.20	U	0.99	0.20
75-25-2	Bromoform	0.13	U	0.99	0.13
100-42-5	Styrene	0.15	U	0.99	0.15
100-41-4	Ethylbenzene	0.18	U	0.99	0.18
108-90-7	Chlorobenzene	0.14	U	0.99	0.14
110-82-7	Cyclohexane	0.46	U	0.99	0.46
98-82-8	Isopropylbenzene	0.17	U	0.99	0.17
591-78-6	2-Hexanone	0.93	U	4.9	0.93
1634-04-4	MTBE	0.17	U	0.99	0.17
76-13-1	Freon TF	0.44	U	0.99	0.44
79-20-9	Methyl acetate	0.89	U	4.9	0.89
123-91-1	1,4-Dioxane	6.3	U	20	6.3
79-01-6	Trichloroethene	0.26	U	0.99	0.26
108-88-3	Toluene	0.19	U	0.99	0.19
10061-02-6	trans-1,3-Dichloropropene	0.099	U	0.99	0.099
108-10-1	4-Methyl-2-pentanone	2.2	U	4.9	2.2
10061-01-5	cis-1,3-Dichloropropene	0.15	U	0.99	0.15
95-50-1	1,2-Dichlorobenzene	0.14	U	0.99	0.14
541-73-1	1,3-Dichlorobenzene	0.12	U	0.99	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18-SE | Lab Sample ID: 460-104194-8

Matrix: Solid | Lab File ID: D16331.D

Analysis Method: 8260C | Date Collected: 11/06/2015 10:20

Sample wt/vol: 5.291(g) | Date Analyzed: 11/10/2015 06:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.5 | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.52	J	0.99	0.13
120-82-1	1,2,4-Trichlorobenzene	0.64	J	0.99	0.32
87-61-6	1,2,3-Trichlorobenzene	0.11	U	0.99	0.11
78-87-5	1,2-Dichloropropane	0.17	U	0.99	0.17
108-87-2	Methylcyclohexane	0.49	U	0.99	0.49
127-18-4	Tetrachloroethene	0.28	U	0.99	0.28
1330-20-7	Xylenes, Total	0.11	U	2.0	0.11
96-12-8	1,2-Dibromo-3-Chloropropane	0.47	U	0.99	0.47
79-34-5	1,1,2,2-Tetrachloroethane	0.17	U	0.99	0.17
79-00-5	1,1,2-Trichloroethane	0.28	U	0.99	0.28
124-48-1	Dibromochloromethane	0.15	U	0.99	0.15
106-93-4	1,2-Dibromoethane	0.12	U	0.99	0.12
75-71-8	Dichlorodifluoromethane	0.32	U	0.99	0.32
74-97-5	Bromochloromethane	0.17	U	0.99	0.17
75-27-4	Bromodichloromethane	0.38	U	0.99	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	128		78-135
2037-26-5	Toluene-d8 (Surr)	108		73-121
460-00-4	Bromofluorobenzene	118		67-126
1868-53-7	Dibromofluoromethane (Surr)	126		61-149

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18-SE Lab Sample ID: 460-104194-8

Matrix: Solid Lab File ID: D16331.D

Analysis Method: 8260C Date Collected: 11/06/2015 10:20

Sample wt/vol: 5.291(g) Date Analyzed: 11/10/2015 06:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.5 Level: (low/med) Low

Analysis Batch No.: 334208 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16331.D
Lims ID: 460-104194-B-8-A Lab Sample ID: 460-104194-8
Client ID: PRA-18-SE
Sample Type: Client
Inject. Date: 10-Nov-2015 06:59:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104194-B-8-A
Misc. Info.: 460-0034014-018
Operator ID: Instrument ID: CVOAMS4

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Nov-2015 12:46:09 Calib Date: 05-Nov-2015 02:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: martineze Date: 10-Nov-2015 12:26:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
18 Acetone	43	3.192	3.193	-0.001	87	26028	24.1	
* 27 TBA-d9 (IS)	65	3.637	3.644	-0.007	89	299844	1000.0	
* 38 2-Butanone-d5	46	4.942	4.948	-0.006	96	250142	250.0	
$ 51 Dibromofluoromethane (Surr	113	5.527	5.528	-0.001	97	118915	62.8	
$ 56 1,2-Dichloroethane-d4 (Sur	102	5.954	5.954	0.000	97	26366	64.2	
* 62 Fluorobenzene	96	6.289	6.283	0.006	98	362970	50.0	
* 68 1,4-Dioxane-d8	96	7.125	7.125	0.000	26	21507	1000.0	
$ 79 Toluene-d8 (Surr)	98	8.027	8.027	0.000	99	396192	53.9	
* 90 Chlorobenzene-d5	117	9.325	9.326	-0.001	87	305235	50.0	
$ 101 4-Bromofluorobenzene	174	10.258	10.252	0.006	97	145480	58.9	
* 117 1,4-Dichlorobenzene-d4	152	11.093	11.094	-0.001	96	177801	50.0	
118 1,4-Dichlorobenzene	146	11.106	11.106	0.000	39	3559	0.5286	
127 1,2,4-Trichlorobenzene	180	12.727	12.727	0.000	88	3494	0.6487	

Reagents:

8260SURR250_00098 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

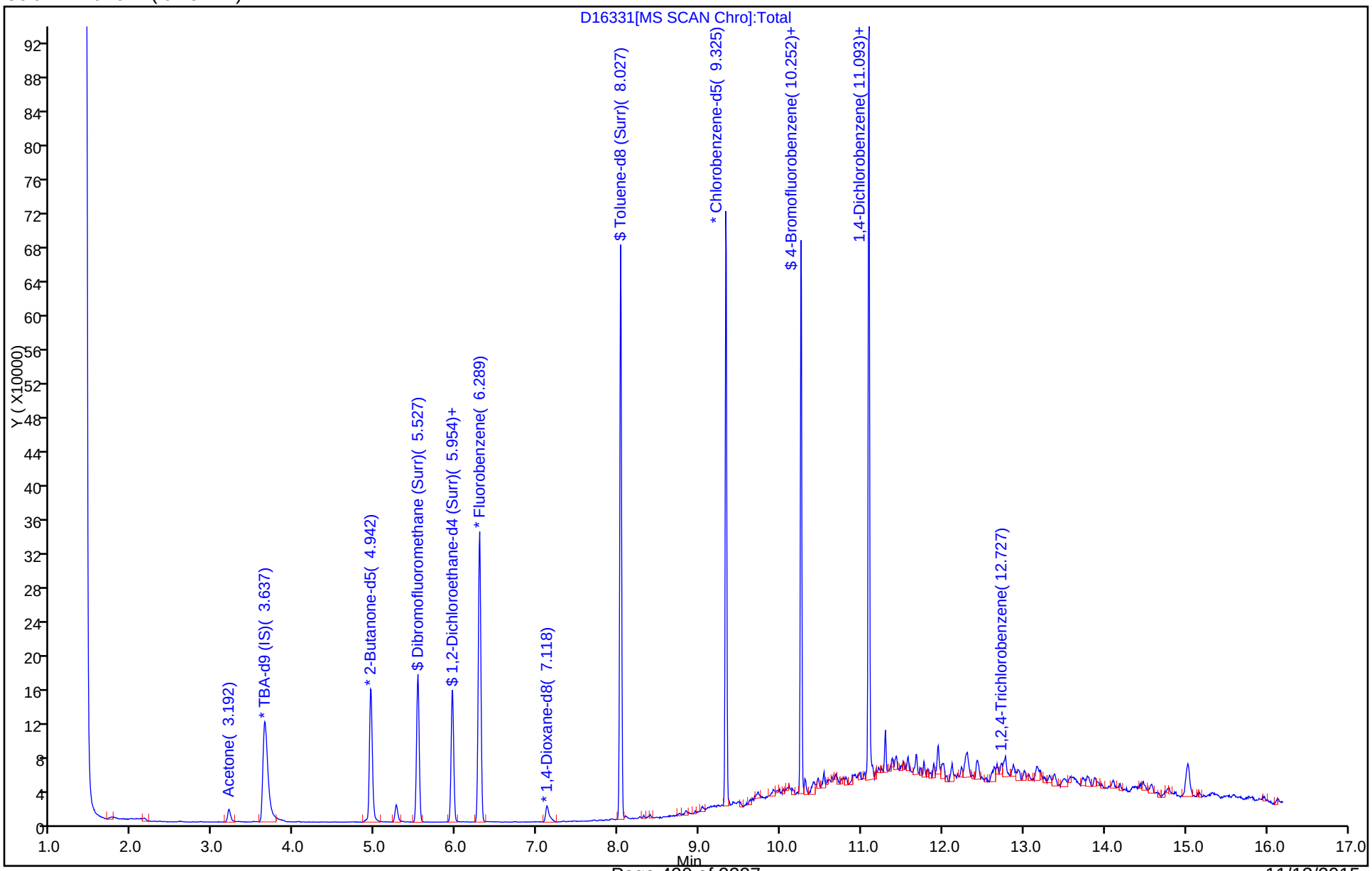
Report Date: 12-Nov-2015 12:46:11 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16331.D

Injection Date:	10-Nov-2015 06:59:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-104194-B-8-A	Lab Sample ID:	460-104194-8	Worklist Smp#:	18
Client ID:	PRA-18-SE				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)

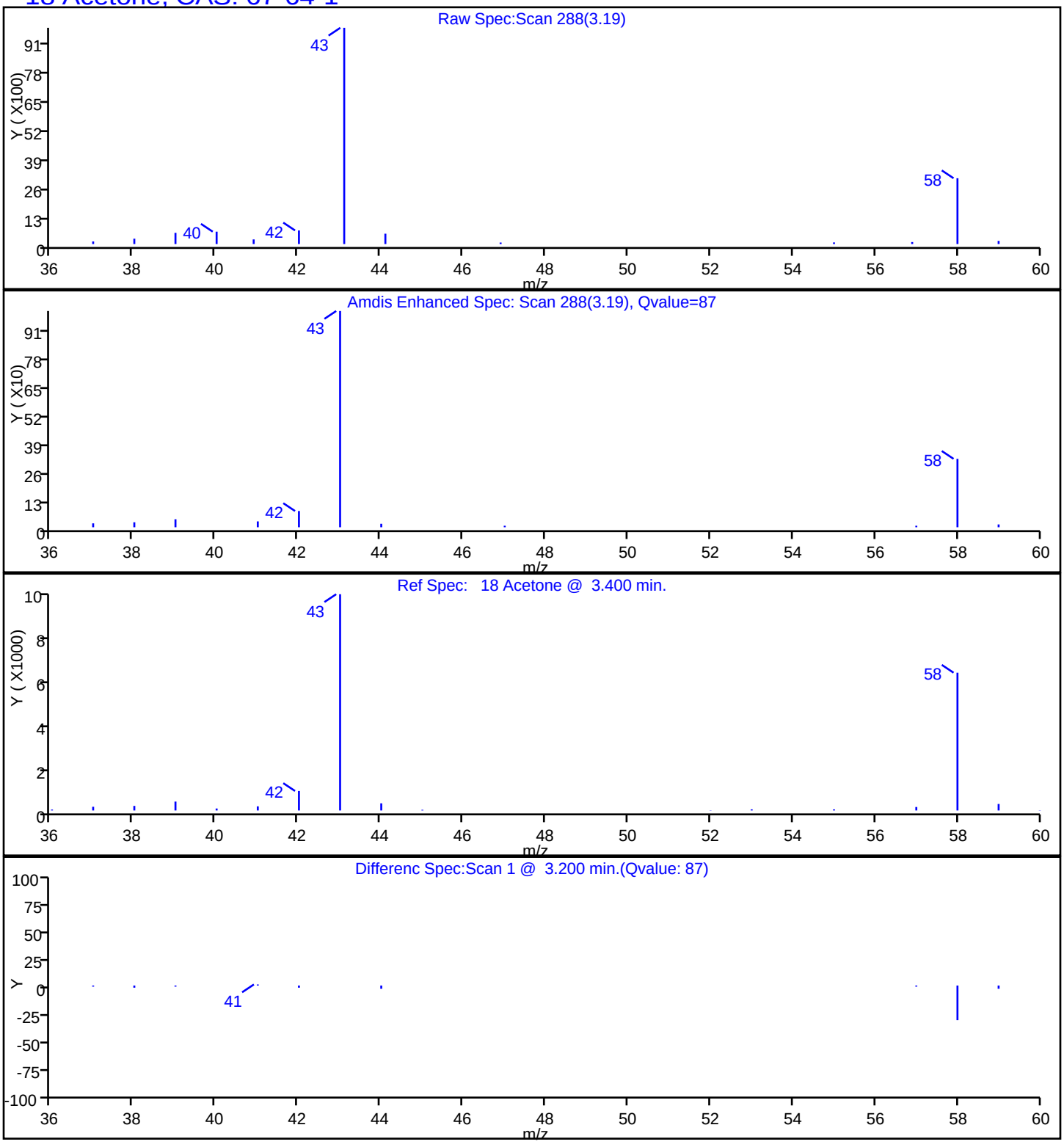


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16331.D

Injection Date:	10-Nov-2015 06:59:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-8-A	Lab Sample ID:	460-104194-8
Client ID:	PRA-18-SE		
Operator ID:		ALS Bottle#:	17 Worklist Smp#: 18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

18 Acetone, CAS: 67-64-1

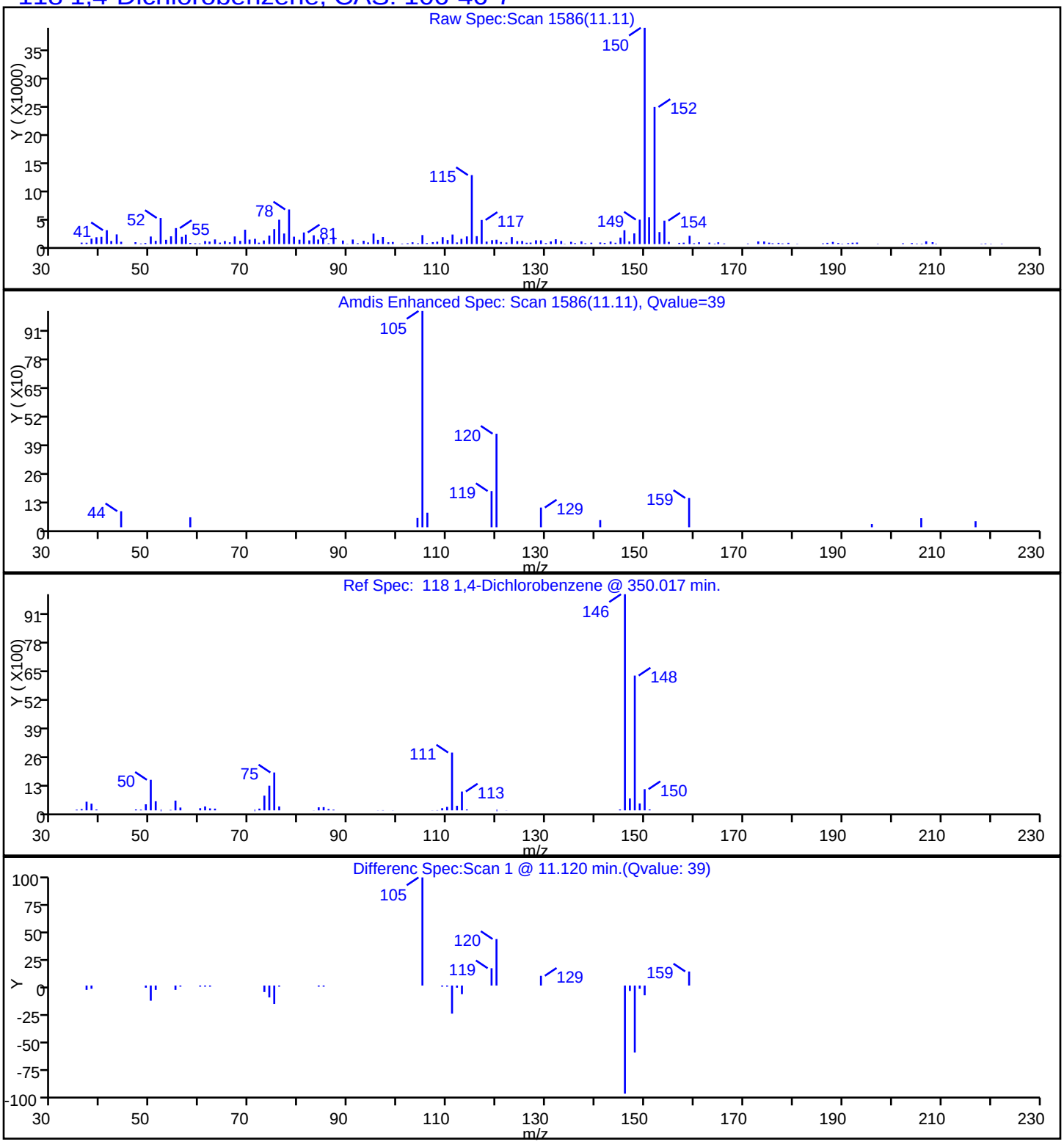


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16331.D

Injection Date:	10-Nov-2015 06:59:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-8-A	Lab Sample ID:	460-104194-8
Client ID:	PRA-18-SE		
Operator ID:		ALS Bottle#:	17 Worklist Smp#: 18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

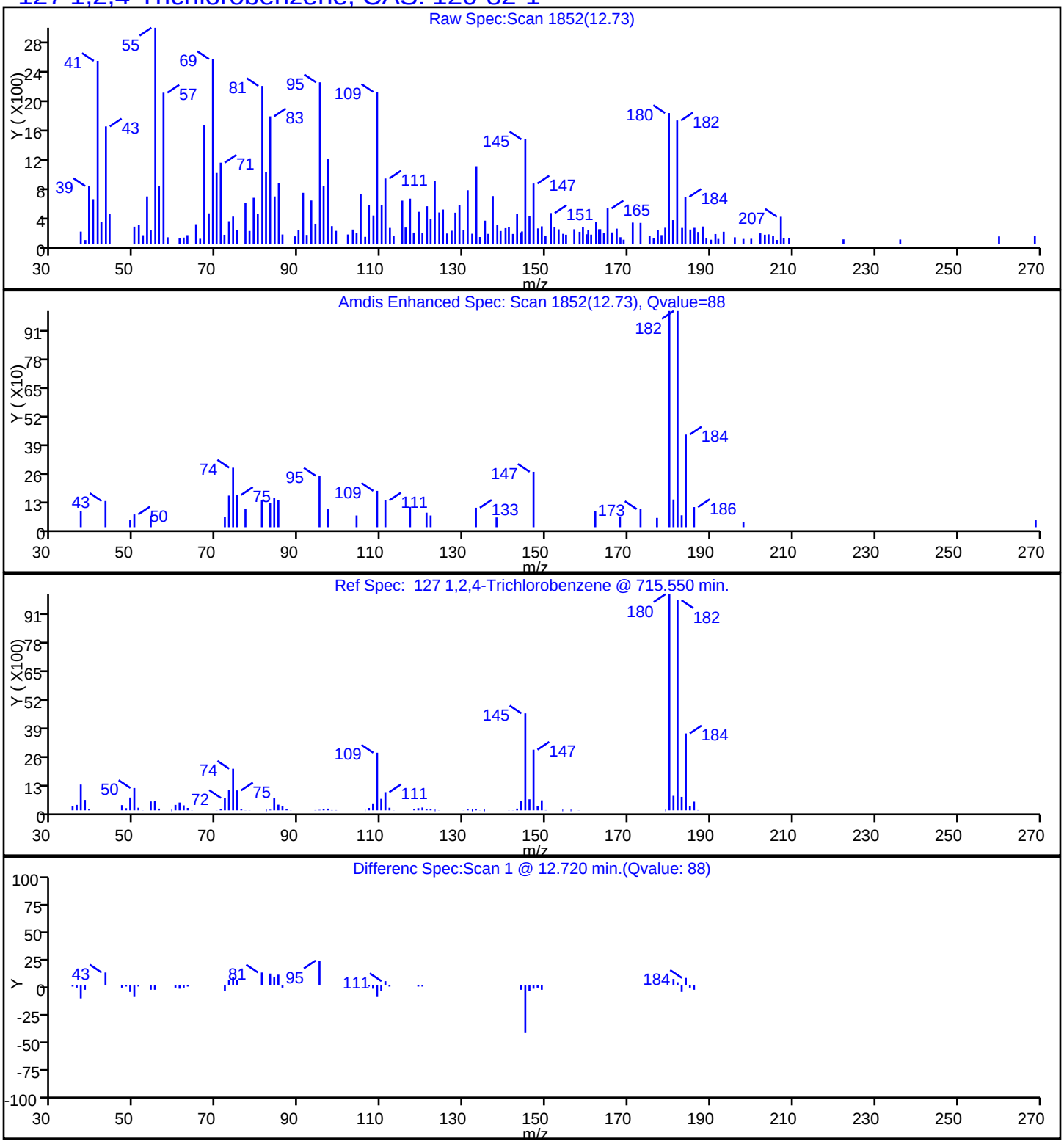
118 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16331.D		
Injection Date:	10-Nov-2015 06:59:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-8-A	Lab Sample ID:	460-104194-8
Client ID:	PRA-18-SE		
Operator ID:		ALS Bottle#:	17 Worklist Smp#: 18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

127 1,2,4-Trichlorobenzene, CAS: 120-82-1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18-NE | Lab Sample ID: 460-104194-9

Matrix: Solid | Lab File ID: D16332.D

Analysis Method: 8260C | Date Collected: 11/06/2015 10:00

Sample wt/vol: 5.789(g) | Date Analyzed: 11/10/2015 07:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.7 | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.35	U	0.92	0.35
74-83-9	Bromomethane	0.29	U	0.92	0.29
75-01-4	Vinyl chloride	0.36	U	0.92	0.36
75-00-3	Chloroethane	0.32	U	0.92	0.32
75-09-2	Methylene Chloride	0.29	U	0.92	0.29
67-64-1	Acetone	2.1	J	4.6	0.97
75-15-0	Carbon disulfide	0.39	U	0.92	0.39
75-69-4	Trichlorofluoromethane	0.31	U	0.92	0.31
75-35-4	1,1-Dichloroethene	0.38	U	0.92	0.38
75-34-3	1,1-Dichloroethane	0.31	U	0.92	0.31
156-60-5	trans-1,2-Dichloroethene	0.36	U	0.92	0.36
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.92	0.20
67-66-3	Chloroform	0.19	U	0.92	0.19
78-93-3	2-Butanone	0.71	U	4.6	0.71
107-06-2	1,2-Dichloroethane	0.10	U	0.92	0.10
71-55-6	1,1,1-Trichloroethane	0.35	U	0.92	0.35
56-23-5	Carbon tetrachloride	0.39	U	0.92	0.39
71-43-2	Benzene	0.18	U	0.92	0.18
75-25-2	Bromoform	0.12	U	0.92	0.12
100-42-5	Styrene	0.14	U	0.92	0.14
100-41-4	Ethylbenzene	0.16	U	0.92	0.16
108-90-7	Chlorobenzene	0.13	U	0.92	0.13
110-82-7	Cyclohexane	0.42	U	0.92	0.42
98-82-8	Isopropylbenzene	0.16	U	0.92	0.16
591-78-6	2-Hexanone	0.86	U	4.6	0.86
1634-04-4	MTBE	0.16	U	0.92	0.16
76-13-1	Freon TF	0.40	U	0.92	0.40
79-20-9	Methyl acetate	0.82	U	4.6	0.82
123-91-1	1,4-Dioxane	5.9	U	18	5.9
79-01-6	Trichloroethene	0.24	U	0.92	0.24
108-88-3	Toluene	0.17	U	0.92	0.17
10061-02-6	trans-1,3-Dichloropropene	0.092	U	0.92	0.092
108-10-1	4-Methyl-2-pentanone	2.0	U	4.6	2.0
10061-01-5	cis-1,3-Dichloropropene	0.14	U	0.92	0.14
95-50-1	1,2-Dichlorobenzene	0.13	U	0.92	0.13
541-73-1	1,3-Dichlorobenzene	0.11	U	0.92	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18-NE | Lab Sample ID: 460-104194-9

Matrix: Solid | Lab File ID: D16332.D

Analysis Method: 8260C | Date Collected: 11/06/2015 10:00

Sample wt/vol: 5.789(g) | Date Analyzed: 11/10/2015 07:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.7 | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.12	U	0.92	0.12
120-82-1	1,2,4-Trichlorobenzene	0.29	U	0.92	0.29
87-61-6	1,2,3-Trichlorobenzene	0.10	U	0.92	0.10
78-87-5	1,2-Dichloropropane	0.16	U	0.92	0.16
108-87-2	Methylcyclohexane	0.46	U	0.92	0.46
127-18-4	Tetrachloroethene	0.26	U	0.92	0.26
1330-20-7	Xylenes, Total	0.10	U	1.8	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	0.43	U	0.92	0.43
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	0.92	0.16
79-00-5	1,1,2-Trichloroethane	0.26	U	0.92	0.26
124-48-1	Dibromochloromethane	0.14	U	0.92	0.14
106-93-4	1,2-Dibromoethane	0.11	U	0.92	0.11
75-71-8	Dichlorodifluoromethane	0.29	U	0.92	0.29
74-97-5	Bromochloromethane	0.16	U	0.92	0.16
75-27-4	Bromodichloromethane	0.35	U	0.92	0.35

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		78-135
2037-26-5	Toluene-d8 (Surr)	93		73-121
460-00-4	Bromofluorobenzene	98		67-126
1868-53-7	Dibromofluoromethane (Surr)	109		61-149

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18-NE | Lab Sample ID: 460-104194-9

Matrix: Solid | Lab File ID: D16332.D

Analysis Method: 8260C | Date Collected: 11/06/2015 10:00

Sample wt/vol: 5.789(g) | Date Analyzed: 11/10/2015 07:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.7 | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16332.D
Lims ID: 460-104194-B-9-A Lab Sample ID: 460-104194-9
Client ID: PRA-18-NE
Sample Type: Client
Inject. Date: 10-Nov-2015 07:24:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104194-B-9-A
Misc. Info.: 460-0034014-019
Operator ID: Instrument ID: CVOAMS4

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Nov-2015 12:27:18 Calib Date: 05-Nov-2015 02:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK027

First Level Reviewer: martineze Date: 10-Nov-2015 12:27:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
18 Acetone	43	3.199	3.193	0.006	90	5525	2.31	
* 27 TBA-d9 (IS)	65	3.632	3.644	-0.012	88	317953	1000.0	
* 38 2-Butanone-d5	46	4.942	4.948	-0.006	97	263416	250.0	
$ 51 Dibromofluoromethane (Surr	113	5.521	5.528	-0.007	97	111970	54.3	
$ 56 1,2-Dichloroethane-d4 (Sur	102	5.948	5.954	-0.006	97	24150	54.0	
* 62 Fluorobenzene	96	6.283	6.283	0.000	98	395052	50.0	
* 68 1,4-Dioxane-d8	96	7.119	7.125	-0.006	39	22833	1000.0	
$ 79 Toluene-d8 (Surr)	98	8.027	8.027	0.000	99	372856	46.6	
* 90 Chlorobenzene-d5	117	9.332	9.326	0.006	87	332212	50.0	
$ 101 4-Bromofluorobenzene	174	10.252	10.252	0.000	93	133753	49.0	
* 117 1,4-Dichlorobenzene-d4	152	11.093	11.094	-0.001	96	196592	50.0	

Reagents:

8260SURR250_00098 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

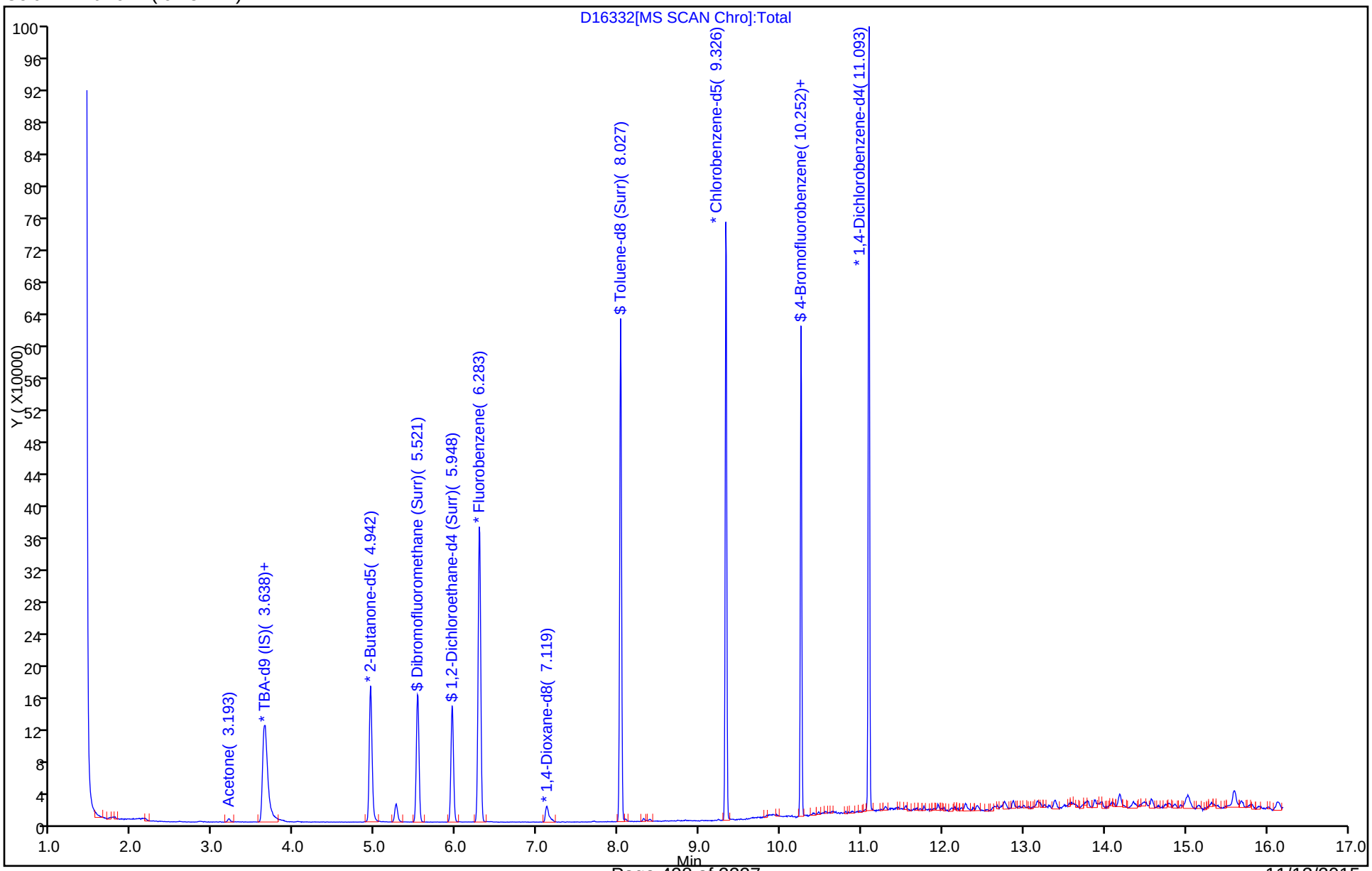
Report Date: 10-Nov-2015 12:27:19 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16332.D

Injection Date:	10-Nov-2015 07:24:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-104194-B-9-A	Lab Sample ID:	460-104194-9	Worklist Smp#:	19
Client ID:	PRA-18-NE				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

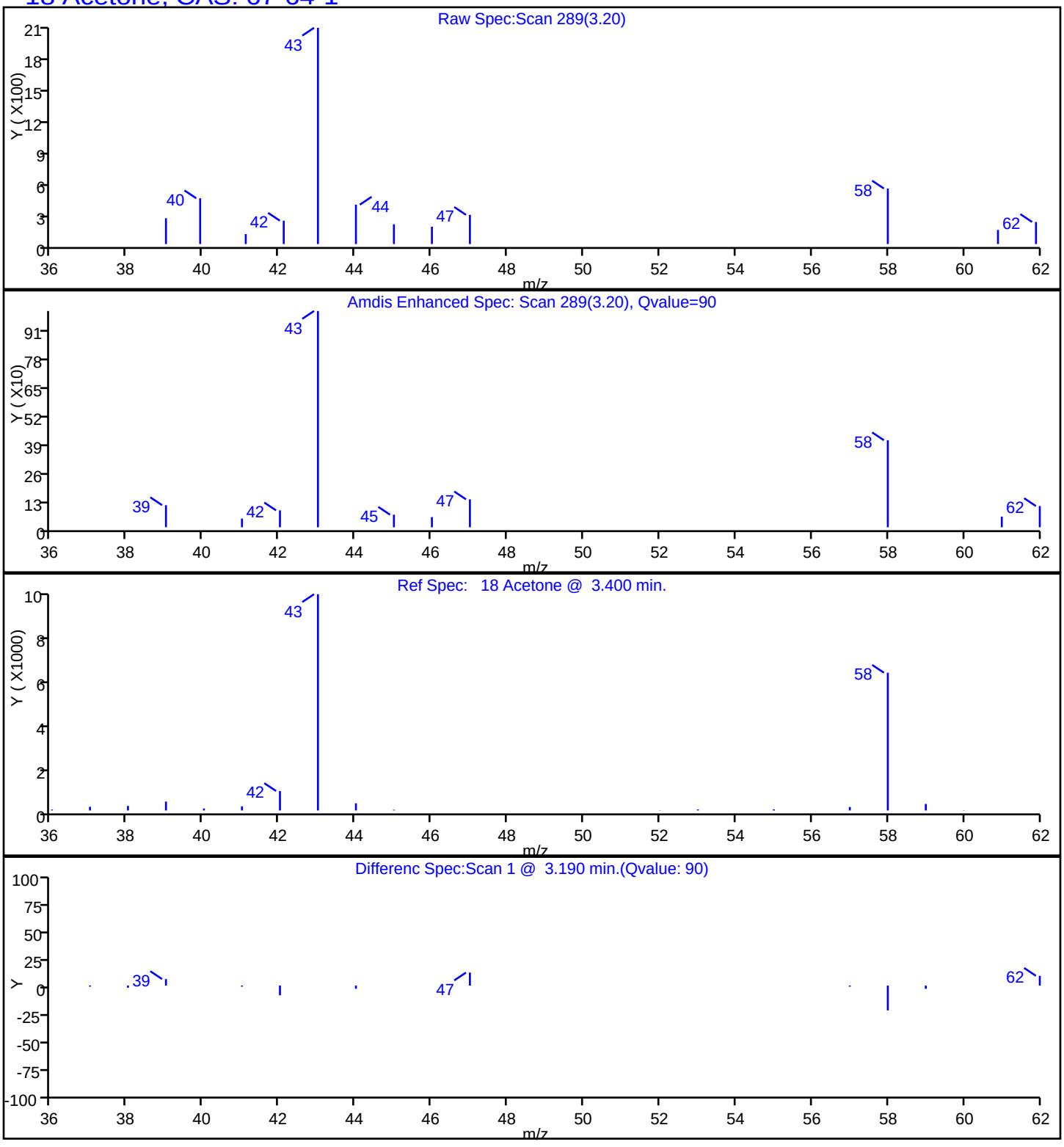
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16332.D				
Injection Date:	10-Nov-2015 07:24:30	Instrument ID:	CVOAMS4		
Lims ID:	460-104194-B-9-A	Lab Sample ID:	460-104194-9		
Client ID:	PRA-18-NE				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

18 Acetone, CAS: 67-64-1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-20-N | Lab Sample ID: 460-104194-10

Matrix: Solid | Lab File ID: D16333.D

Analysis Method: 8260C | Date Collected: 11/06/2015 11:25

Sample wt/vol: 6.188(g) | Date Analyzed: 11/10/2015 07:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.2 | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.32	U	0.85	0.32
74-83-9	Bromomethane	0.27	U	0.85	0.27
75-01-4	Vinyl chloride	0.33	U	0.85	0.33
75-00-3	Chloroethane	0.30	U	0.85	0.30
75-09-2	Methylene Chloride	0.27	U	0.85	0.27
67-64-1	Acetone	6.2		4.3	0.90
75-15-0	Carbon disulfide	0.37	U	0.85	0.37
75-69-4	Trichlorofluoromethane	0.29	U	0.85	0.29
75-35-4	1,1-Dichloroethene	0.35	U	0.85	0.35
75-34-3	1,1-Dichloroethane	0.29	U	0.85	0.29
156-60-5	trans-1,2-Dichloroethene	0.33	U	0.85	0.33
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.85	0.19
67-66-3	Chloroform	0.18	U	0.85	0.18
78-93-3	2-Butanone	0.66	U	4.3	0.66
107-06-2	1,2-Dichloroethane	0.094	U	0.85	0.094
71-55-6	1,1,1-Trichloroethane	0.32	U	0.85	0.32
56-23-5	Carbon tetrachloride	0.37	U	0.85	0.37
71-43-2	Benzene	0.17	U	0.85	0.17
75-25-2	Bromoform	0.11	U	0.85	0.11
100-42-5	Styrene	0.13	U	0.85	0.13
100-41-4	Ethylbenzene	0.15	U	0.85	0.15
108-90-7	Chlorobenzene	0.12	U	0.85	0.12
110-82-7	Cyclohexane	0.39	U	0.85	0.39
98-82-8	Isopropylbenzene	0.14	U	0.85	0.14
591-78-6	2-Hexanone	0.80	U	4.3	0.80
1634-04-4	MTBE	0.14	U	0.85	0.14
76-13-1	Freon TF	0.38	U	0.85	0.38
79-20-9	Methyl acetate	0.77	U	4.3	0.77
123-91-1	1,4-Dioxane	5.4	U	17	5.4
79-01-6	Trichloroethene	0.22	U	0.85	0.22
108-88-3	Toluene	0.16	U	0.85	0.16
10061-02-6	trans-1,3-Dichloropropene	0.085	U	0.85	0.085
108-10-1	4-Methyl-2-pentanone	1.9	U	4.3	1.9
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.85	0.13
95-50-1	1,2-Dichlorobenzene	0.12	U	0.85	0.12
541-73-1	1,3-Dichlorobenzene	0.10	U	0.85	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-20-N | Lab Sample ID: 460-104194-10

Matrix: Solid | Lab File ID: D16333.D

Analysis Method: 8260C | Date Collected: 11/06/2015 11:25

Sample wt/vol: 6.188(g) | Date Analyzed: 11/10/2015 07:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.2 | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.1		0.85	0.11
120-82-1	1,2,4-Trichlorobenzene	1.9		0.85	0.27
87-61-6	1,2,3-Trichlorobenzene	0.75	J	0.85	0.094
78-87-5	1,2-Dichloropropane	0.14	U	0.85	0.14
108-87-2	Methylcyclohexane	0.43	U	0.85	0.43
127-18-4	Tetrachloroethene	0.24	U	0.85	0.24
1330-20-7	Xylenes, Total	0.094	U	1.7	0.094
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	0.85	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.14	U	0.85	0.14
79-00-5	1,1,2-Trichloroethane	0.24	U	0.85	0.24
124-48-1	Dibromochloromethane	0.13	U	0.85	0.13
106-93-4	1,2-Dibromoethane	0.10	U	0.85	0.10
75-71-8	Dichlorodifluoromethane	0.27	U	0.85	0.27
74-97-5	Bromochloromethane	0.14	U	0.85	0.14
75-27-4	Bromodichloromethane	0.32	U	0.85	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		78-135
2037-26-5	Toluene-d8 (Surr)	102		73-121
460-00-4	Bromofluorobenzene	110		67-126
1868-53-7	Dibromofluoromethane (Surr)	117		61-149

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-20-N Lab Sample ID: 460-104194-10

Matrix: Solid Lab File ID: D16333.D

Analysis Method: 8260C Date Collected: 11/06/2015 11:25

Sample wt/vol: 6.188(g) Date Analyzed: 11/10/2015 07:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.2 Level: (low/med) Low

Analysis Batch No.: 334208 Units: ug/Kg

Number TICs Found: 6 TIC Result Total: 55.7

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	13.01	4.7	J
	Unknown	13.48	5.6	J
	Unknown	13.73	5.4	J
	Unknown	14.48	5.4	J
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	15.02	29	J N
	Unknown	15.60	5.6	J

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16333.D
Lims ID: 460-104194-B-10-A Lab Sample ID: 460-104194-10
Client ID: PRA-20-N
Sample Type: Client
Inject. Date: 10-Nov-2015 07:49:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104194-B-10-A
Misc. Info.: 460-0034014-020
Operator ID: Instrument ID: CVOAMS4

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Nov-2015 12:53:17 Calib Date: 05-Nov-2015 02:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: martineze Date: 10-Nov-2015 12:28:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
18 Acetone	43	3.199	3.193	0.006	89	10723	7.27	
* 27 TBA-d9 (IS)	65	3.638	3.644	-0.006	89	304310	1000.0	
* 38 2-Butanone-d5	46	4.942	4.948	-0.006	96	268616	250.0	
$ 51 Dibromofluoromethane (Surr	113	5.528	5.528	0.000	97	121901	58.3	
$ 56 1,2-Dichloroethane-d4 (Sur	102	5.954	5.954	0.000	98	26584	58.6	
* 62 Fluorobenzene	96	6.290	6.283	0.007	98	401211	50.0	
* 68 1,4-Dioxane-d8	96	7.119	7.125	-0.006	26	20641	1000.0	
$ 79 Toluene-d8 (Surr)	98	8.027	8.027	0.000	98	412865	51.0	
* 90 Chlorobenzene-d5	117	9.326	9.326	0.000	87	336024	50.0	
$ 101 4-Bromofluorobenzene	174	10.258	10.252	0.006	96	146155	55.1	
* 117 1,4-Dichlorobenzene-d4	152	11.094	11.094	0.000	95	191033	50.0	
118 1,4-Dichlorobenzene	146	11.106	11.106	0.000	94	9761	1.35	
127 1,2,4-Trichlorobenzene	180	12.727	12.727	0.000	94	12638	2.18	
130 1,2,3-Trichlorobenzene	180	13.276	13.276	0.000	91	4784	0.8797	

Reagents:

8260SURR250_00098	Amount Added: 1.00	Units: uL	Run Reagent
8260ISNEW_00030	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16333.D				
Lims ID:	460-104194-B-10-A	Lab Sample ID:	460-104194-10		
Client ID:	PRA-20-N				
Sample Type:	Client				
Inject. Date:	10-Nov-2015 07:49:30	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-104194-B-10-A				
Misc. Info.:	460-0034014-020				
Operator ID:		Instrument ID:	CVOAMS4		
Method:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\8260S_4.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	12-Nov-2015 12:53:17	Calib Date:	05-Nov-2015 02:31:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\ChromNA\Edison\Database\NIST02.L				
Min. Match:	85				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK003				
First Level Reviewer: martineze		Date:	10-Nov-2015 12:28:14		

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	Unknown							
13.008	129467	5.47	117					
	Unknown							
13.483	156492	6.61	117					
	Unknown							
13.733	149590	6.32	117					
	Unknown							
14.477	150013	6.33	117					
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal							
15.020	816296	34.5	117	91	61716	C15H28	208	
	Unknown							
15.599	155707	6.57	117					

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 117 1,4-Dichlorobenzene-d4	11.094	1184207	50.0

QC Flag Legend

Processing Flags

Reagents:

8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

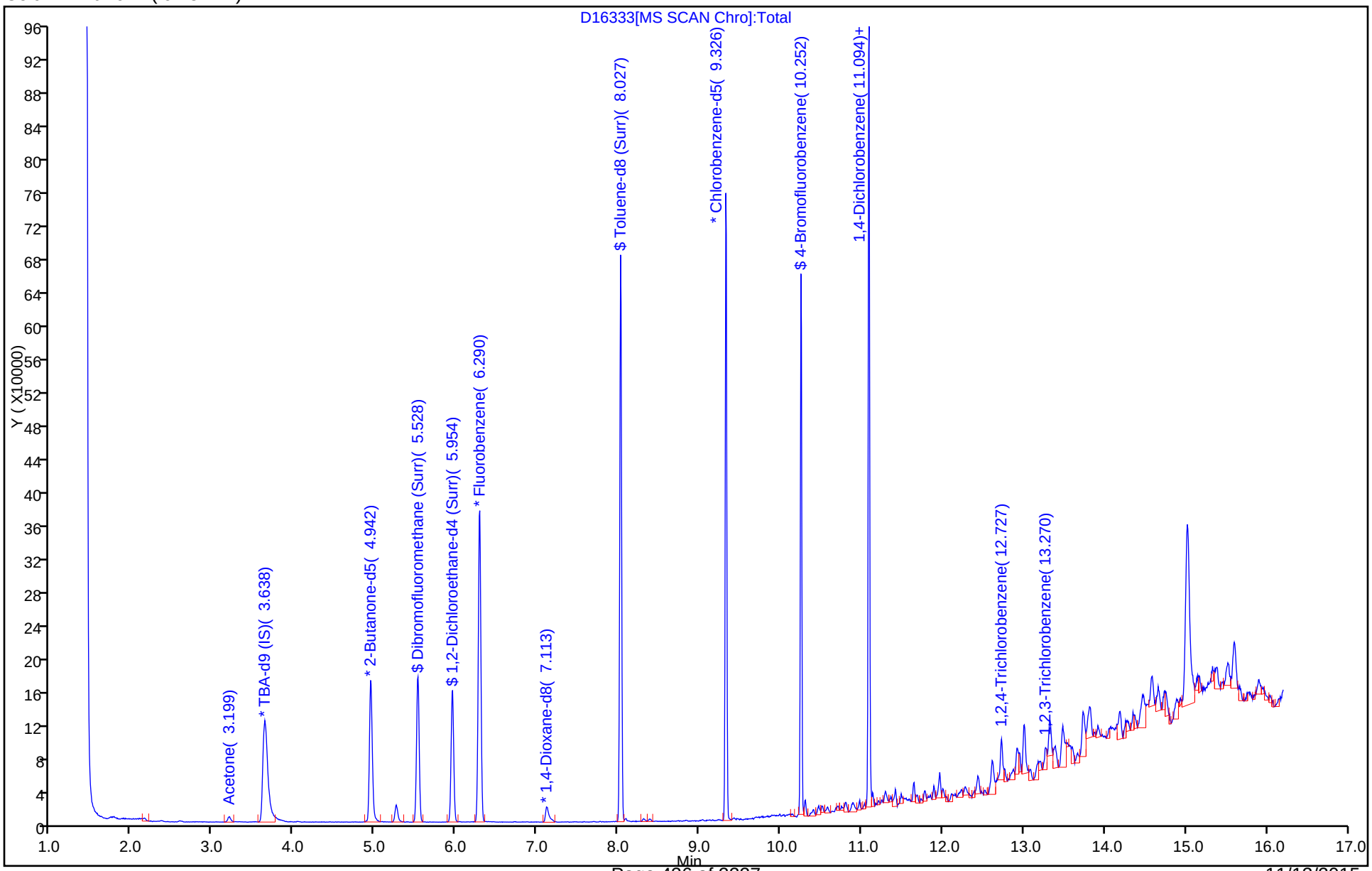
Report Date: 12-Nov-2015 12:53:18 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16333.D

Injection Date:	10-Nov-2015 07:49:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-104194-B-10-A	Lab Sample ID:	460-104194-10	Worklist Smp#:	20
Client ID:	PRA-20-N				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

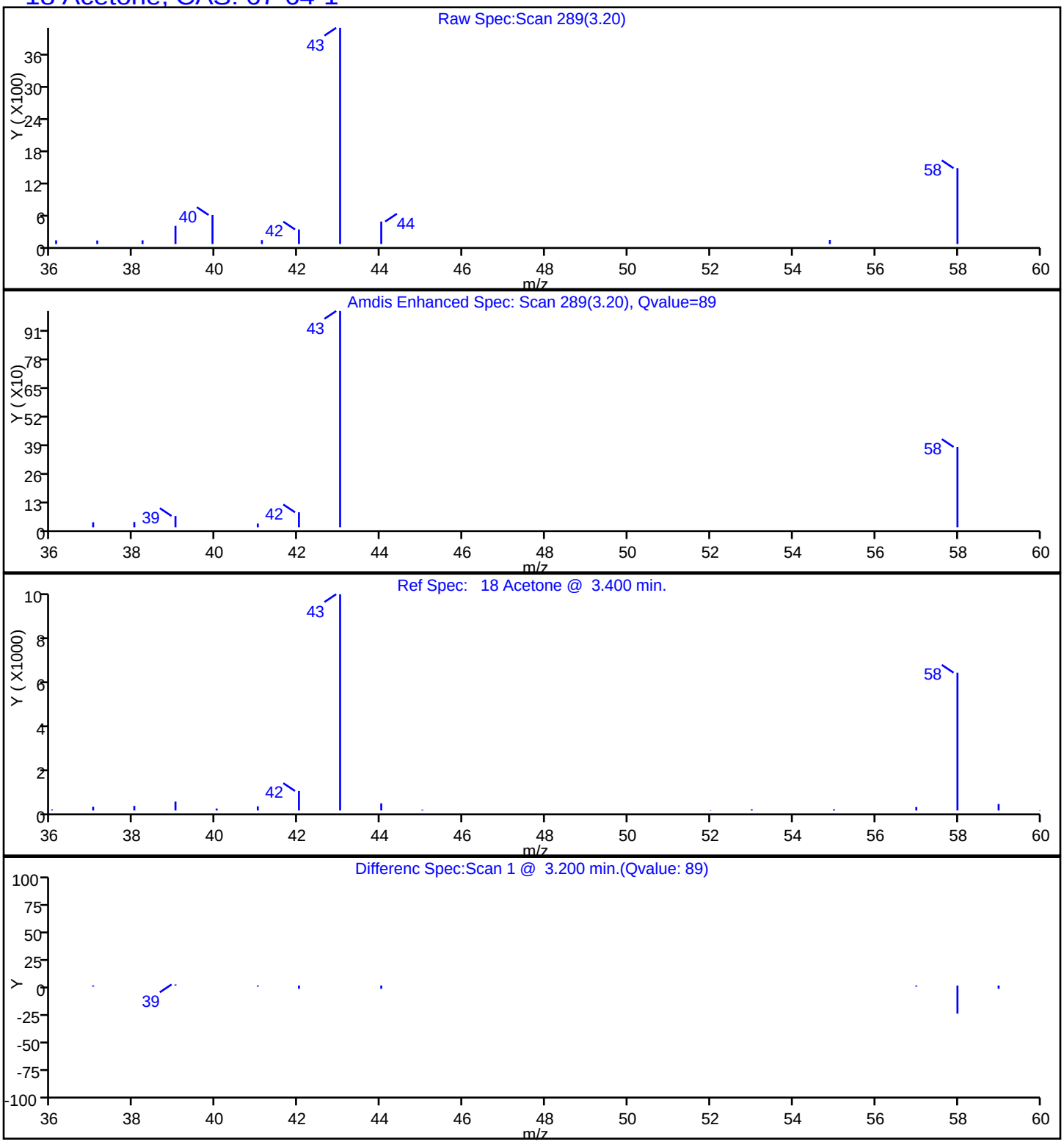
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16333.D		
Injection Date:	10-Nov-2015 07:49:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-10-A	Lab Sample ID:	460-104194-10
Client ID:	PRA-20-N		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

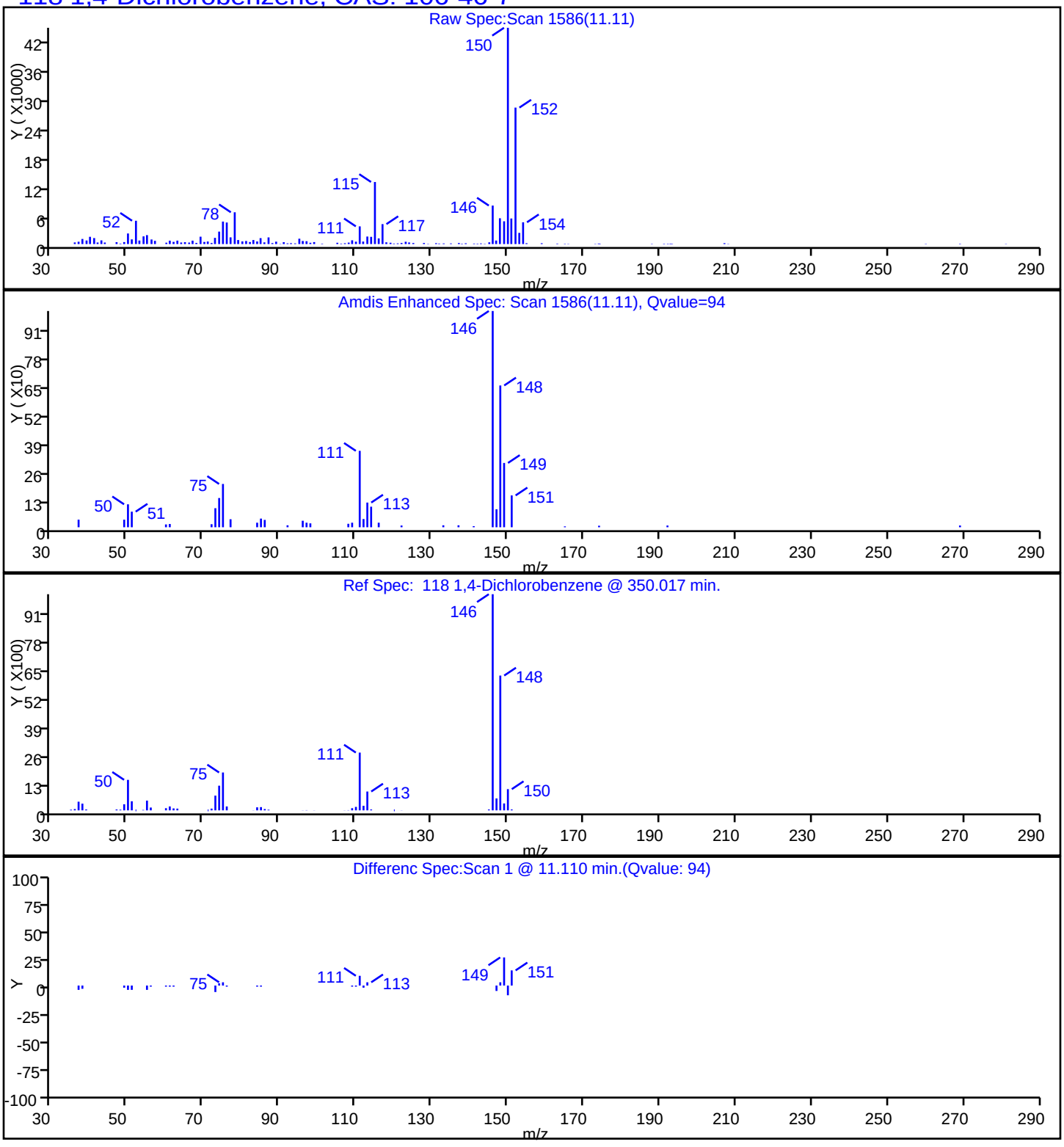
18 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16333.D		
Injection Date:	10-Nov-2015 07:49:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-10-A	Lab Sample ID:	460-104194-10
Client ID:	PRA-20-N		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

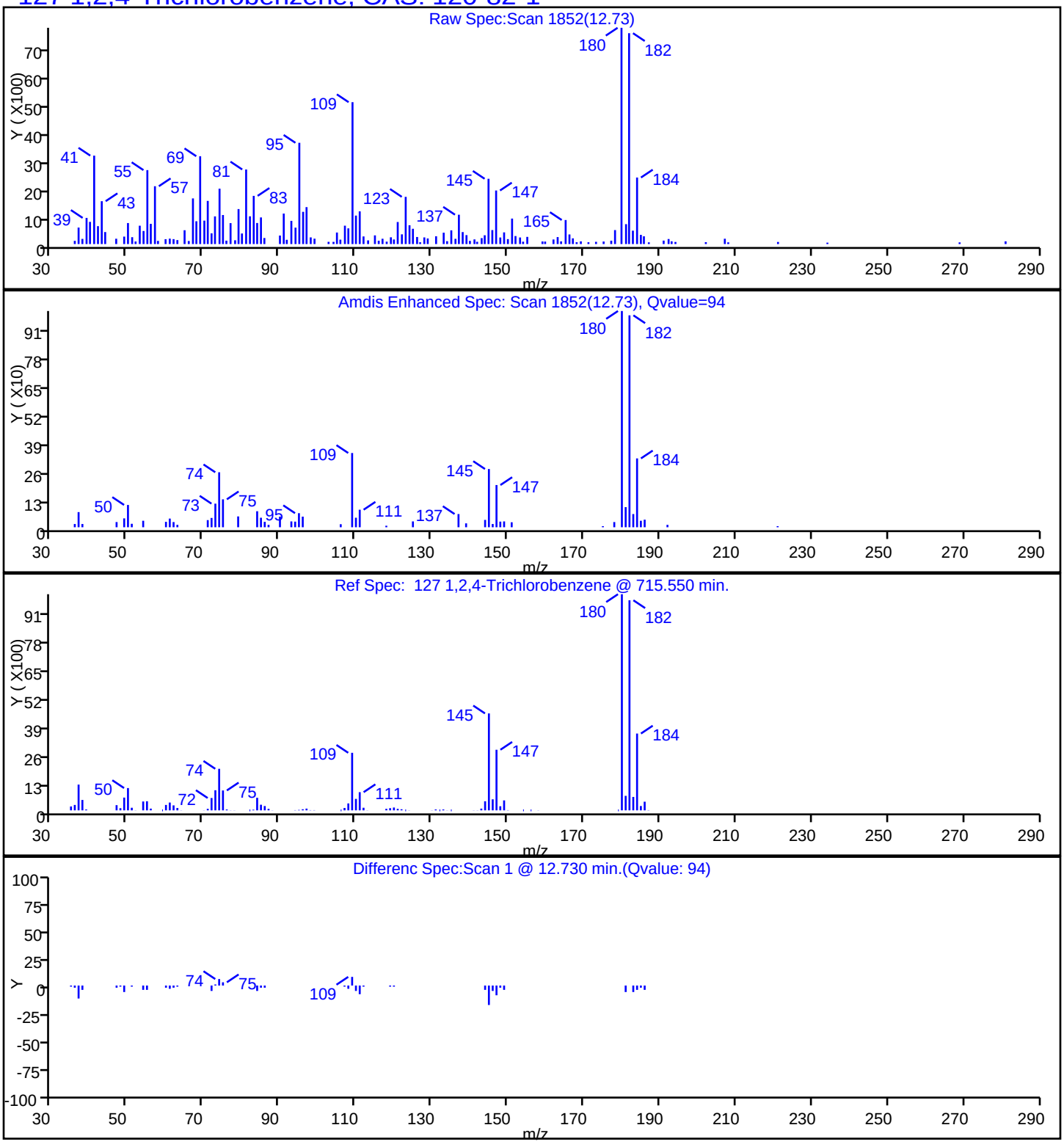
118 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16333.D		
Injection Date:	10-Nov-2015 07:49:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-10-A	Lab Sample ID:	460-104194-10
Client ID:	PRA-20-N		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

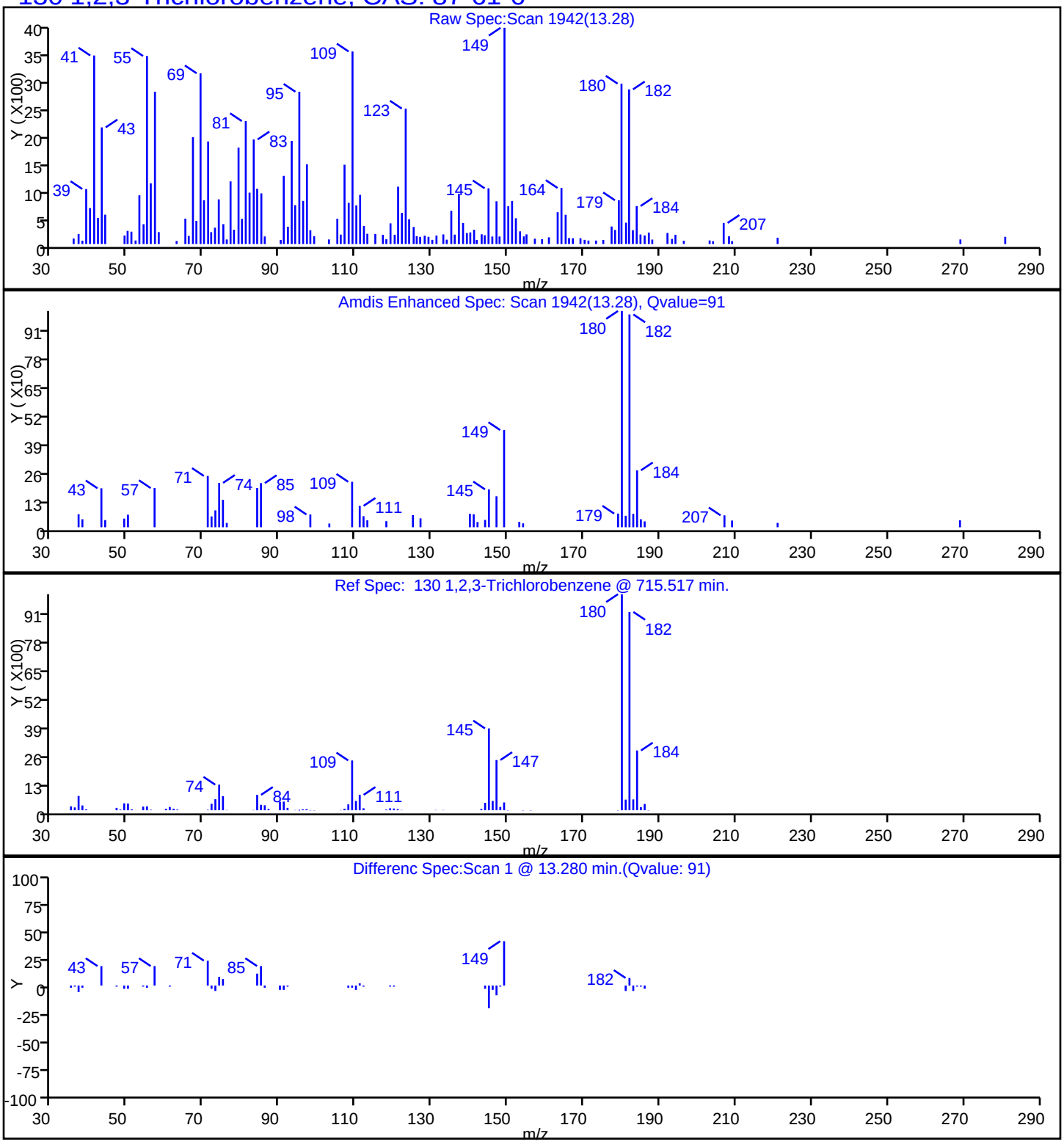
127 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16333.D		
Injection Date:	10-Nov-2015 07:49:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-10-A	Lab Sample ID:	460-104194-10
Client ID:	PRA-20-N		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

130 1,2,3-Trichlorobenzene, CAS: 87-61-6



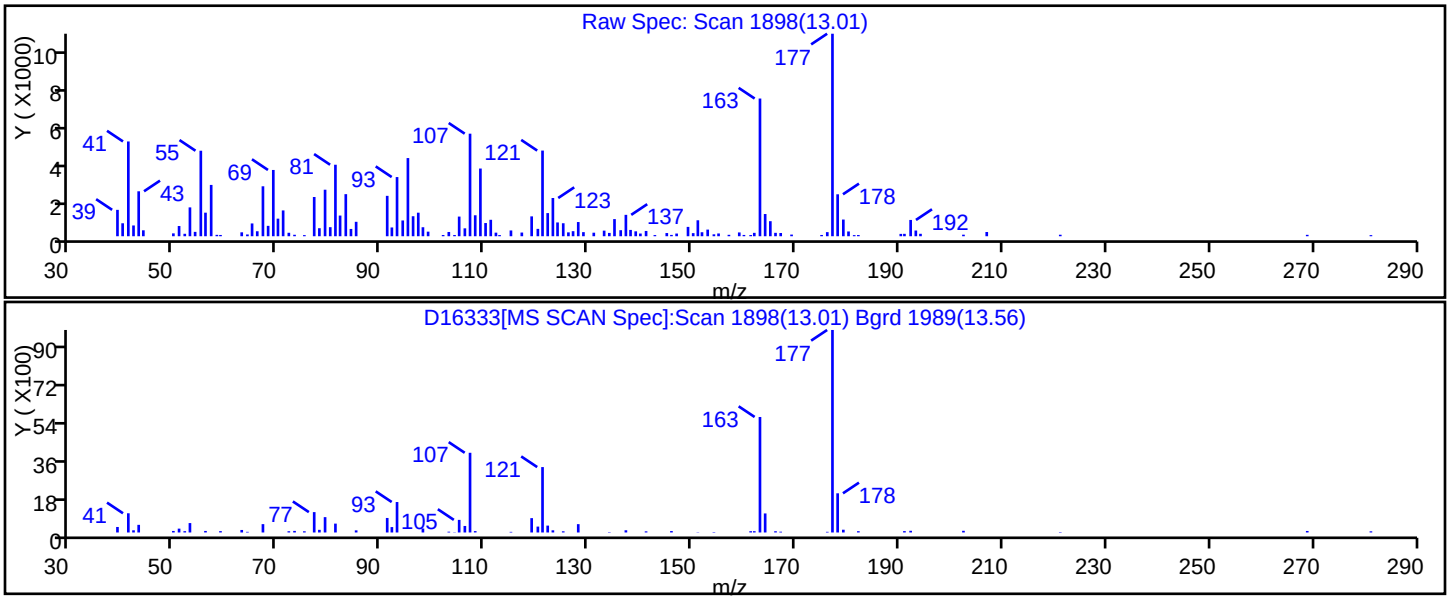
Report Date: 12-Nov-2015 12:53:19 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16333.D

Injection Date:	10-Nov-2015 07:49:30	Instrument ID:	CVOAMS4		
Lims ID:	460-104194-B-10-A	Lab Sample ID:	460-104194-10		
Client ID:	PRA-20-N				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



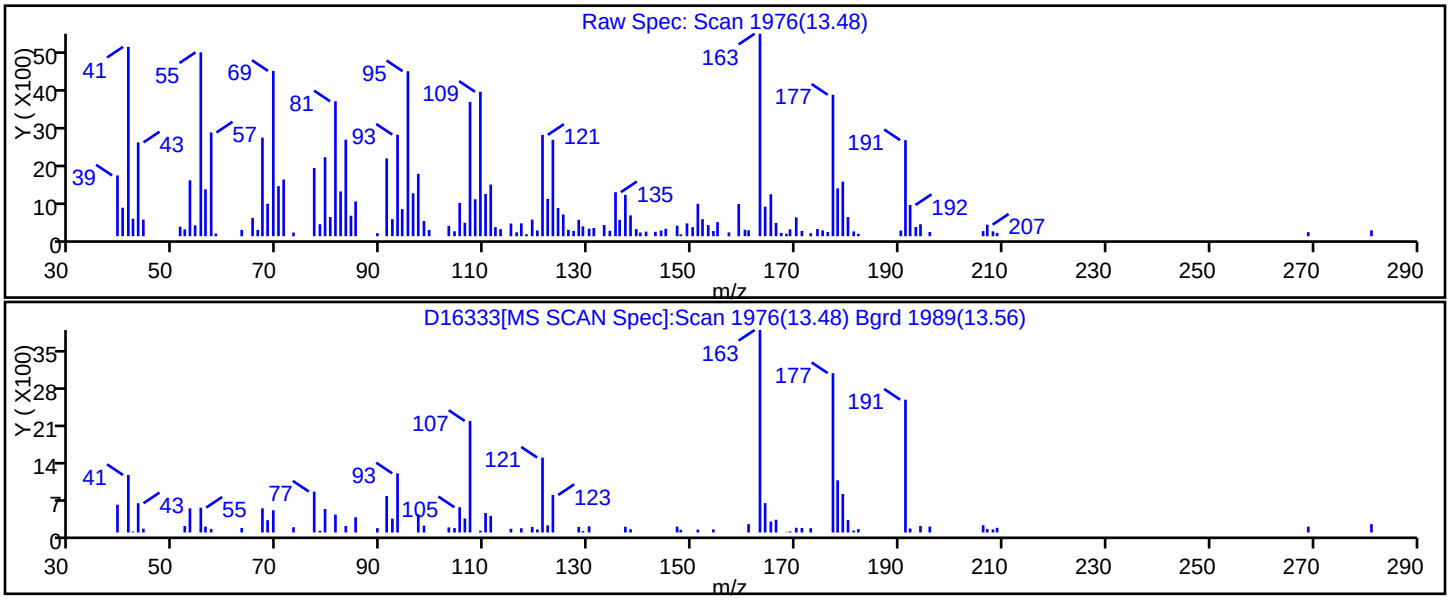
Report Date: 12-Nov-2015 12:53:19 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16333.D

Injection Date:	10-Nov-2015 07:49:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-10-A	Lab Sample ID:	460-104194-10
Client ID:	PRA-20-N		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



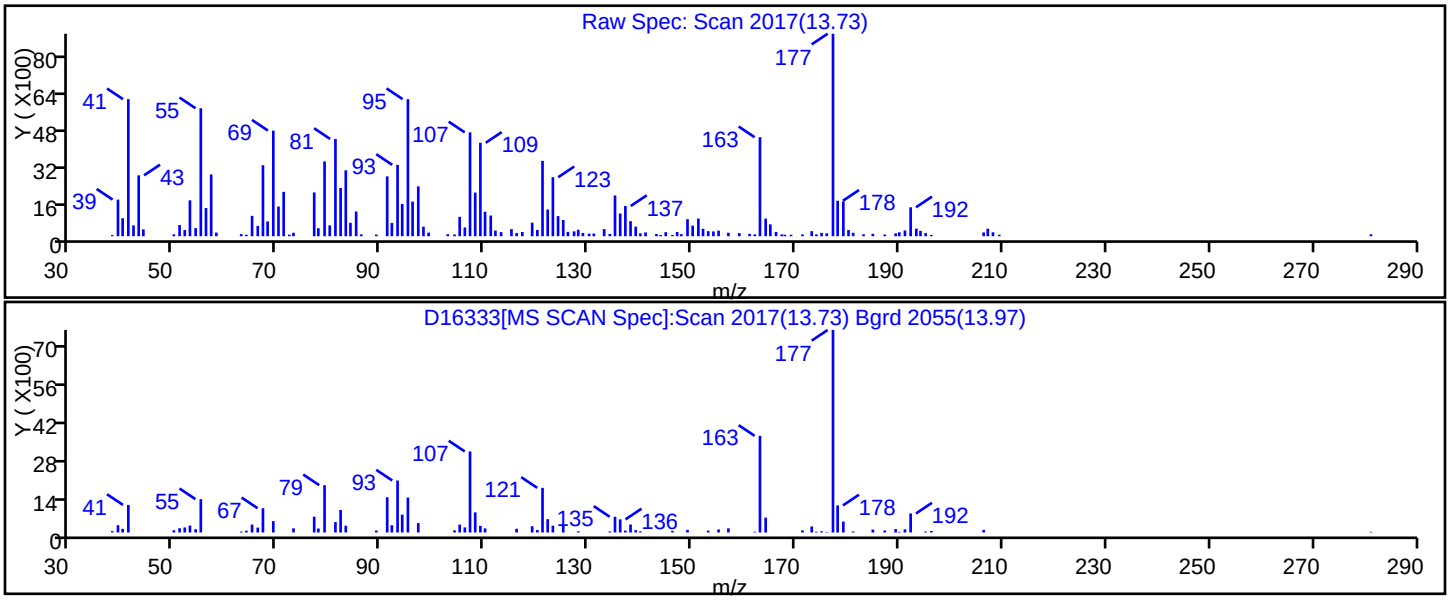
Report Date: 12-Nov-2015 12:53:19 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16333.D

Injection Date:	10-Nov-2015 07:49:30	Instrument ID:	CVOAMS4		
Lims ID:	460-104194-B-10-A	Lab Sample ID:	460-104194-10		
Client ID:	PRA-20-N				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85

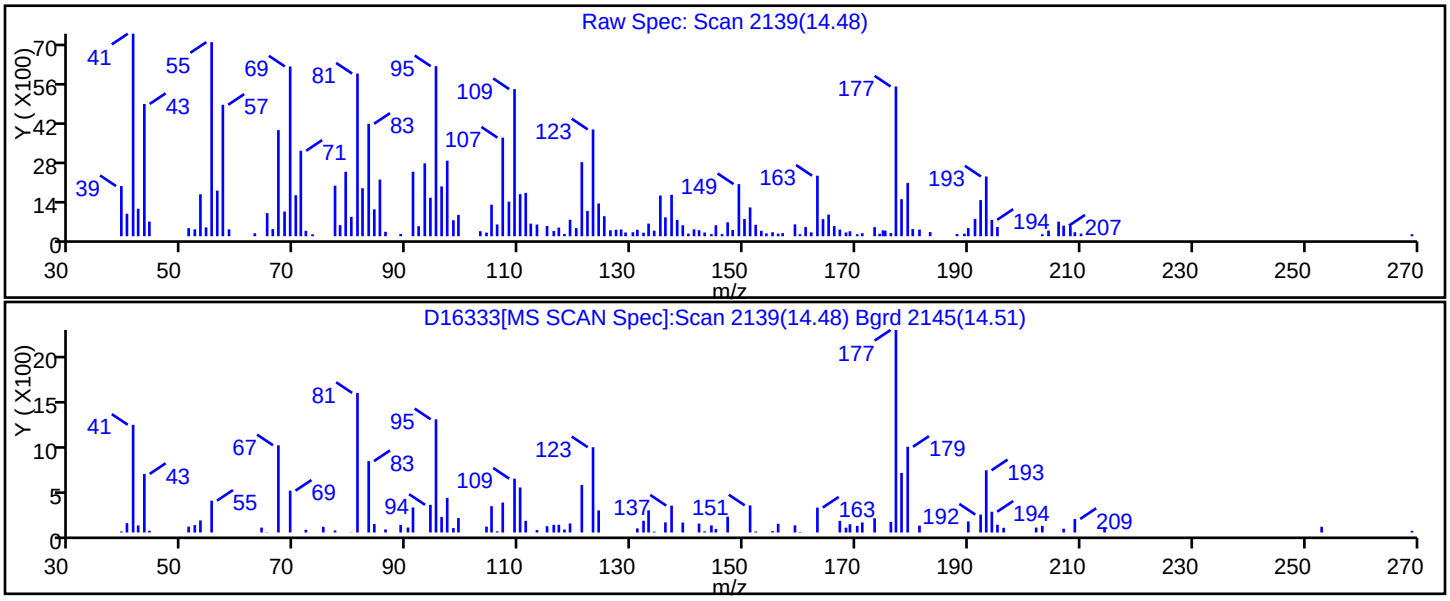


Report Date: 12-Nov-2015 12:53:19 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16333.D				
Injection Date:	10-Nov-2015 07:49:30	Instrument ID:	CVOAMS4		
Lims ID:	460-104194-B-10-A	Lab Sample ID:	460-104194-10		
Client ID:	PRA-20-N				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85

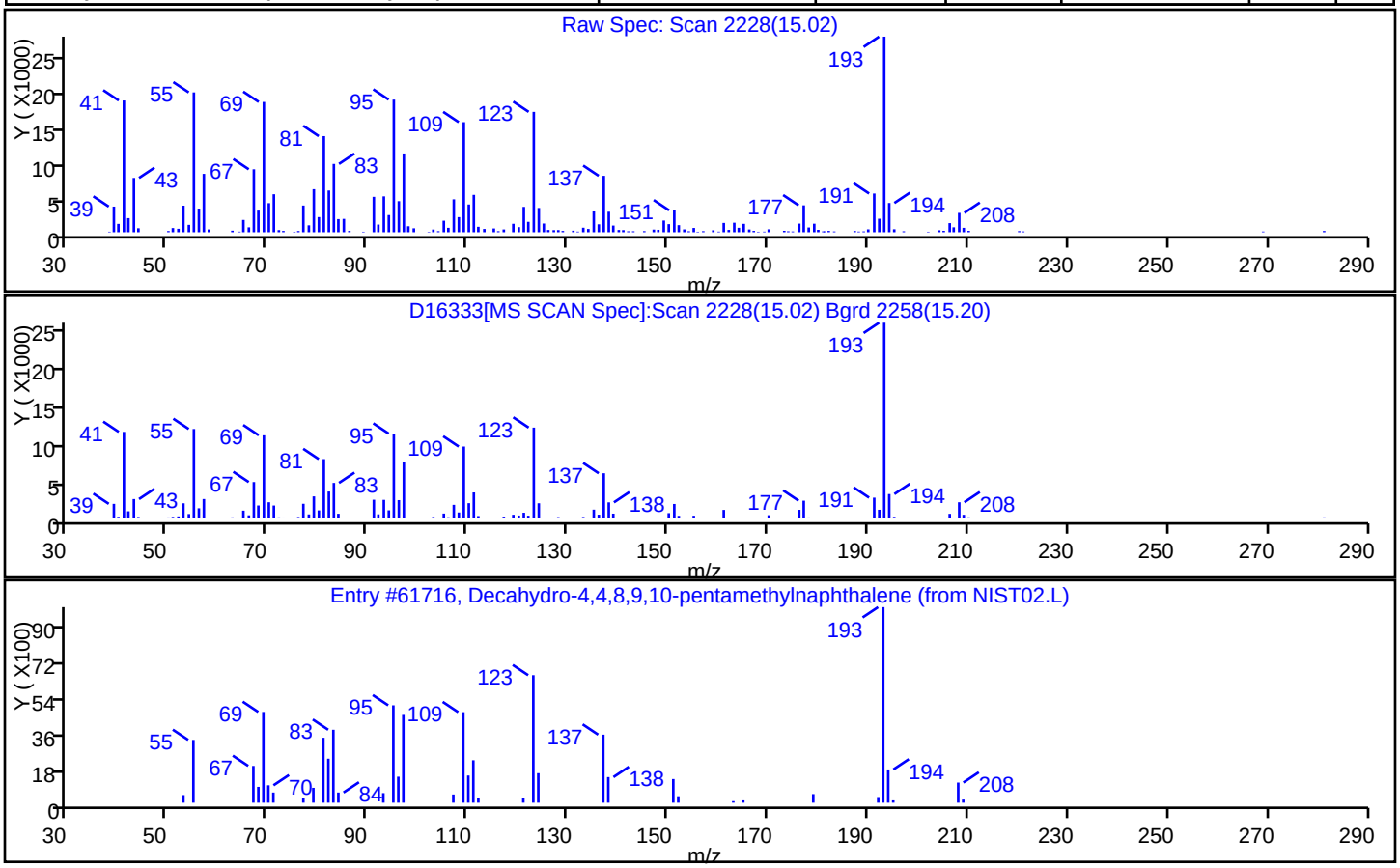


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16333.D

Injection Date:	10-Nov-2015 07:49:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-10-A	Lab Sample ID:	460-104194-10
Client ID:	PRA-20-N		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	C15H28	208	91



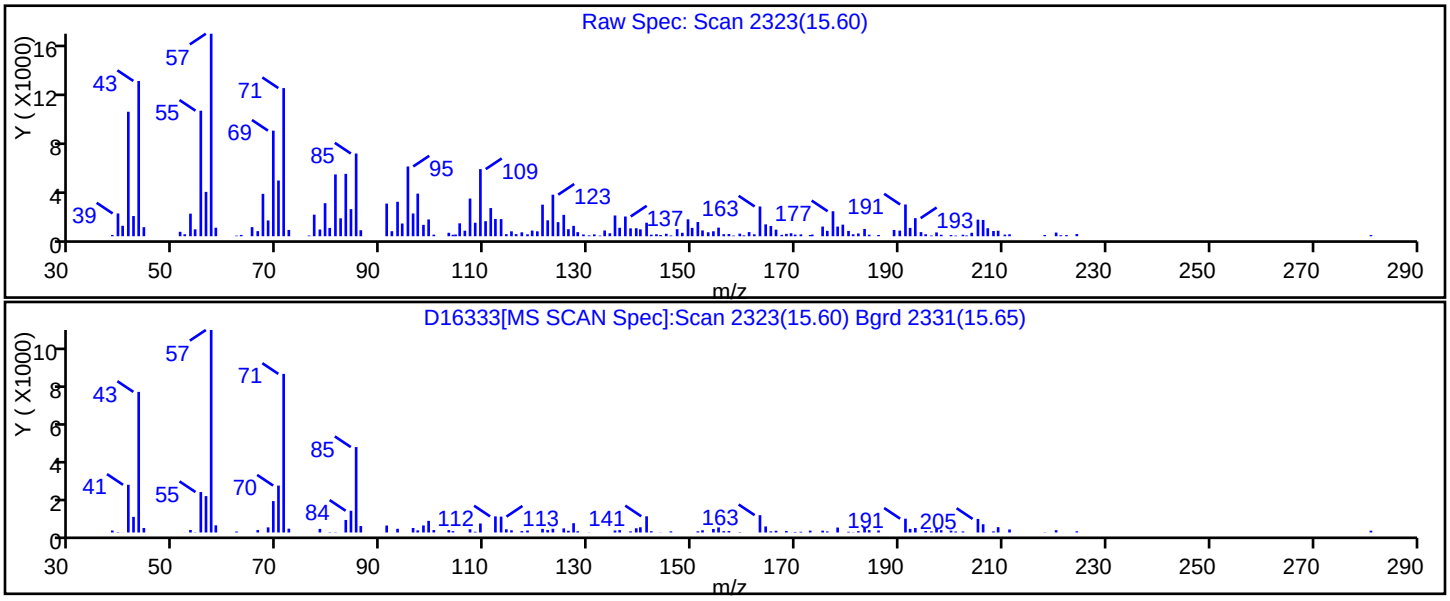
Report Date: 12-Nov-2015 12:53:19 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16333.D

Injection Date:	10-Nov-2015 07:49:30	Instrument ID:	CVOAMS4		
Lims ID:	460-104194-B-10-A	Lab Sample ID:	460-104194-10		
Client ID:	PRA-20-N				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-15-NW2-WT | Lab Sample ID: 460-104194-11

Matrix: Solid | Lab File ID: B89774.D

Analysis Method: 8260C | Date Collected: 11/06/2015 09:18

Sample wt/vol: 5.969(g) | Date Analyzed: 11/10/2015 05:42

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.2 | Level: (low/med) Medium

Analysis Batch No.: 334211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	20	U	92	20
74-83-9	Bromomethane	17	U	92	17
75-01-4	Vinyl chloride	18	U	92	18
75-00-3	Chloroethane	34	U	92	34
75-09-2	Methylene Chloride	19	U	92	19
67-64-1	Acetone	99	U	460	99
75-15-0	Carbon disulfide	20	U	92	20
75-69-4	Trichlorofluoromethane	14	U	92	14
75-35-4	1,1-Dichloroethene	31	U	92	31
75-34-3	1,1-Dichloroethane	22	U *	92	22
156-60-5	trans-1,2-Dichloroethene	17	U	92	17
156-59-2	cis-1,2-Dichloroethene	24	U	92	24
67-66-3	Chloroform	20	U	92	20
78-93-3	2-Butanone	200	U	460	200
107-06-2	1,2-Dichloroethane	23	U	92	23
71-55-6	1,1,1-Trichloroethane	26	U	92	26
56-23-5	Carbon tetrachloride	30	U	92	30
71-43-2	Benzene	18	U	92	18
75-25-2	Bromoform	17	U	92	17
100-42-5	Styrene	16	U	92	16
100-41-4	Ethylbenzene	28	U	92	28
108-90-7	Chlorobenzene	22	U	92	22
110-82-7	Cyclohexane	24	U	92	24
98-82-8	Isopropylbenzene	30	U	92	30
591-78-6	2-Hexanone	66	U	460	66
1634-04-4	MTBE	12	U	92	12
76-13-1	Freon TF	31	U	92	31
79-20-9	Methyl acetate	54	U *	460	54
123-91-1	1,4-Dioxane	800	U *	2300	800
79-01-6	Trichloroethene	20	U	92	20
108-88-3	Toluene	23	U	92	23
10061-02-6	trans-1,3-Dichloropropene	18	U	92	18
108-10-1	4-Methyl-2-pentanone	58	U	460	58
10061-01-5	cis-1,3-Dichloropropene	15	U	92	15
95-50-1	1,2-Dichlorobenzene	34	J	92	20
541-73-1	1,3-Dichlorobenzene	30	U	92	30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-15-NW2-WT | Lab Sample ID: 460-104194-11

Matrix: Solid | Lab File ID: B89774.D

Analysis Method: 8260C | Date Collected: 11/06/2015 09:18

Sample wt/vol: 5.969(g) | Date Analyzed: 11/10/2015 05:42

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.2 | Level: (low/med) Medium

Analysis Batch No.: 334211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	64	J	92	30
120-82-1	1,2,4-Trichlorobenzene	6300		92	25
87-61-6	1,2,3-Trichlorobenzene	1400		92	32
78-87-5	1,2-Dichloropropane	17	U	92	17
108-87-2	Methylcyclohexane	20	U	92	20
127-18-4	Tetrachloroethene	340		92	33
1330-20-7	Xylenes, Total	66	J	180	26
96-12-8	1,2-Dibromo-3-Chloropropane	21	U	92	21
79-34-5	1,1,2,2-Tetrachloroethane	18	U	92	18
79-00-5	1,1,2-Trichloroethane	7.4	U *	92	7.4
124-48-1	Dibromochloromethane	20	U	92	20
106-93-4	1,2-Dibromoethane	18	U	92	18
75-71-8	Dichlorodifluoromethane	13	U	92	13
74-97-5	Bromochloromethane	28	U	92	28
75-27-4	Bromodichloromethane	14	U	92	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		69-145
2037-26-5	Toluene-d8 (Surr)	113		72-136
460-00-4	Bromofluorobenzene	111		64-131
1868-53-7	Dibromofluoromethane (Surr)	121		74-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-15-NW2-WT | Lab Sample ID: 460-104194-11

Matrix: Solid | Lab File ID: B89774.D

Analysis Method: 8260C | Date Collected: 11/06/2015 09:18

Sample wt/vol: 5.969(g) | Date Analyzed: 11/10/2015 05:42

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.2 | Level: (low/med) Medium

Analysis Batch No.: 334211 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 145000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
91-17-8	Naphthalene, decahydro-	10.80	16000	J N
	Unknown	11.22	10000	J
2958-76-1	Naphthalene, decahydro-2-methyl-	11.30	15000	J N
	Unknown	11.46	15000	J
13632-94-5	Benzene, 1,4-diethyl-2-methyl-	11.54	14000	J N
	Unknown	11.80	10000	J
	Unknown	11.90	22000	J
6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-	12.08	14000	J N
	Unknown	12.24	17000	J
2613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	12.92	12000	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89774.D
Lims ID: 460-104194-A-11-A Lab Sample ID: 460-104194-11
Client ID: PMP-15-NW2-WT
Sample Type: Client
Inject. Date: 10-Nov-2015 05:42:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-104194-A-11-A
Misc. Info.: 460-0034015-020
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 04:20:47 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK025

First Level Reviewer: khlungprakhons Date: 11-Nov-2015 04:20:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.616	2.607	0.009	86	183682	1000.0	
* 158 2-Butanone-d5	46	3.686	3.677	0.009	98	213891	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.204	4.204	0.000	93	156223	60.4	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.583	4.574	0.009	93	155462	58.9	
* 62 Fluorobenzene	96	4.887	4.879	0.008	99	509011	50.0	
* 69 1,4-Dioxane-d8	96	5.727	5.718	0.009	52	17742	1000.0	
$ 80 Toluene-d8 (Surr)	98	6.871	6.862	0.009	100	490036	56.7	
85 Tetrachloroethene	166	7.562	7.553	0.009	93	10988	3.64	
* 91 Chlorobenzene-d5	117	8.500	8.492	0.008	82	439903	50.0	
96 o-Xylene	106	9.109	9.101	0.008	92	3826	0.7167	
$ 102 4-Bromofluorobenzene	174	9.611	9.603	0.008	96	209228	55.7	
* 119 1,4-Dichlorobenzene-d4	152	10.574	10.574	0.000	92	294896	50.0	
120 1,4-Dichlorobenzene	146	10.590	10.590	0.000	42	5084	0.6963	
125 1,2-Dichlorobenzene	146	10.895	10.887	0.009	40	2687	0.3668	
130 1,2,4-Trichlorobenzene	180	12.121	12.113	0.008	93	303147	68.2	
133 1,2,3-Trichlorobenzene	180	12.516	12.516	0.000	83	63369	15.5	
S 135 Xylenes, Total	100				0		0.7167	

Reagents:

8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89774.D
Lims ID: 460-104194-A-11-A Lab Sample ID: 460-104194-11
Client ID: PMP-15-NW2-WT
Sample Type: Client
Inject. Date: 10-Nov-2015 05:42:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-104194-A-11-A
Misc. Info.: 460-0034015-020
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 04:20:47 Calib Date: 31-Oct-2015 15:49:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 85

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK025

First Level Reviewer: khlungprakhons Date: 11-Nov-2015 04:20:47

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
91-17-8 Naphthalene, decahydro-								
10.796	8777167	171.7	119	95	16287	C10H18	138	
Unknown								
11.224	5732994	112.2	119					
2958-76-1 Naphthalene, decahydro-2-methyl-								
11.298	8540237	167.1	119	96	24328	C11H20	152	
Unknown								
11.463	8202958	160.5	119					
13632-94-5 Benzene, 1,4-diethyl-2-methyl-								
11.537	7521947	147.1	119	90	21821	C11H16	148	
Unknown								
11.800	5558026	108.7	119					
Unknown								
11.899	12196668	238.6	119					
6682-71-9 1H-Indene, 2,3-dihydro-4,7-dimethyl-								
12.080	7684923	150.3	119	87	20746	C11H14	146	
Unknown								
12.236	9475057	185.4	119					
2613-76-5 1H-Indene, 2,3-dihydro-1,1,3-trimethyl-								
12.919	6582377	128.8	119	87	29424	C12H16	160	

Report Date: 11-Nov-2015 04:20:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48
Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89774.D
Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 119 1,4-Dichlorobenzene-d4	10.574	2555891	50.0

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

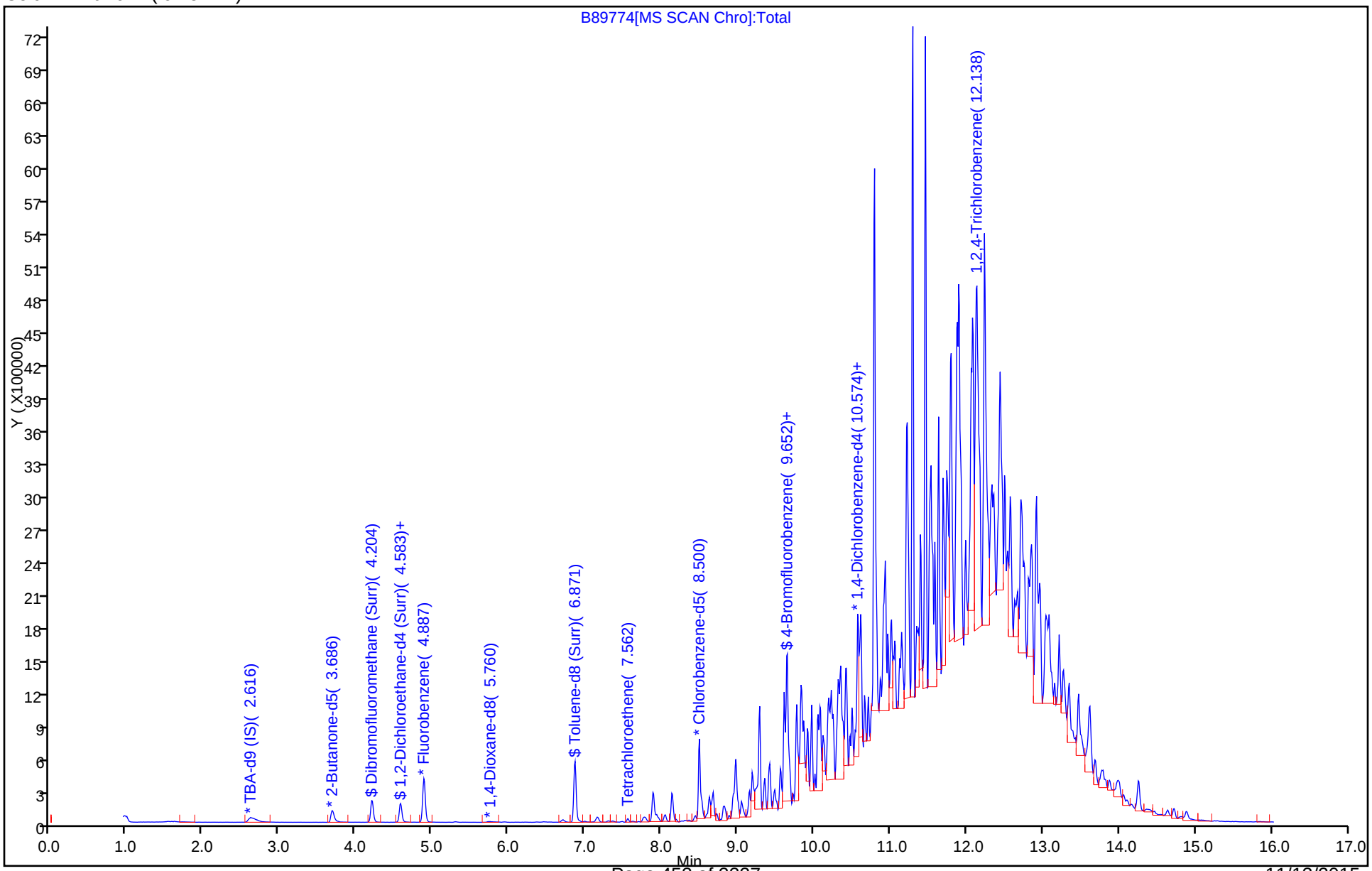
Report Date: 11-Nov-2015 04:20:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89774.D

Injection Date:	10-Nov-2015 05:42:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-104194-A-11-A	Lab Sample ID:	460-104194-11	Worklist Smp#:	20
Client ID:	PMP-15-NW2-WT				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	19
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

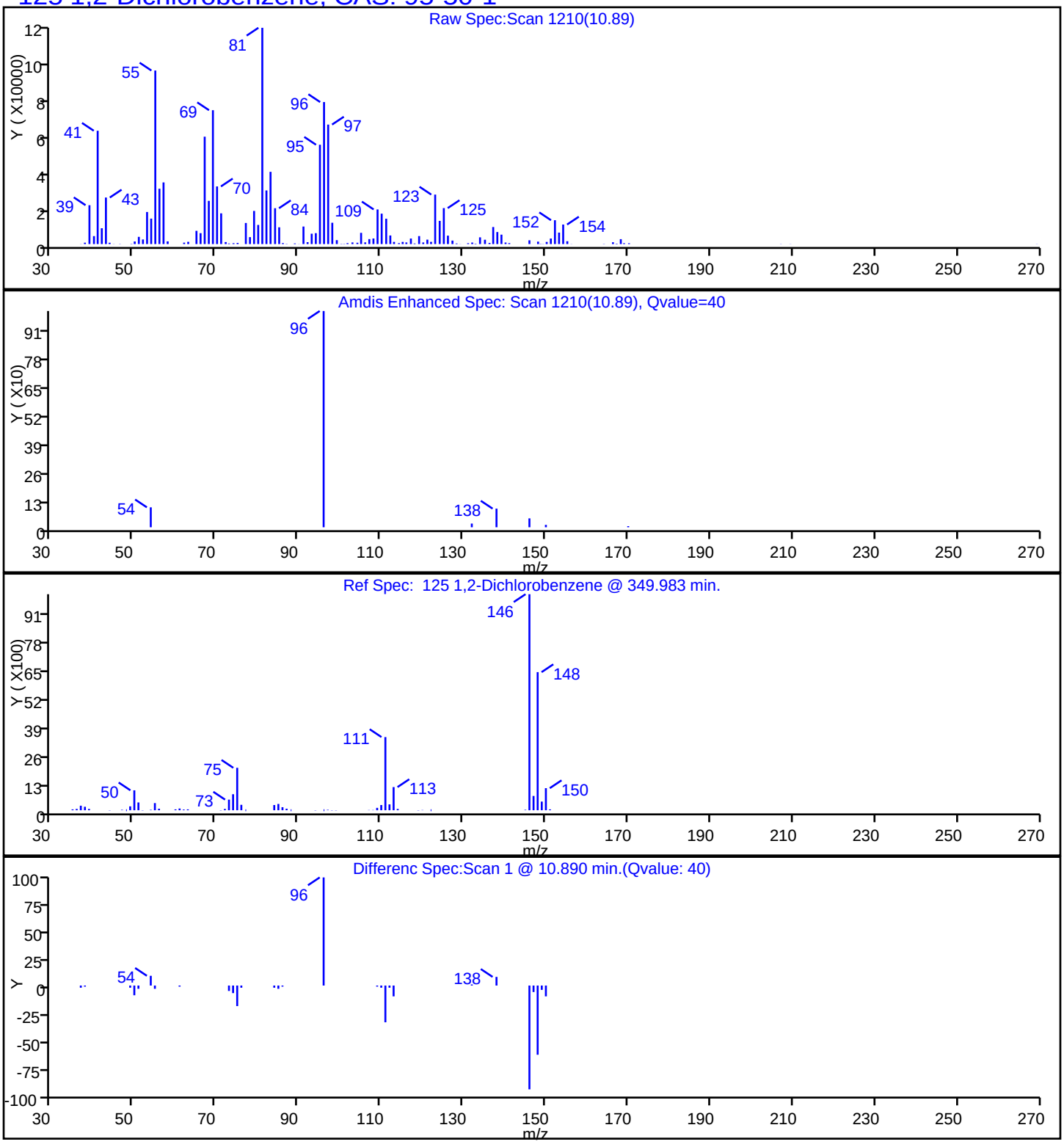
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89774.D				
Injection Date:	10-Nov-2015 05:42:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104194-A-11-A	Lab Sample ID:	460-104194-11		
Client ID:	PMP-15-NW2-WT				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

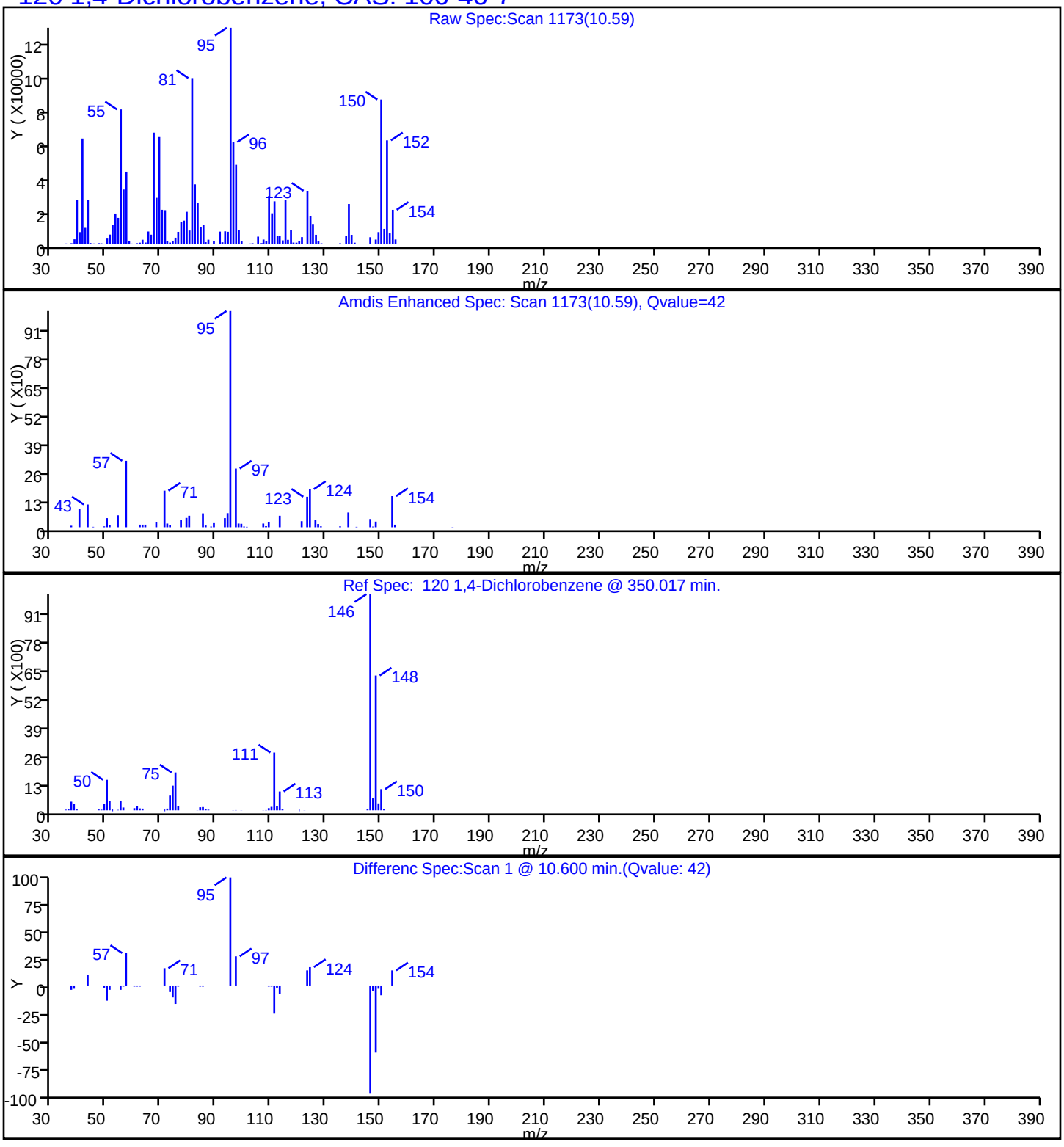
125 1,2-Dichlorobenzene, CAS: 95-50-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89774.D		
Injection Date:	10-Nov-2015 05:42:30	Instrument ID:	CVOAMS2
Lims ID:	460-104194-A-11-A	Lab Sample ID:	460-104194-11
Client ID:	PMP-15-NW2-WT		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

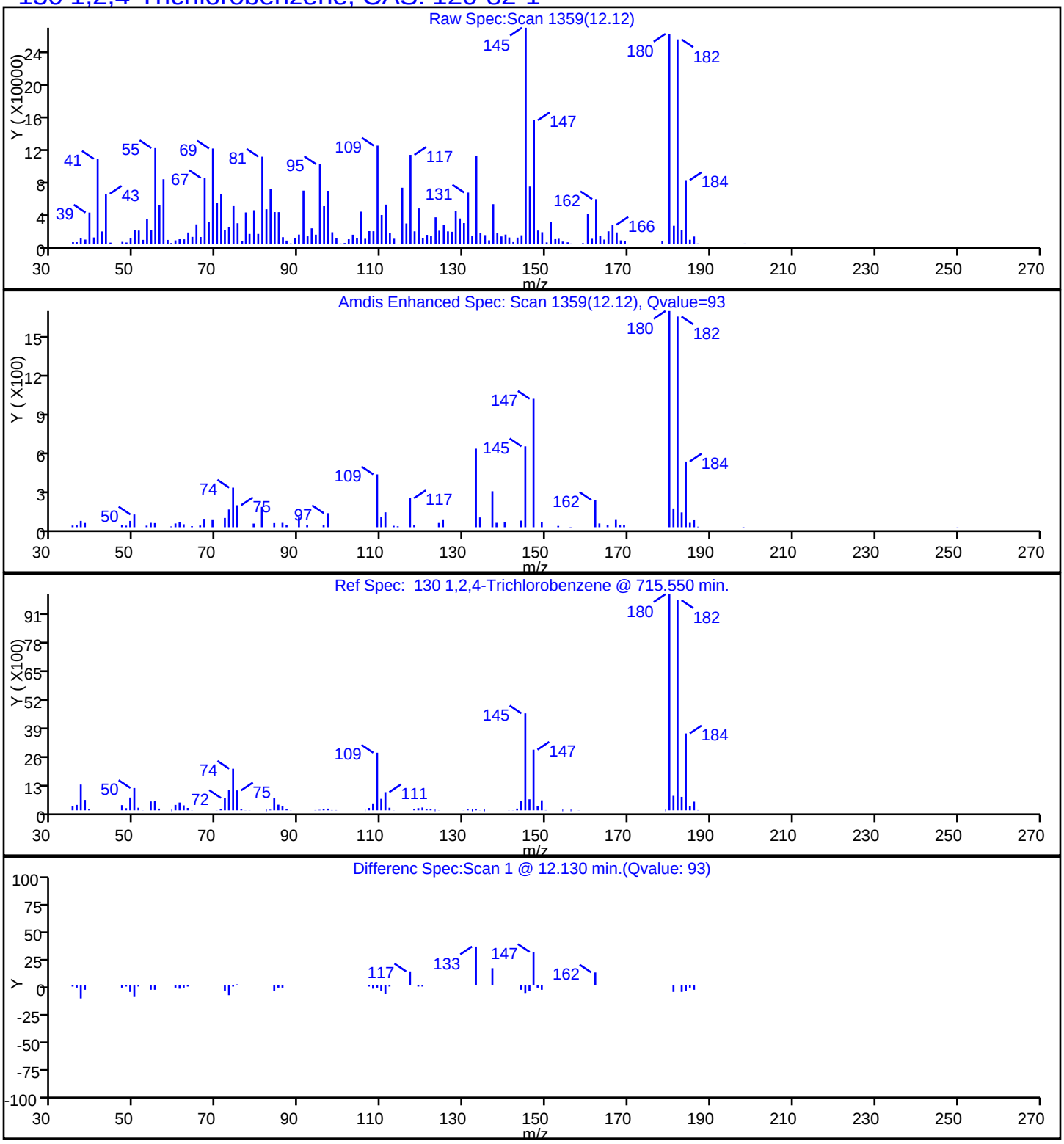
120 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89774.D				
Injection Date:	10-Nov-2015 05:42:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104194-A-11-A	Lab Sample ID:	460-104194-11		
Client ID:	PMP-15-NW2-WT				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

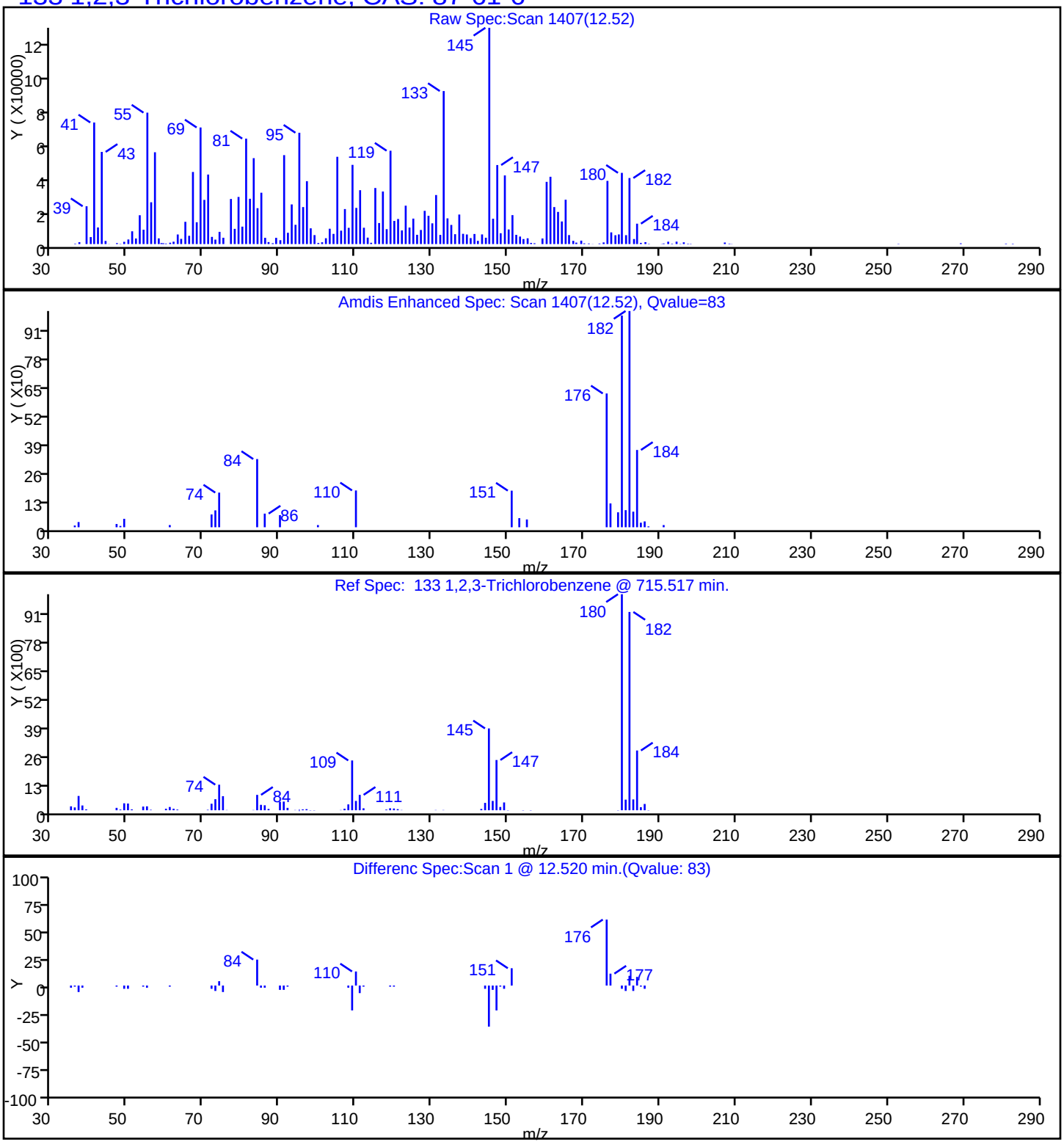
130 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89774.D				
Injection Date:	10-Nov-2015 05:42:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104194-A-11-A	Lab Sample ID:	460-104194-11		
Client ID:	PMP-15-NW2-WT				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

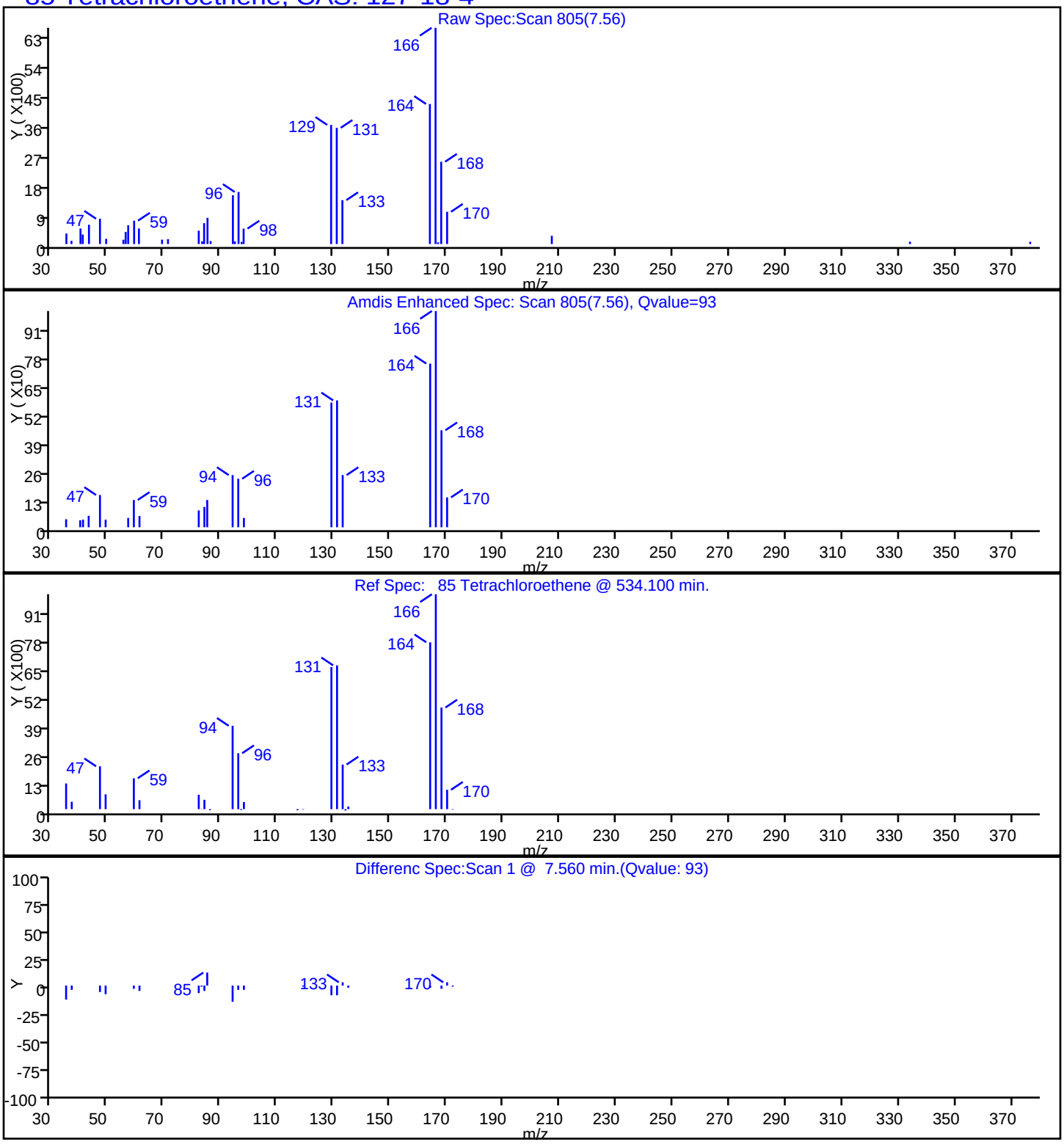
133 1,2,3-Trichlorobenzene, CAS: 87-61-6



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89774.D		
Injection Date:	10-Nov-2015 05:42:30	Instrument ID:	CVOAMS2
Lims ID:	460-104194-A-11-A	Lab Sample ID:	460-104194-11
Client ID:	PMP-15-NW2-WT		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

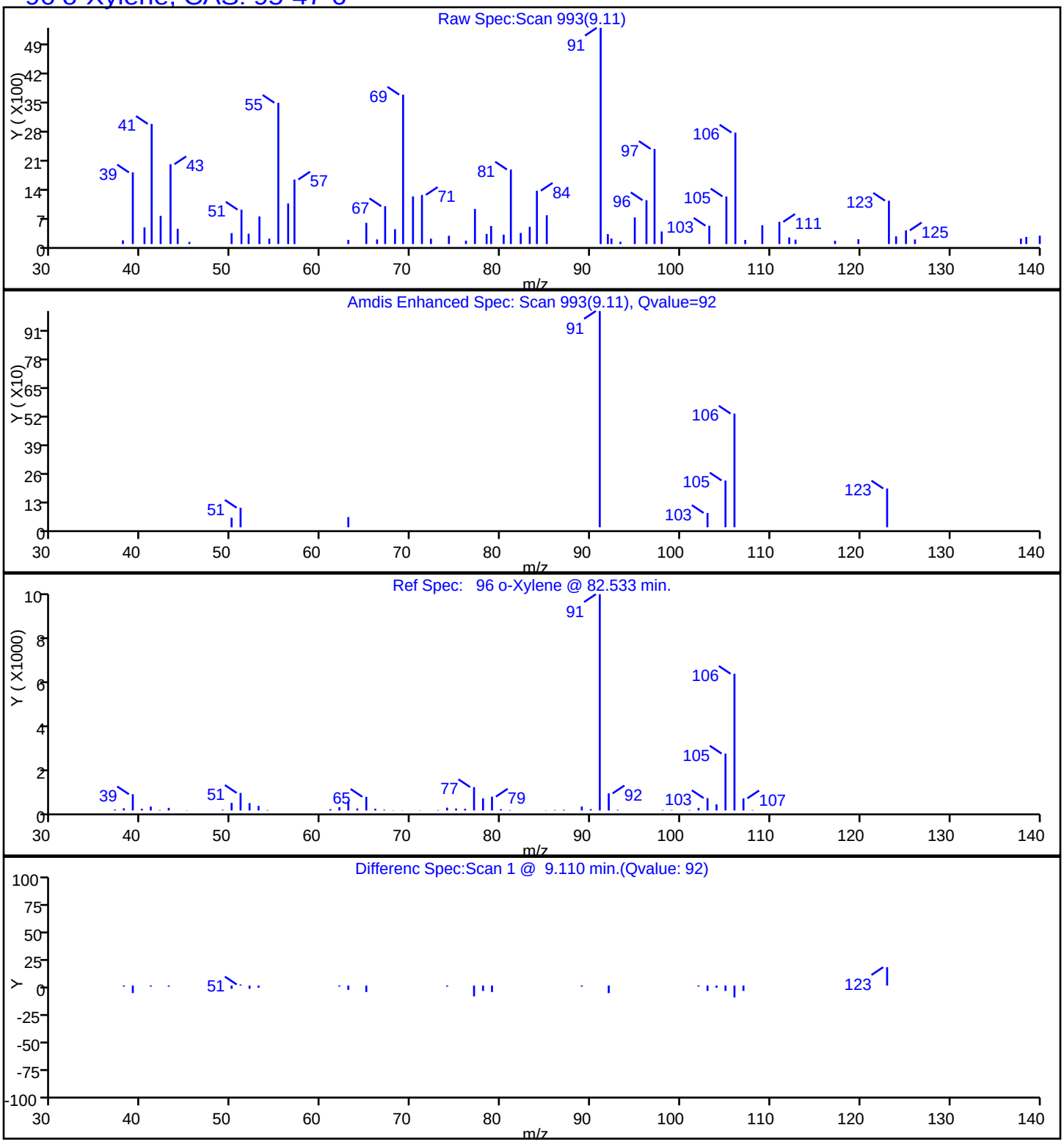
85 Tetrachloroethene, CAS: 127-18-4



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89774.D				
Injection Date:	10-Nov-2015 05:42:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104194-A-11-A	Lab Sample ID:	460-104194-11		
Client ID:	PMP-15-NW2-WT				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

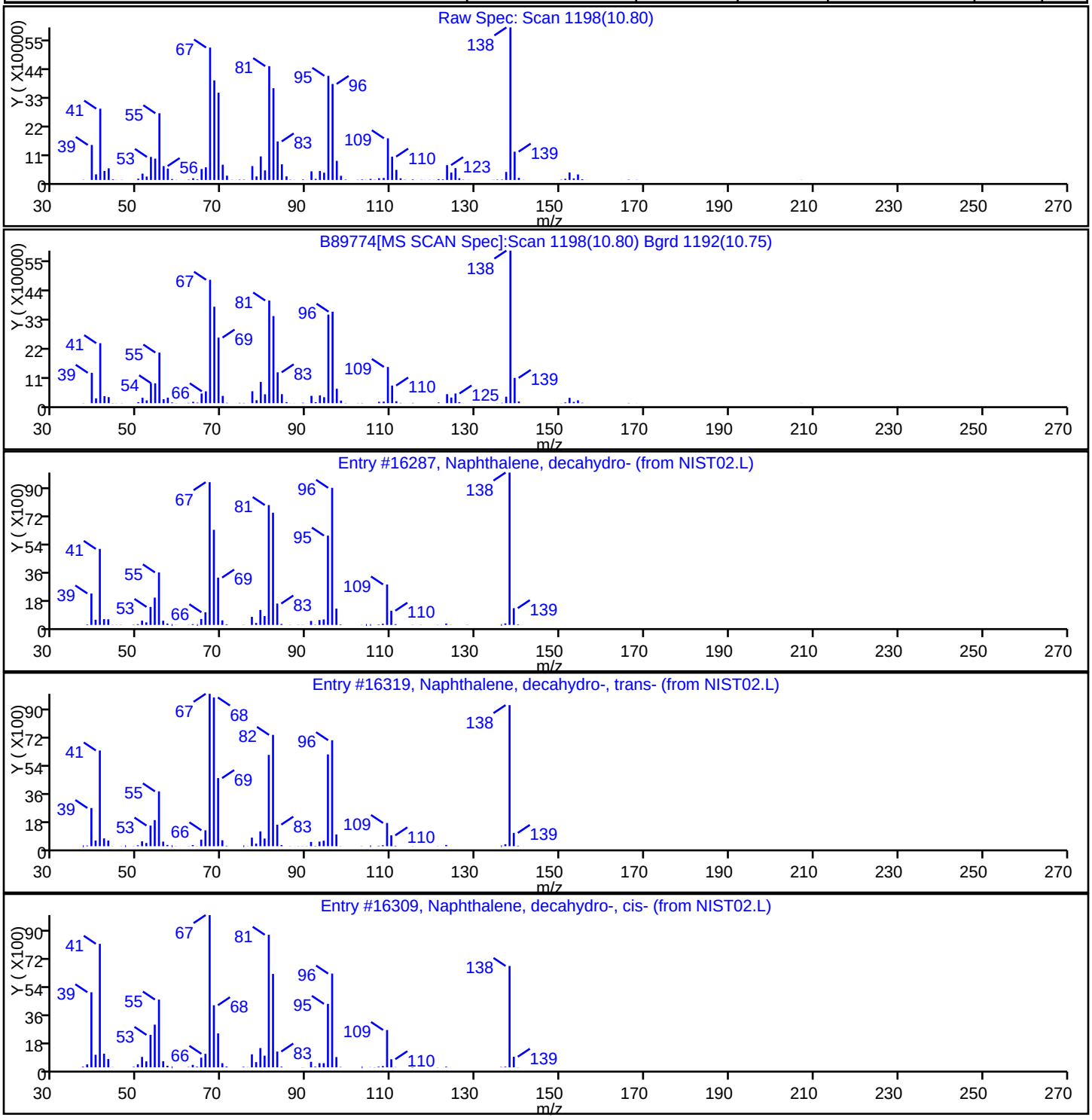
96 o-Xylene, CAS: 95-47-6



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89774.D
Injection Date: 10-Nov-2015 05:42:30 Instrument ID: CVOAMS2
Lims ID: 460-104194-A-11-A Lab Sample ID: 460-104194-11
Client ID: PMP-15-NW2-WT
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-	91-17-8	NIST02.L	16287	C10H18	138	95
Naphthalene, decahydro-, trans-	493-02-7	NIST02.L	16319	C10H18	138	95
Naphthalene, decahydro-, cis-	493-01-6	NIST02.L	16309	C10H18	138	91



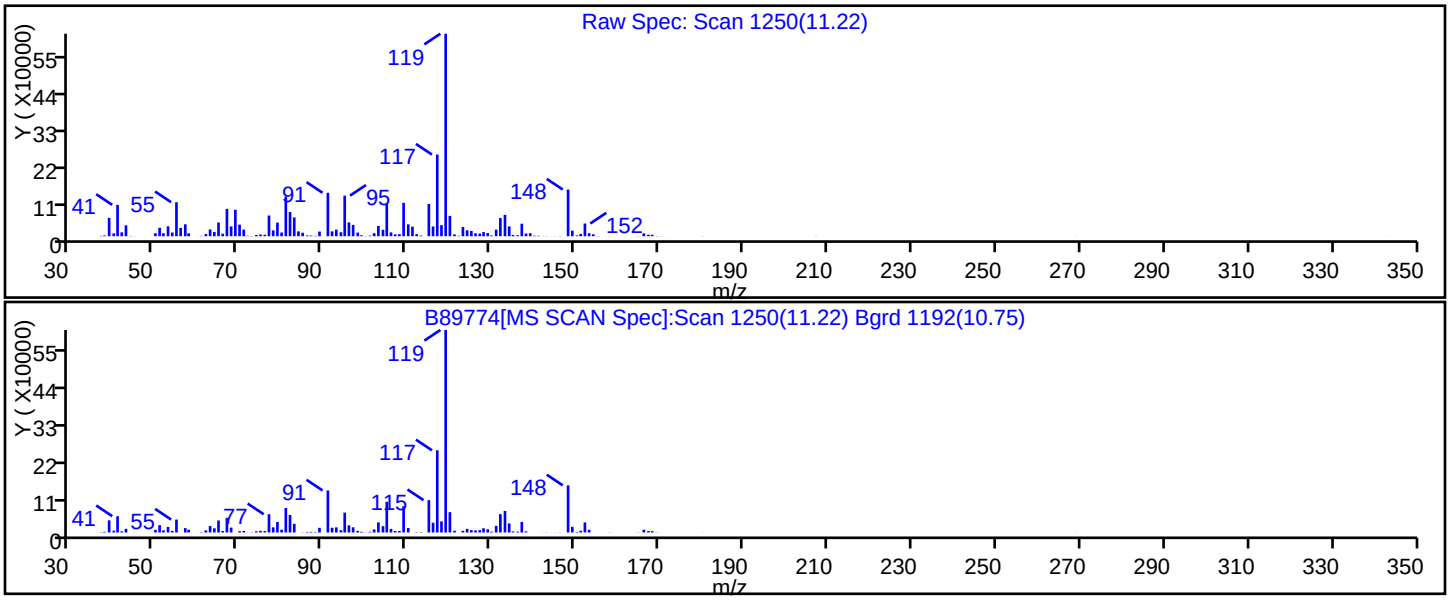
Report Date: 11-Nov-2015 04:20:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89774.D

Injection Date:	10-Nov-2015 05:42:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104194-A-11-A	Lab Sample ID:	460-104194-11		
Client ID:	PMP-15-NW2-WT				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

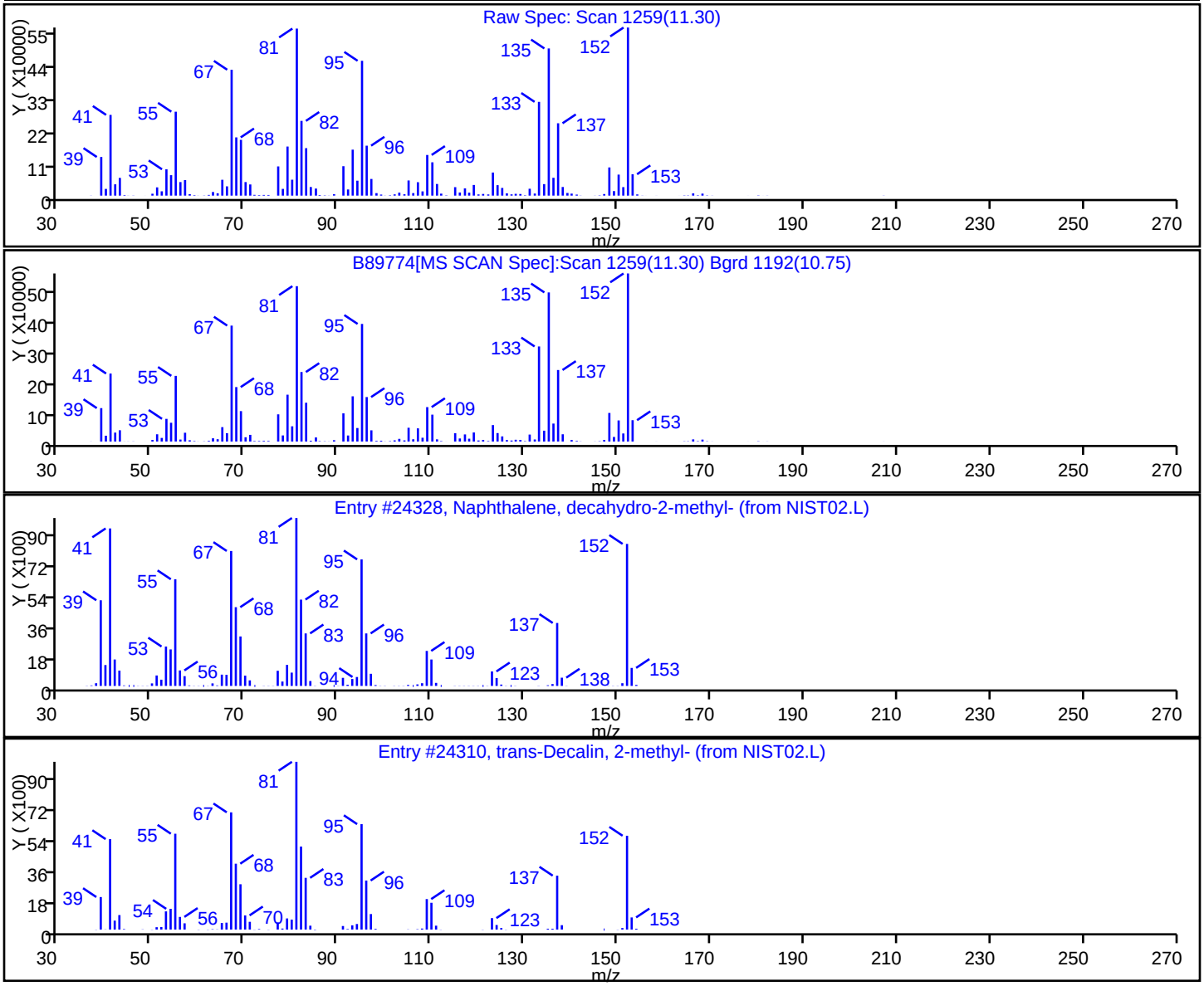
No Library Matches Found above the Threshold: 85



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89774.D
Injection Date: 10-Nov-2015 05:42:30 Instrument ID: CVOAMS2
Lims ID: 460-104194-A-11-A Lab Sample ID: 460-104194-11
Client ID: PMP-15-NW2-WT
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	C11H20	152	96
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	C11H20	152	94



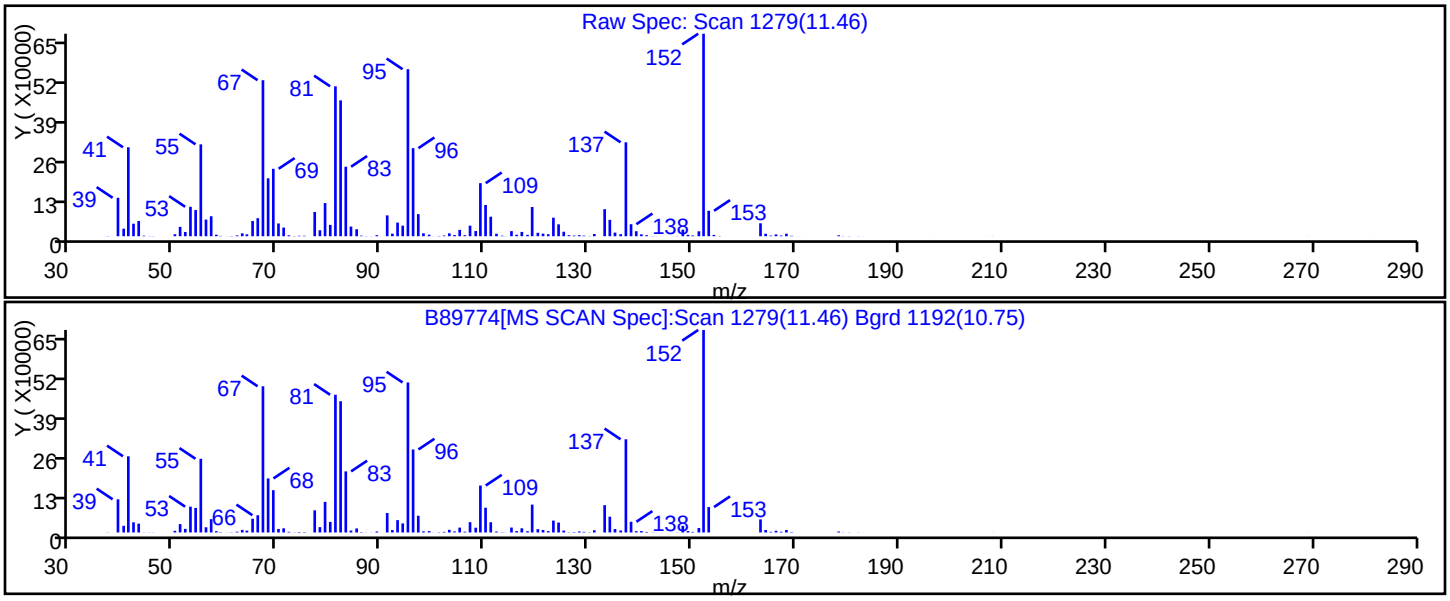
Report Date: 11-Nov-2015 04:20:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89774.D

Injection Date:	10-Nov-2015 05:42:30	Instrument ID:	CVOAMS2
Lims ID:	460-104194-A-11-A	Lab Sample ID:	460-104194-11
Client ID:	PMP-15-NW2-WT		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85

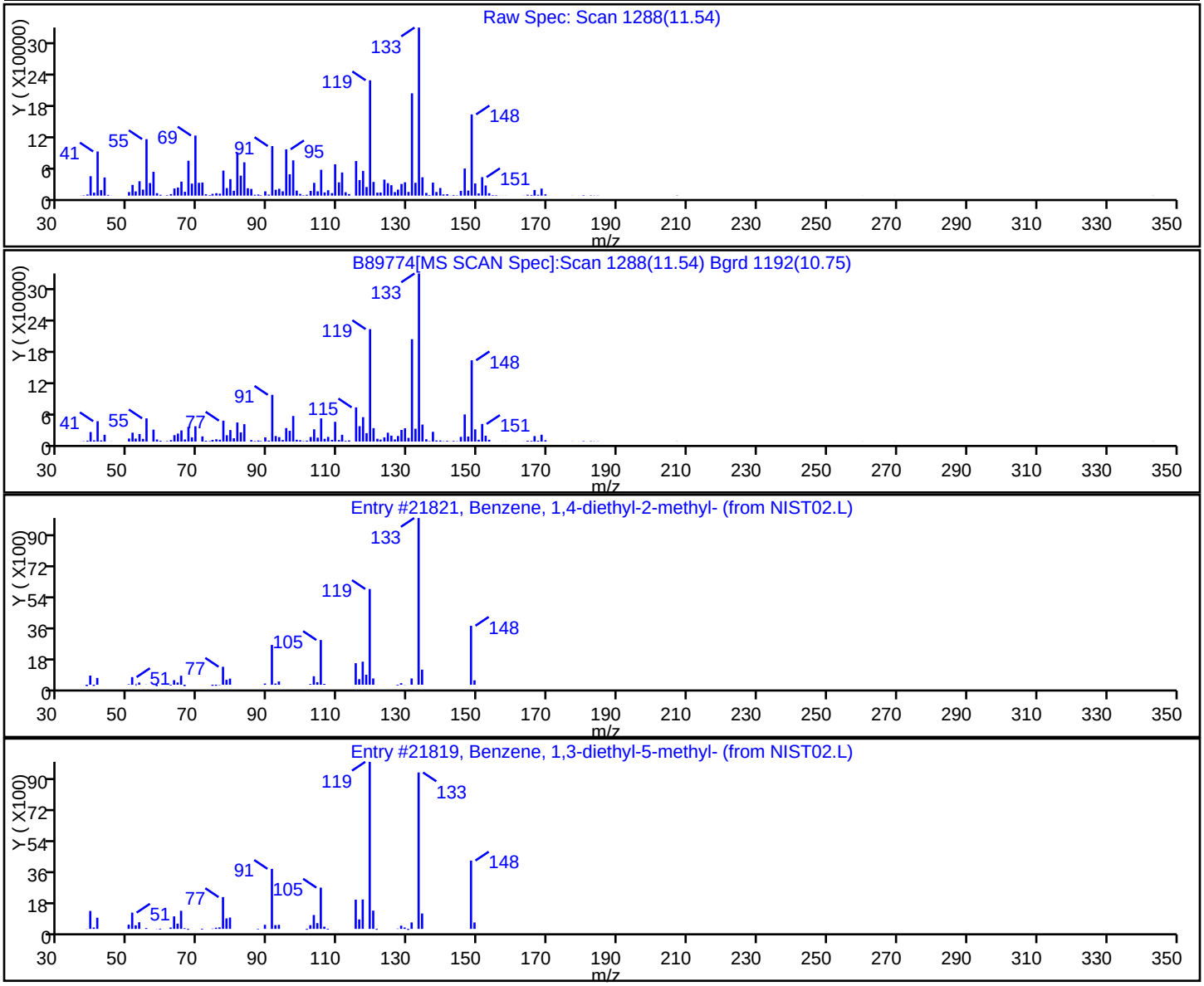


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89774.D

Injection Date:	10-Nov-2015 05:42:30	Instrument ID:	CVOAMS2
Lims ID:	460-104194-A-11-A	Lab Sample ID:	460-104194-11
Client ID:	PMP-15-NW2-WT		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,4-diethyl-2-methyl-	13632-94-5	NIST02.L	21821	C11H16	148	90
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.L	21819	C11H16	148	89



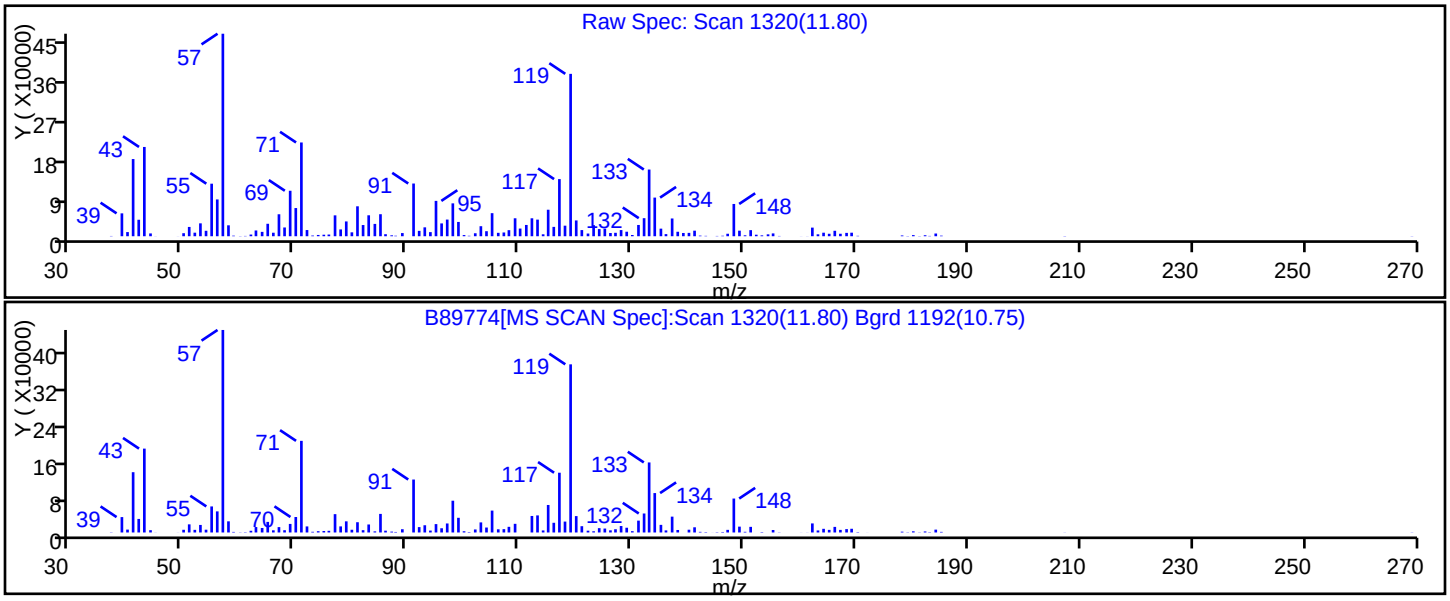
Report Date: 11-Nov-2015 04:20:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89774.D

Injection Date:	10-Nov-2015 05:42:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104194-A-11-A	Lab Sample ID:	460-104194-11		
Client ID:	PMP-15-NW2-WT				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



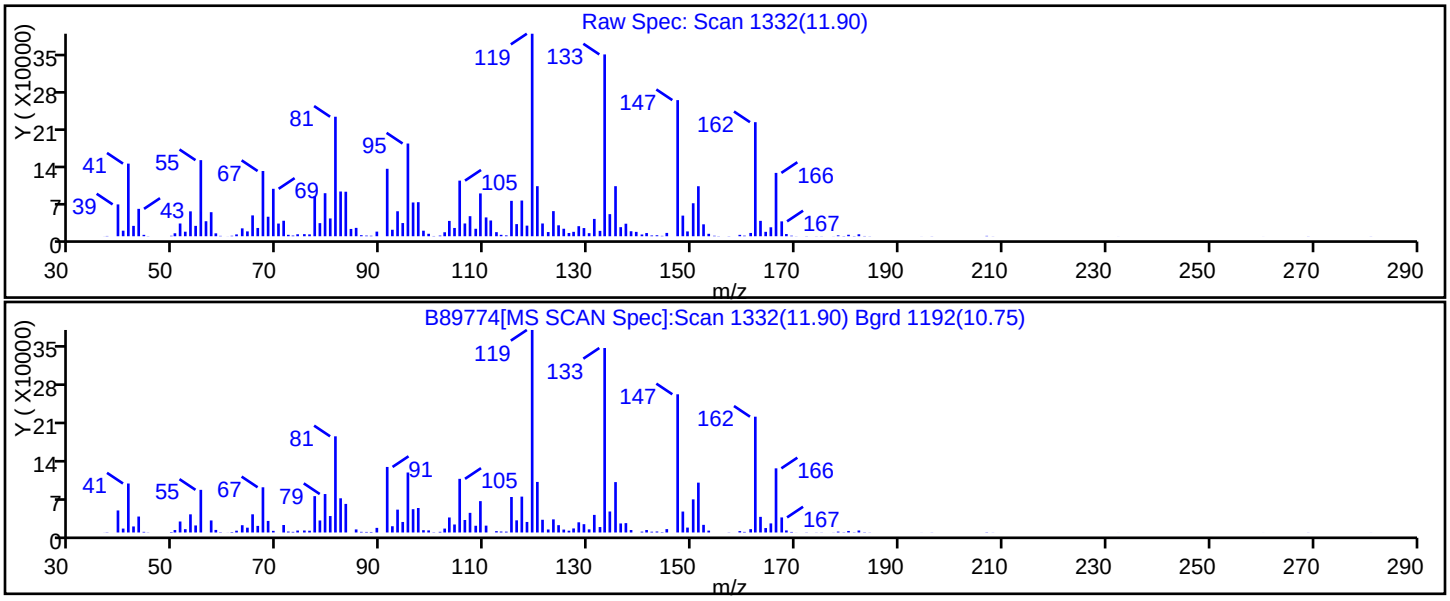
Report Date: 11-Nov-2015 04:20:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89774.D

Injection Date:	10-Nov-2015 05:42:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104194-A-11-A	Lab Sample ID:	460-104194-11		
Client ID:	PMP-15-NW2-WT				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



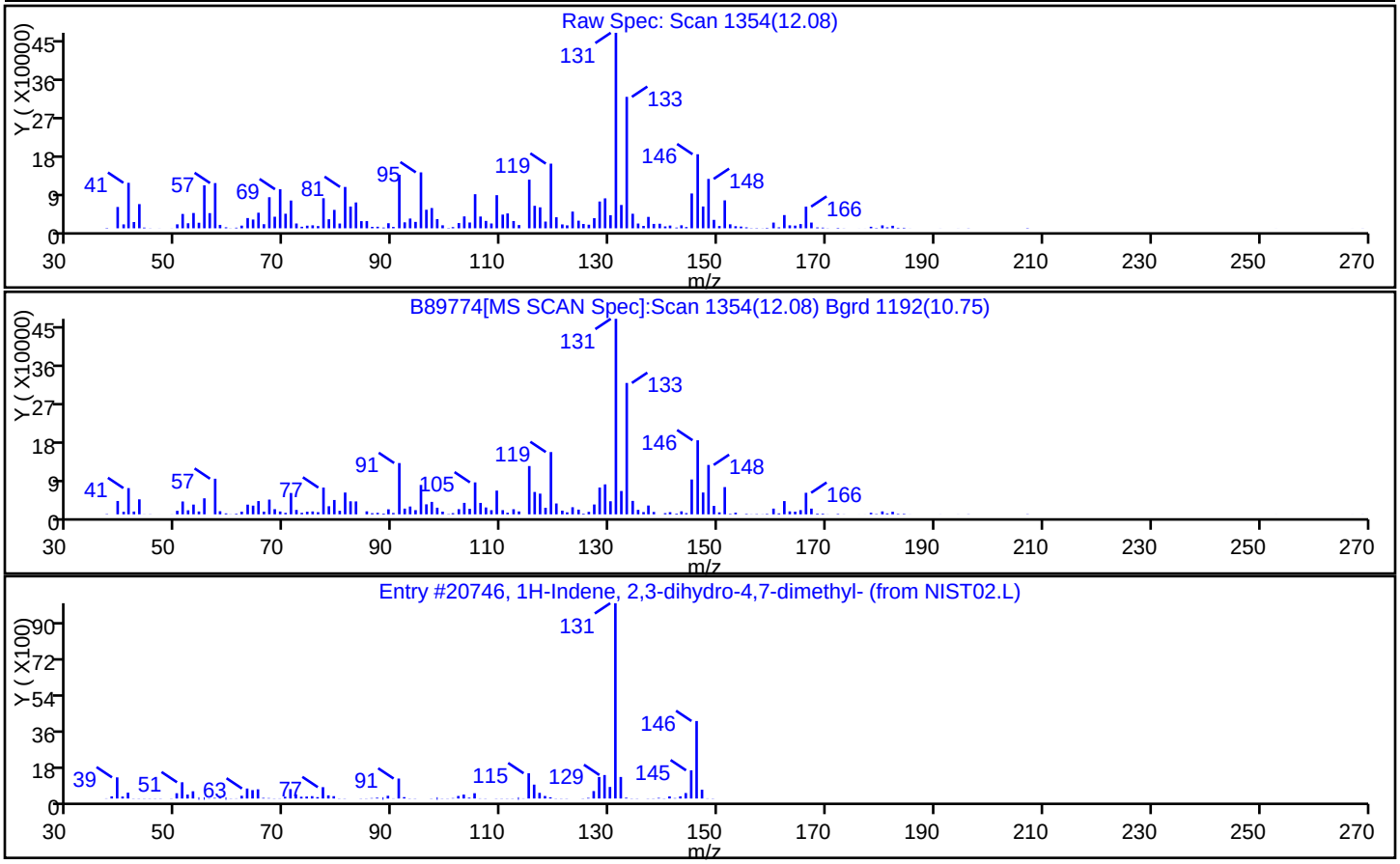
Report Date: 11-Nov-2015 04:20:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89774.D

Injection Date:	10-Nov-2015 05:42:30	Instrument ID:	CVOAMS2
Lims ID:	460-104194-A-11-A	Lab Sample ID:	460-104194-11
Client ID:	PMP-15-NW2-WT		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1H-Indene, 2,3-dihydro-4,7-dimethyl-	6682-71-9	NIST02.L	20746	C11H14	146	87



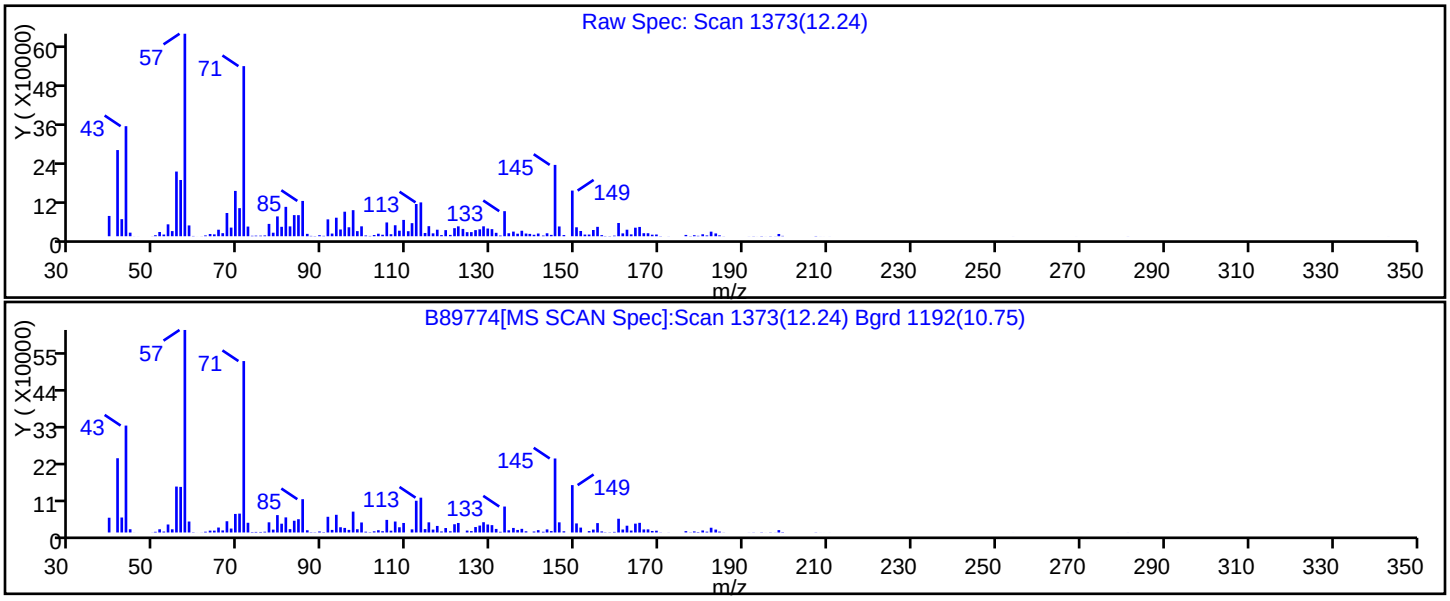
Report Date: 11-Nov-2015 04:20:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89774.D

Injection Date:	10-Nov-2015 05:42:30	Instrument ID:	CVOAMS2
Lims ID:	460-104194-A-11-A	Lab Sample ID:	460-104194-11
Client ID:	PMP-15-NW2-WT		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

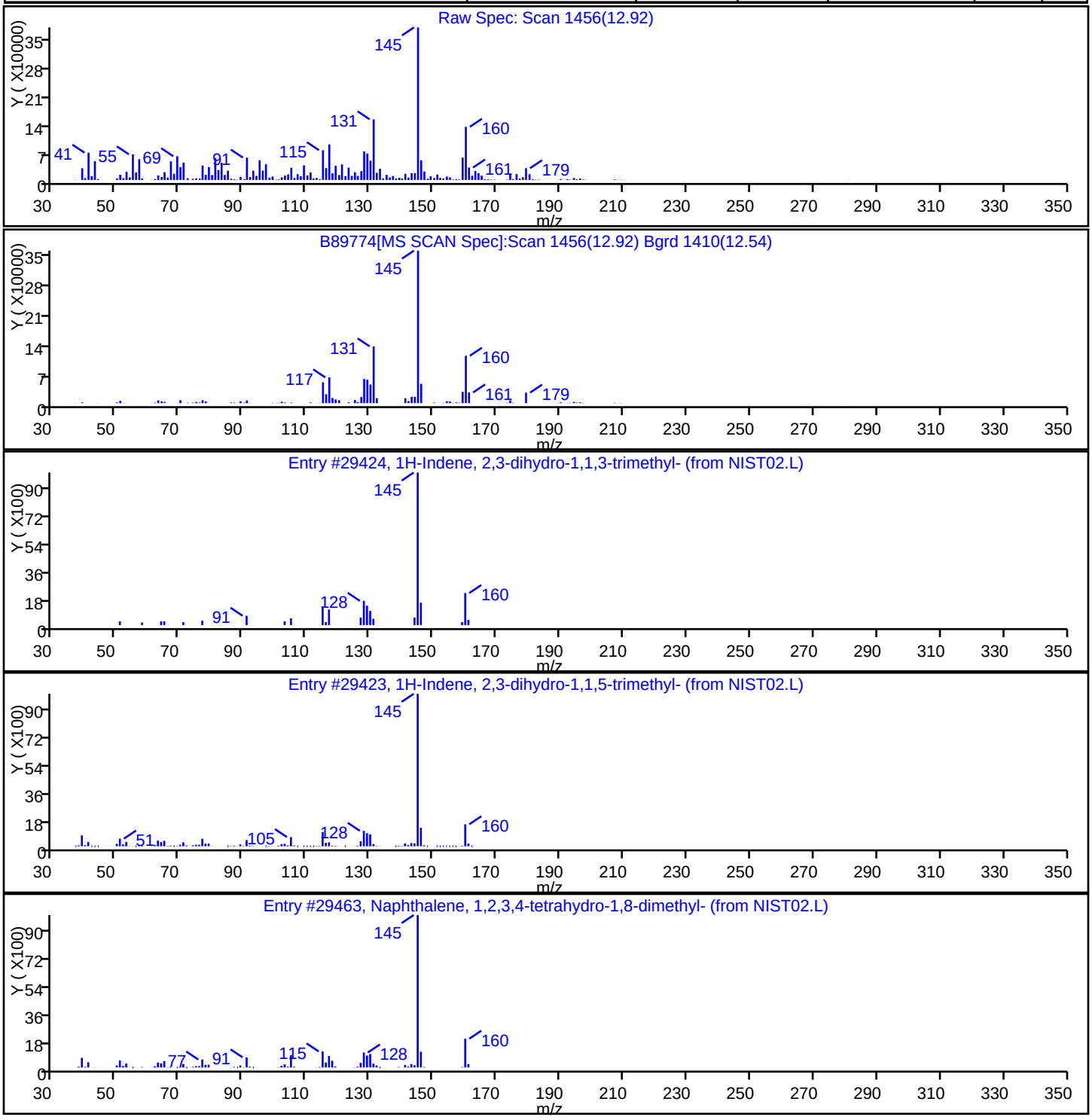
No Library Matches Found above the Threshold: 85



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89774.D
Injection Date: 10-Nov-2015 05:42:30 Instrument ID: CVOAMS2
Lims ID: 460-104194-A-11-A Lab Sample ID: 460-104194-11
Client ID: PMP-15-NW2-WT
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	2613-76-5	NIST02.L	29424	C12H16	160	87
1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	40650-41-7	NIST02.L	29423	C12H16	160	87
Naphthalene, 1,2,3,4-tetrahydro-1,8-dime	25419-33-4	NIST02.L	29463	C12H16	160	87



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-16-NW2-WT | Lab Sample ID: 460-104194-12

Matrix: Solid | Lab File ID: D16334.D

Analysis Method: 8260C | Date Collected: 11/06/2015 09:05

Sample wt/vol: 6.108(g) | Date Analyzed: 11/10/2015 08:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.4 | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.33	U	0.86	0.33
74-83-9	Bromomethane	0.28	U	0.86	0.28
75-01-4	Vinyl chloride	0.34	U	0.86	0.34
75-00-3	Chloroethane	0.30	U	0.86	0.30
75-09-2	Methylene Chloride	0.28	U	0.86	0.28
67-64-1	Acetone	9.3		4.3	0.92
75-15-0	Carbon disulfide	0.37	U	0.86	0.37
75-69-4	Trichlorofluoromethane	0.29	U	0.86	0.29
75-35-4	1,1-Dichloroethene	0.35	U	0.86	0.35
75-34-3	1,1-Dichloroethane	0.29	U	0.86	0.29
156-60-5	trans-1,2-Dichloroethene	0.34	U	0.86	0.34
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.86	0.19
67-66-3	Chloroform	0.18	U	0.86	0.18
78-93-3	2-Butanone	4.1	J	4.3	0.67
107-06-2	1,2-Dichloroethane	0.095	U	0.86	0.095
71-55-6	1,1,1-Trichloroethane	0.33	U	0.86	0.33
56-23-5	Carbon tetrachloride	0.37	U	0.86	0.37
71-43-2	Benzene	0.17	U	0.86	0.17
75-25-2	Bromoform	0.11	U	0.86	0.11
100-42-5	Styrene	0.13	U	0.86	0.13
100-41-4	Ethylbenzene	0.22	J	0.86	0.16
108-90-7	Chlorobenzene	0.12	U	0.86	0.12
110-82-7	Cyclohexane	0.40	U	0.86	0.40
98-82-8	Isopropylbenzene	0.15	U	0.86	0.15
591-78-6	2-Hexanone	0.81	U	4.3	0.81
1634-04-4	MTBE	0.15	U	0.86	0.15
76-13-1	Freon TF	0.38	U	0.86	0.38
79-20-9	Methyl acetate	0.78	U	4.3	0.78
123-91-1	1,4-Dioxane	5.5	U	17	5.5
79-01-6	Trichloroethene	0.22	U	0.86	0.22
108-88-3	Toluene	0.18	J	0.86	0.16
10061-02-6	trans-1,3-Dichloropropene	0.086	U	0.86	0.086
108-10-1	4-Methyl-2-pentanone	1.9	U	4.3	1.9
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.86	0.13
95-50-1	1,2-Dichlorobenzene	0.12	U	0.86	0.12
541-73-1	1,3-Dichlorobenzene	1.8		0.86	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-16-NW2-WT | Lab Sample ID: 460-104194-12

Matrix: Solid | Lab File ID: D16334.D

Analysis Method: 8260C | Date Collected: 11/06/2015 09:05

Sample wt/vol: 6.108(g) | Date Analyzed: 11/10/2015 08:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.4 | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	24		0.86	0.11
120-82-1	1,2,4-Trichlorobenzene	0.28	U	0.86	0.28
87-61-6	1,2,3-Trichlorobenzene	0.095	U	0.86	0.095
78-87-5	1,2-Dichloropropane	0.15	U	0.86	0.15
108-87-2	Methylcyclohexane	8.4		0.86	0.43
127-18-4	Tetrachloroethene	0.85	J	0.86	0.24
1330-20-7	Xylenes, Total	0.31	J	1.7	0.095
96-12-8	1,2-Dibromo-3-Chloropropane	0.41	U	0.86	0.41
79-34-5	1,1,2,2-Tetrachloroethane	0.15	U	0.86	0.15
79-00-5	1,1,2-Trichloroethane	0.24	U	0.86	0.24
124-48-1	Dibromochloromethane	0.13	U	0.86	0.13
106-93-4	1,2-Dibromoethane	0.10	U	0.86	0.10
75-71-8	Dichlorodifluoromethane	0.28	U	0.86	0.28
74-97-5	Bromochloromethane	0.15	U	0.86	0.15
75-27-4	Bromodichloromethane	0.33	U	0.86	0.33

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		78-135
2037-26-5	Toluene-d8 (Surr)	103		73-121
460-00-4	Bromofluorobenzene	115		67-126
1868-53-7	Dibromofluoromethane (Surr)	112		61-149

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-16-NW2-WT | Lab Sample ID: 460-104194-12

Matrix: Solid | Lab File ID: D16334.D

Analysis Method: 8260C | Date Collected: 11/06/2015 09:05

Sample wt/vol: 6.108(g) | Date Analyzed: 11/10/2015 08:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.4 | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 879

CAS NO.	COMPOUND NAME	RT	RESULT	Q
565-75-3	Pentane, 2,3,4-trimethyl-	7.33	83	J N
560-21-4	Pentane, 2,3,3-trimethyl-	7.46	120	J N
3073-66-3	Cyclohexane, 1,1,3-trimethyl-	8.84	86	J N
	Unknown	9.72	83	J
	Unknown	10.16	91	J
	Unknown	10.89	83	J
	Unknown	11.30	72	J
	Unknown	12.44	78	J
54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	12.76	90	J N
	Unknown	13.39	93	J

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16334.D
Lims ID: 460-104194-B-12-A Lab Sample ID: 460-104194-12
Client ID: PMP-16-NW2-WT
Sample Type: Client
Inject. Date: 10-Nov-2015 08:13:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104194-B-12-A
Misc. Info.: 460-0034014-021
Operator ID: Instrument ID: CVOAMS4

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Nov-2015 12:53:17 Calib Date: 05-Nov-2015 02:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: martineze Date: 10-Nov-2015 12:29:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
18 Acetone	43	3.192	3.193	-0.001	87	14173	10.8	
* 27 TBA-d9 (IS)	65	3.644	3.644	0.000	89	287719	1000.0	
* 38 2-Butanone-d5	46	4.942	4.948	-0.006	96	265814	250.0	
41 2-Butanone (MEK)	72	5.015	5.015	0.000	99	2035	4.71	
$ 51 Dibromofluoromethane (Surr	113	5.527	5.528	-0.001	97	113641	56.2	
$ 56 1,2-Dichloroethane-d4 (Sur	102	5.954	5.954	0.000	97	24944	56.9	
* 62 Fluorobenzene	96	6.289	6.283	0.006	98	387761	50.0	
65 Methylcyclohexane	83	6.862	6.863	-0.001	89	52614	9.76	
* 68 1,4-Dioxane-d8	96	7.119	7.125	-0.006	43	21755	1000.0	
$ 79 Toluene-d8 (Surr)	98	8.027	8.027	0.000	99	376251	51.4	
80 Toluene	91	8.094	8.094	0.000	37	2528	0.2111	
84 Tetrachloroethene	166	8.569	8.570	-0.001	32	2942	0.9842	
* 90 Chlorobenzene-d5	117	9.325	9.326	-0.001	87	303918	50.0	
92 Ethylbenzene	106	9.417	9.411	0.006	57	1032	0.2520	
94 m-Xylene & p-Xylene	106	9.508	9.508	0.000	43	1814	0.3634	
$ 101 4-Bromofluorobenzene	174	10.258	10.252	0.006	95	114322	57.4	
116 1,3-Dichlorobenzene	146	11.038	11.039	-0.001	48	11087	2.06	
* 117 1,4-Dichlorobenzene-d4	152	11.093	11.094	-0.001	94	143552	50.0	
118 1,4-Dichlorobenzene	146	11.112	11.106	0.006	93	150945	27.8	
S 133 Xylenes, Total	100				0		0.3634	

Reagents:

8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16334.D
Lims ID: 460-104194-B-12-A Lab Sample ID: 460-104194-12
Client ID: PMP-16-NW2-WT
Sample Type: Client
Inject. Date: 10-Nov-2015 08:13:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104194-B-12-A
Misc. Info.: 460-0034014-021
Operator ID: Instrument ID: CVOAMS4

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Nov-2015 12:53:17 Calib Date: 05-Nov-2015 02:31:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 85

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: martineze Date: 10-Nov-2015 12:29:43

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
565-75-3 Pentane, 2,3,4-trimethyl-								
7.326	1602497	96.1	62	90	7464	C8H18	114	
560-21-4 Pentane, 2,3,3-trimethyl-								
7.460	2348300	140.9	62	90	7458	C8H18	114	
3073-66-3 Cyclohexane, 1,1,3-trimethyl-								
8.838	1997833	99.7	90	94	11239	C9H18	126	
Unknown								
9.722	1932345	96.4	90					
Unknown								
10.155	2116163	105.6	90					
Unknown								
10.892	7934878	96.0	117					
Unknown								
11.295	6882940	83.3	117					
Unknown								
12.435	7417995	89.7	117					
54676-39-0 Cyclohexane, 2-butyl-1,1,3-trimethyl-								
12.764	8607934	104.1	117	99	44160	C13H26	182	
Unknown								
13.386	8865481	107.2	117					

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 62 Fluorobenzene	6.289	833413	50.0
* 90 Chlorobenzene-d5	9.325	1002174	50.0
* 117 1,4-Dichlorobenzene-d4	11.069	4133327	50.0

QC Flag Legend

Processing Flags

Reagents:

8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

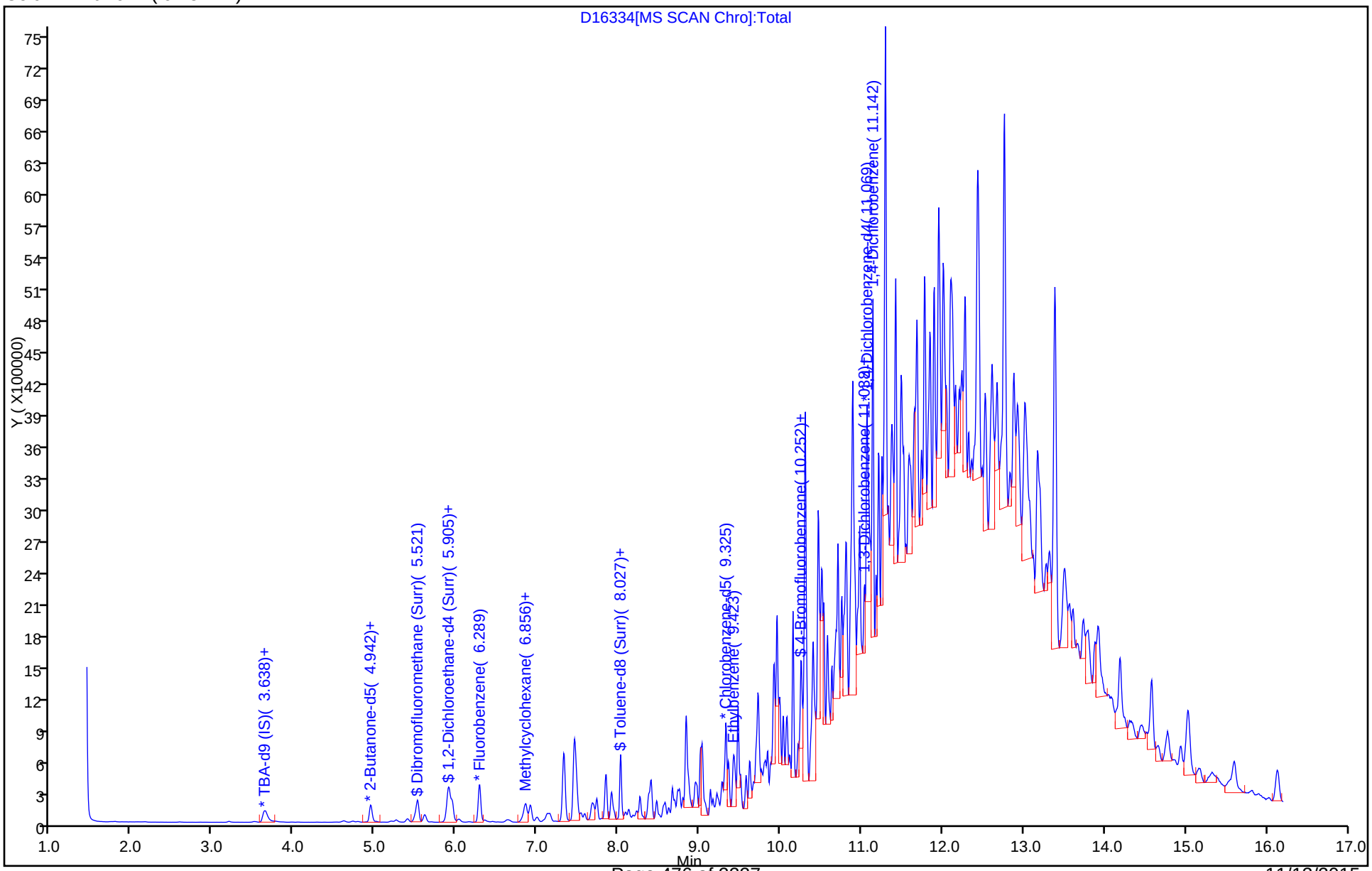
Report Date: 12-Nov-2015 12:53:33 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16334.D

Injection Date:	10-Nov-2015 08:13:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-104194-B-12-A	Lab Sample ID:	460-104194-12	Worklist Smp#:	21
Client ID:	PMP-16-NW2-WT				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

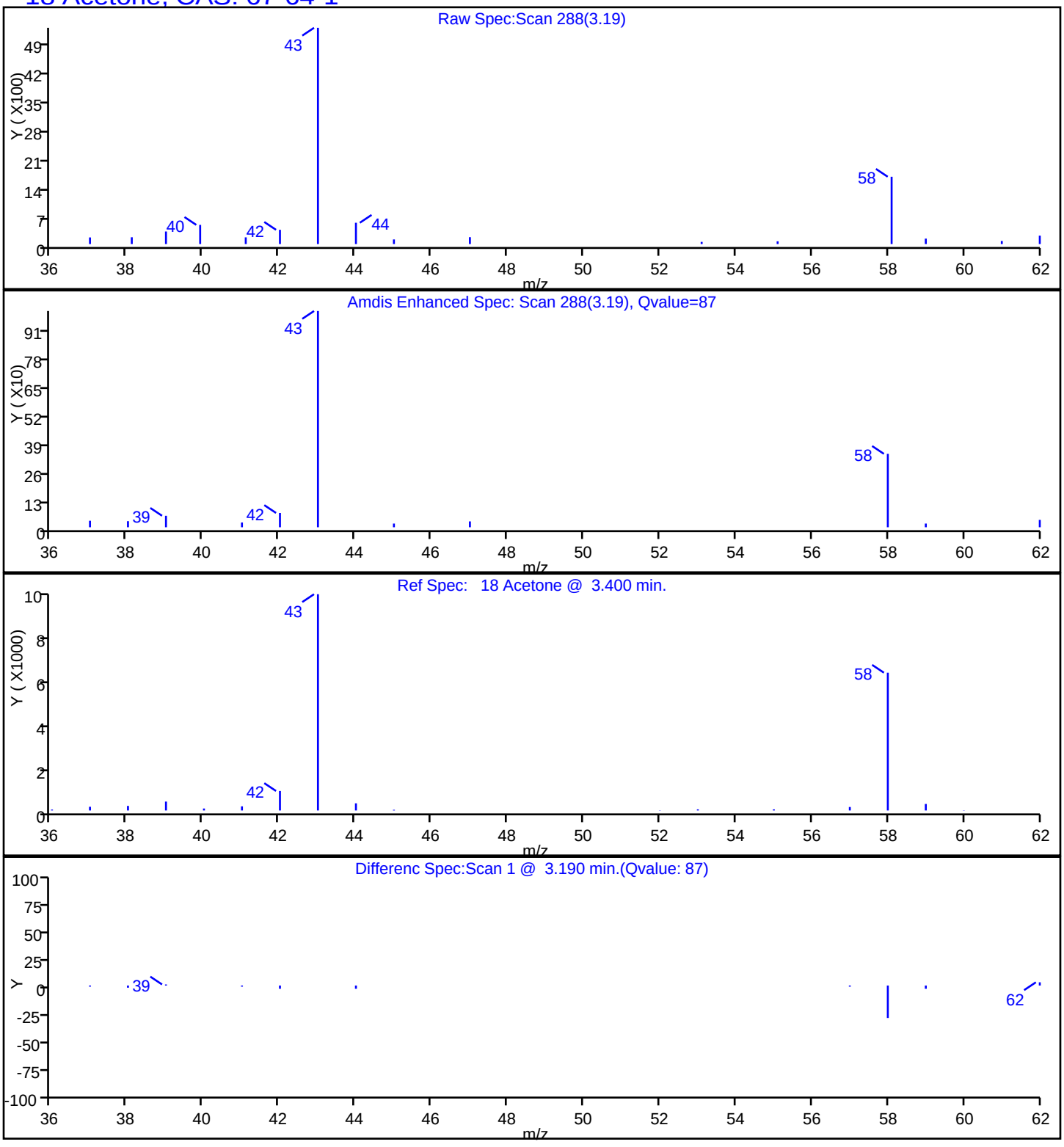
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16334.D				
Injection Date:	10-Nov-2015 08:13:30	Instrument ID:	CVOAMS4		
Lims ID:	460-104194-B-12-A	Lab Sample ID:	460-104194-12		
Client ID:	PMP-16-NW2-WT				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

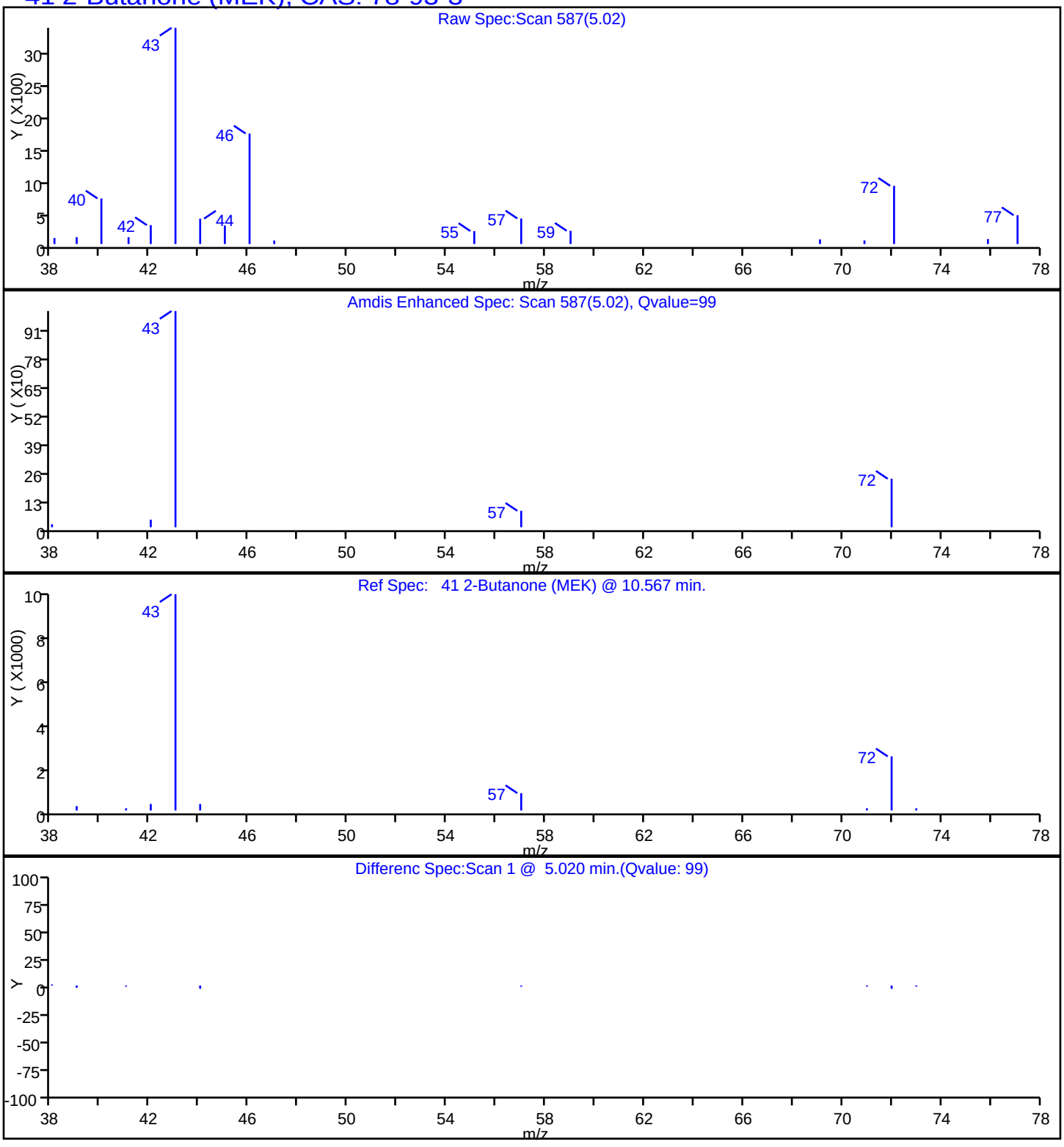
18 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16334.D		
Injection Date:	10-Nov-2015 08:13:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-12-A	Lab Sample ID:	460-104194-12
Client ID:	PMP-16-NW2-WT		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

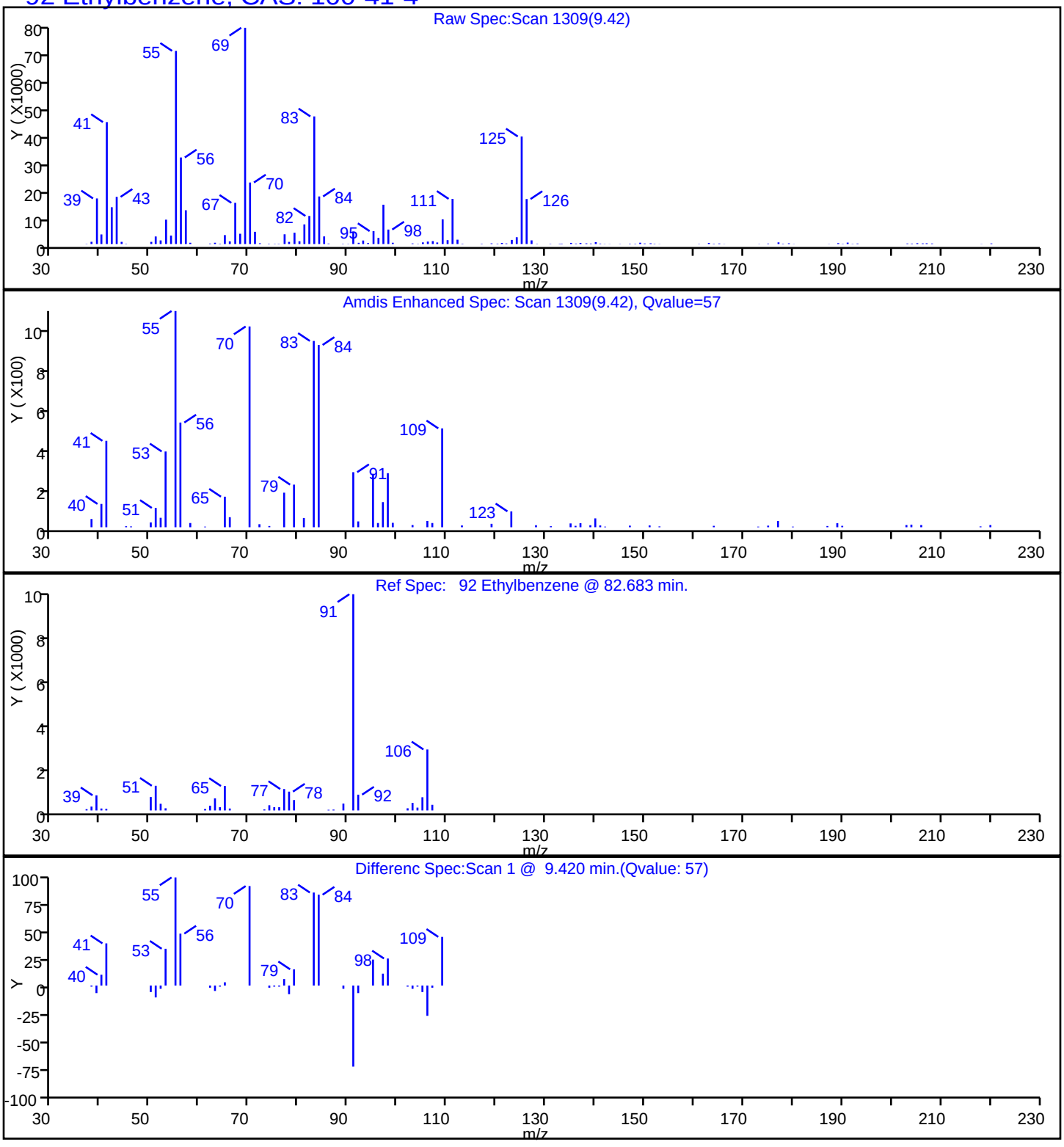
41 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16334.D				
Injection Date:	10-Nov-2015 08:13:30	Instrument ID:	CVOAMS4		
Lims ID:	460-104194-B-12-A	Lab Sample ID:	460-104194-12		
Client ID:	PMP-16-NW2-WT				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

92 Ethylbenzene, CAS: 100-41-4



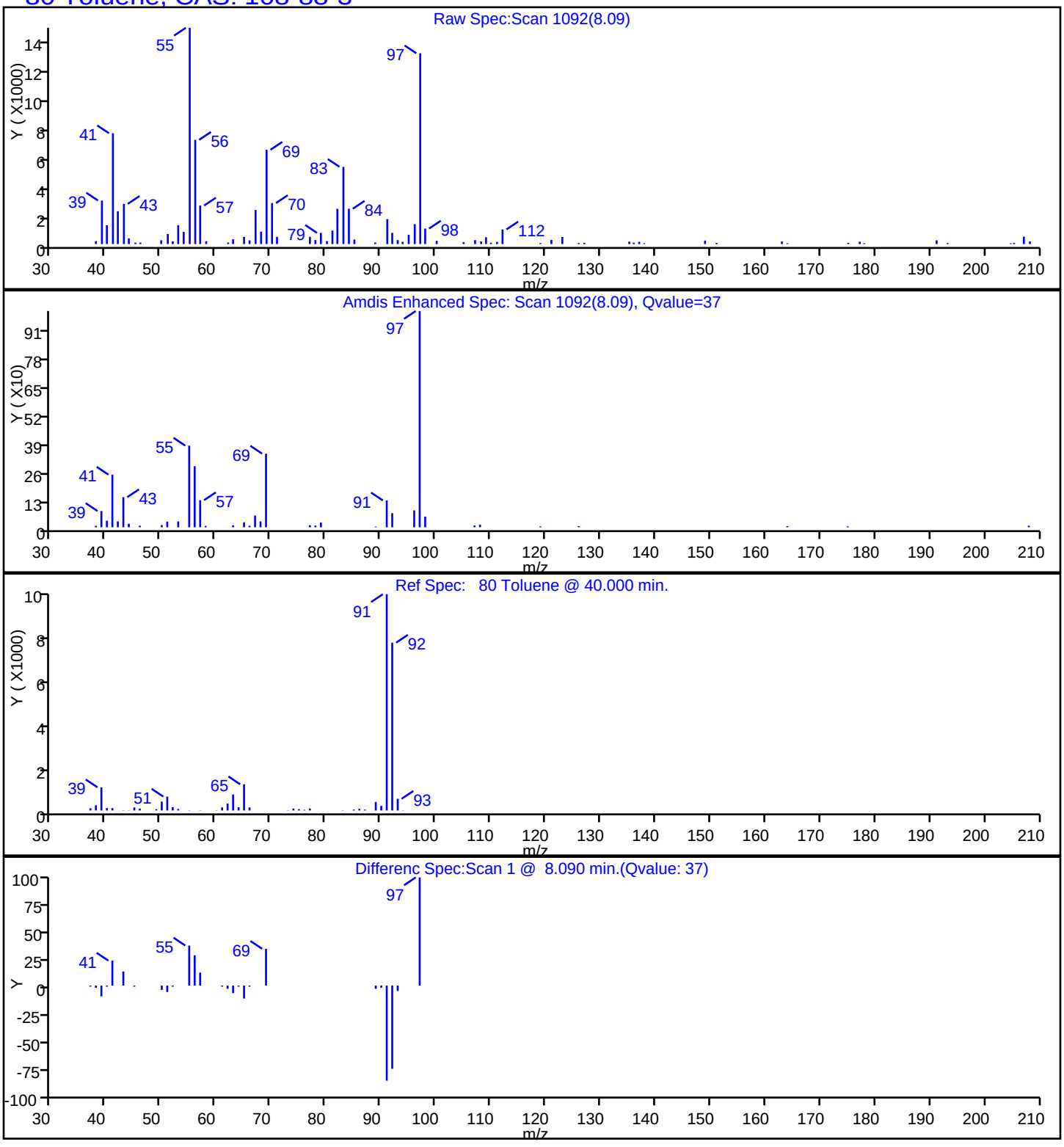
Report Date: 12-Nov-2015 12:53:33 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16334.D

Injection Date:	10-Nov-2015 08:13:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-12-A	Lab Sample ID:	460-104194-12
Client ID:	PMP-16-NW2-WT		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

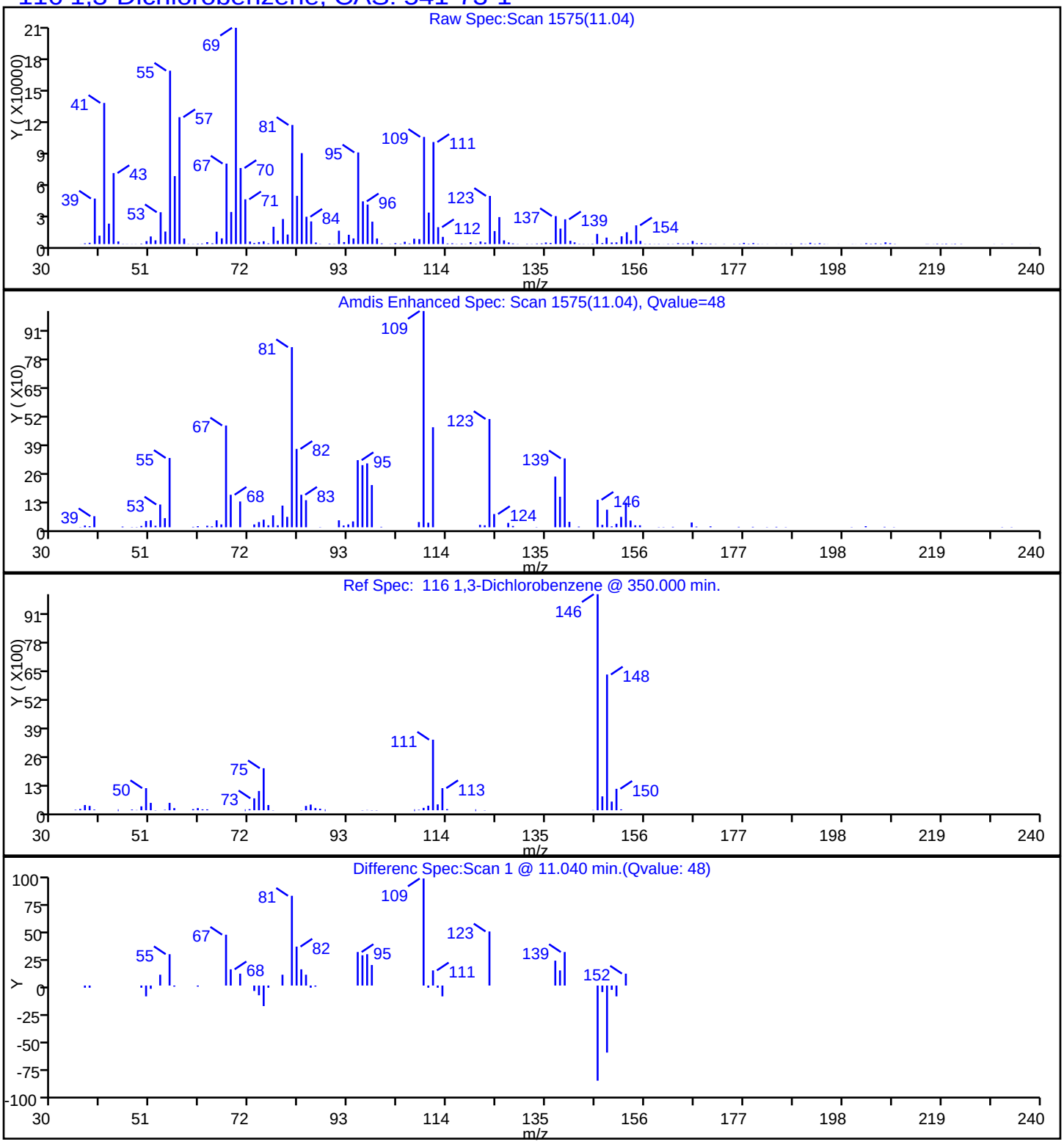
80 Toluene, CAS: 108-88-3



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16334.D		
Injection Date:	10-Nov-2015 08:13:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-12-A	Lab Sample ID:	460-104194-12
Client ID:	PMP-16-NW2-WT		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

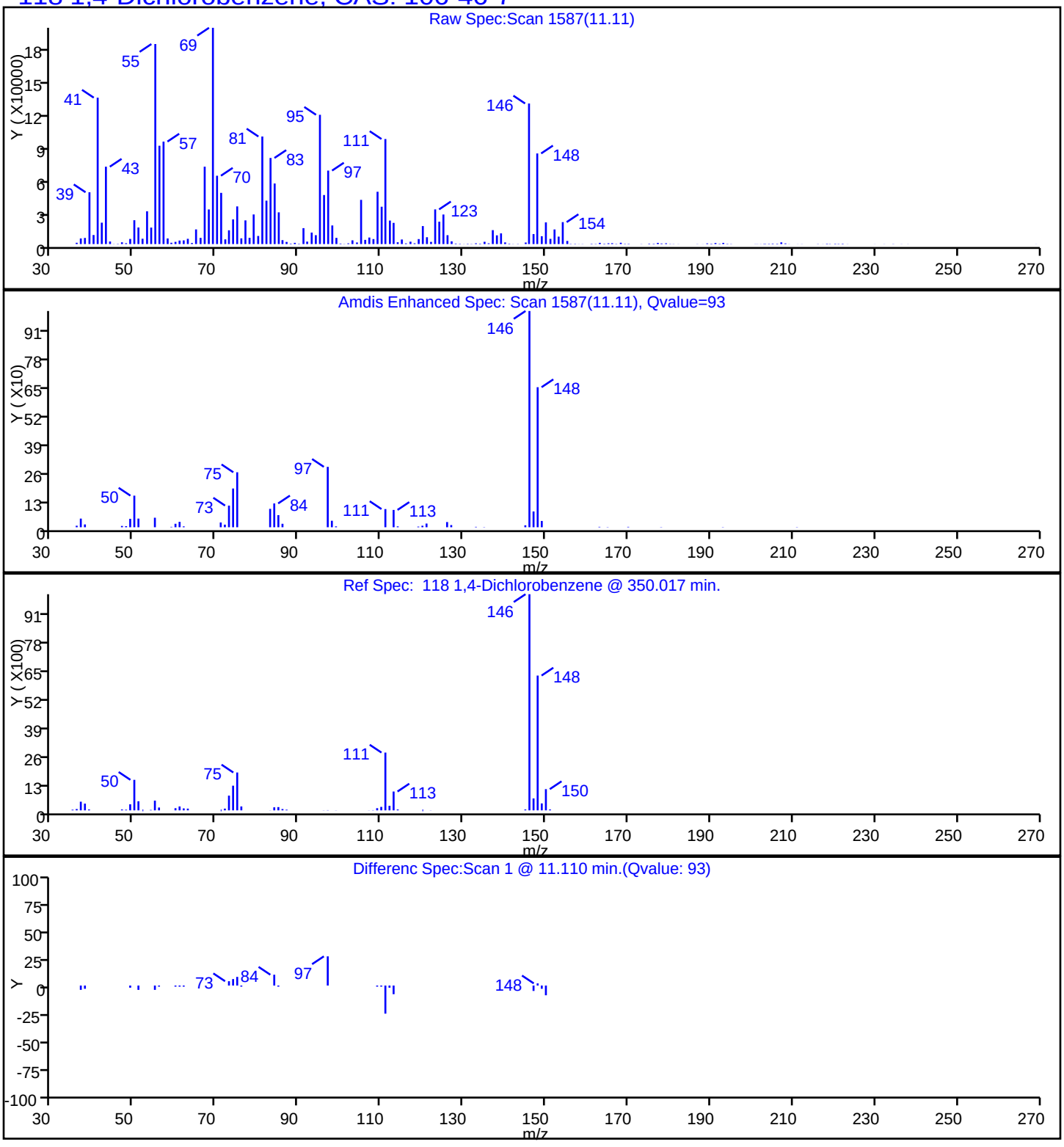
116 1,3-Dichlorobenzene, CAS: 541-73-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16334.D		
Injection Date:	10-Nov-2015 08:13:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-12-A	Lab Sample ID:	460-104194-12
Client ID:	PMP-16-NW2-WT		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

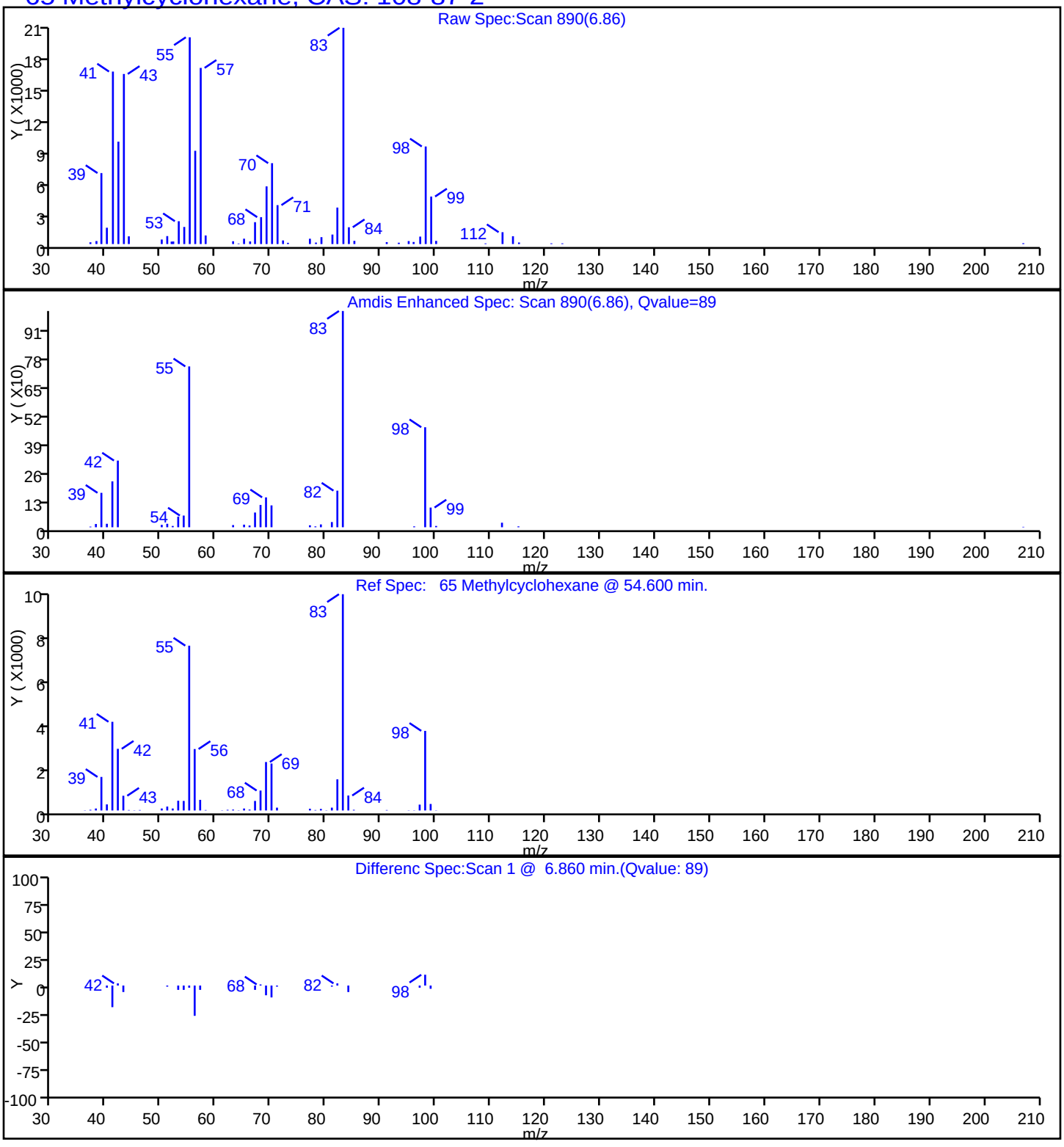
118 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16334.D		
Injection Date:	10-Nov-2015 08:13:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-12-A	Lab Sample ID:	460-104194-12
Client ID:	PMP-16-NW2-WT		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

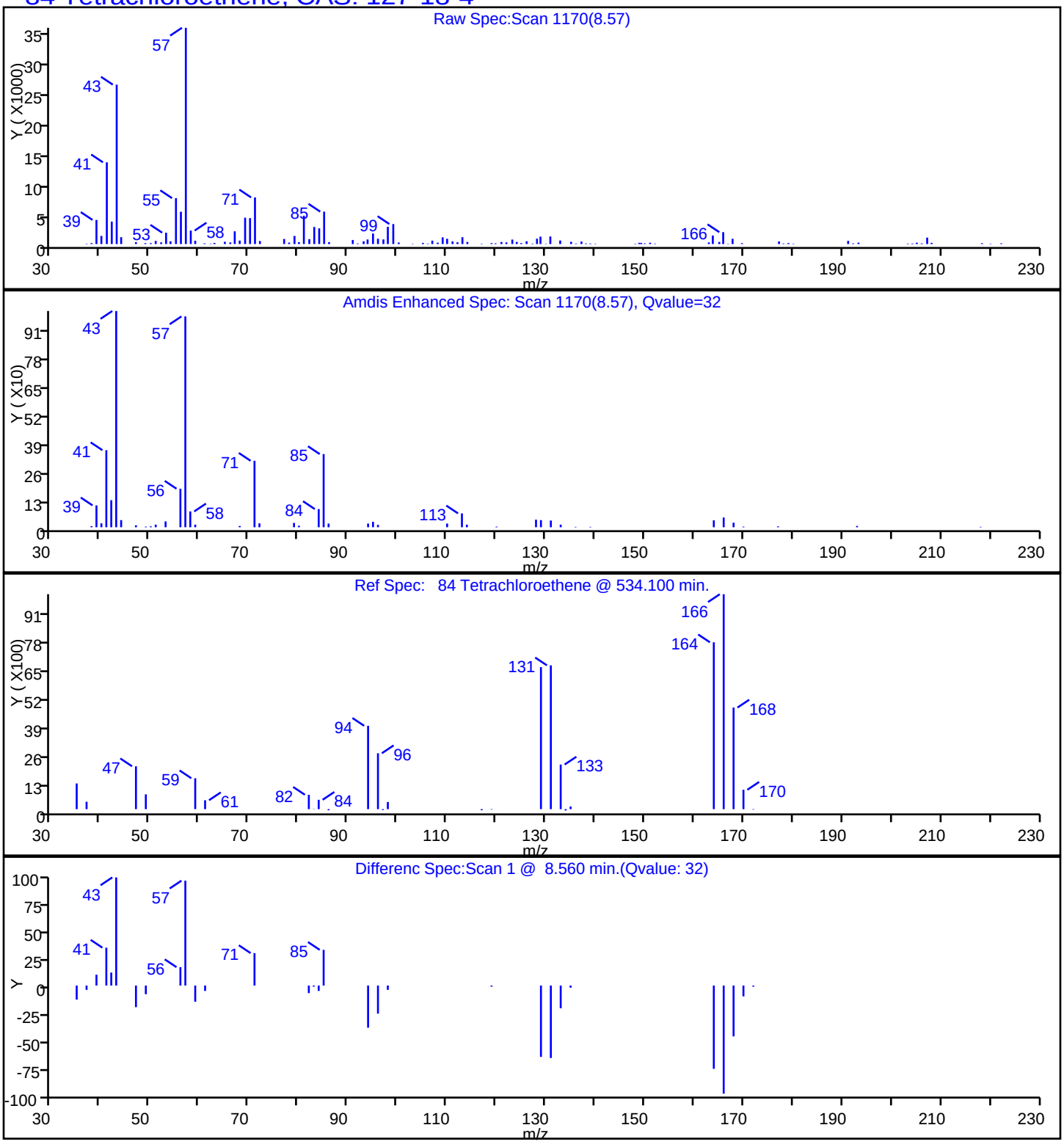
65 Methylcyclohexane, CAS: 108-87-2



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16334.D		
Injection Date:	10-Nov-2015 08:13:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-12-A	Lab Sample ID:	460-104194-12
Client ID:	PMP-16-NW2-WT		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

84 Tetrachloroethene, CAS: 127-18-4



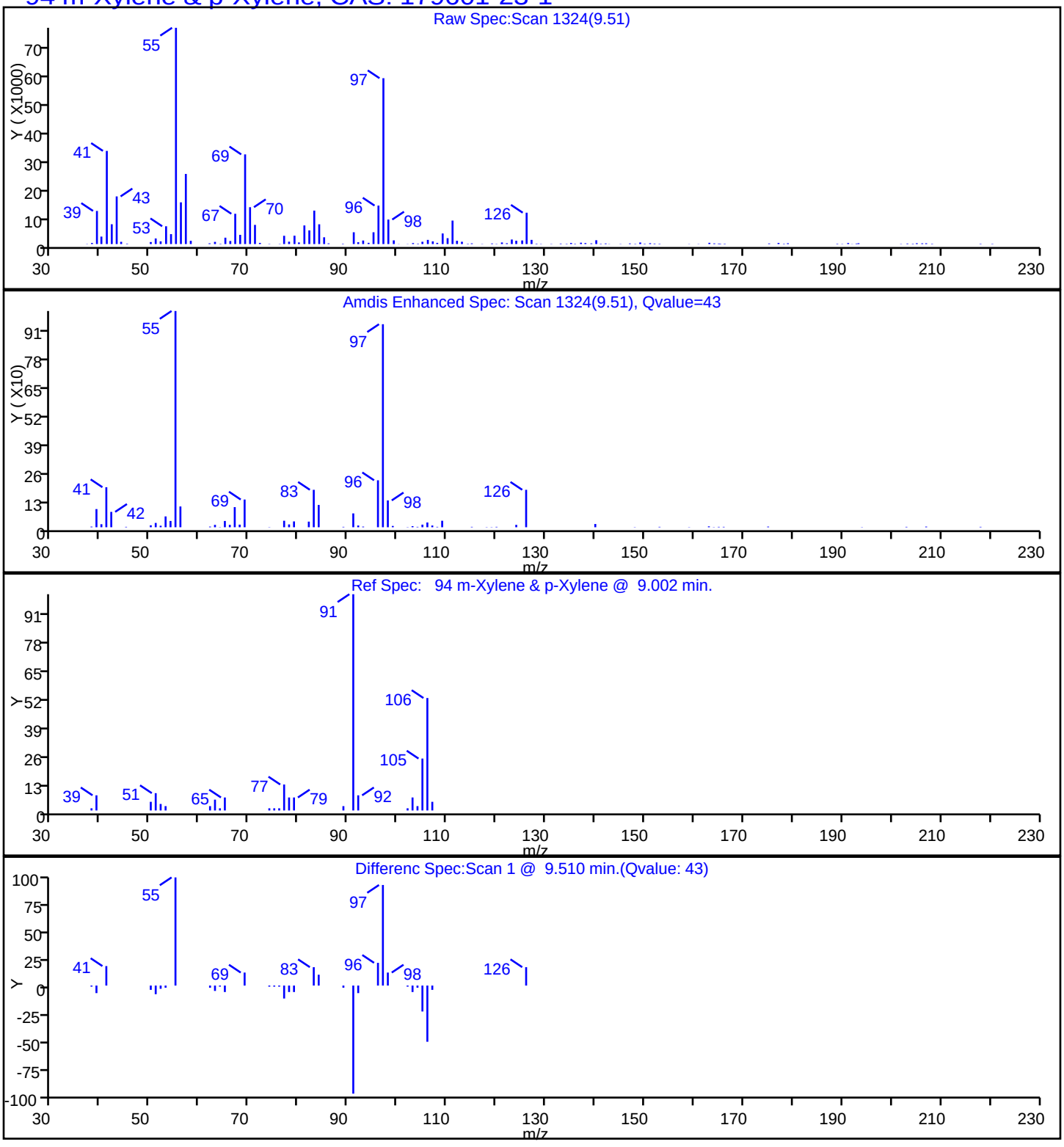
Report Date: 12-Nov-2015 12:53:33 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16334.D

Injection Date:	10-Nov-2015 08:13:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-12-A	Lab Sample ID:	460-104194-12
Client ID:	PMP-16-NW2-WT		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

94 m-Xylene & p-Xylene, CAS: 179601-23-1



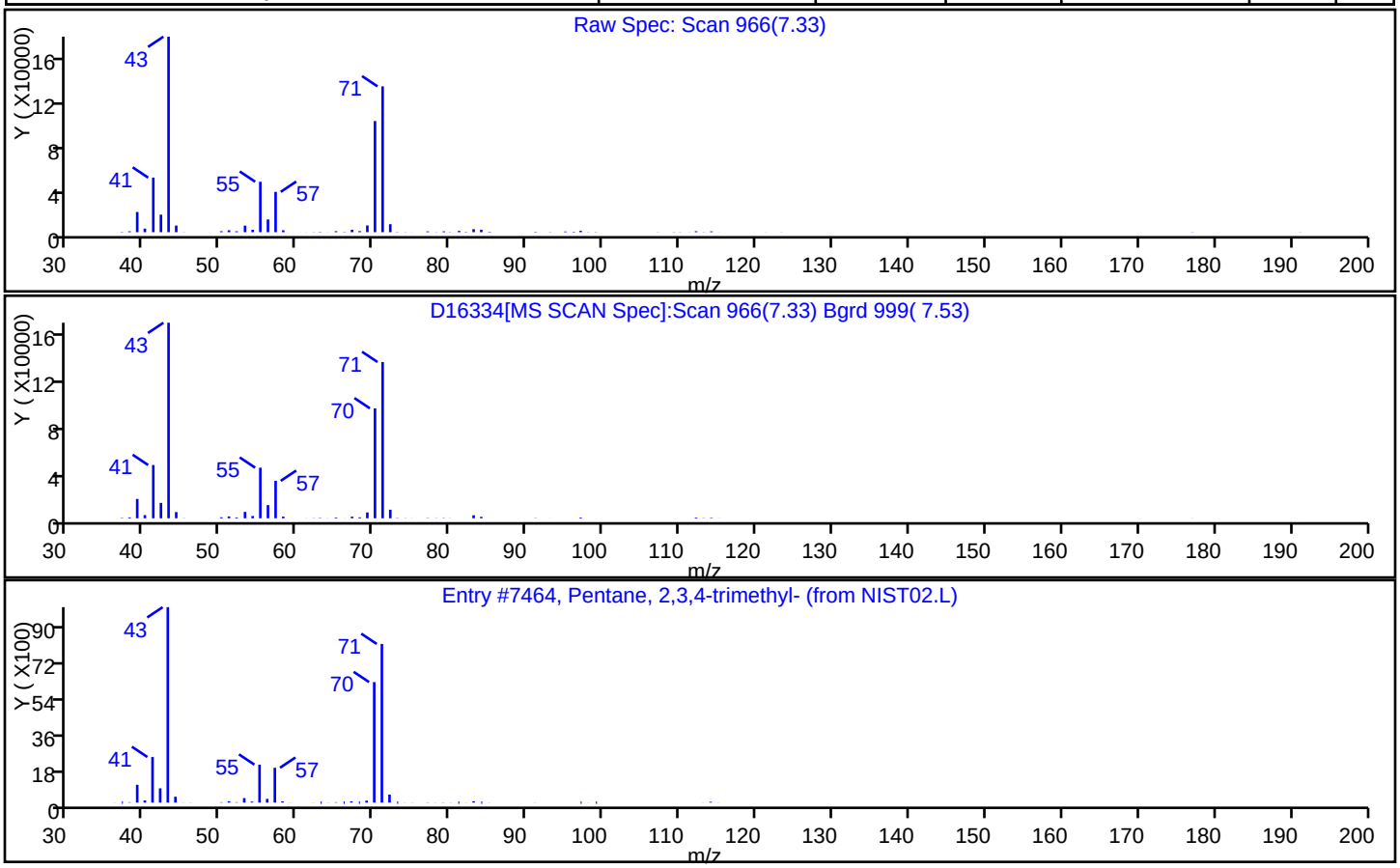
Report Date: 12-Nov-2015 12:53:33 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16334.D

Injection Date:	10-Nov-2015 08:13:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-12-A	Lab Sample ID:	460-104194-12
Client ID:	PMP-16-NW2-WT		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane, 2,3,4-trimethyl-	565-75-3	NIST02.L	7464	C8H18	114	90



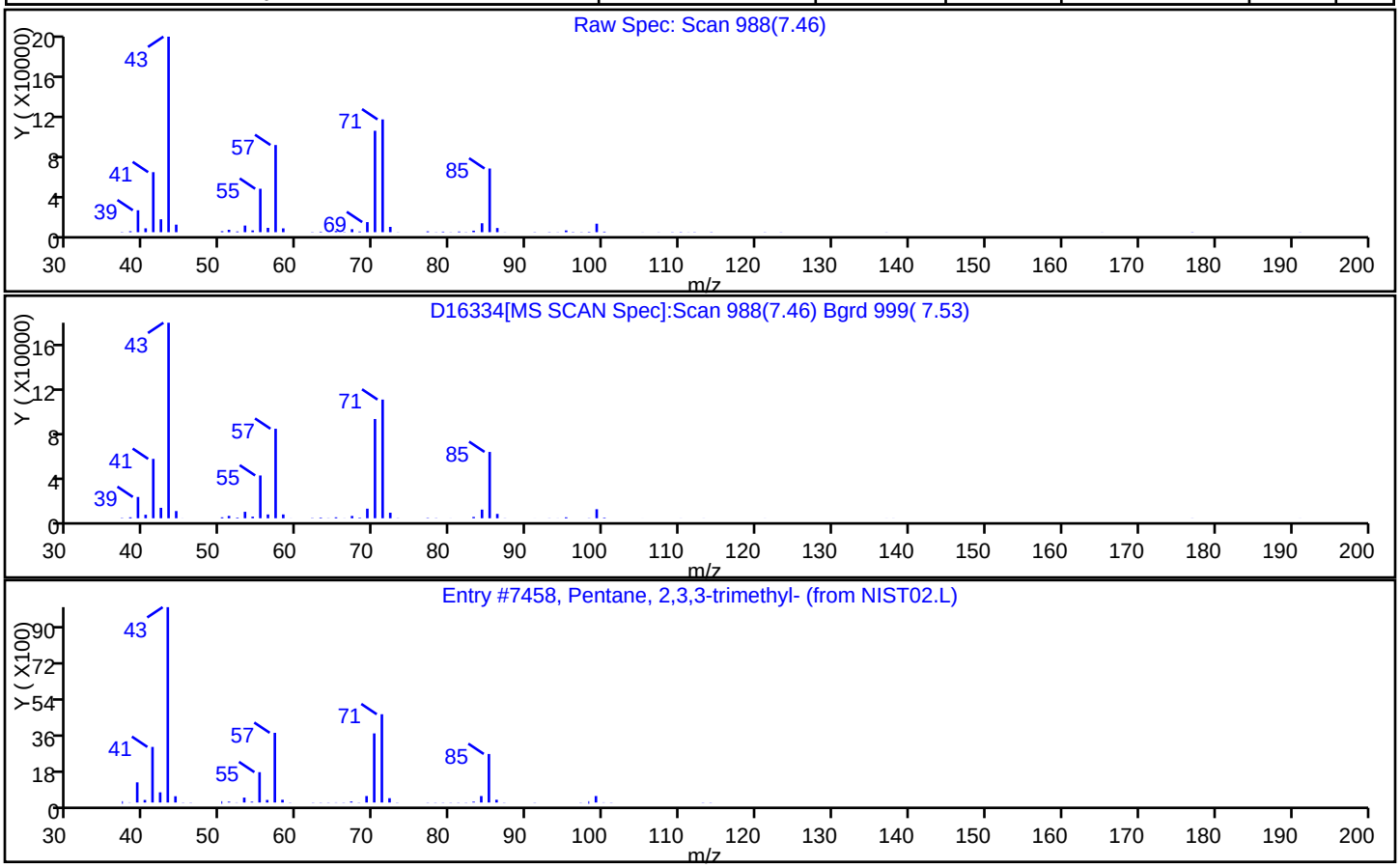
Report Date: 12-Nov-2015 12:53:34 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16334.D

Injection Date:	10-Nov-2015 08:13:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-12-A	Lab Sample ID:	460-104194-12
Client ID:	PMP-16-NW2-WT		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane, 2,3,3-trimethyl-	560-21-4	NIST02.L	7458	C8H18	114	90



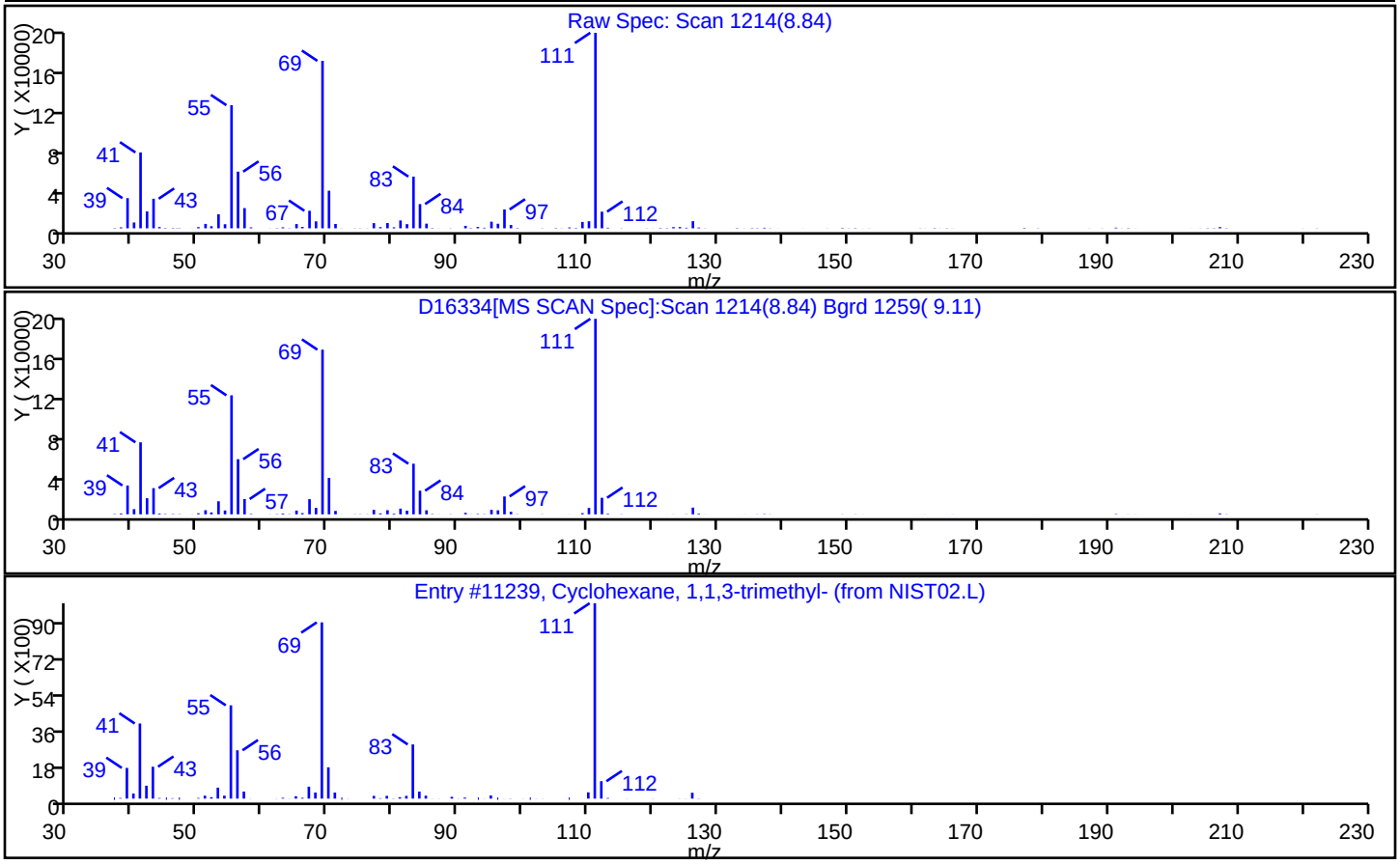
Report Date: 12-Nov-2015 12:53:34 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16334.D

Injection Date:	10-Nov-2015 08:13:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-12-A	Lab Sample ID:	460-104194-12
Client ID:	PMP-16-NW2-WT		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclohexane, 1,1,3-trimethyl-	3073-66-3	NIST02.L	11239	C9H18	126	94



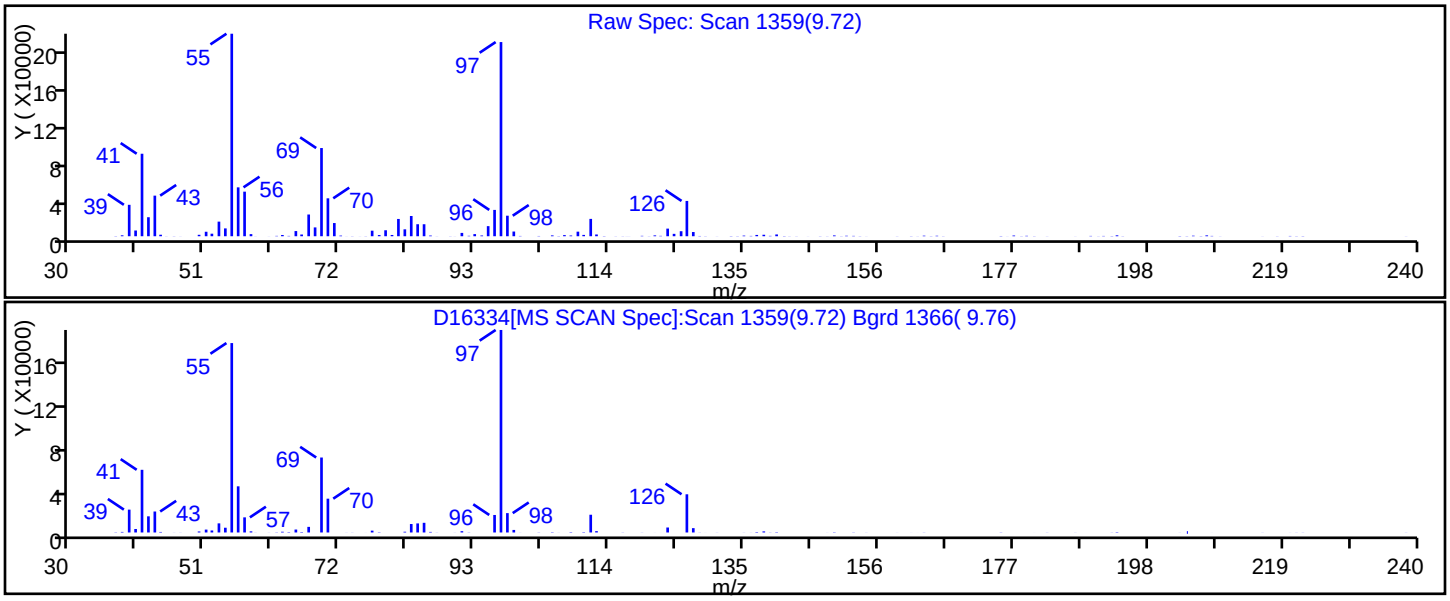
Report Date: 12-Nov-2015 12:53:34 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16334.D

Injection Date:	10-Nov-2015 08:13:30	Instrument ID:	CVOAMS4		
Lims ID:	460-104194-B-12-A	Lab Sample ID:	460-104194-12		
Client ID:	PMP-16-NW2-WT				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



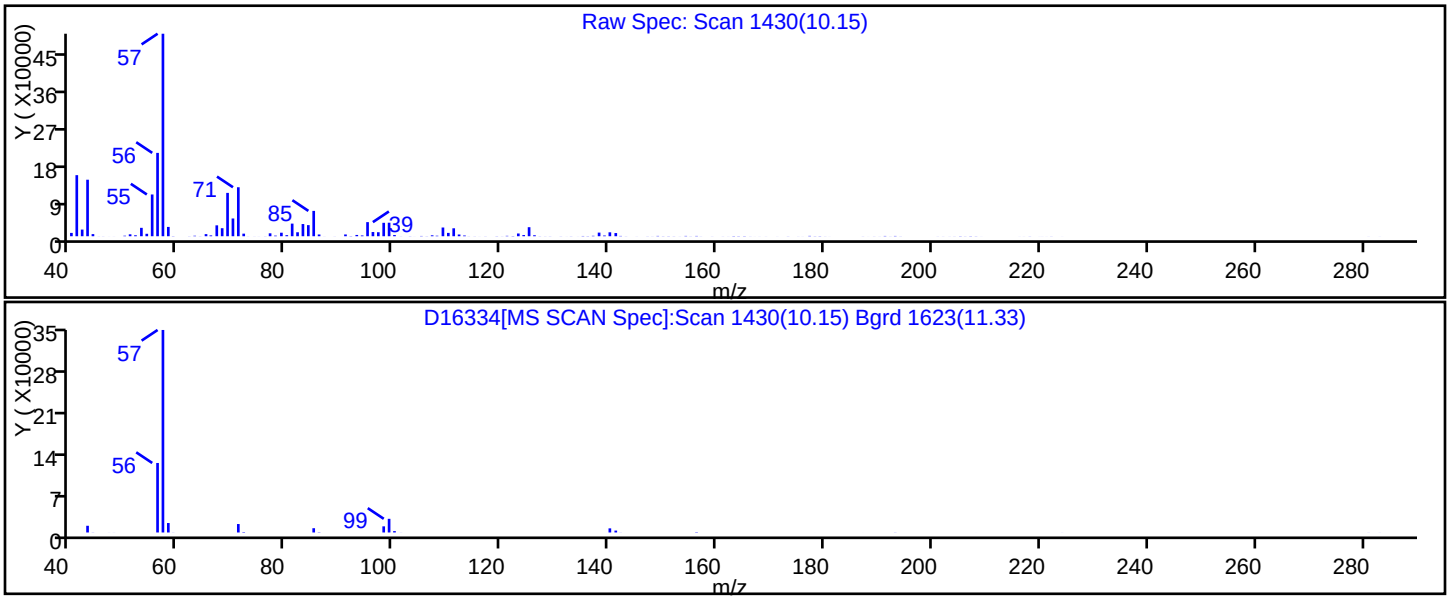
Report Date: 12-Nov-2015 12:53:34 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16334.D

Injection Date:	10-Nov-2015 08:13:30	Instrument ID:	CVOAMS4		
Lims ID:	460-104194-B-12-A	Lab Sample ID:	460-104194-12		
Client ID:	PMP-16-NW2-WT				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



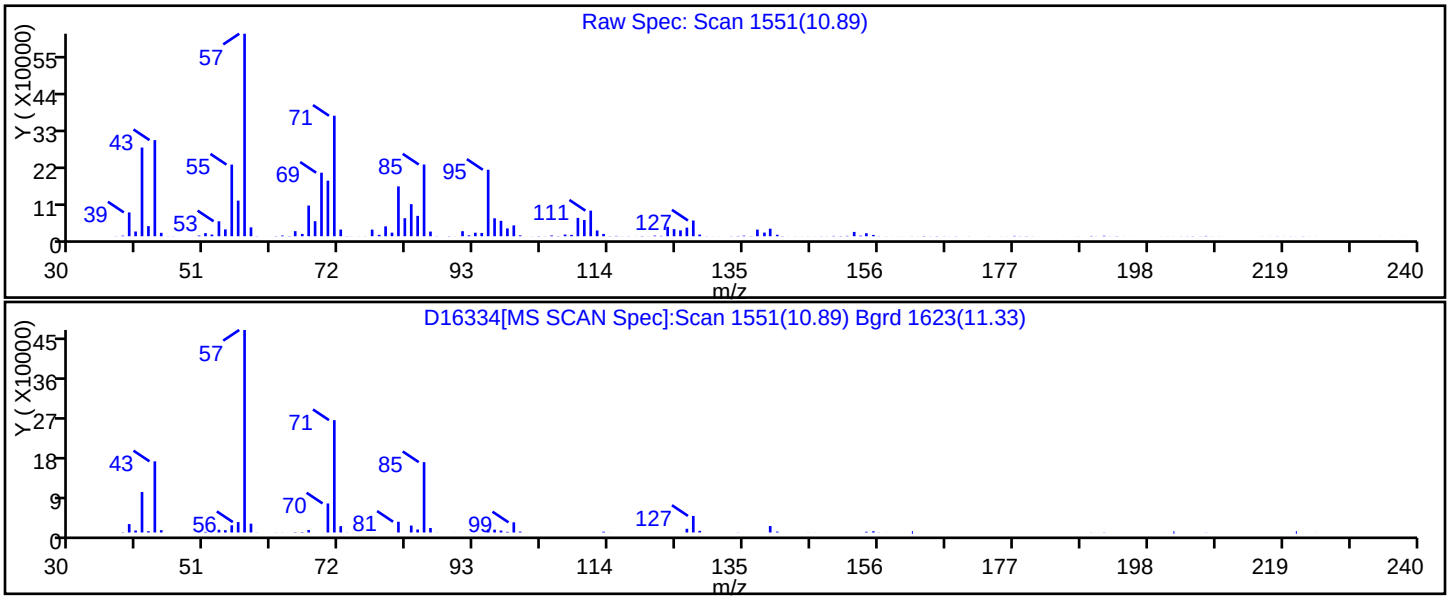
Report Date: 12-Nov-2015 12:53:34 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16334.D

Injection Date:	10-Nov-2015 08:13:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-12-A	Lab Sample ID:	460-104194-12
Client ID:	PMP-16-NW2-WT		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



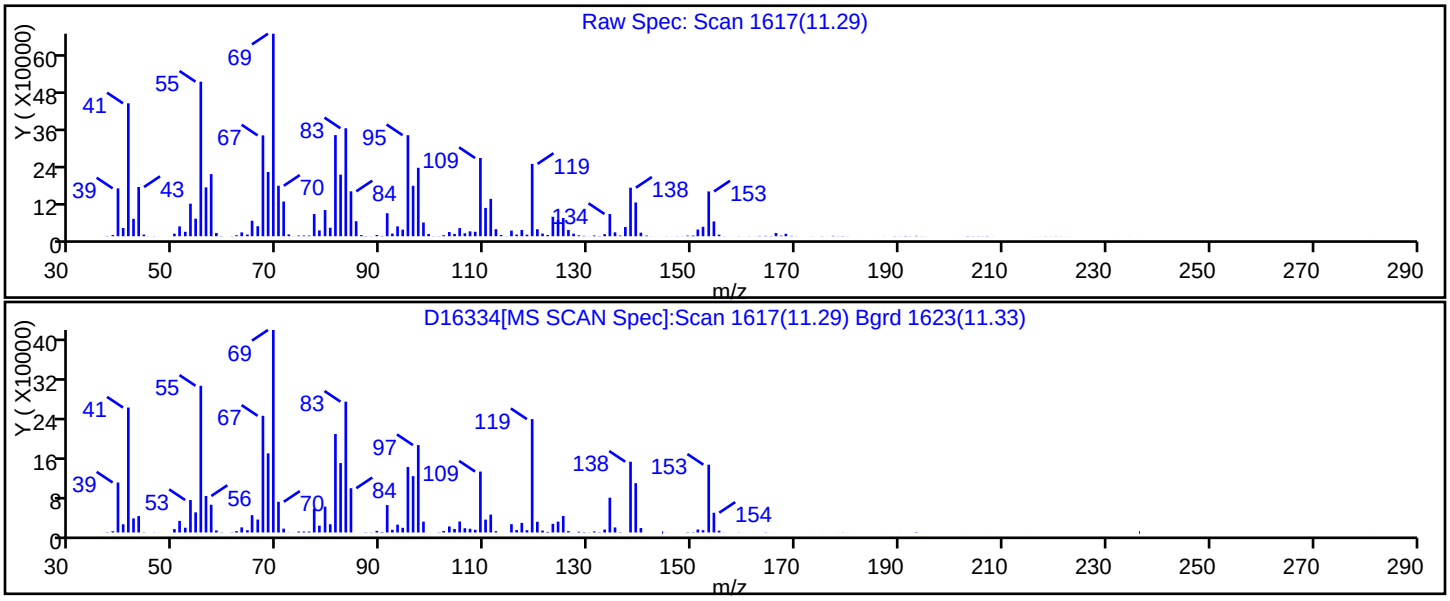
Report Date: 12-Nov-2015 12:53:34 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16334.D

Injection Date:	10-Nov-2015 08:13:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-12-A	Lab Sample ID:	460-104194-12
Client ID:	PMP-16-NW2-WT		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



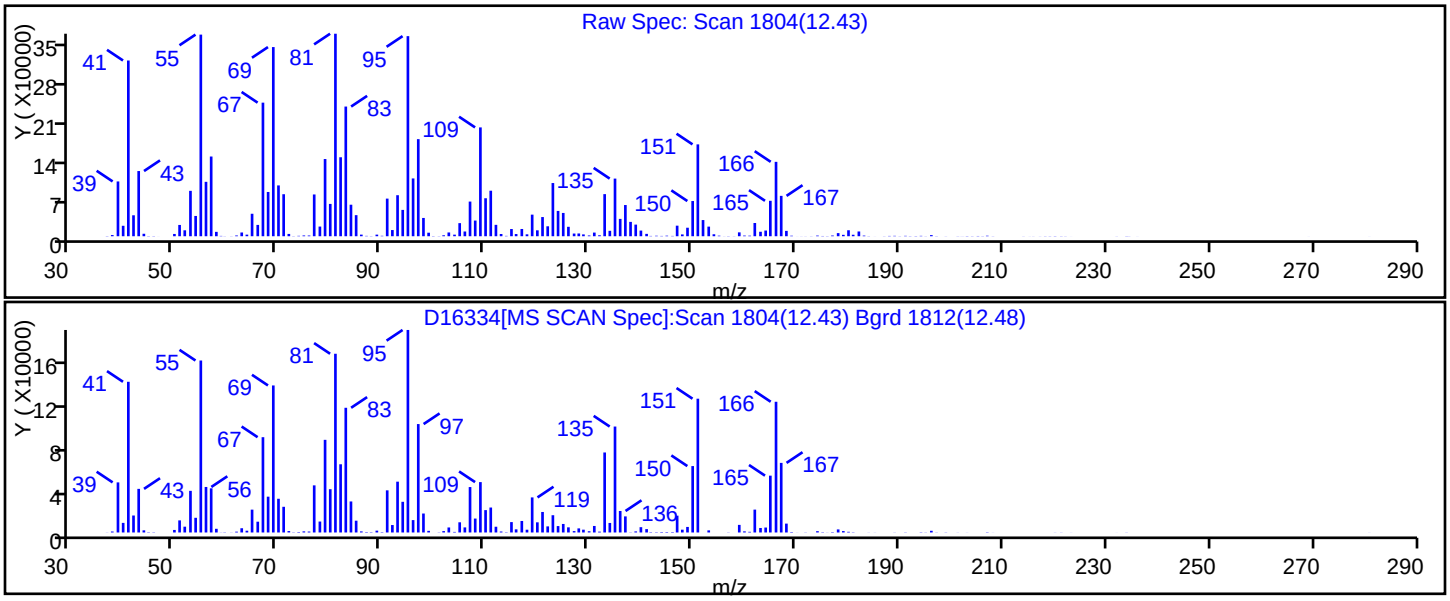
Report Date: 12-Nov-2015 12:53:34 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16334.D

Injection Date:	10-Nov-2015 08:13:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-12-A	Lab Sample ID:	460-104194-12
Client ID:	PMP-16-NW2-WT		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



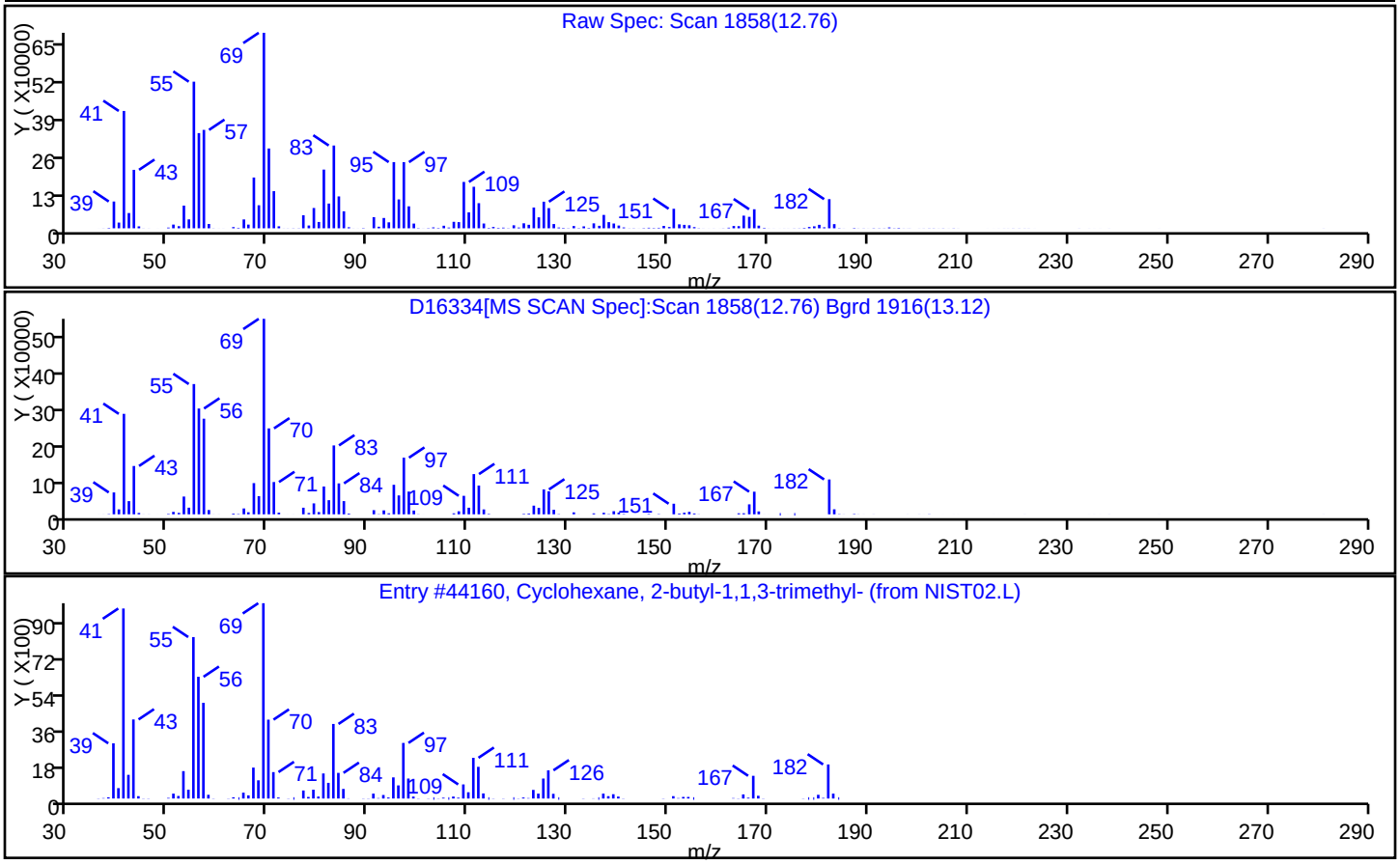
Report Date: 12-Nov-2015 12:53:34 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16334.D

Injection Date:	10-Nov-2015 08:13:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-12-A	Lab Sample ID:	460-104194-12
Client ID:	PMP-16-NW2-WT		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclohexane, 2-butyl-1,1,3-trimethyl-	54676-39-0	NIST02.L	44160	C13H26	182	99



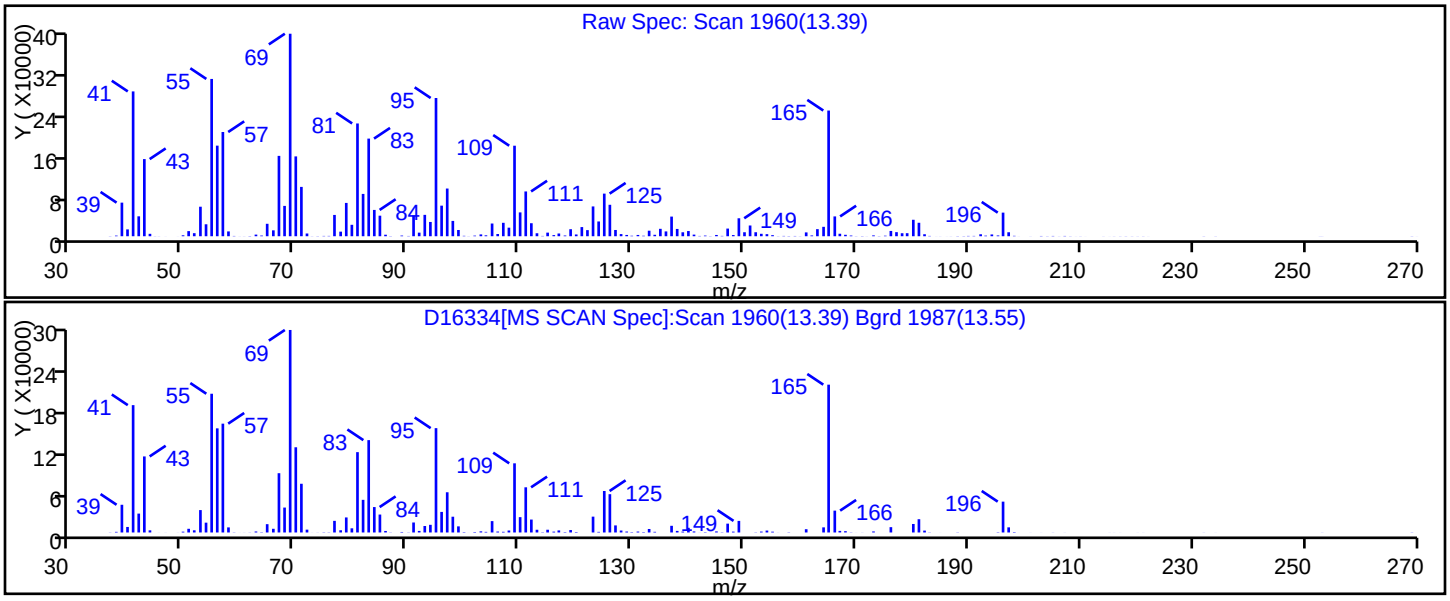
Report Date: 12-Nov-2015 12:53:34 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16334.D

Injection Date:	10-Nov-2015 08:13:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-B-12-A	Lab Sample ID:	460-104194-12
Client ID:	PMP-16-NW2-WT		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-19-NW2-WT | Lab Sample ID: 460-104194-15

Matrix: Solid | Lab File ID: B89775.D

Analysis Method: 8260C | Date Collected: 11/06/2015 11:15

Sample wt/vol: 5.8(g) | Date Analyzed: 11/10/2015 06:06

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.3 | Level: (low/med) Medium

Analysis Batch No.: 334211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	20	U	90	20
74-83-9	Bromomethane	16	U	90	16
75-01-4	Vinyl chloride	18	U	90	18
75-00-3	Chloroethane	33	U	90	33
75-09-2	Methylene Chloride	19	U	90	19
67-64-1	Acetone	96	U	450	96
75-15-0	Carbon disulfide	20	U	90	20
75-69-4	Trichlorofluoromethane	14	U	90	14
75-35-4	1,1-Dichloroethene	31	U	90	31
75-34-3	1,1-Dichloroethane	22	U *	90	22
156-60-5	trans-1,2-Dichloroethene	16	U	90	16
156-59-2	cis-1,2-Dichloroethene	23	U	90	23
67-66-3	Chloroform	20	U	90	20
78-93-3	2-Butanone	200	U	450	200
107-06-2	1,2-Dichloroethane	23	U	90	23
71-55-6	1,1,1-Trichloroethane	25	U	90	25
56-23-5	Carbon tetrachloride	30	U	90	30
71-43-2	Benzene	17	U	90	17
75-25-2	Bromoform	16	U	90	16
100-42-5	Styrene	15	U	90	15
100-41-4	Ethylbenzene	27	U	90	27
108-90-7	Chlorobenzene	22	U	90	22
110-82-7	Cyclohexane	23	U	90	23
98-82-8	Isopropylbenzene	29	U	90	29
591-78-6	2-Hexanone	65	U	450	65
1634-04-4	MTBE	12	U	90	12
76-13-1	Freon TF	31	U	90	31
79-20-9	Methyl acetate	52	U *	450	52
123-91-1	1,4-Dioxane	780	U *	2300	780
79-01-6	Trichloroethene	20	U	90	20
108-88-3	Toluene	23	U	90	23
10061-02-6	trans-1,3-Dichloropropene	17	U	90	17
108-10-1	4-Methyl-2-pentanone	57	U	450	57
10061-01-5	cis-1,3-Dichloropropene	14	U	90	14
95-50-1	1,2-Dichlorobenzene	20	U	90	20
541-73-1	1,3-Dichlorobenzene	30	U	90	30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-19-NW2-WT | Lab Sample ID: 460-104194-15

Matrix: Solid | Lab File ID: B89775.D

Analysis Method: 8260C | Date Collected: 11/06/2015 11:15

Sample wt/vol: 5.8(g) | Date Analyzed: 11/10/2015 06:06

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.3 | Level: (low/med) Medium

Analysis Batch No.: 334211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	200		90	30
120-82-1	1,2,4-Trichlorobenzene	380		90	24
87-61-6	1,2,3-Trichlorobenzene	32	U	90	32
78-87-5	1,2-Dichloropropane	16	U	90	16
108-87-2	Methylcyclohexane	20	U	90	20
127-18-4	Tetrachloroethene	32	U	90	32
1330-20-7	Xylenes, Total	160	J	180	25
96-12-8	1,2-Dibromo-3-Chloropropane	21	U	90	21
79-34-5	1,1,2,2-Tetrachloroethane	17	U	90	17
79-00-5	1,1,2-Trichloroethane	7.2	U *	90	7.2
124-48-1	Dibromochloromethane	20	U	90	20
106-93-4	1,2-Dibromoethane	17	U	90	17
75-71-8	Dichlorodifluoromethane	13	U	90	13
74-97-5	Bromochloromethane	27	U	90	27
75-27-4	Bromodichloromethane	14	U	90	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	124		69-145
2037-26-5	Toluene-d8 (Surr)	121		72-136
460-00-4	Bromofluorobenzene	113		64-131
1868-53-7	Dibromofluoromethane (Surr)	125		74-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-19-NW2-WT | Lab Sample ID: 460-104194-15

Matrix: Solid | Lab File ID: B89775.D

Analysis Method: 8260C | Date Collected: 11/06/2015 11:15

Sample wt/vol: 5.8(g) | Date Analyzed: 11/10/2015 06:06

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.3 | Level: (low/med) Medium

Analysis Batch No.: 334211 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 140000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
493-02-7	Naphthalene, decahydro-, trans-	10.79	15000	J N
	Unknown	11.46	13000	J
99-87-6	Benzene, 1-methyl-4-(1-methylethyl)-	11.79	15000	J N
	Unknown	11.90	19000	J
	Unknown	12.08	13000	J
	Unknown	12.24	14000	J
	Unknown	12.44	11000	J
	Unknown	12.76	11000	J
5557-93-7	Benzene, 1-(1-methylethenyl)-2-(1-methyl	12.92	15000	J N
	Unknown	13.08	14000	J

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89775.D
Lims ID: 460-104194-A-15-A Lab Sample ID: 460-104194-15
Client ID: PMP-19-NW2-WT
Sample Type: Client
Inject. Date: 10-Nov-2015 06:06:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-104194-A-15-A
Misc. Info.: 460-0034015-021
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Nov-2015 15:12:46 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: martineze Date: 10-Nov-2015 13:43:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.607	2.607	0.000	86	163739	1000.0	
* 158 2-Butanone-d5	46	3.686	3.677	0.009	98	186621	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.212	4.204	0.008	91	158991	62.3	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.583	4.574	0.009	95	161889	62.1	
* 62 Fluorobenzene	96	4.887	4.879	0.008	99	502571	50.0	
* 69 1,4-Dioxane-d8	96	5.759	5.718	0.041	58	17083	1000.0	
$ 80 Toluene-d8 (Surr)	98	6.870	6.862	0.008	99	522547	60.3	
* 91 Chlorobenzene-d5	117	8.500	8.492	0.008	83	441259	50.0	
96 o-Xylene	106	9.109	9.101	0.008	96	9228	1.72	
$ 102 4-Bromofluorobenzene	174	9.611	9.603	0.008	96	212152	56.3	
* 119 1,4-Dichlorobenzene-d4	152	10.574	10.574	0.000	91	280766	50.0	
120 1,4-Dichlorobenzene	146	10.598	10.590	0.008	66	15229	2.19	
130 1,2,4-Trichlorobenzene	180	12.121	12.113	0.008	28	18066	4.27	
S 135 Xylenes, Total	100				0		1.72	

Reagents:

8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89775.D				
Lims ID:	460-104194-A-15-A	Lab Sample ID:	460-104194-15		
Client ID:	PMP-19-NW2-WT				
Sample Type:	Client				
Inject. Date:	10-Nov-2015 06:06:30	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Sample Info:	460-104194-A-15-A				
Misc. Info.:	460-0034015-021				
Operator ID:		Instrument ID:	CVOAMS2		
Method:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\8260W_2.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	10-Nov-2015 15:12:46	Calib Date:	31-Oct-2015 15:49:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\ChromNA\Edison\Database\NIST02.L				
Min. Match:	85				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK009				
First Level Reviewer: martineze		Date:	10-Nov-2015 13:43:02		

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
493-02-7	Naphthalene, decahydro-, trans-							
10.788	4069056	165.8	119	94	16319	C10H18	138	
Unknown								
11.463	3592706	146.4	119					
99-87-6	Benzene, 1-methyl-4-(1-methylethyl)-							
11.792	4157660	169.4	119	94	14396	C10H14	134	
Unknown								
11.899	5210155	212.3	119					
Unknown								
12.080	3434649	139.9	119					
Unknown								
12.236	3683831	150.1	119					
Unknown								
12.442	2977057	121.3	119					
Unknown								
12.763	3082096	125.6	119					
5557-93-7	Benzene, 1-(1-methylethenyl)-2-(1-methyl							
12.919	4151134	169.1	119	94	29468	C12H16	160	
Unknown								
13.076	3818326	155.6	119					

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 119 1,4-Dichlorobenzene-d4	10.574	1227343	50.0

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

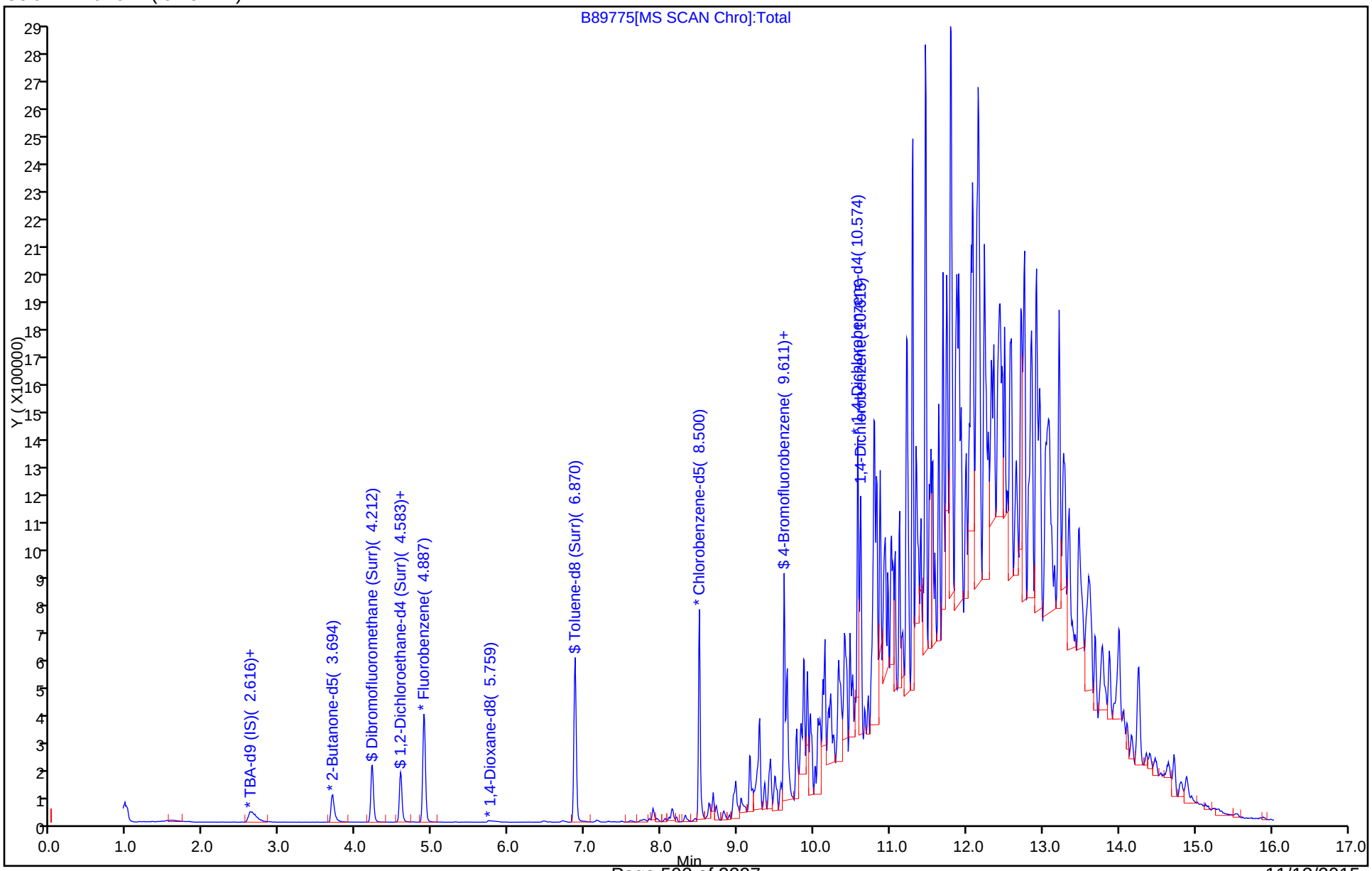
Report Date: 10-Nov-2015 15:12:47 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89775.D

Injection Date:	10-Nov-2015 06:06:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-104194-A-15-A	Lab Sample ID:	460-104194-15	Worklist Smp#:	21
Client ID:	PMP-19-NW2-WT				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	20
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

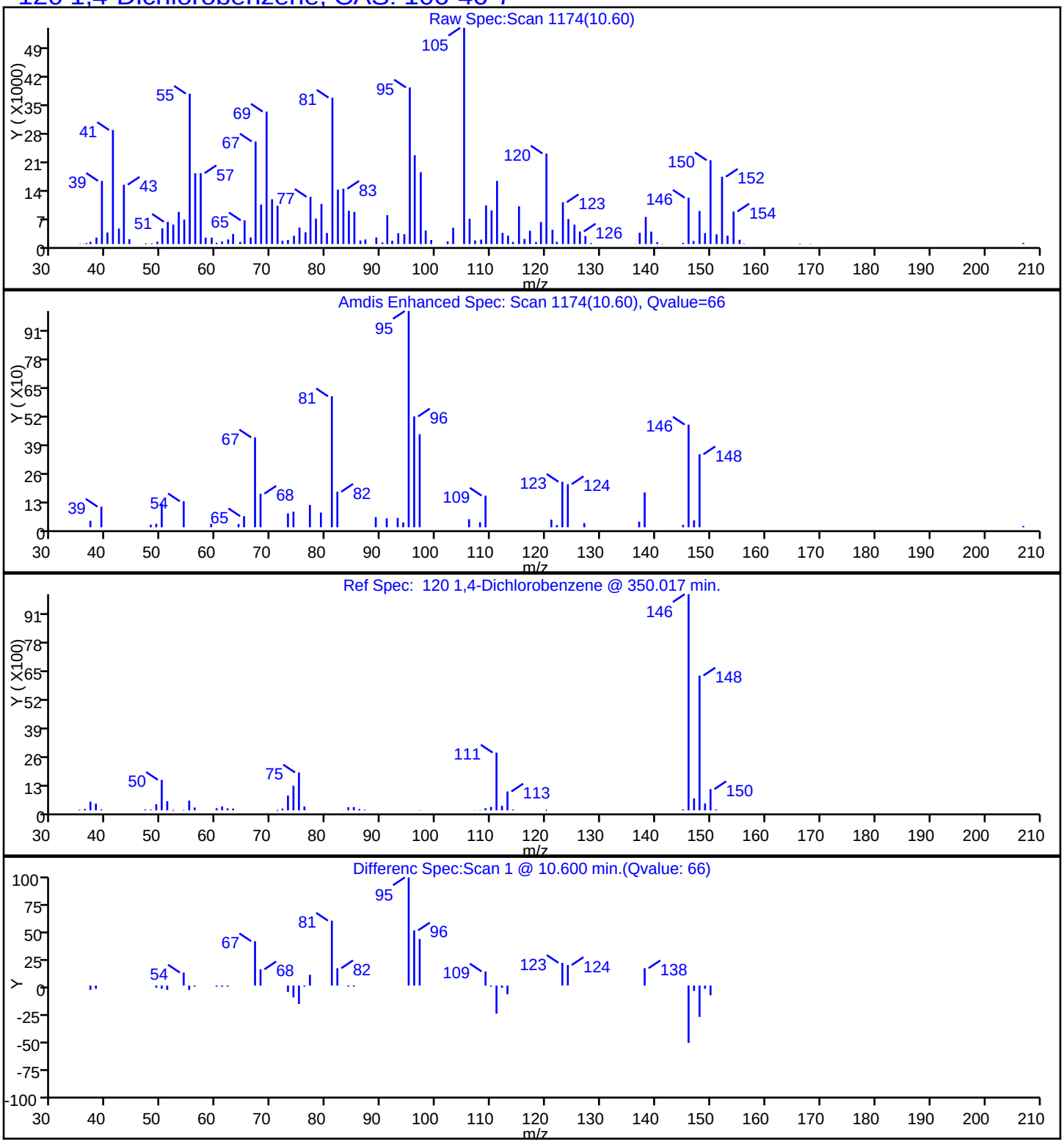
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89775.D		
Injection Date:	10-Nov-2015 06:06:30	Instrument ID:	CVOAMS2
Lims ID:	460-104194-A-15-A	Lab Sample ID:	460-104194-15
Client ID:	PMP-19-NW2-WT		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

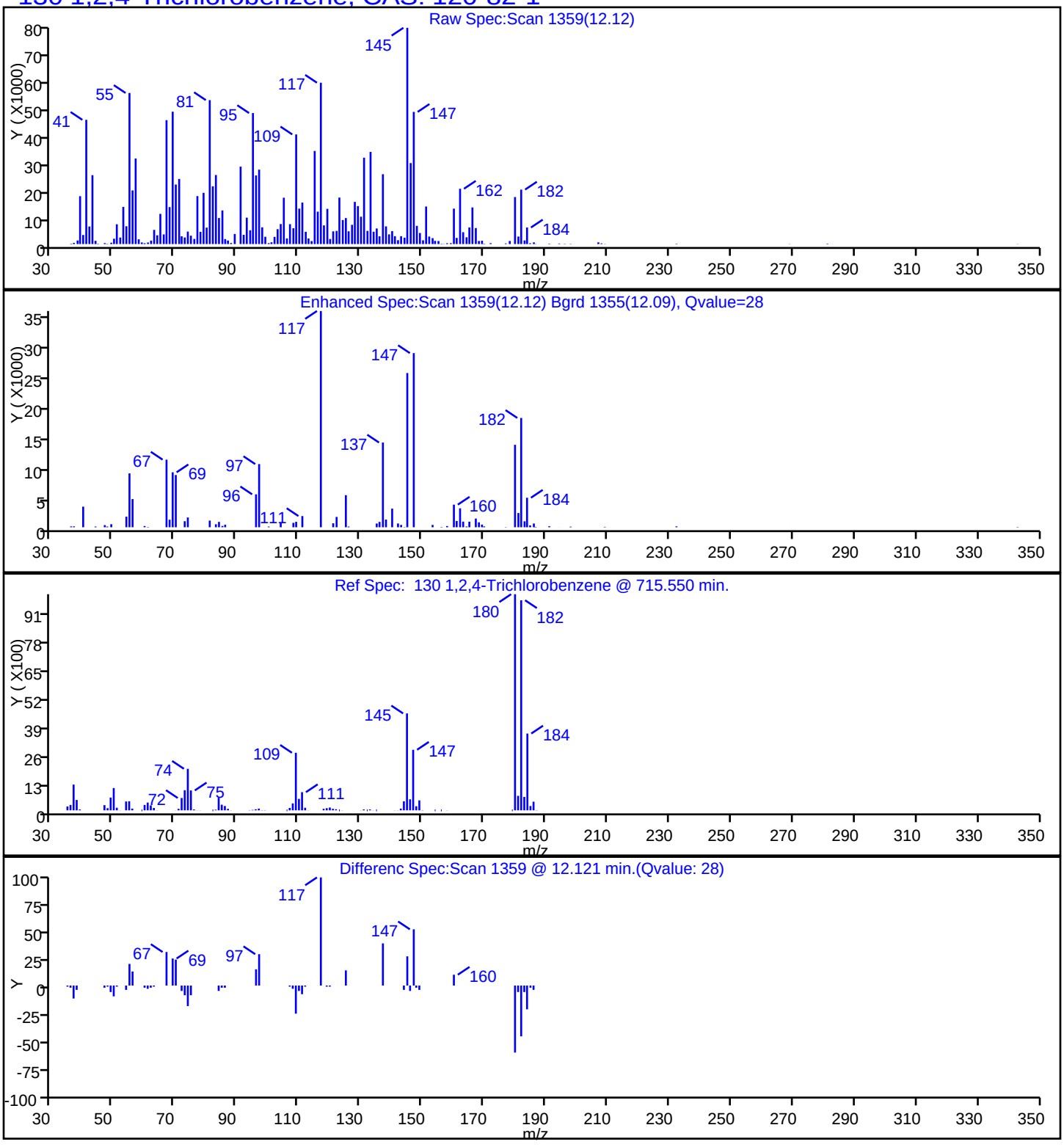
120 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89775.D		
Injection Date:	10-Nov-2015 06:06:30	Instrument ID:	CVOAMS2
Lims ID:	460-104194-A-15-A	Lab Sample ID:	460-104194-15
Client ID:	PMP-19-NW2-WT		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

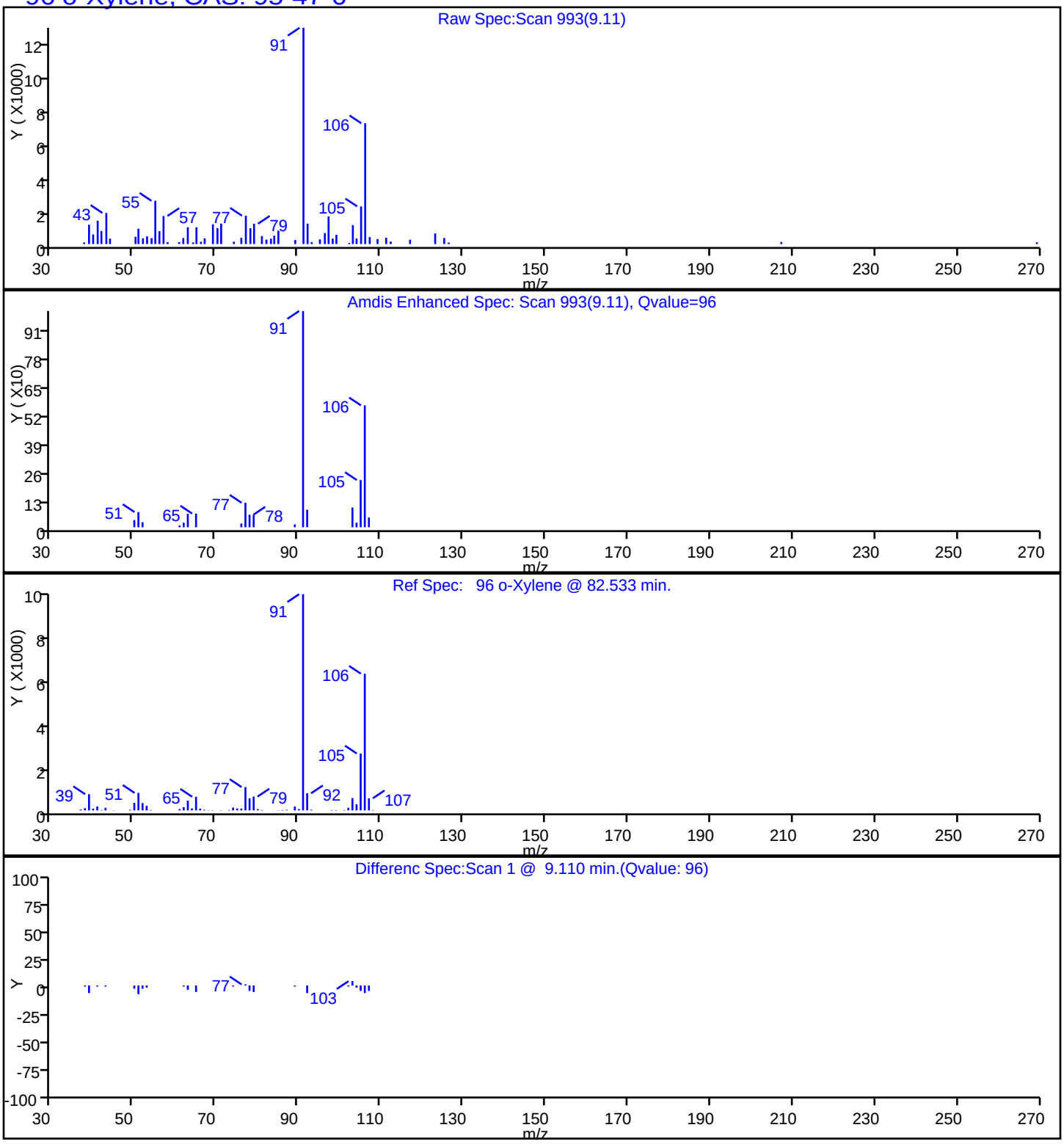
130 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89775.D		
Injection Date:	10-Nov-2015 06:06:30	Instrument ID:	CVOAMS2
Lims ID:	460-104194-A-15-A	Lab Sample ID:	460-104194-15
Client ID:	PMP-19-NW2-WT		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

96 o-Xylene, CAS: 95-47-6

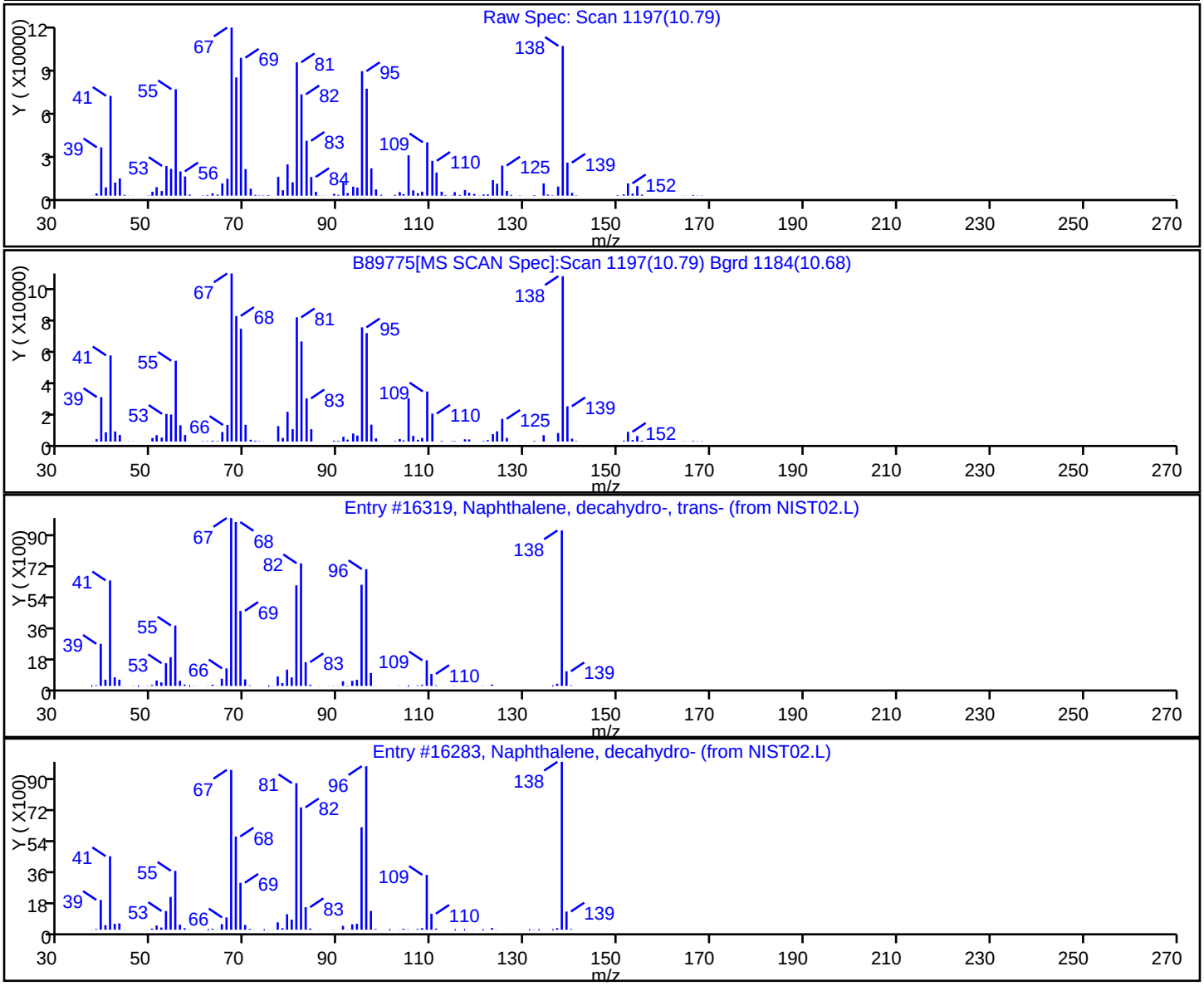


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89775.D

Injection Date:	10-Nov-2015 06:06:30	Instrument ID:	CVOAMS2
Lims ID:	460-104194-A-15-A	Lab Sample ID:	460-104194-15
Client ID:	PMP-19-NW2-WT		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-, trans-	493-02-7	NIST02.L	16319	C10H18	138	94
Naphthalene, decahydro-	91-17-8	NIST02.L	16283	C10H18	138	89



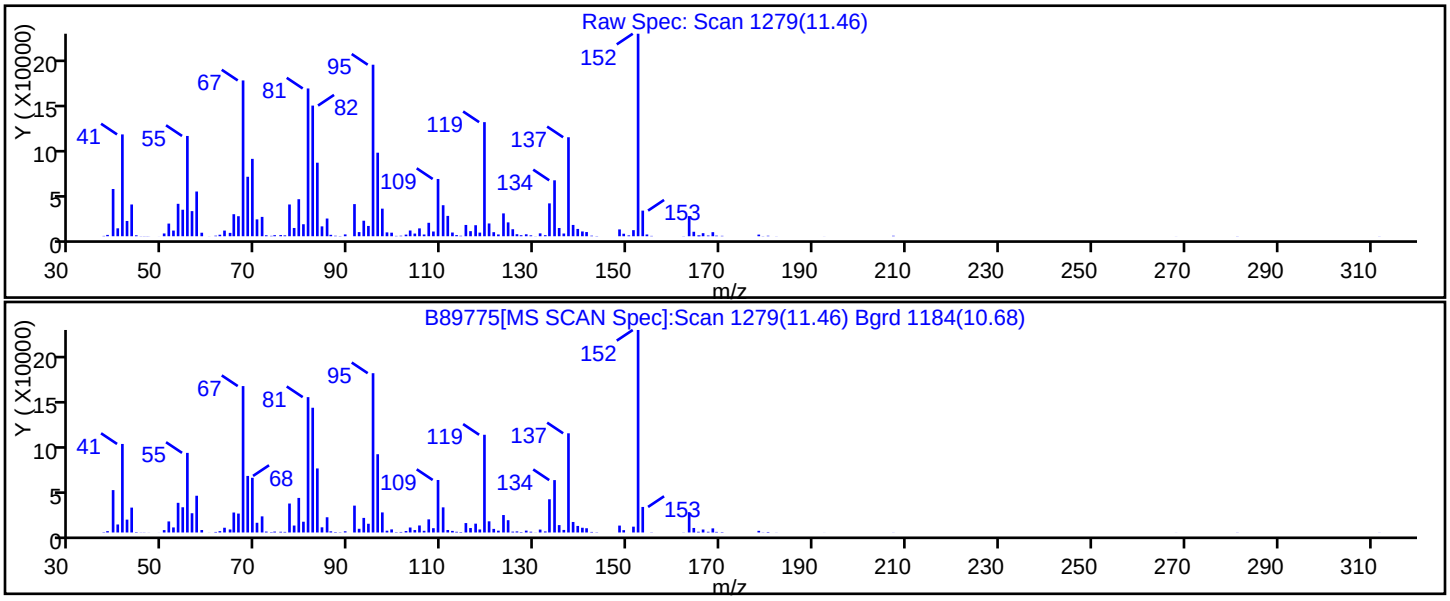
Report Date: 10-Nov-2015 15:12:47 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89775.D

Injection Date:	10-Nov-2015 06:06:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104194-A-15-A	Lab Sample ID:	460-104194-15		
Client ID:	PMP-19-NW2-WT				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

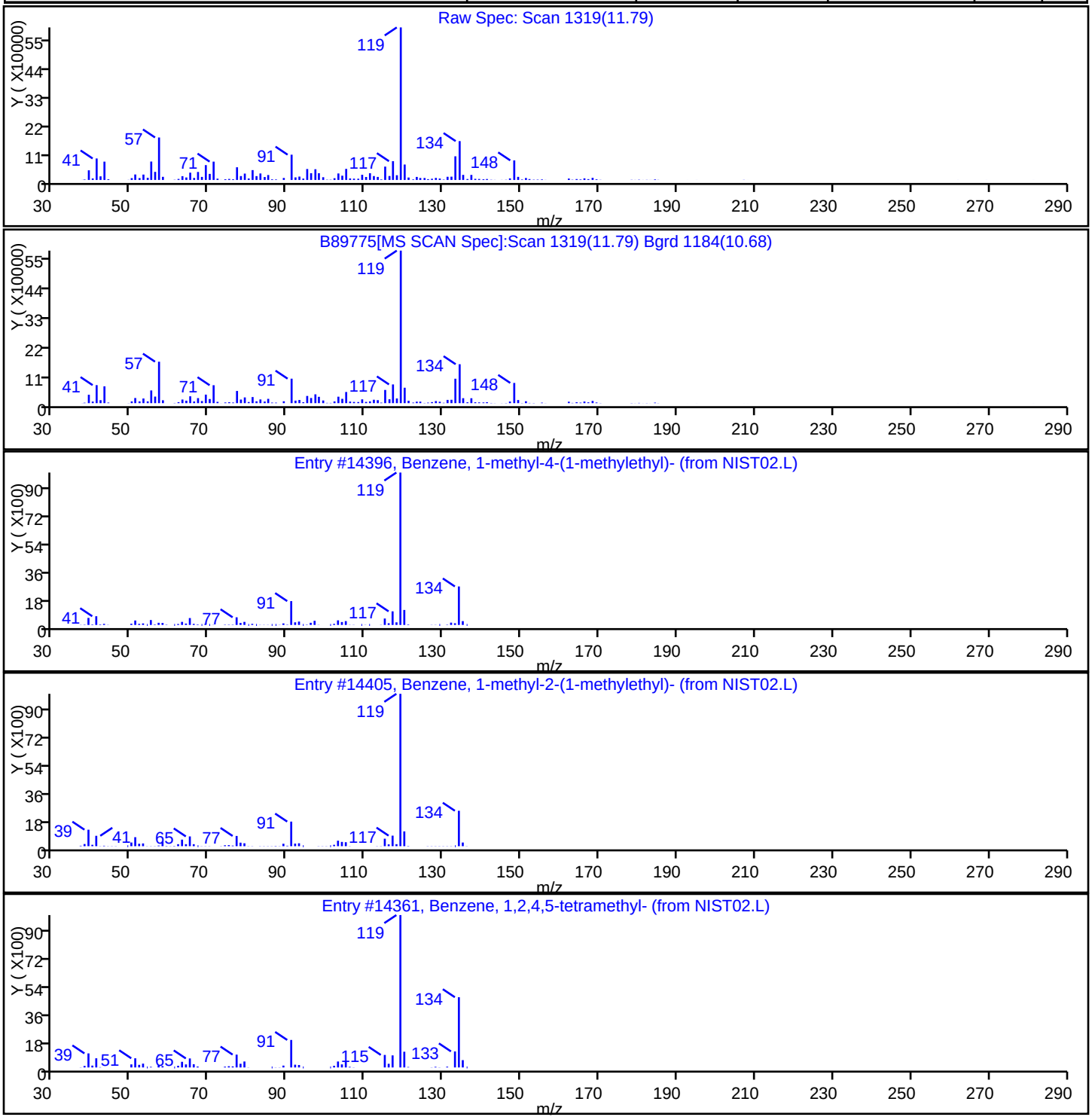
No Library Matches Found above the Threshold: 85



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89775.D
Injection Date: 10-Nov-2015 06:06:30 Instrument ID: CVOAMS2
Lims ID: 460-104194-A-15-A Lab Sample ID: 460-104194-15
Client ID: PMP-19-NW2-WT
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-methyl-4-(1-methylethyl)-	99-87-6	NIST02.L	14396	C10H14	134	94
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14405	C10H14	134	93
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14361	C10H14	134	90

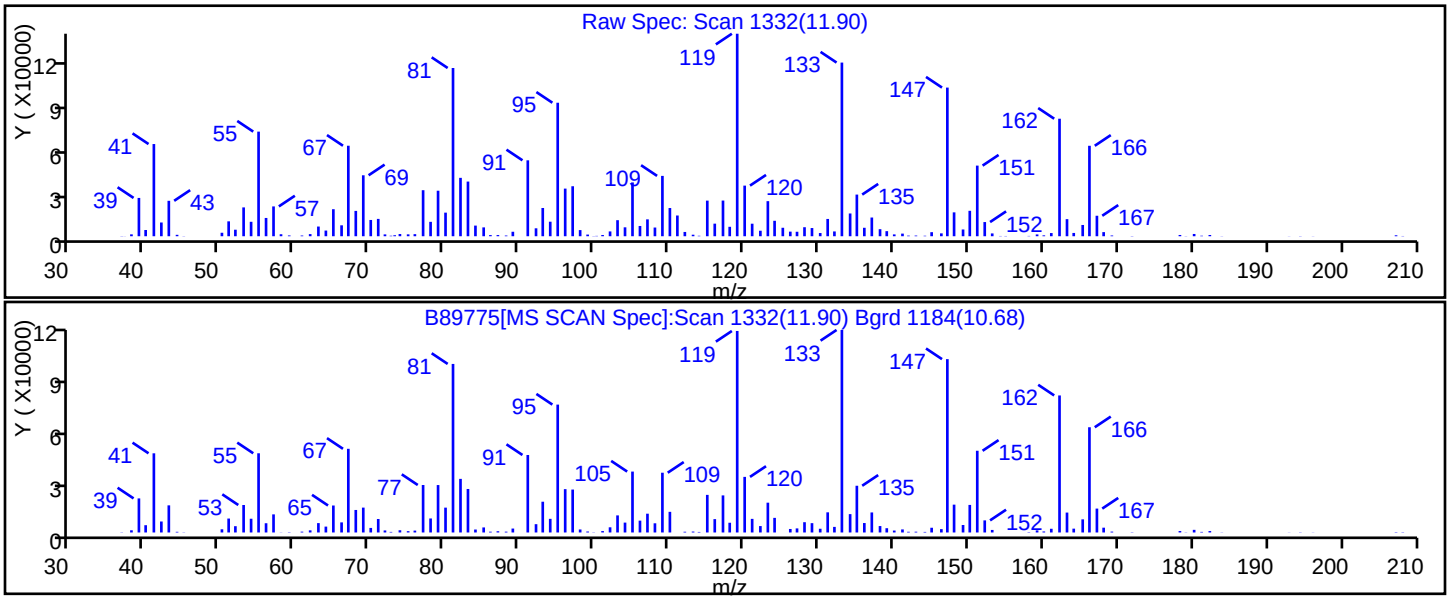


Report Date: 10-Nov-2015 15:12:47 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89775.D				
Injection Date:	10-Nov-2015 06:06:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104194-A-15-A	Lab Sample ID:	460-104194-15		
Client ID:	PMP-19-NW2-WT				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



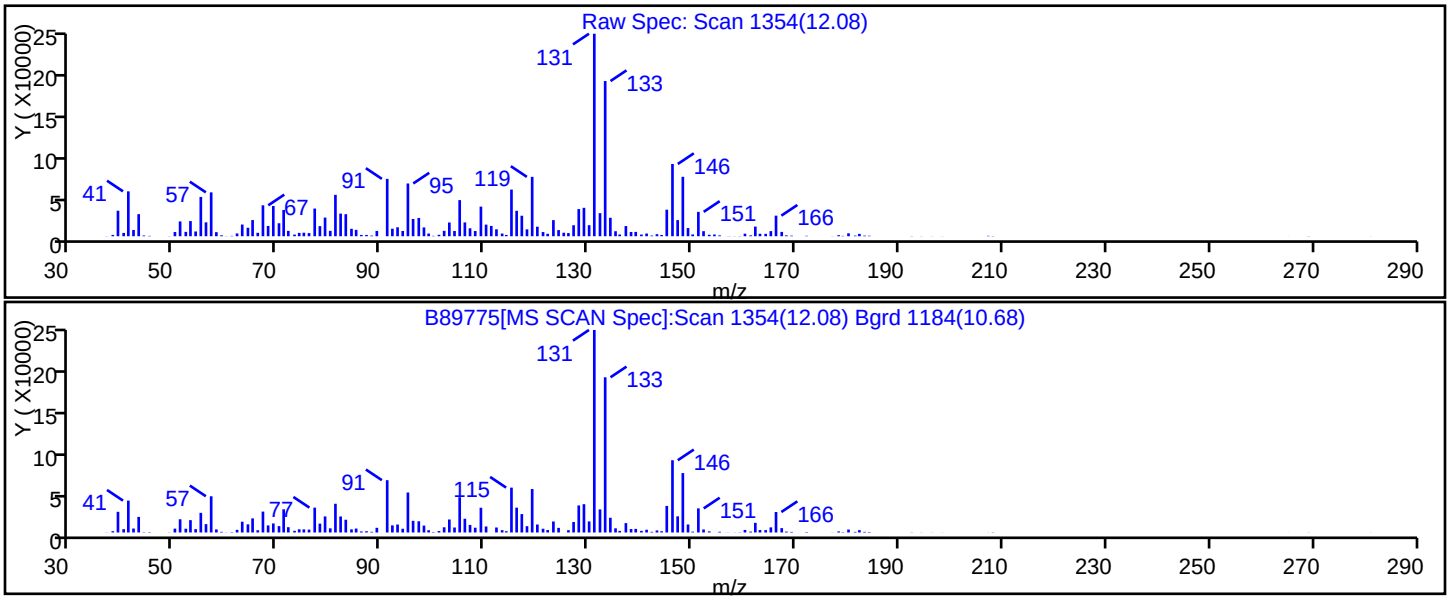
Report Date: 10-Nov-2015 15:12:47 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89775.D

Injection Date:	10-Nov-2015 06:06:30	Instrument ID:	CVOAMS2
Lims ID:	460-104194-A-15-A	Lab Sample ID:	460-104194-15
Client ID:	PMP-19-NW2-WT		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



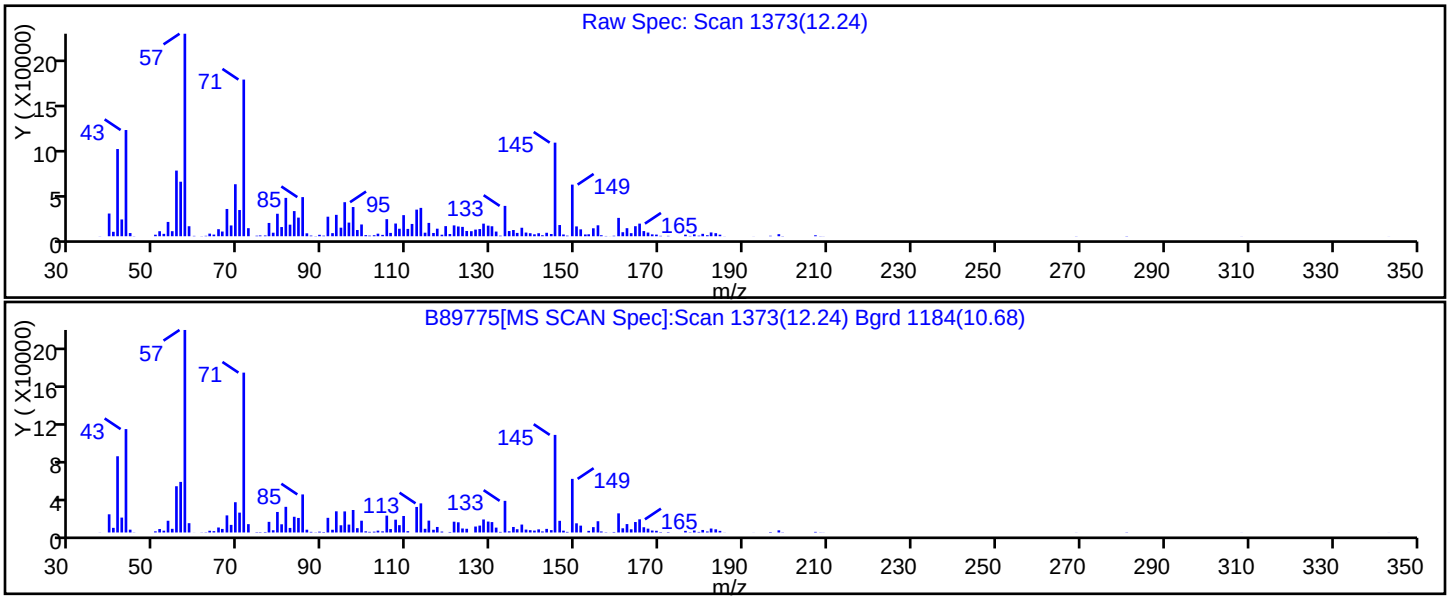
Report Date: 10-Nov-2015 15:12:47 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89775.D

Injection Date:	10-Nov-2015 06:06:30	Instrument ID:	CVOAMS2
Lims ID:	460-104194-A-15-A	Lab Sample ID:	460-104194-15
Client ID:	PMP-19-NW2-WT		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



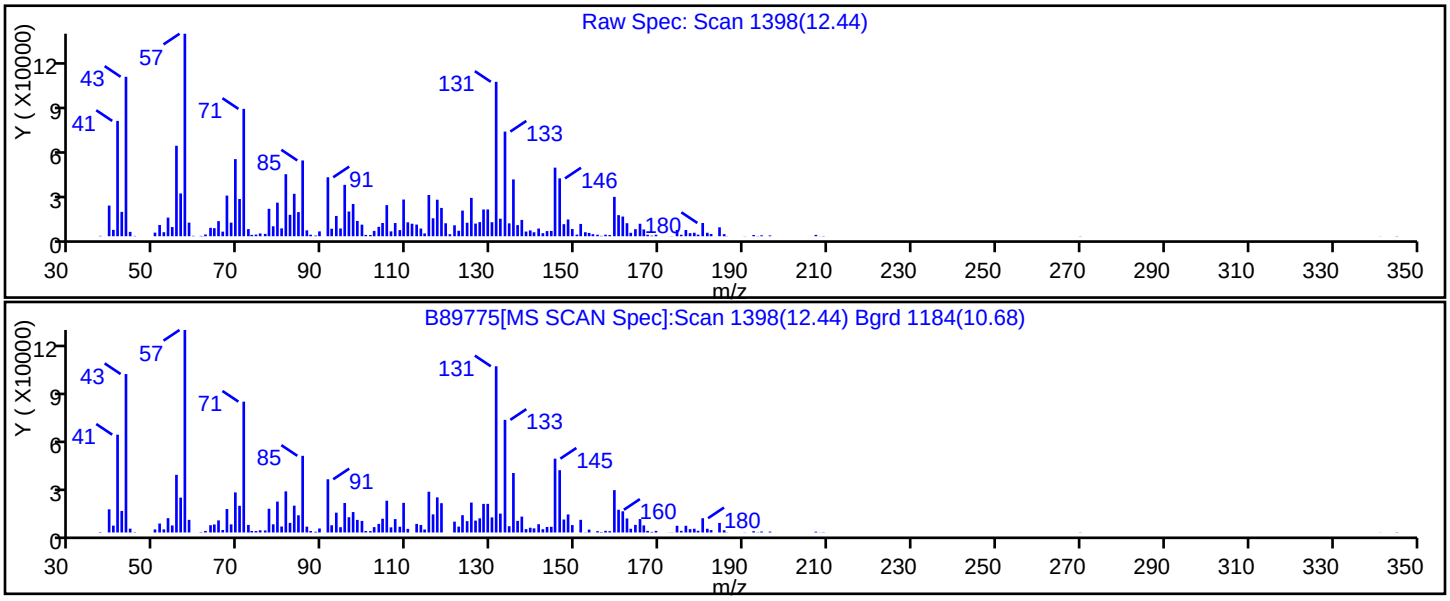
Report Date: 10-Nov-2015 15:12:47 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89775.D

Injection Date:	10-Nov-2015 06:06:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104194-A-15-A	Lab Sample ID:	460-104194-15		
Client ID:	PMP-19-NW2-WT				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85

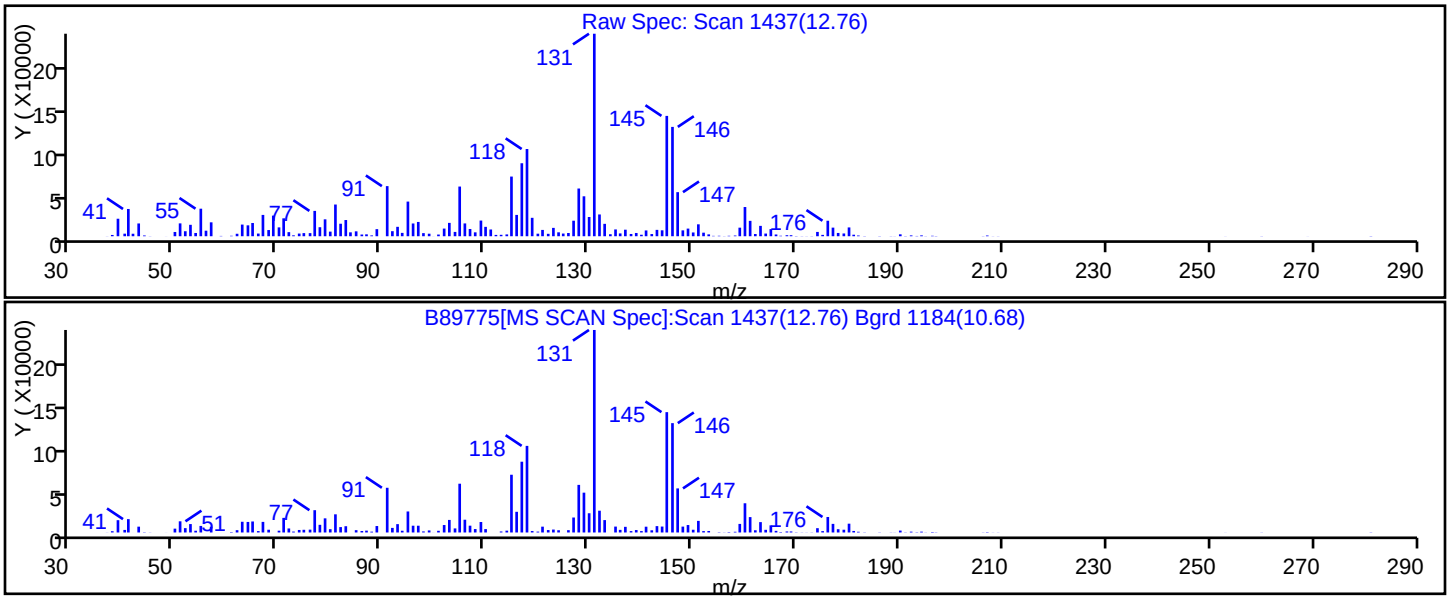


Report Date: 10-Nov-2015 15:12:47 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89775.D				
Injection Date:	10-Nov-2015 06:06:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104194-A-15-A	Lab Sample ID:	460-104194-15		
Client ID:	PMP-19-NW2-WT				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



Report Date: 10-Nov-2015 15:12:47 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89775.D

Injection Date: 10-Nov-2015 06:06:30 Instrument ID: CVOAMS2

Lims ID: 460-104194-A-15-A Lab Sample ID: 460-104194-15

Client ID: PMP-19-NW2-WT

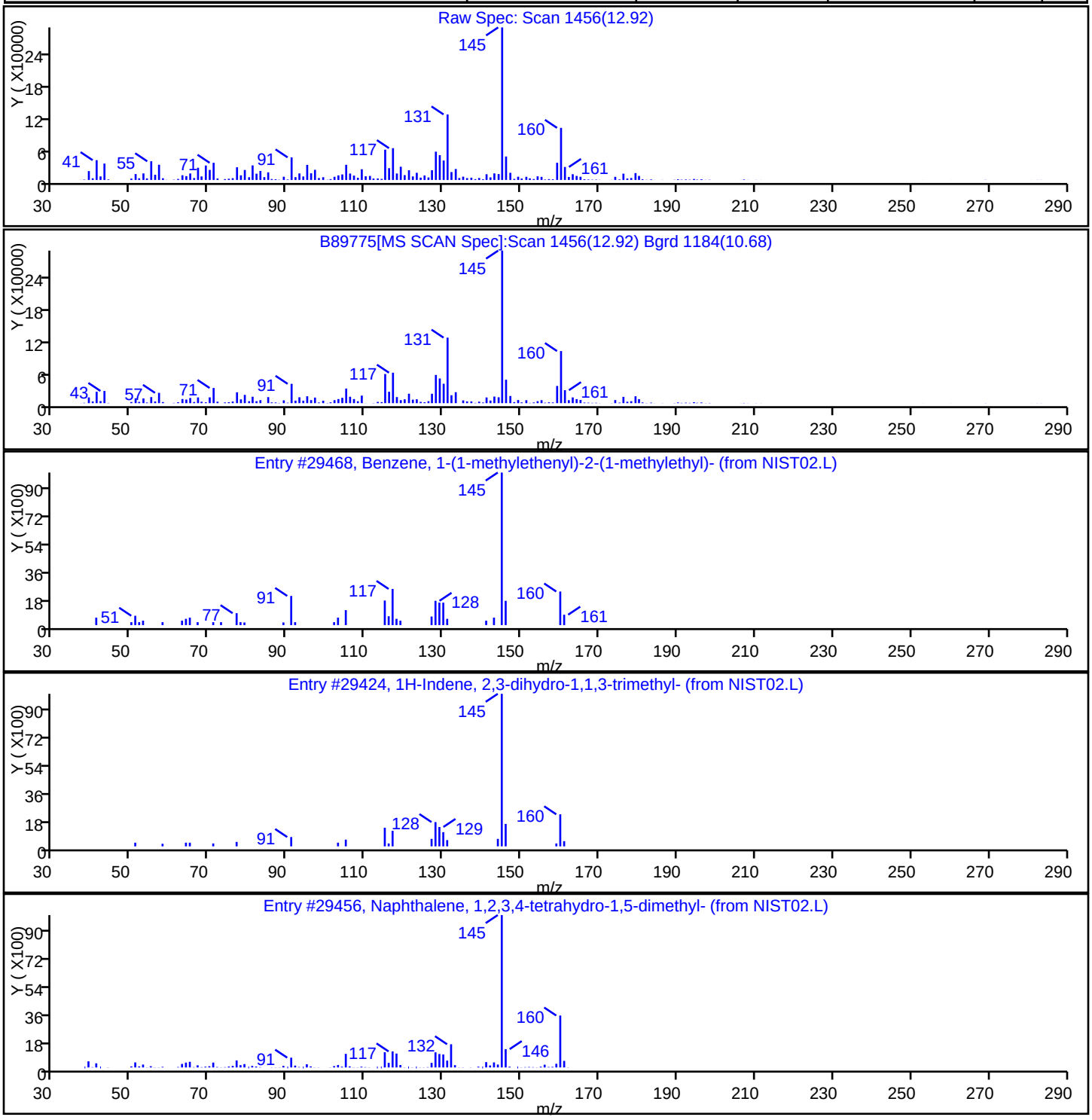
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-(1-methylethenyl)-2-(1-methyl	5557-93-7	NIST02.L	29468	C12H16	160	94
1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	2613-76-5	NIST02.L	29424	C12H16	160	93
Naphthalene, 1,2,3,4-tetrahydro-1,5-dime	21564-91-0	NIST02.L	29456	C12H16	160	90



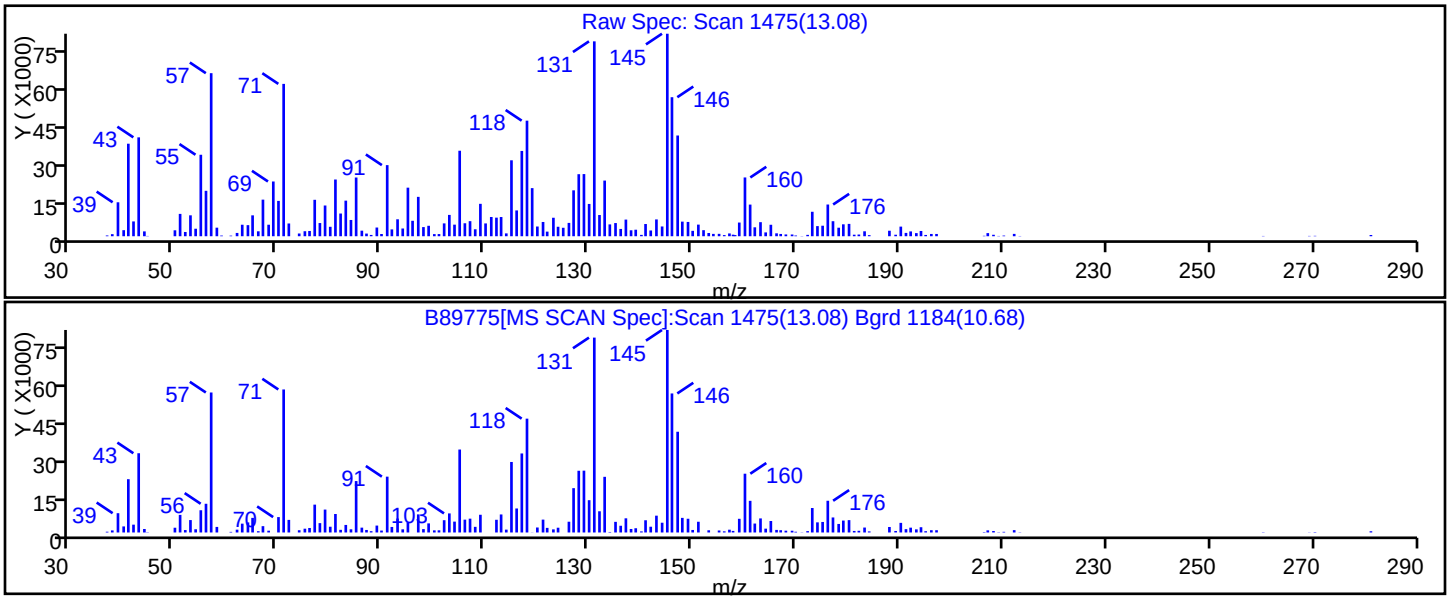
Report Date: 10-Nov-2015 15:12:48 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89775.D

Injection Date:	10-Nov-2015 06:06:30	Instrument ID:	CVOAMS2
Lims ID:	460-104194-A-15-A	Lab Sample ID:	460-104194-15
Client ID:	PMP-19-NW2-WT		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: DUP-2015_11_06_01 | Lab Sample ID: 460-104194-20

Matrix: Solid | Lab File ID: D16350.D

Analysis Method: 8260C | Date Collected: 11/06/2015 00:00

Sample wt/vol: 5.355(g) | Date Analyzed: 11/10/2015 15:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.8 | Level: (low/med) Low

Analysis Batch No.: 334289 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.37	U	0.98	0.37
74-83-9	Bromomethane	0.31	U	0.98	0.31
75-01-4	Vinyl chloride	0.38	U	0.98	0.38
75-00-3	Chloroethane	0.34	U	0.98	0.34
75-09-2	Methylene Chloride	0.31	U	0.98	0.31
67-64-1	Acetone	11		4.9	1.0
75-15-0	Carbon disulfide	0.42	U	0.98	0.42
75-69-4	Trichlorofluoromethane	0.33	U	0.98	0.33
75-35-4	1,1-Dichloroethene	0.40	U	0.98	0.40
75-34-3	1,1-Dichloroethane	0.33	U	0.98	0.33
156-60-5	trans-1,2-Dichloroethene	0.38	U	0.98	0.38
156-59-2	cis-1,2-Dichloroethene	0.22	U	0.98	0.22
67-66-3	Chloroform	0.21	U	0.98	0.21
78-93-3	2-Butanone	0.75	U	4.9	0.75
107-06-2	1,2-Dichloroethane	0.11	U	0.98	0.11
71-55-6	1,1,1-Trichloroethane	0.37	U	0.98	0.37
56-23-5	Carbon tetrachloride	0.42	U	0.98	0.42
71-43-2	Benzene	0.20	U	0.98	0.20
75-25-2	Bromoform	0.13	U	0.98	0.13
100-42-5	Styrene	0.15	U	0.98	0.15
100-41-4	Ethylbenzene	0.18	U	0.98	0.18
108-90-7	Chlorobenzene	0.14	U	0.98	0.14
110-82-7	Cyclohexane	0.45	U	0.98	0.45
98-82-8	Isopropylbenzene	0.17	U	0.98	0.17
591-78-6	2-Hexanone	0.92	U	4.9	0.92
1634-04-4	MTBE	0.17	U	0.98	0.17
76-13-1	Freon TF	0.43	U	0.98	0.43
79-20-9	Methyl acetate	0.88	U	4.9	0.88
123-91-1	1,4-Dioxane	6.3	U	20	6.3
79-01-6	Trichloroethene	0.25	U	0.98	0.25
108-88-3	Toluene	0.19	U	0.98	0.19
10061-02-6	trans-1,3-Dichloropropene	0.098	U	0.98	0.098
108-10-1	4-Methyl-2-pentanone	2.2	U	4.9	2.2
10061-01-5	cis-1,3-Dichloropropene	0.15	U	0.98	0.15
95-50-1	1,2-Dichlorobenzene	0.14	U	0.98	0.14
541-73-1	1,3-Dichlorobenzene	0.12	U	0.98	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: DUP-2015_11_06_01 | Lab Sample ID: 460-104194-20

Matrix: Solid | Lab File ID: D16350.D

Analysis Method: 8260C | Date Collected: 11/06/2015 00:00

Sample wt/vol: 5.355(g) | Date Analyzed: 11/10/2015 15:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.8 | Level: (low/med) Low

Analysis Batch No.: 334289 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.13	U	0.98	0.13
120-82-1	1,2,4-Trichlorobenzene	0.31	U	0.98	0.31
87-61-6	1,2,3-Trichlorobenzene	0.11	U	0.98	0.11
78-87-5	1,2-Dichloropropane	0.17	U	0.98	0.17
108-87-2	Methylcyclohexane	0.49	U	0.98	0.49
127-18-4	Tetrachloroethene	0.27	U	0.98	0.27
1330-20-7	Xylenes, Total	0.11	U	2.0	0.11
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.98	0.46
79-34-5	1,1,2,2-Tetrachloroethane	0.17	U	0.98	0.17
79-00-5	1,1,2-Trichloroethane	0.27	U	0.98	0.27
124-48-1	Dibromochloromethane	0.15	U	0.98	0.15
106-93-4	1,2-Dibromoethane	0.12	U	0.98	0.12
75-71-8	Dichlorodifluoromethane	0.31	U	0.98	0.31
74-97-5	Bromochloromethane	0.17	U	0.98	0.17
75-27-4	Bromodichloromethane	0.37	U	0.98	0.37

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	128		78-135
2037-26-5	Toluene-d8 (Surr)	105		73-121
460-00-4	Bromofluorobenzene	107		67-126
1868-53-7	Dibromofluoromethane (Surr)	124		61-149

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: DUP-2015_11_06_01 Lab Sample ID: 460-104194-20

Matrix: Solid Lab File ID: D16350.D

Analysis Method: 8260C Date Collected: 11/06/2015 00:00

Sample wt/vol: 5.355(g) Date Analyzed: 11/10/2015 15:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.8 Level: (low/med) Low

Analysis Batch No.: 334289 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16350.D
Lims ID: 460-104194-C-20-A Lab Sample ID: 460-104194-20
Client ID: DUP-2015_11_06_01
Sample Type: Client
Inject. Date: 10-Nov-2015 15:06:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104194-C-20-A
Misc. Info.: 460-0034037-014
Operator ID: Instrument ID: CVOAMS4

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 10:34:03 Calib Date: 05-Nov-2015 02:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: delpolitov Date: 11-Nov-2015 10:34:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
18 Acetone	43	3.193	3.192	0.001	88	14431	11.6	
* 27 TBA-d9 (IS)	65	3.638	3.644	-0.006	89	297594	1000.0	
* 38 2-Butanone-d5	46	4.942	4.942	0.000	96	255436	250.0	
$ 51 Dibromofluoromethane (Surr	113	5.521	5.521	0.000	97	118348	61.9	
$ 56 1,2-Dichloroethane-d4 (Sur	102	5.942	5.948	-0.006	98	26505	64.0	
* 62 Fluorobenzene	96	6.283	6.283	0.000	98	366301	50.0	
* 68 1,4-Dioxane-d8	96	7.131	7.112	0.019	27	19893	1000.0	
$ 79 Toluene-d8 (Surr)	98	8.027	8.027	0.000	99	416373	52.4	
* 90 Chlorobenzene-d5	117	9.325	9.325	0.000	87	329944	50.0	
$ 101 4-Bromofluorobenzene	174	10.252	10.252	0.000	93	147718	53.5	
* 117 1,4-Dichlorobenzene-d4	152	11.087	11.087	0.000	95	199040	50.0	

Reagents:

8260SURR250_00098 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

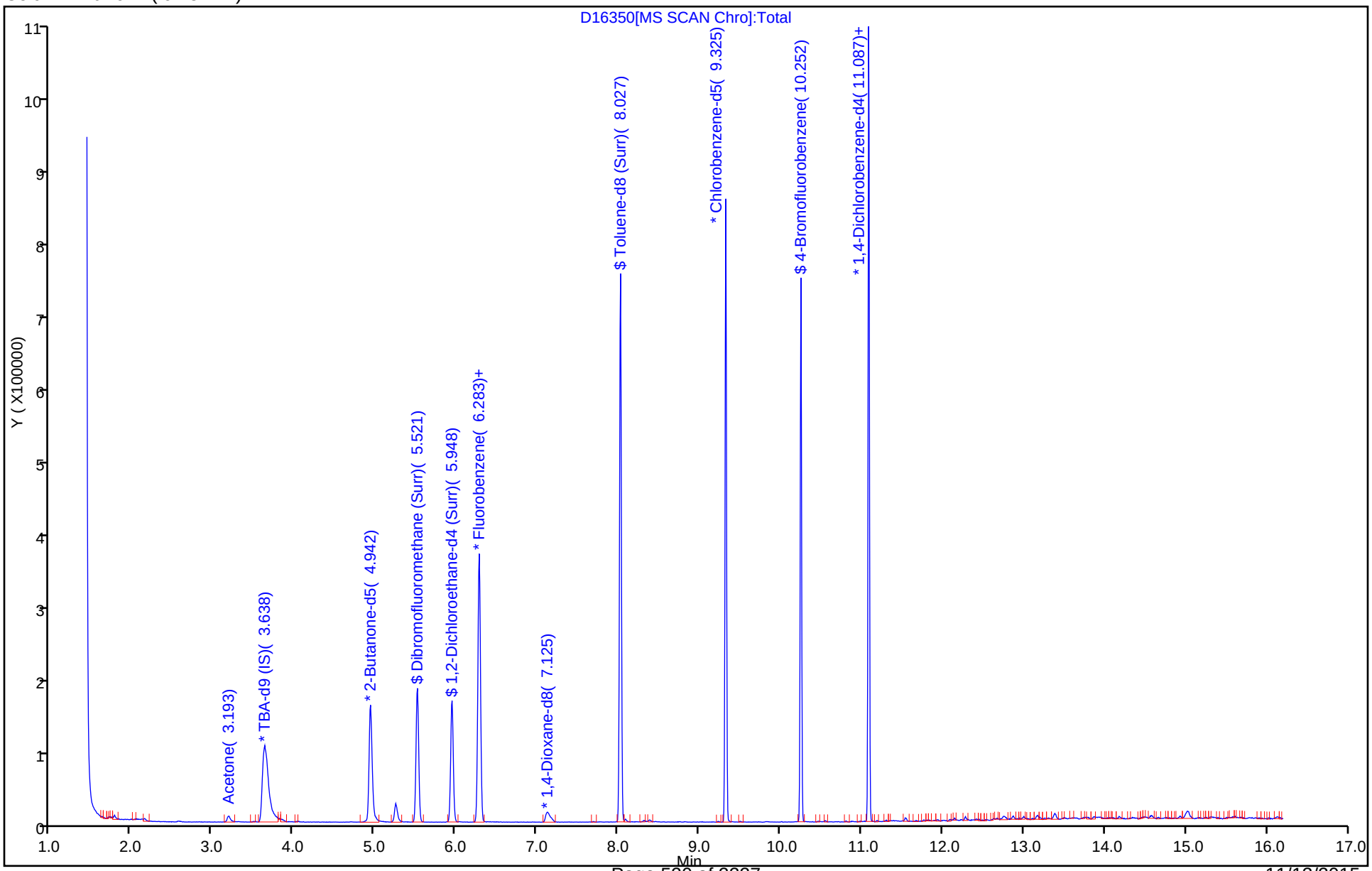
Report Date: 11-Nov-2015 10:34:05 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16350.D

Injection Date:	10-Nov-2015 15:06:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-104194-C-20-A	Lab Sample ID:	460-104194-20	Worklist Smp#:	14
Client ID:	DUP-2015_11_06_01				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



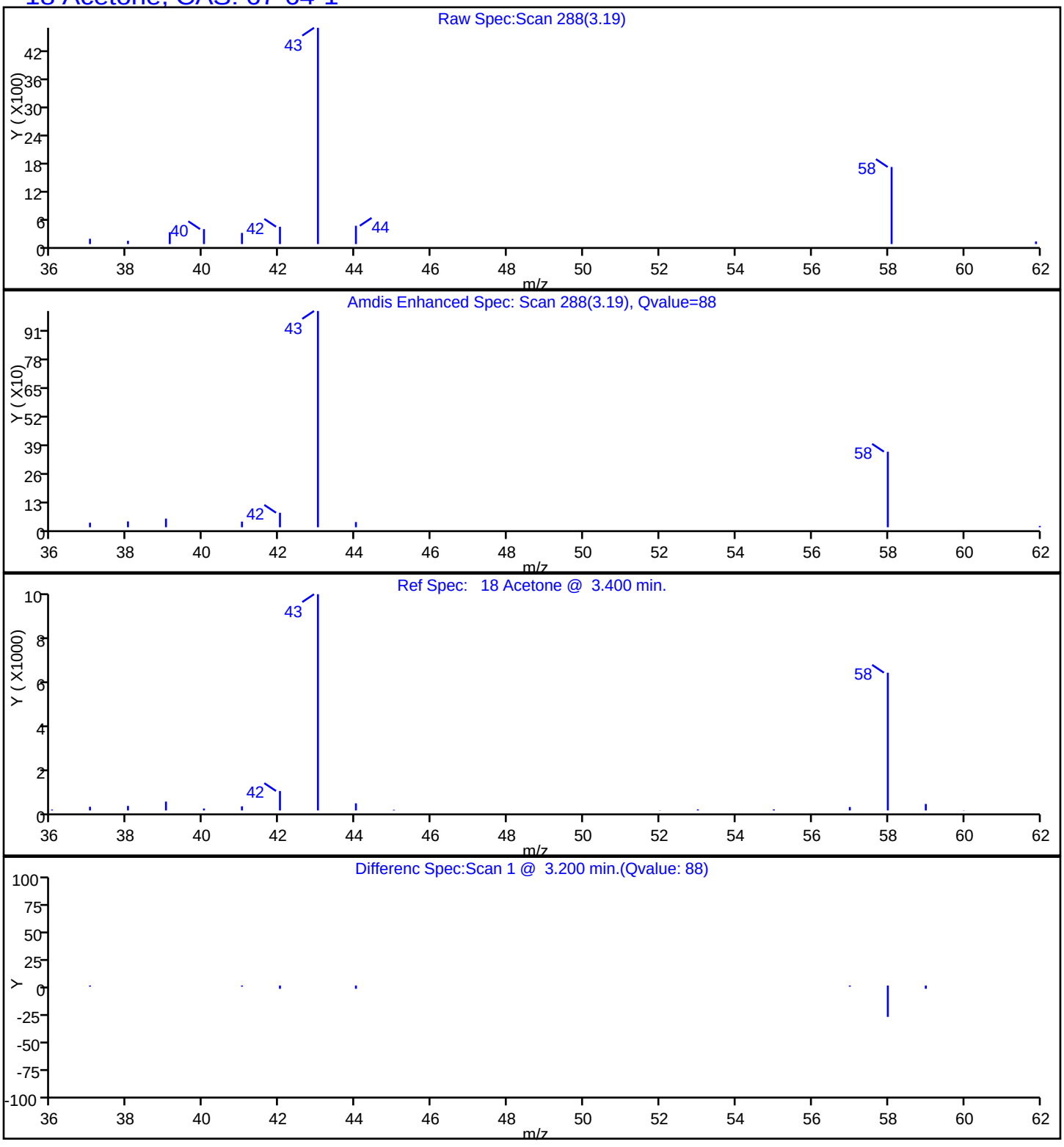
Report Date: 11-Nov-2015 10:34:05 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16350.D

Injection Date:	10-Nov-2015 15:06:30	Instrument ID:	CVOAMS4		
Lims ID:	460-104194-C-20-A	Lab Sample ID:	460-104194-20		
Client ID:	DUP-2015_11_06_01				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

18 Acetone, CAS: 67-64-1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-27_NW2_WT | Lab Sample ID: 460-104194-21

Matrix: Solid | Lab File ID: B89835.D

Analysis Method: 8260C | Date Collected: 11/06/2015 12:20

Sample wt/vol: 5.513(g) | Date Analyzed: 11/11/2015 06:50

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.1 | Level: (low/med) Medium

Analysis Batch No.: 334504 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	21	U	97	21
74-83-9	Bromomethane	17	U	97	17
75-01-4	Vinyl chloride	19	U	97	19
75-00-3	Chloroethane	36	U	97	36
75-09-2	Methylene Chloride	20	U	97	20
67-64-1	Acetone	100	U	480	100
75-15-0	Carbon disulfide	21	U	97	21
75-69-4	Trichlorofluoromethane	14	U	97	14
75-35-4	1,1-Dichloroethene	33	U	97	33
75-34-3	1,1-Dichloroethane	23	U	97	23
156-60-5	trans-1,2-Dichloroethene	17	U	97	17
156-59-2	cis-1,2-Dichloroethene	25	U	97	25
67-66-3	Chloroform	21	U	97	21
78-93-3	2-Butanone	210	U	480	210
107-06-2	1,2-Dichloroethane	24	U	97	24
71-55-6	1,1,1-Trichloroethane	27	U	97	27
56-23-5	Carbon tetrachloride	32	U	97	32
71-43-2	Benzene	18	U	97	18
75-25-2	Bromoform	17	U	97	17
100-42-5	Styrene	16	U	97	16
100-41-4	Ethylbenzene	29	U	97	29
108-90-7	Chlorobenzene	23	U	97	23
110-82-7	Cyclohexane	25	U	97	25
98-82-8	Isopropylbenzene	31	U	97	31
591-78-6	2-Hexanone	70	U	480	70
1634-04-4	MTBE	13	U	97	13
76-13-1	Freon TF	33	U	97	33
79-20-9	Methyl acetate	56	U	480	56
123-91-1	1,4-Dioxane	840	U *	2400	840
79-01-6	Trichloroethene	21	U	97	21
108-88-3	Toluene	24	U	97	24
10061-02-6	trans-1,3-Dichloropropene	18	U	97	18
108-10-1	4-Methyl-2-pentanone	61	U	480	61
10061-01-5	cis-1,3-Dichloropropene	15	U	97	15
95-50-1	1,2-Dichlorobenzene	21	U	97	21
541-73-1	1,3-Dichlorobenzene	32	U	97	32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-27_NW2_WT | Lab Sample ID: 460-104194-21

Matrix: Solid | Lab File ID: B89835.D

Analysis Method: 8260C | Date Collected: 11/06/2015 12:20

Sample wt/vol: 5.513(g) | Date Analyzed: 11/11/2015 06:50

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.1 | Level: (low/med) Medium

Analysis Batch No.: 334504 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	32	U	97	32
120-82-1	1,2,4-Trichlorobenzene	26	U	97	26
87-61-6	1,2,3-Trichlorobenzene	34	U	97	34
78-87-5	1,2-Dichloropropane	17	U	97	17
108-87-2	Methylcyclohexane	21	U	97	21
127-18-4	Tetrachloroethene	35	U	97	35
1330-20-7	Xylenes, Total	27	U	190	27
96-12-8	1,2-Dibromo-3-Chloropropane	22	U	97	22
79-34-5	1,1,2,2-Tetrachloroethane	18	U	97	18
79-00-5	1,1,2-Trichloroethane	7.7	U	97	7.7
124-48-1	Dibromochloromethane	21	U	97	21
106-93-4	1,2-Dibromoethane	18	U	97	18
75-71-8	Dichlorodifluoromethane	14	U	97	14
74-97-5	Bromochloromethane	29	U	97	29
75-27-4	Bromodichloromethane	14	U	97	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		69-145
2037-26-5	Toluene-d8 (Surr)	114		72-136
460-00-4	Bromofluorobenzene	109		64-131
1868-53-7	Dibromofluoromethane (Surr)	117		74-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-27_NW2_WT | Lab Sample ID: 460-104194-21

Matrix: Solid | Lab File ID: B89835.D

Analysis Method: 8260C | Date Collected: 11/06/2015 12:20

Sample wt/vol: 5.513(g) | Date Analyzed: 11/11/2015 06:50

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.1 | Level: (low/med) Medium

Analysis Batch No.: 334504 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 57900

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	10.80	5600	J
1000152-47-3	trans-Decalin, 2-methyl-	11.31	6600	J N
	Unknown	11.41	3200	J
2958-76-1	Naphthalene, decahydro-2-methyl-	11.47	7500	J N
1618-22-0	Naphthalene, decahydro-2,6-dimethyl-	11.89	12000	J N
	Unknown	12.15	3700	J
	Unknown	12.27	7000	J
	Unknown	12.38	3200	J
	Unknown	12.59	5300	J
	Unknown	12.94	3800	J

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\B89835.D
Lims ID: 460-104194-A-21-A Lab Sample ID: 460-104194-21
Client ID: PMP-27_NW2_WT
Sample Type: Client
Inject. Date: 11-Nov-2015 06:50:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-104194-A-21-A
Misc. Info.: 460-0034078-025
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 11:39:36 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: delpolitov Date: 11-Nov-2015 11:39:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.616	2.616	0.000	86	157512	1000.0	
* 158 2-Butanone-d5	46	3.694	3.702	-0.008	98	188505	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.221	4.220	0.001	91	150687	58.3	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.591	4.599	-0.008	94	151610	57.5	
* 62 Fluorobenzene	96	4.904	4.904	0.000	100	508832	50.0	
* 69 1,4-Dioxane-d8	96	5.776	5.743	0.033	56	17382	1000.0	
$ 80 Toluene-d8 (Surr)	98	6.879	6.887	-0.008	99	487001	56.9	
* 91 Chlorobenzene-d5	117	8.508	8.508	0.000	83	435762	50.0	
$ 102 4-Bromofluorobenzene	174	9.619	9.627	-0.008	96	203017	54.6	
* 119 1,4-Dichlorobenzene-d4	152	10.590	10.590	0.000	92	295430	50.0	

Reagents:

8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\B89835.D
Lims ID: 460-104194-A-21-A Lab Sample ID: 460-104194-21
Client ID: PMP-27_NW2_WT
Sample Type: Client
Inject. Date: 11-Nov-2015 06:50:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-104194-A-21-A
Misc. Info.: 460-0034078-025
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 11:39:36 Calib Date: 31-Oct-2015 15:49:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 85

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: delpolitov Date: 11-Nov-2015 11:39:36

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
10.804	2933377	57.8	119					
	1000152-47-3	trans-Decalin, 2-methyl-						
11.306	3462563	68.2	119	98	24310	C11H20	152	
		Unknown						
11.413	1680937	33.1	119					
	2958-76-1	Naphthalene, decahydro-2-methyl-						
11.471	3947452	77.8	119	91	24328	C11H20	152	
	1618-22-0	Naphthalene, decahydro-2,6-dimethyl-						
11.891	6347892	125.0	119	89	33325	C12H22	166	
		Unknown						
12.146	1932952	38.1	119					
		Unknown						
12.269	3683527	72.6	119					
		Unknown						
12.376	1675969	33.0	119					
		Unknown						
12.590	2773399	54.6	119					
		Unknown						
12.936	2009974	39.6	119					

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\B89835.D
Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 119 1,4-Dichlorobenzene-d4	10.590	2538350	50.0

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

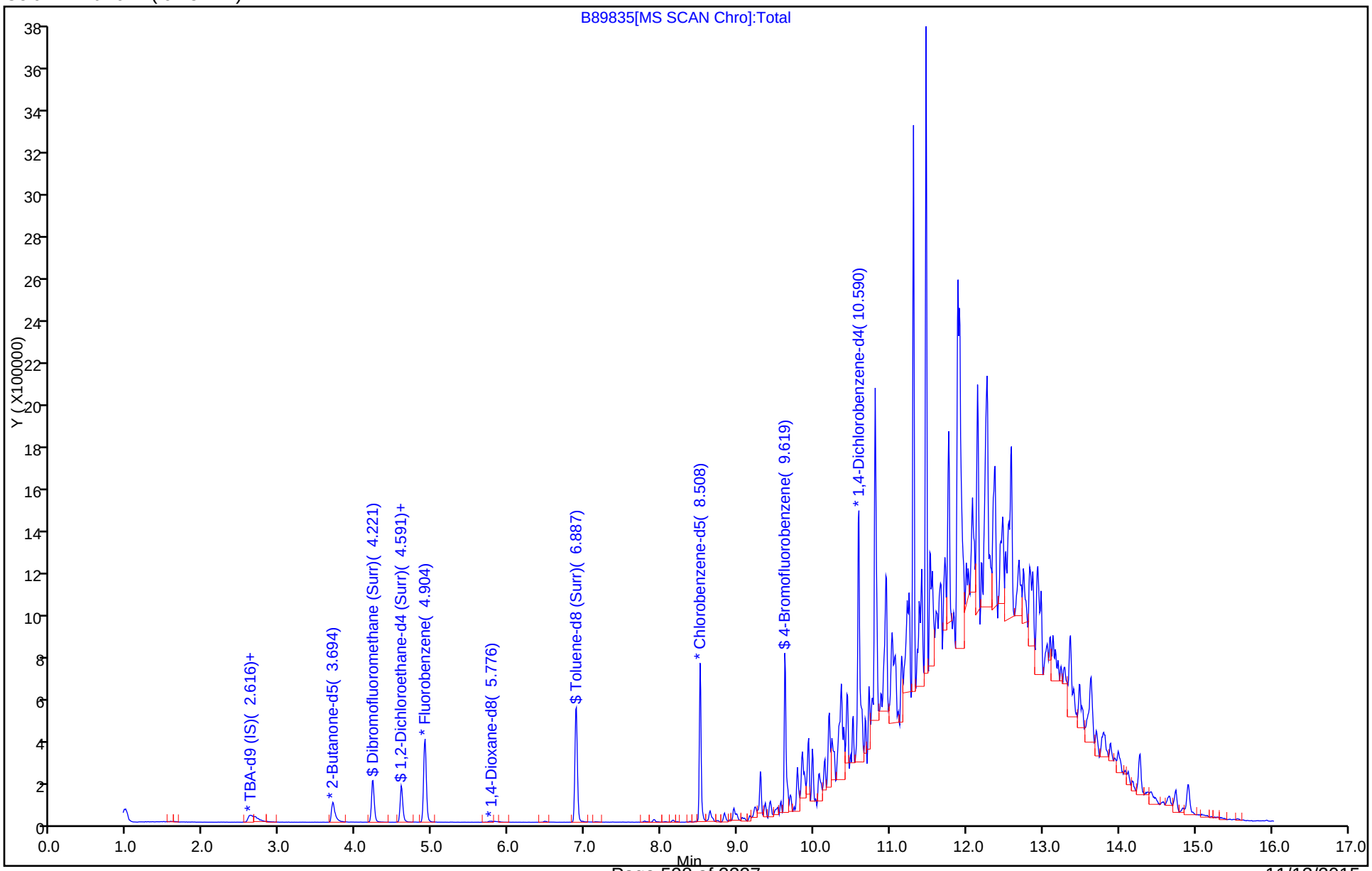
Report Date: 11-Nov-2015 11:39:37 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\B89835.D

Injection Date:	11-Nov-2015 06:50:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-104194-A-21-A	Lab Sample ID:	460-104194-21	Worklist Smp#:	25
Client ID:	PMP-27_NW2_WT				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	24
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



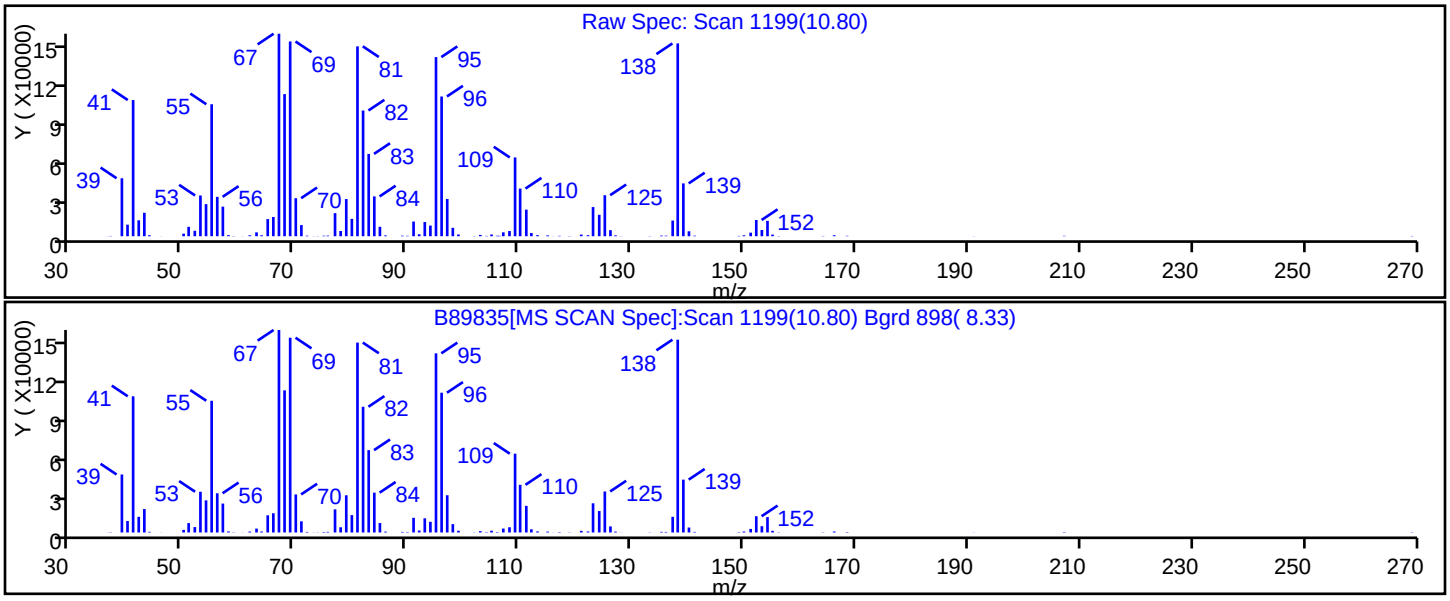
Report Date: 11-Nov-2015 11:39:37 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\B89835.D

Injection Date:	11-Nov-2015 06:50:30	Instrument ID:	CVOAMS2
Lims ID:	460-104194-A-21-A	Lab Sample ID:	460-104194-21
Client ID:	PMP-27_NW2_WT		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

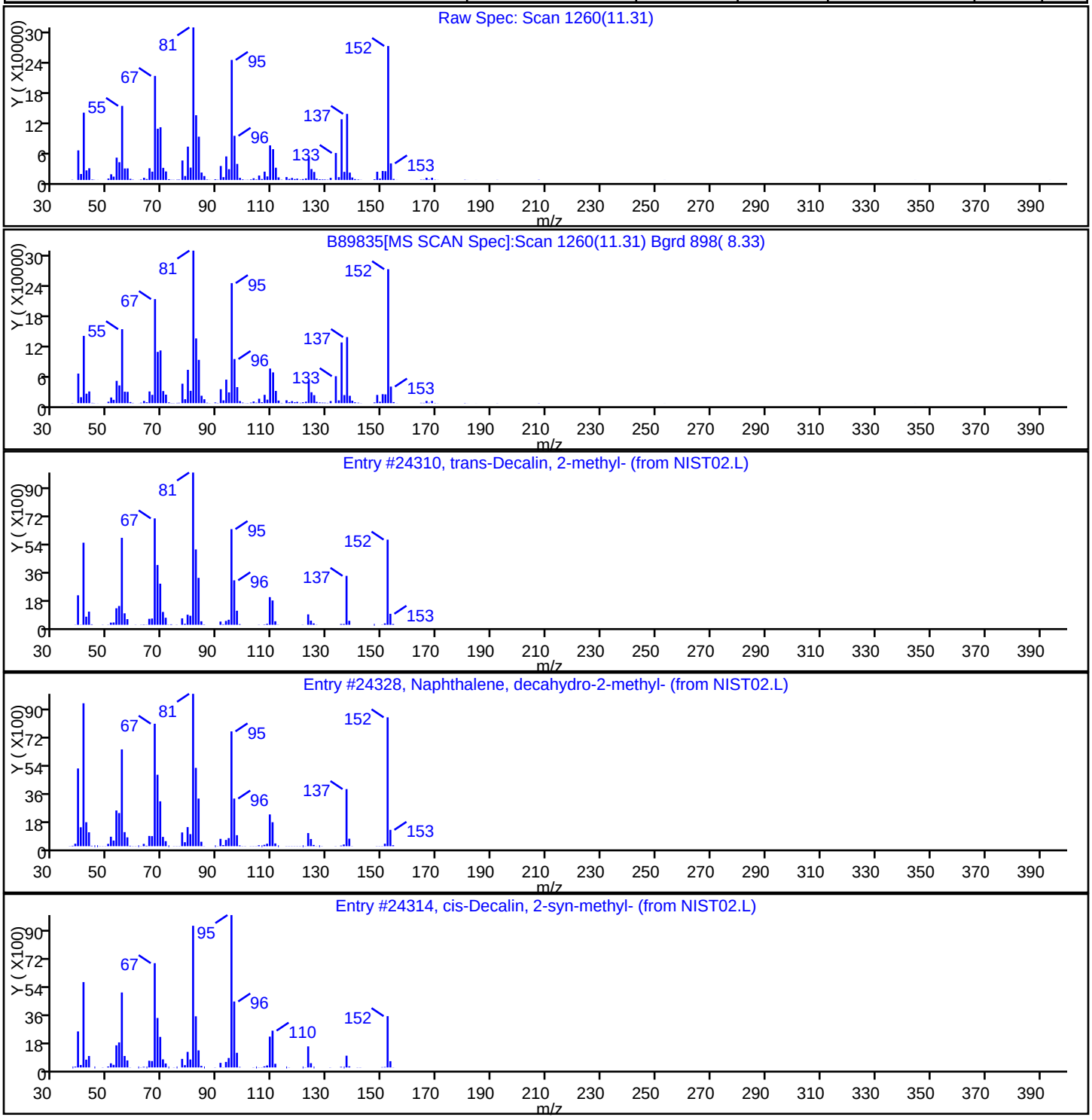
No Library Matches Found above the Threshold: 85



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\B89835.D
Injection Date: 11-Nov-2015 06:50:30 Instrument ID: CVOAMS2
Lims ID: 460-104194-A-21-A Lab Sample ID: 460-104194-21
Client ID: PMP-27_NW2_WT
Operator ID: ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	C11H20	152	98
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	C11H20	152	96
cis-Decalin, 2-syn-methyl-	1000155-85-6	NIST02.L	24314	C11H20	152	93

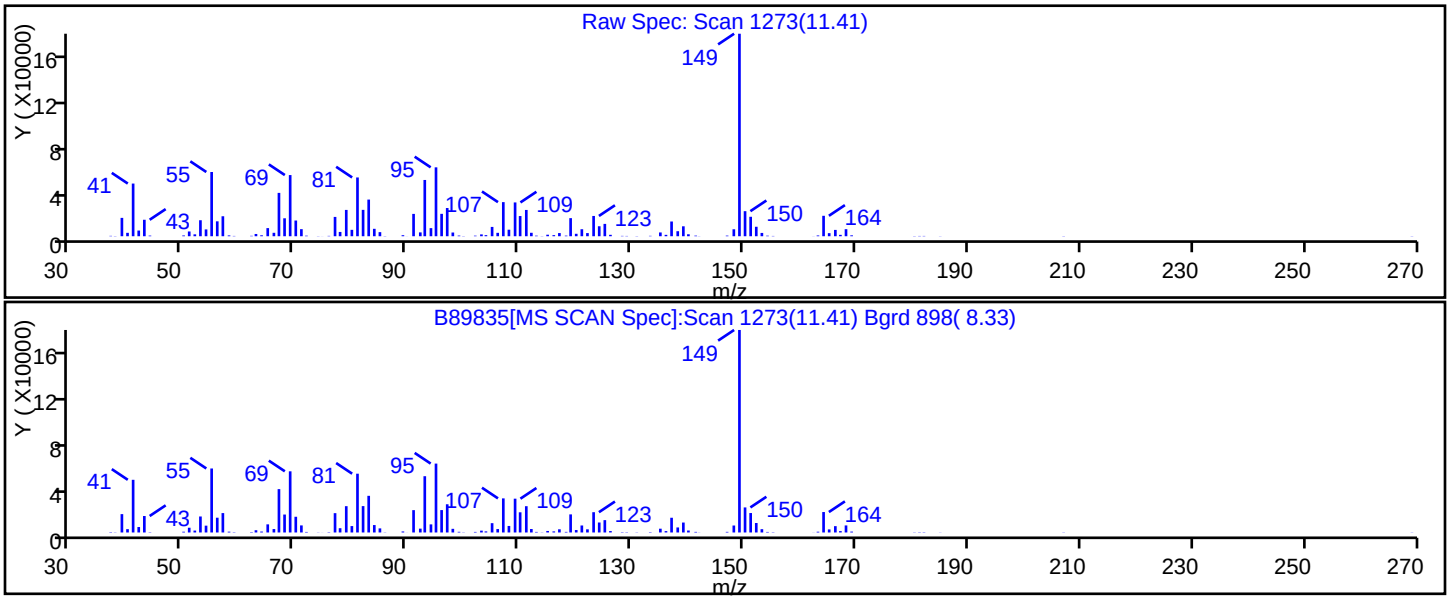


Report Date: 11-Nov-2015 11:39:37 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\B89835.D		
Injection Date:	11-Nov-2015 06:50:30	Instrument ID:	CVOAMS2
Lims ID:	460-104194-A-21-A	Lab Sample ID:	460-104194-21
Client ID:	PMP-27_NW2_WT		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

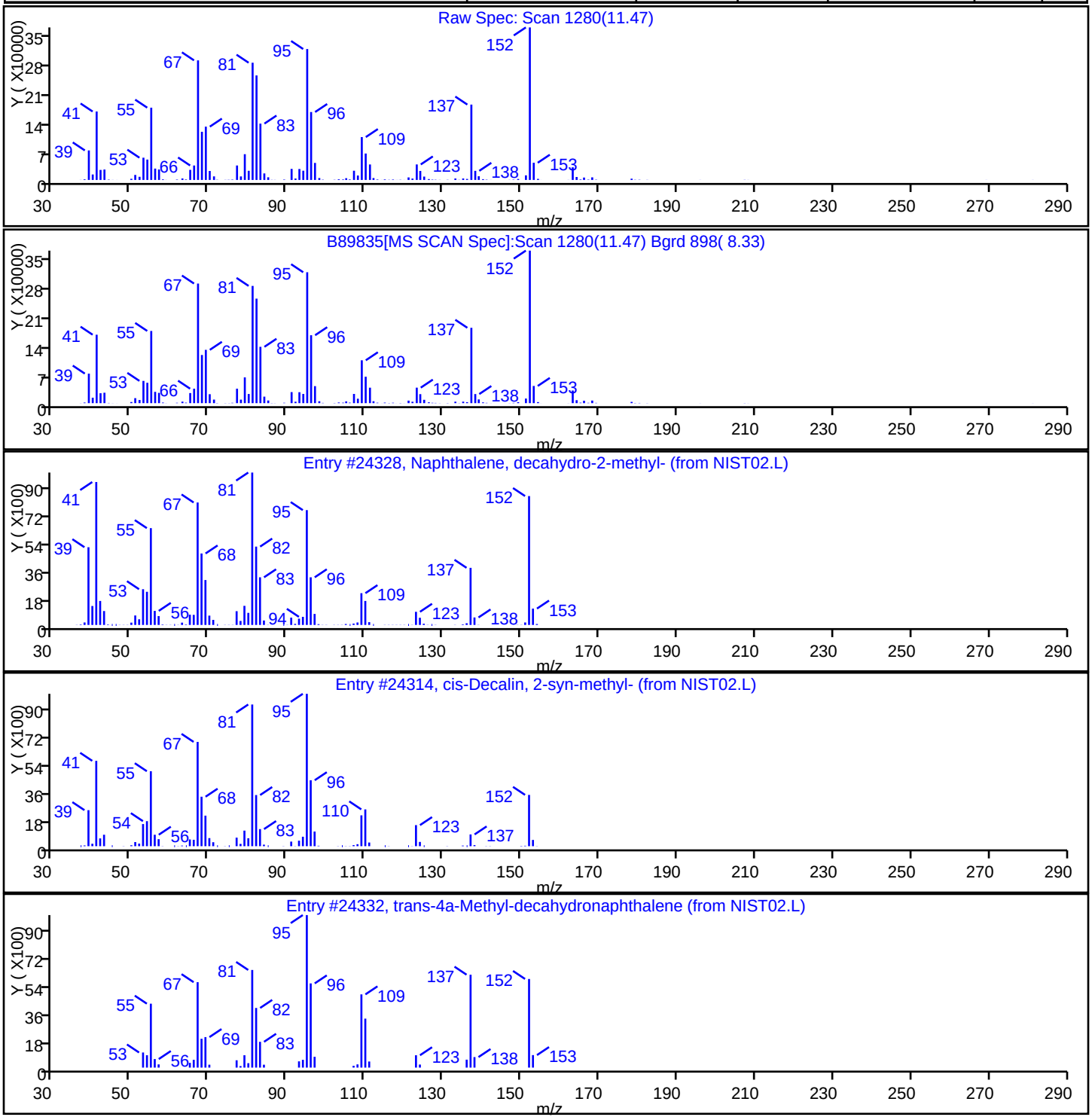
No Library Matches Found above the Threshold: 85



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\B89835.D
Injection Date: 11-Nov-2015 06:50:30 Instrument ID: CVOAMS2
Lims ID: 460-104194-A-21-A Lab Sample ID: 460-104194-21
Client ID: PMP-27_NW2_WT
Operator ID: ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	C11H20	152	91
cis-Decalin, 2-syn-methyl-	1000155-85-6	NIST02.L	24314	C11H20	152	91
trans-4a-Methyl-decahydronaphthalene	2547-27-5	NIST02.L	24332	C11H20	152	90



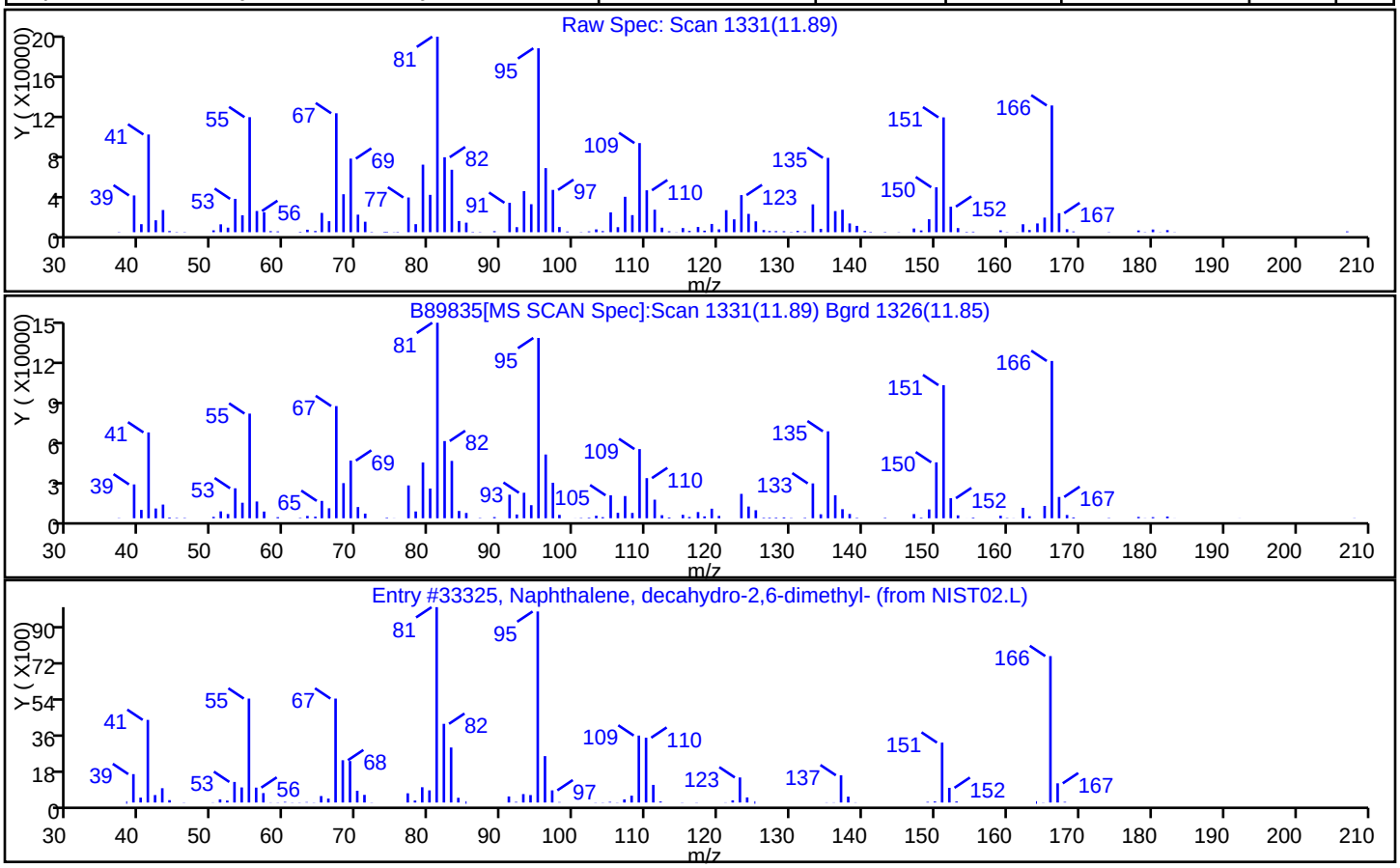
Report Date: 11-Nov-2015 11:39:37 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\B89835.D

Injection Date:	11-Nov-2015 06:50:30	Instrument ID:	CVOAMS2
Lims ID:	460-104194-A-21-A	Lab Sample ID:	460-104194-21
Client ID:	PMP-27_NW2_WT		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-2,6-dimethyl-	1618-22-0	NIST02.L	33325	C12H22	166	89



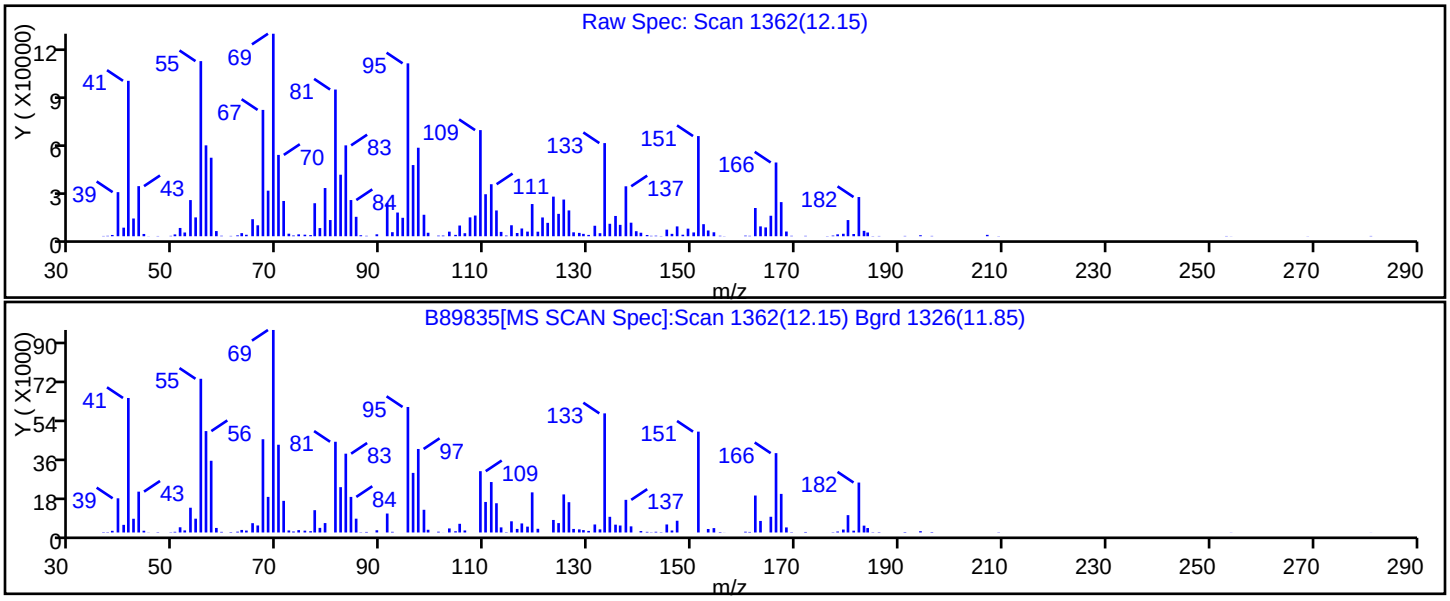
Report Date: 11-Nov-2015 11:39:37 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\B89835.D

Injection Date:	11-Nov-2015 06:50:30	Instrument ID:	CVOAMS2
Lims ID:	460-104194-A-21-A	Lab Sample ID:	460-104194-21
Client ID:	PMP-27_NW2_WT		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



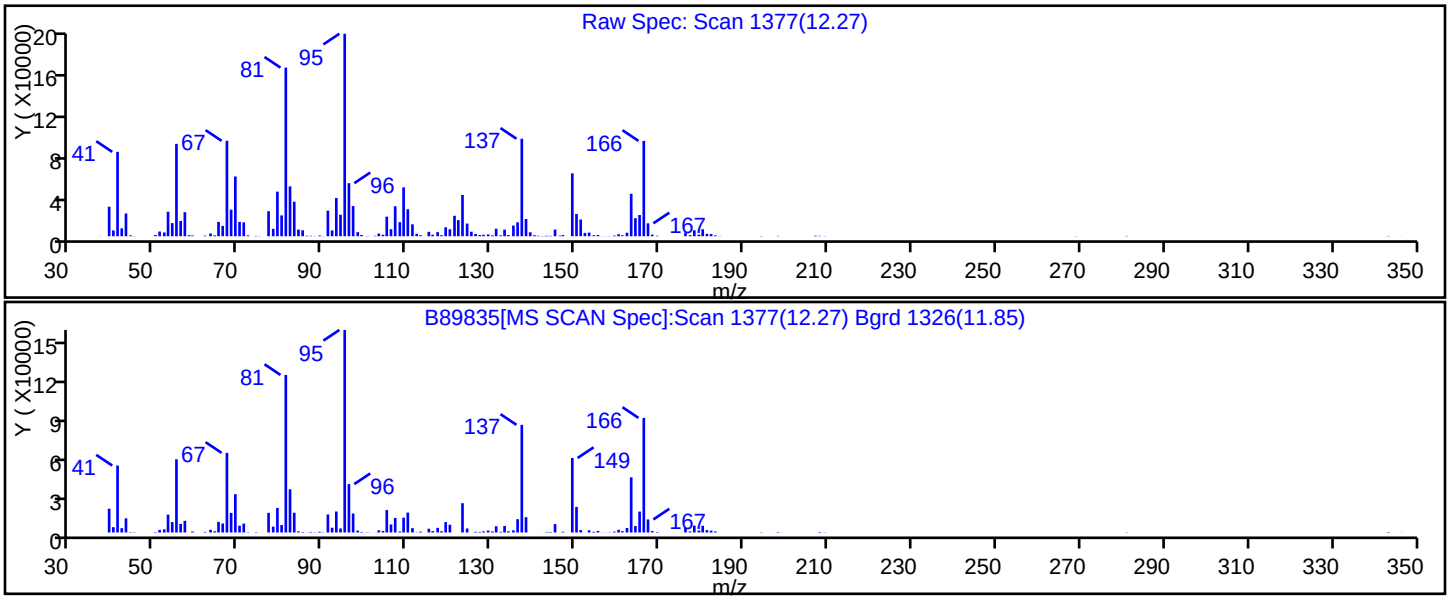
Report Date: 11-Nov-2015 11:39:37 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\B89835.D

Injection Date:	11-Nov-2015 06:50:30	Instrument ID:	CVOAMS2
Lims ID:	460-104194-A-21-A	Lab Sample ID:	460-104194-21
Client ID:	PMP-27_NW2_WT		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



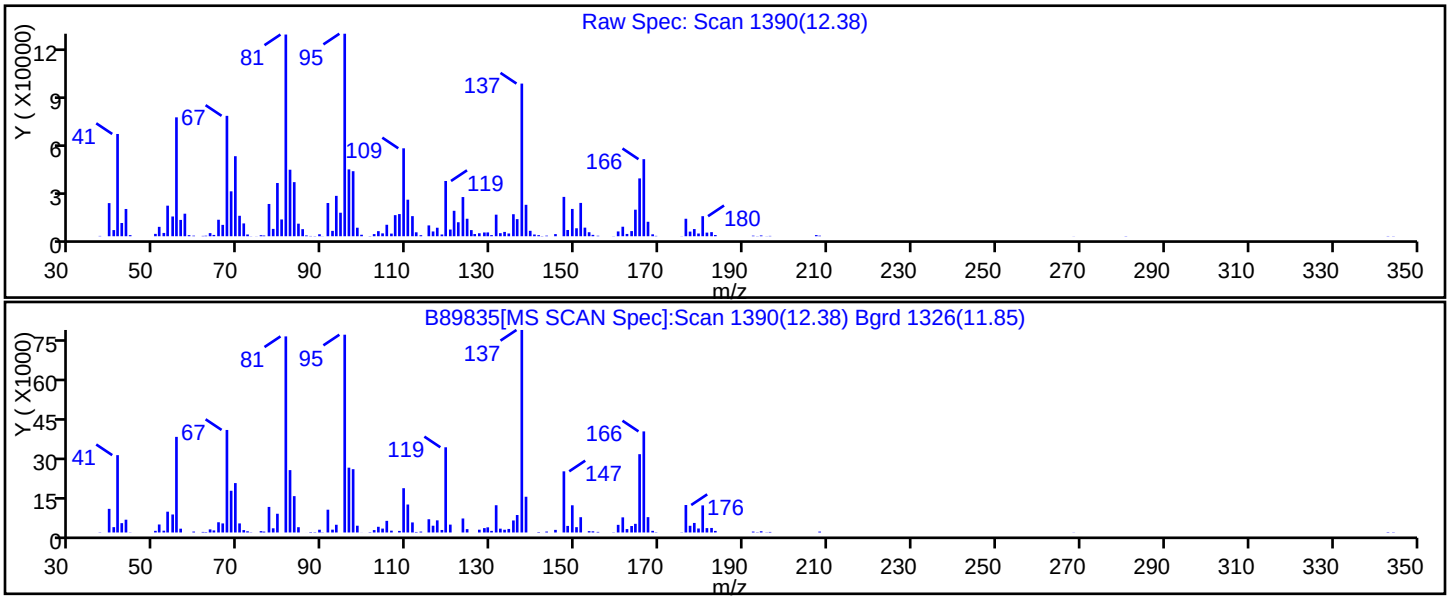
Report Date: 11-Nov-2015 11:39:37 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\B89835.D

Injection Date:	11-Nov-2015 06:50:30	Instrument ID:	CVOAMS2
Lims ID:	460-104194-A-21-A	Lab Sample ID:	460-104194-21
Client ID:	PMP-27_NW2_WT		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



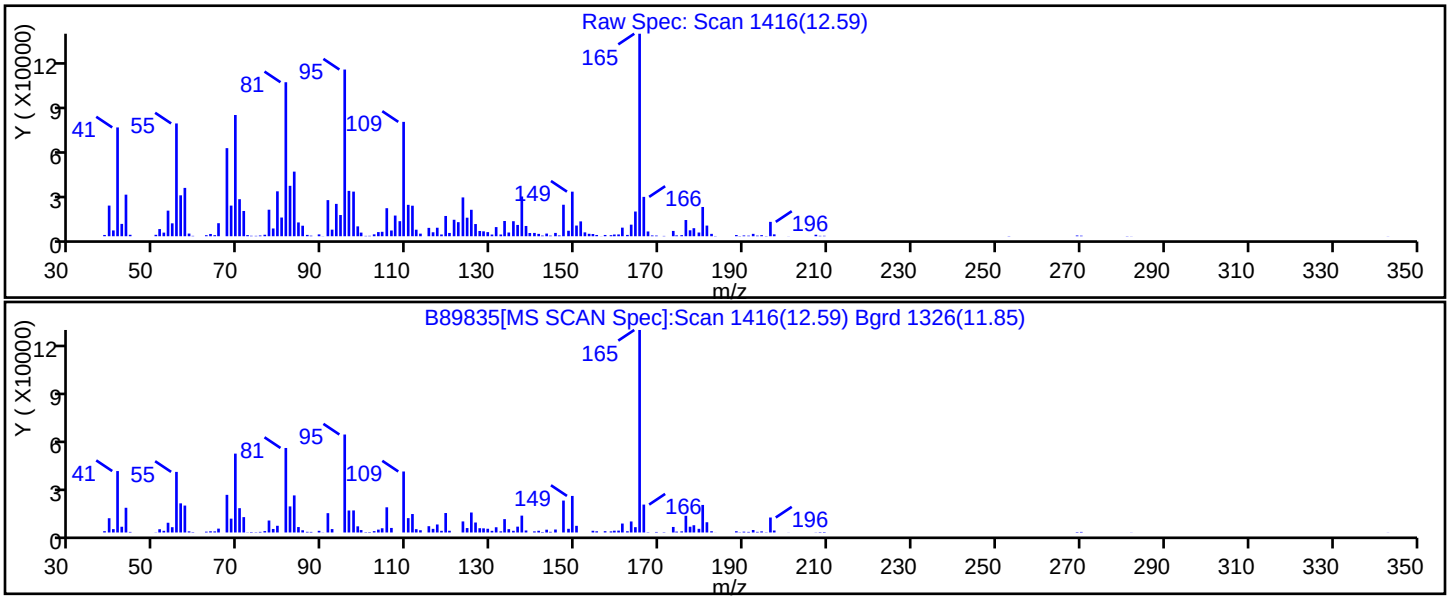
Report Date: 11-Nov-2015 11:39:37 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\B89835.D

Injection Date:	11-Nov-2015 06:50:30	Instrument ID:	CVOAMS2
Lims ID:	460-104194-A-21-A	Lab Sample ID:	460-104194-21
Client ID:	PMP-27_NW2_WT		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



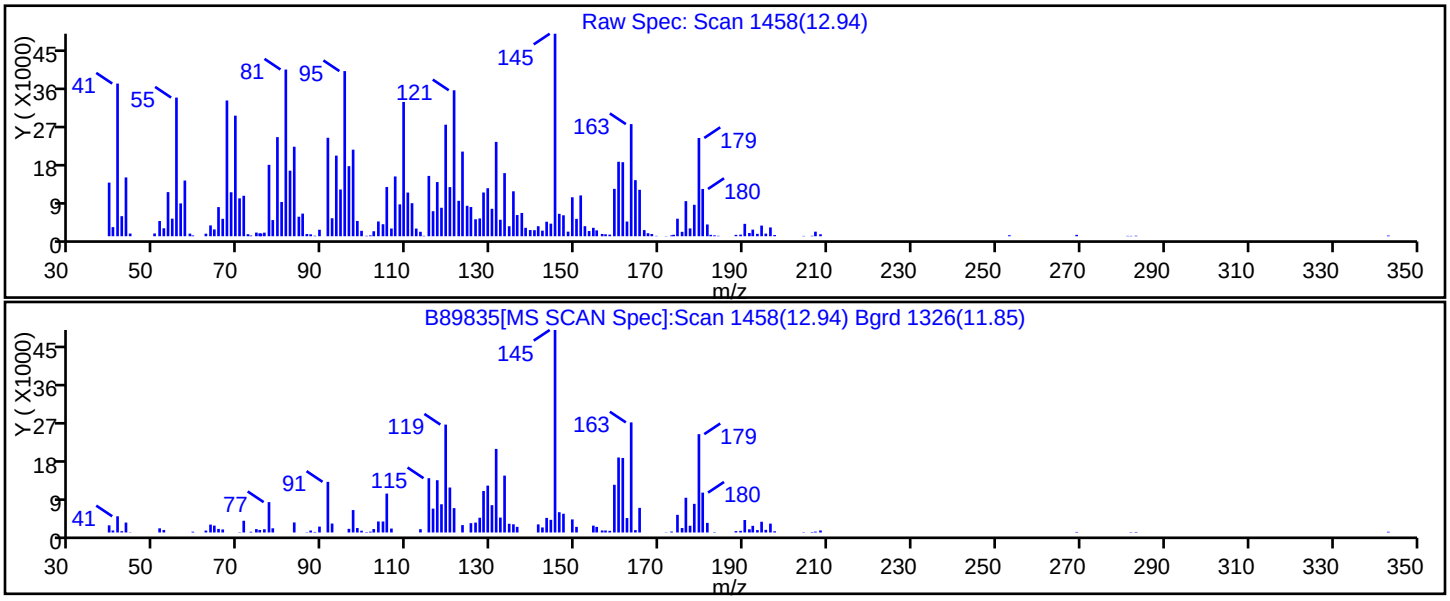
Report Date: 11-Nov-2015 11:39:37 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\B89835.D

Injection Date:	11-Nov-2015 06:50:30	Instrument ID:	CVOAMS2
Lims ID:	460-104194-A-21-A	Lab Sample ID:	460-104194-21
Client ID:	PMP-27_NW2_WT		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-28_NW2_WT | Lab Sample ID: 460-104194-22

Matrix: Solid | Lab File ID: D16351.D

Analysis Method: 8260C | Date Collected: 11/06/2015 09:35

Sample wt/vol: 5.453(g) | Date Analyzed: 11/10/2015 15:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 2.0 | Level: (low/med) Low

Analysis Batch No.: 334289 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.36	U	0.94	0.36
74-83-9	Bromomethane	0.30	U	0.94	0.30
75-01-4	Vinyl chloride	0.36	U	0.94	0.36
75-00-3	Chloroethane	0.33	U	0.94	0.33
75-09-2	Methylene Chloride	0.30	U	0.94	0.30
67-64-1	Acetone	28		4.7	0.99
75-15-0	Carbon disulfide	0.40	U	0.94	0.40
75-69-4	Trichlorofluoromethane	0.32	U	0.94	0.32
75-35-4	1,1-Dichloroethene	0.38	U	0.94	0.38
75-34-3	1,1-Dichloroethane	0.32	U	0.94	0.32
156-60-5	trans-1,2-Dichloroethene	0.36	U	0.94	0.36
156-59-2	cis-1,2-Dichloroethene	0.21	U	0.94	0.21
67-66-3	Chloroform	0.20	U	0.94	0.20
78-93-3	2-Butanone	0.72	U	4.7	0.72
107-06-2	1,2-Dichloroethane	0.10	U	0.94	0.10
71-55-6	1,1,1-Trichloroethane	0.36	U	0.94	0.36
56-23-5	Carbon tetrachloride	0.40	U	0.94	0.40
71-43-2	Benzene	0.19	U	0.94	0.19
75-25-2	Bromoform	0.12	U	0.94	0.12
100-42-5	Styrene	0.14	U	0.94	0.14
100-41-4	Ethylbenzene	0.17	U	0.94	0.17
108-90-7	Chlorobenzene	0.13	U	0.94	0.13
110-82-7	Cyclohexane	0.43	U	0.94	0.43
98-82-8	Isopropylbenzene	0.16	U	0.94	0.16
591-78-6	2-Hexanone	0.88	U	4.7	0.88
1634-04-4	MTBE	0.16	U	0.94	0.16
76-13-1	Freon TF	0.41	U	0.94	0.41
79-20-9	Methyl acetate	0.84	U	4.7	0.84
123-91-1	1,4-Dioxane	6.0	U	19	6.0
79-01-6	Trichloroethene	0.24	U	0.94	0.24
108-88-3	Toluene	0.18	U	0.94	0.18
10061-02-6	trans-1,3-Dichloropropene	0.094	U	0.94	0.094
108-10-1	4-Methyl-2-pentanone	2.1	U	4.7	2.1
10061-01-5	cis-1,3-Dichloropropene	0.14	U	0.94	0.14
95-50-1	1,2-Dichlorobenzene	0.13	U	0.94	0.13
541-73-1	1,3-Dichlorobenzene	0.11	U	0.94	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-28_NW2_WT | Lab Sample ID: 460-104194-22

Matrix: Solid | Lab File ID: D16351.D

Analysis Method: 8260C | Date Collected: 11/06/2015 09:35

Sample wt/vol: 5.453(g) | Date Analyzed: 11/10/2015 15:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 2.0 | Level: (low/med) Low

Analysis Batch No.: 334289 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.12	U	0.94	0.12
120-82-1	1,2,4-Trichlorobenzene	10		0.94	0.30
87-61-6	1,2,3-Trichlorobenzene	3.6		0.94	0.10
78-87-5	1,2-Dichloropropane	0.16	U	0.94	0.16
108-87-2	Methylcyclohexane	0.47	U	0.94	0.47
127-18-4	Tetrachloroethene	0.26	U	0.94	0.26
1330-20-7	Xylenes, Total	0.10	U	1.9	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	0.94	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	0.94	0.16
79-00-5	1,1,2-Trichloroethane	0.26	U	0.94	0.26
124-48-1	Dibromochloromethane	0.14	U	0.94	0.14
106-93-4	1,2-Dibromoethane	0.11	U	0.94	0.11
75-71-8	Dichlorodifluoromethane	0.30	U	0.94	0.30
74-97-5	Bromochloromethane	0.16	U	0.94	0.16
75-27-4	Bromodichloromethane	0.36	U	0.94	0.36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	132		78-135
2037-26-5	Toluene-d8 (Surr)	109		73-121
460-00-4	Bromofluorobenzene	110		67-126
1868-53-7	Dibromofluoromethane (Surr)	132		61-149

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-28_NW2_WT | Lab Sample ID: 460-104194-22

Matrix: Solid | Lab File ID: D16351.D

Analysis Method: 8260C | Date Collected: 11/06/2015 09:35

Sample wt/vol: 5.453(g) | Date Analyzed: 11/10/2015 15:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 2.0 | Level: (low/med) Low

Analysis Batch No.: 334289 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 409

CAS NO.	COMPOUND NAME	RT	RESULT	Q
26730-14-3	Tridecane, 7-methyl-	12.87	48	J N
	Unknown	13.17	29	J
	Unknown	13.38	51	J
3891-98-3	Dodecane, 2,6,10-trimethyl-	14.18	63	J N
629-59-4	Tetradecane	14.51	37	J N
	Unknown	14.57	31	J
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	15.03	44	J N
544-76-3	Hexadecane	15.59	48	J N
634-66-2	Benzene, 1,2,3,4-tetrachloro-	15.90	26	J N
	Unknown	16.13	32	J

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16351.D
Lims ID: 460-104194-C-22-A Lab Sample ID: 460-104194-22
Client ID: PMP-28_NW2_WT
Sample Type: Client
Inject. Date: 10-Nov-2015 15:31:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104194-C-22-A
Misc. Info.: 460-0034037-015
Operator ID: Instrument ID: CVOAMS4

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 10:34:03 Calib Date: 05-Nov-2015 02:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: boykink Date: 10-Nov-2015 19:55:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
18 Acetone	43	3.186	3.192	-0.006	87	33970	29.5	
* 27 TBA-d9 (IS)	65	3.638	3.644	-0.006	88	311886	1000.0	
* 38 2-Butanone-d5	46	4.942	4.942	0.000	96	272458	250.0	
$ 51 Dibromofluoromethane (Surr	113	5.515	5.521	-0.006	97	129076	66.0	
$ 56 1,2-Dichloroethane-d4 (Sur	102	5.948	5.948	0.000	96	28026	66.1	
* 62 Fluorobenzene	96	6.283	6.283	0.000	98	374997	50.0	
* 68 1,4-Dioxane-d8	96	7.119	7.112	0.007	31	18747	1000.0	
$ 79 Toluene-d8 (Surr)	98	8.027	8.027	0.000	99	463111	54.3	
* 90 Chlorobenzene-d5	117	9.326	9.325	0.001	87	354621	50.0	
$ 101 4-Bromofluorobenzene	174	10.252	10.252	0.000	93	166468	55.2	
* 117 1,4-Dichlorobenzene-d4	152	11.087	11.087	0.000	96	217389	50.0	
127 1,2,4-Trichlorobenzene	180	12.721	12.727	-0.006	94	70404	10.7	
130 1,2,3-Trichlorobenzene	180	13.276	13.276	0.000	86	24104	3.89	

Reagents:

8260SURR250_00098 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16351.D
Lims ID: 460-104194-C-22-A Lab Sample ID: 460-104194-22
Client ID: PMP-28_NW2_WT
Sample Type: Client
Inject. Date: 10-Nov-2015 15:31:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104194-C-22-A
Misc. Info.: 460-0034037-015
Operator ID: Instrument ID: CVOAMS4

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 10:34:03 Calib Date: 05-Nov-2015 02:31:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 85

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: boykink Date: 10-Nov-2015 19:55:32

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
26730-14-3 Tridecane, 7-methyl-								
12.874	1319003	51.2	117	87	55019	C14H30	198	
Unknown								
13.166	809045	31.4	117					
Unknown								
13.380	1399687	54.4	117					
3891-98-3 Dodecane, 2,6,10-trimethyl-								
14.184	1723996	66.9	117	90	64585	C15H32	212	
629-59-4 Tetradecane								
14.507	1016402	39.5	117	94	55009	C14H30	198	
Unknown								
14.574	846725	32.9	117					
80655-44-3 Decahydro-4,4,8,9,10-pentamethylnaphthal								
15.026	1208581	46.9	117	90	61716	C15H28	208	
544-76-3 Hexadecane								
15.593	1326823	51.5	117	87	73967	C16H34	226	
634-66-2 Benzene, 1,2,3,4-tetrachloro-								
15.904	728775	28.3	117	99	65866	C6H2Cl4	214	
Unknown								
16.129	873652	33.9	117					

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 117 1,4-Dichlorobenzene-d4	11.087	1287641	50.0

QC Flag Legend

Processing Flags

Reagents:

8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

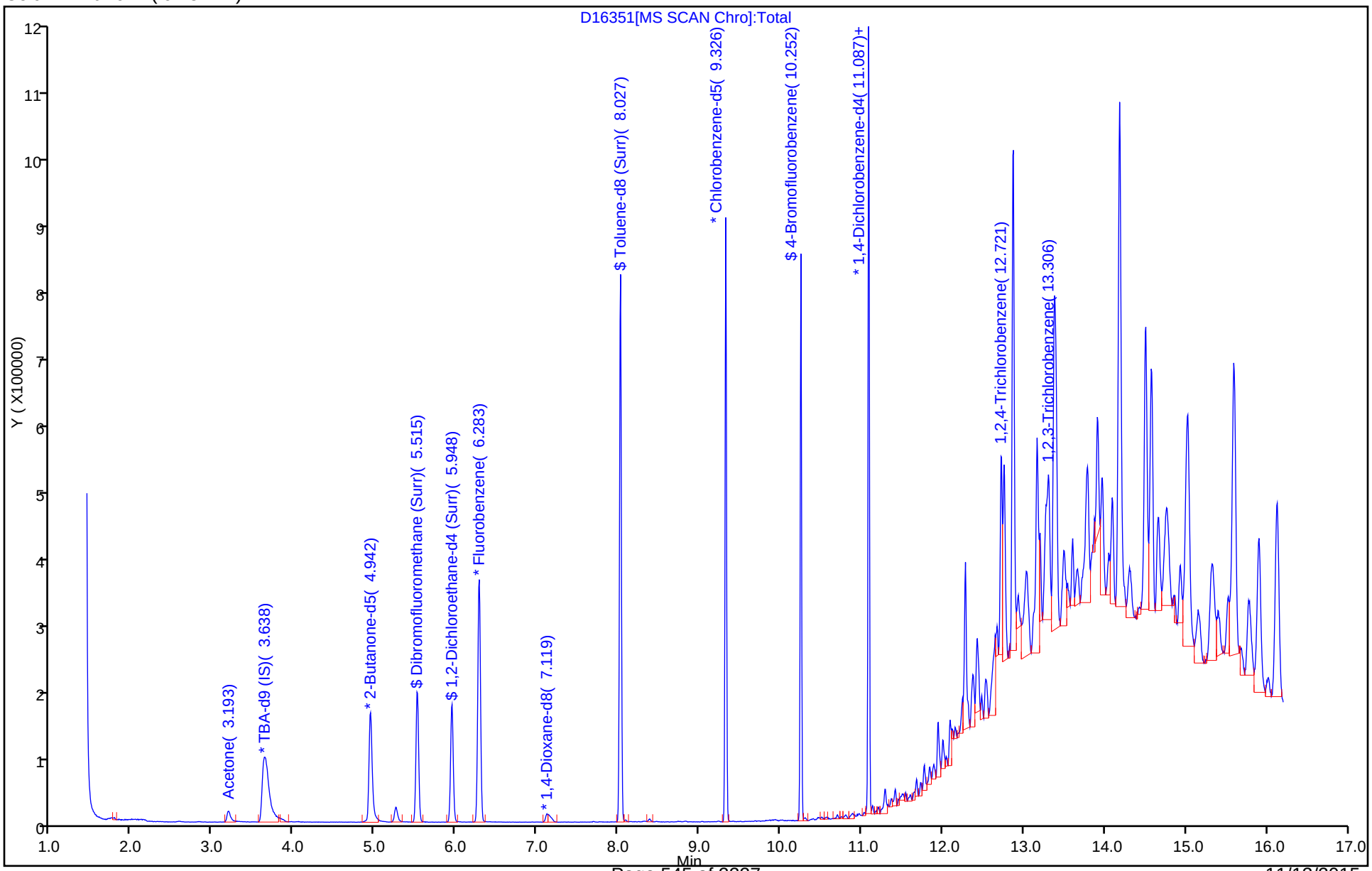
Report Date: 11-Nov-2015 10:34:44 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16351.D

Injection Date:	10-Nov-2015 15:31:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-104194-C-22-A	Lab Sample ID:	460-104194-22	Worklist Smp#:	15
Client ID:	PMP-28_NW2_WT				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

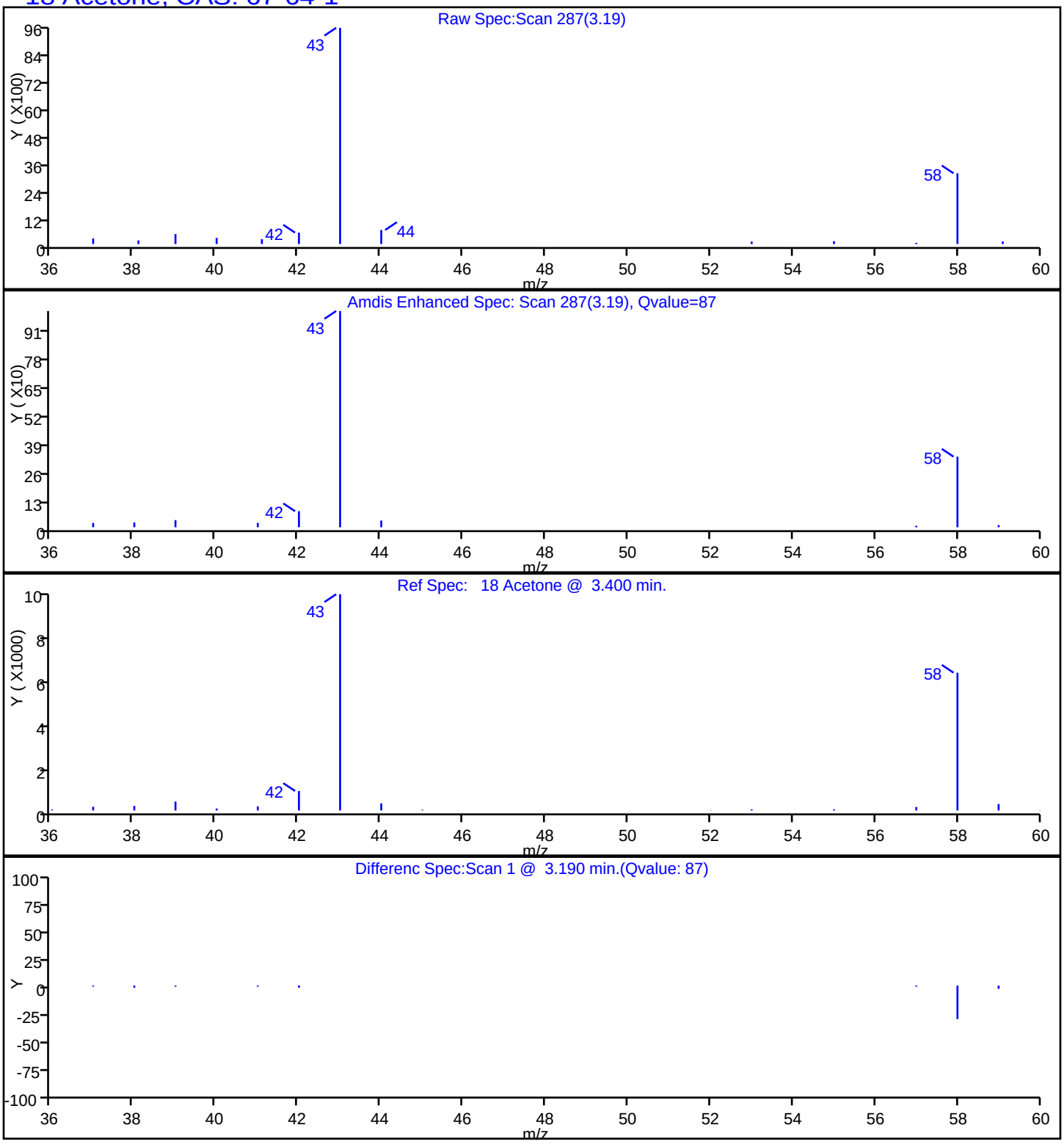
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16351.D
Injection Date: 10-Nov-2015 15:31:30 Instrument ID: CVOAMS4
Lims ID: 460-104194-C-22-A Lab Sample ID: 460-104194-22
Client ID: PMP-28_NW2_WT
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

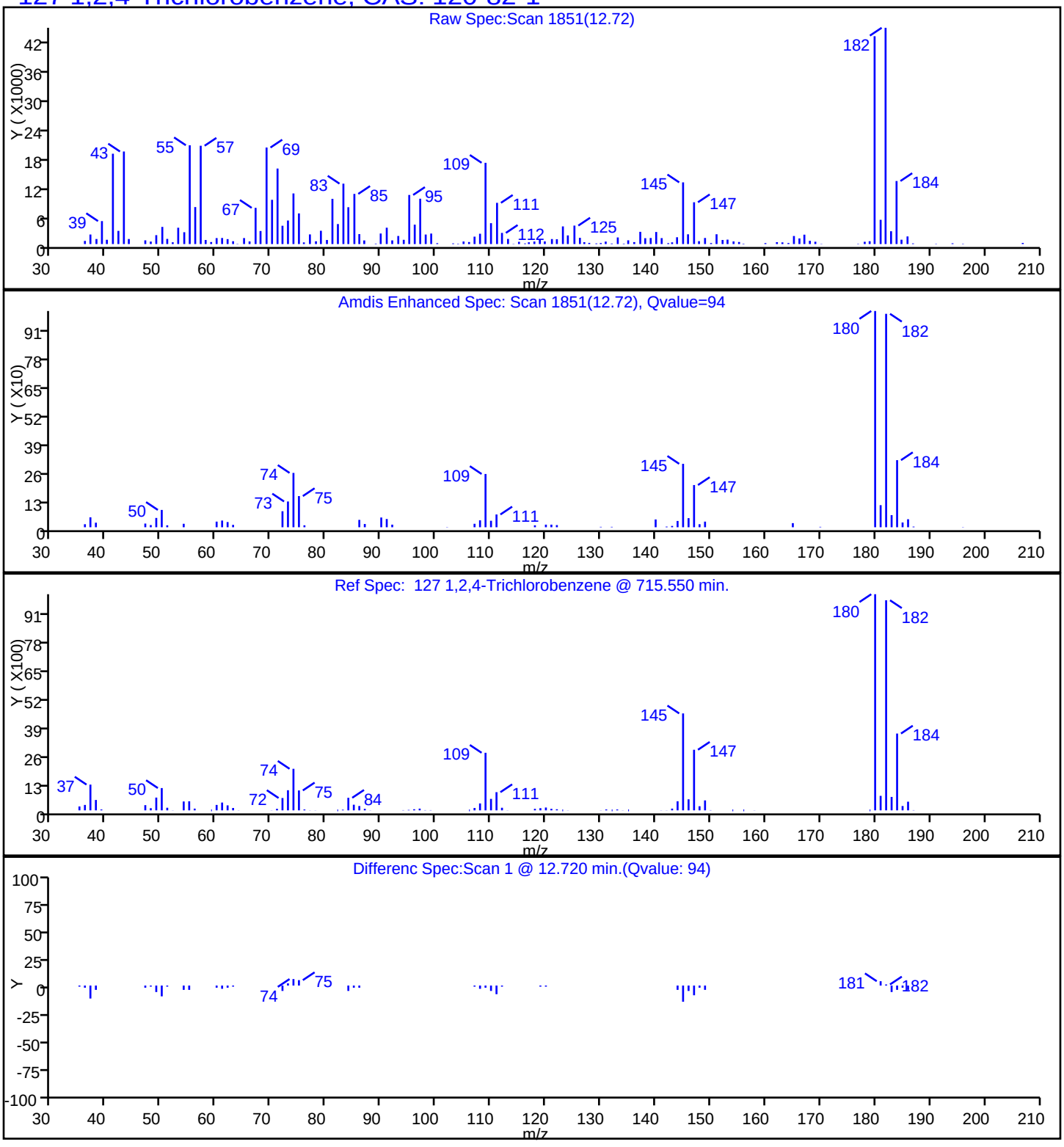
18 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16351.D		
Injection Date:	10-Nov-2015 15:31:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-C-22-A	Lab Sample ID:	460-104194-22
Client ID:	PMP-28_NW2_WT		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

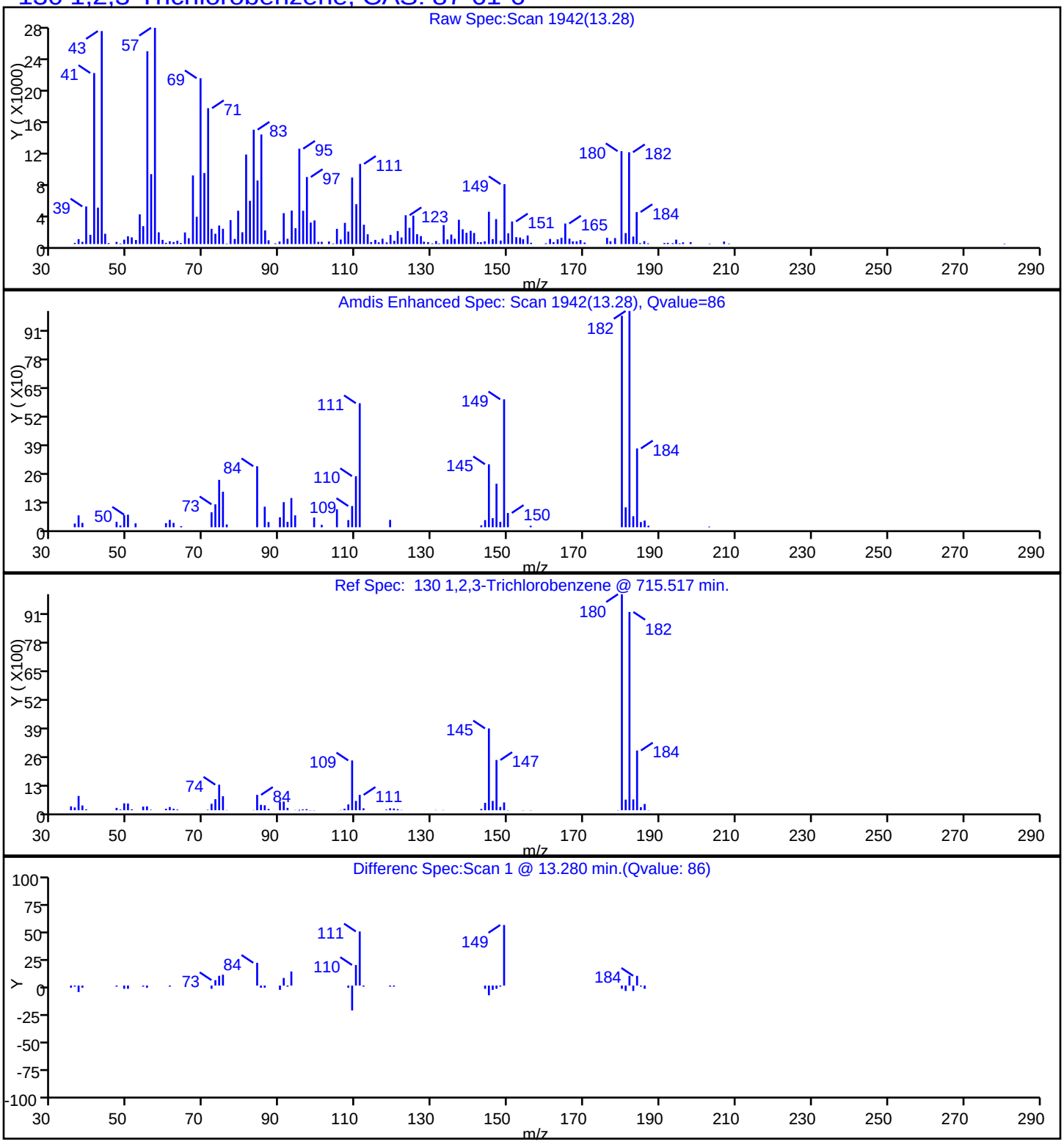
127 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16351.D				
Injection Date:	10-Nov-2015 15:31:30	Instrument ID:	CVOAMS4		
Lims ID:	460-104194-C-22-A	Lab Sample ID:	460-104194-22		
Client ID:	PMP-28_NW2_WT				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

130 1,2,3-Trichlorobenzene, CAS: 87-61-6



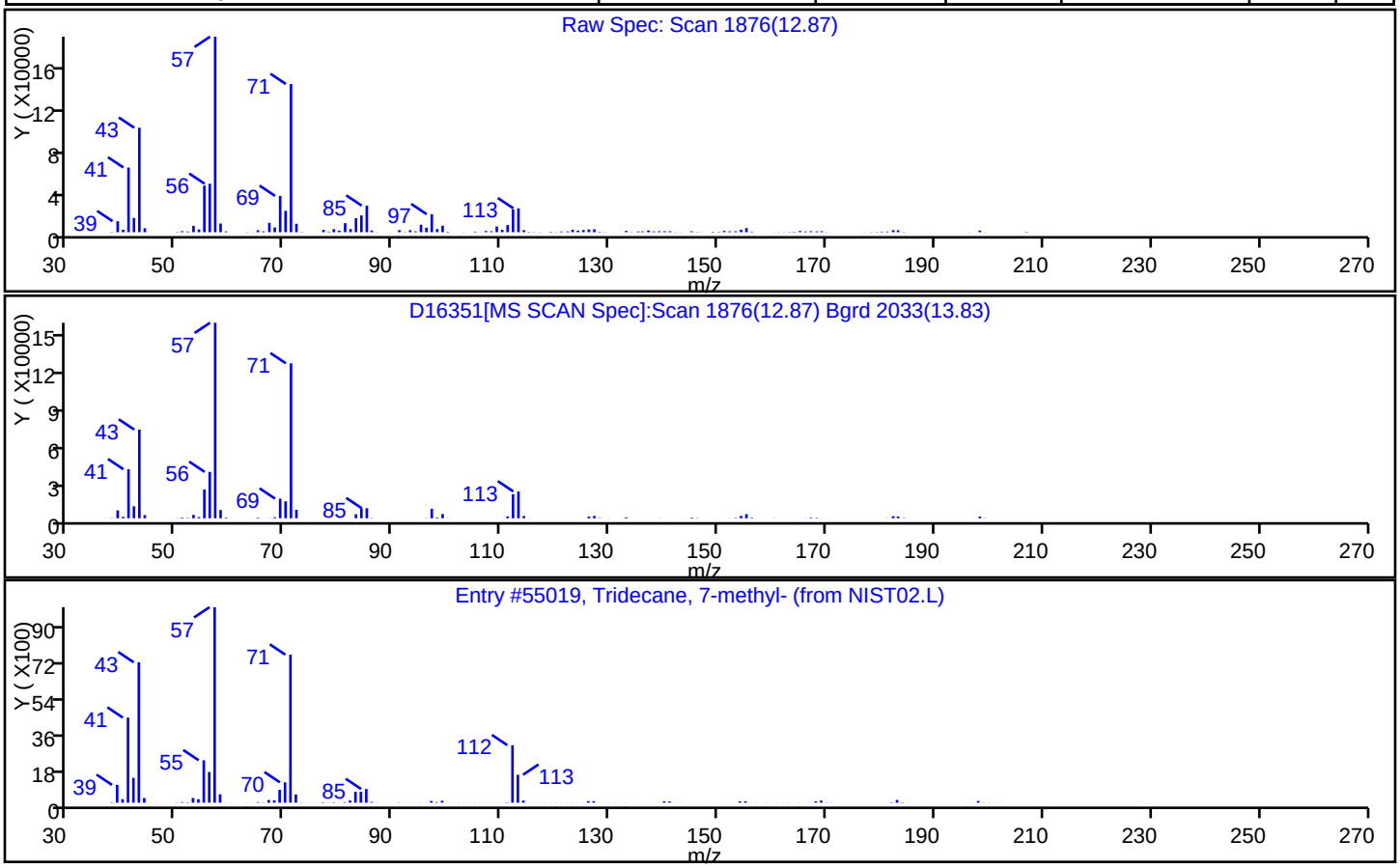
Report Date: 11-Nov-2015 10:34:44 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16351.D

Injection Date:	10-Nov-2015 15:31:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-C-22-A	Lab Sample ID:	460-104194-22
Client ID:	PMP-28_NW2_WT		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tridecane, 7-methyl-	26730-14-3	NIST02.L	55019	C14H30	198	87



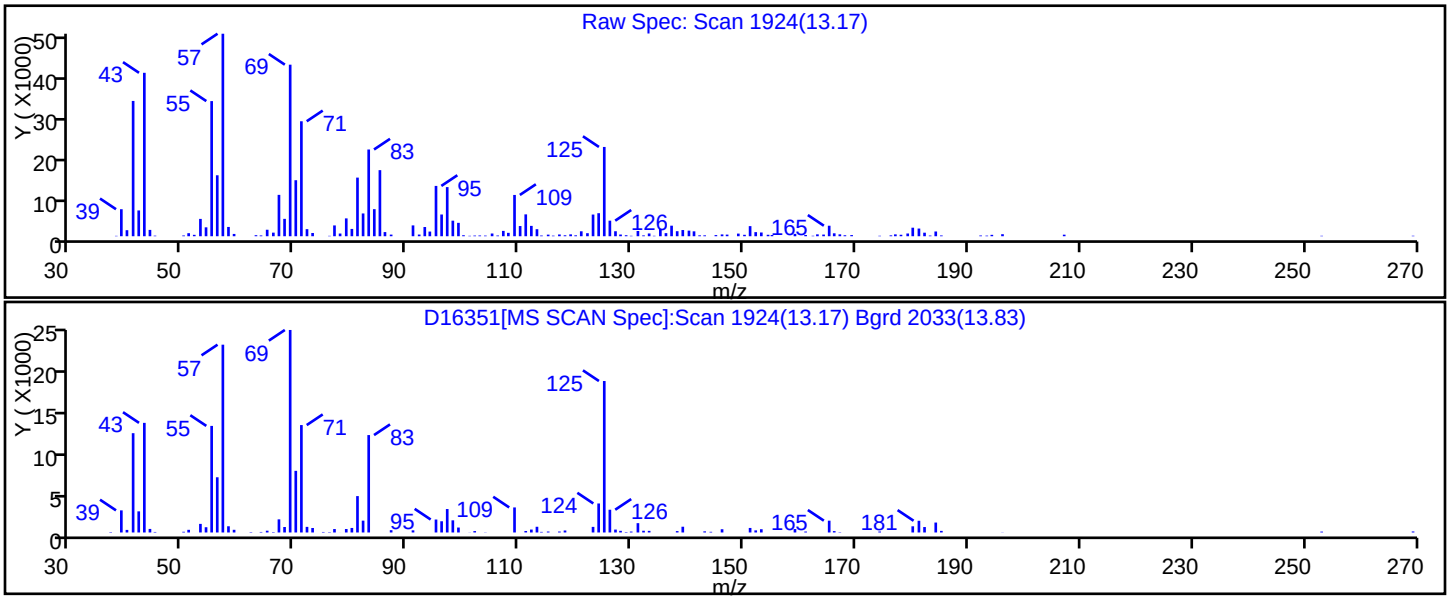
Report Date: 11-Nov-2015 10:34:44 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16351.D

Injection Date:	10-Nov-2015 15:31:30	Instrument ID:	CVOAMS4		
Lims ID:	460-104194-C-22-A	Lab Sample ID:	460-104194-22		
Client ID:	PMP-28_NW2_WT				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



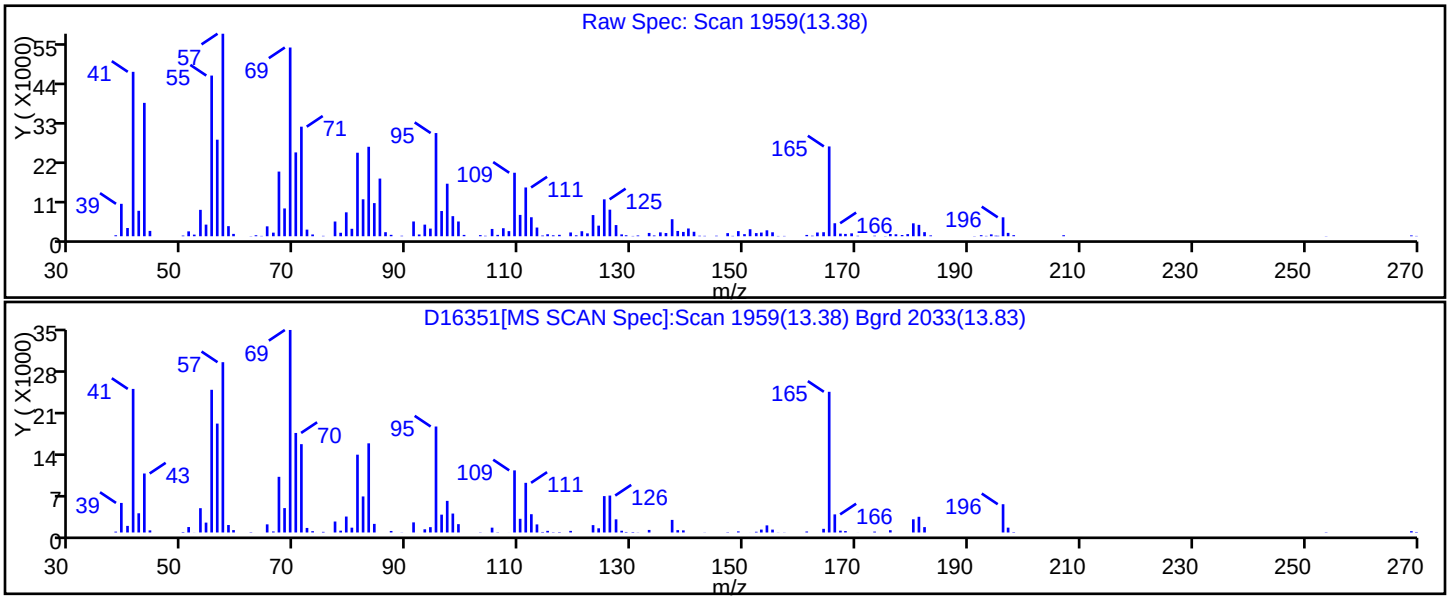
Report Date: 11-Nov-2015 10:34:44 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16351.D

Injection Date:	10-Nov-2015 15:31:30	Instrument ID:	CVOAMS4		
Lims ID:	460-104194-C-22-A	Lab Sample ID:	460-104194-22		
Client ID:	PMP-28_NW2_WT				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

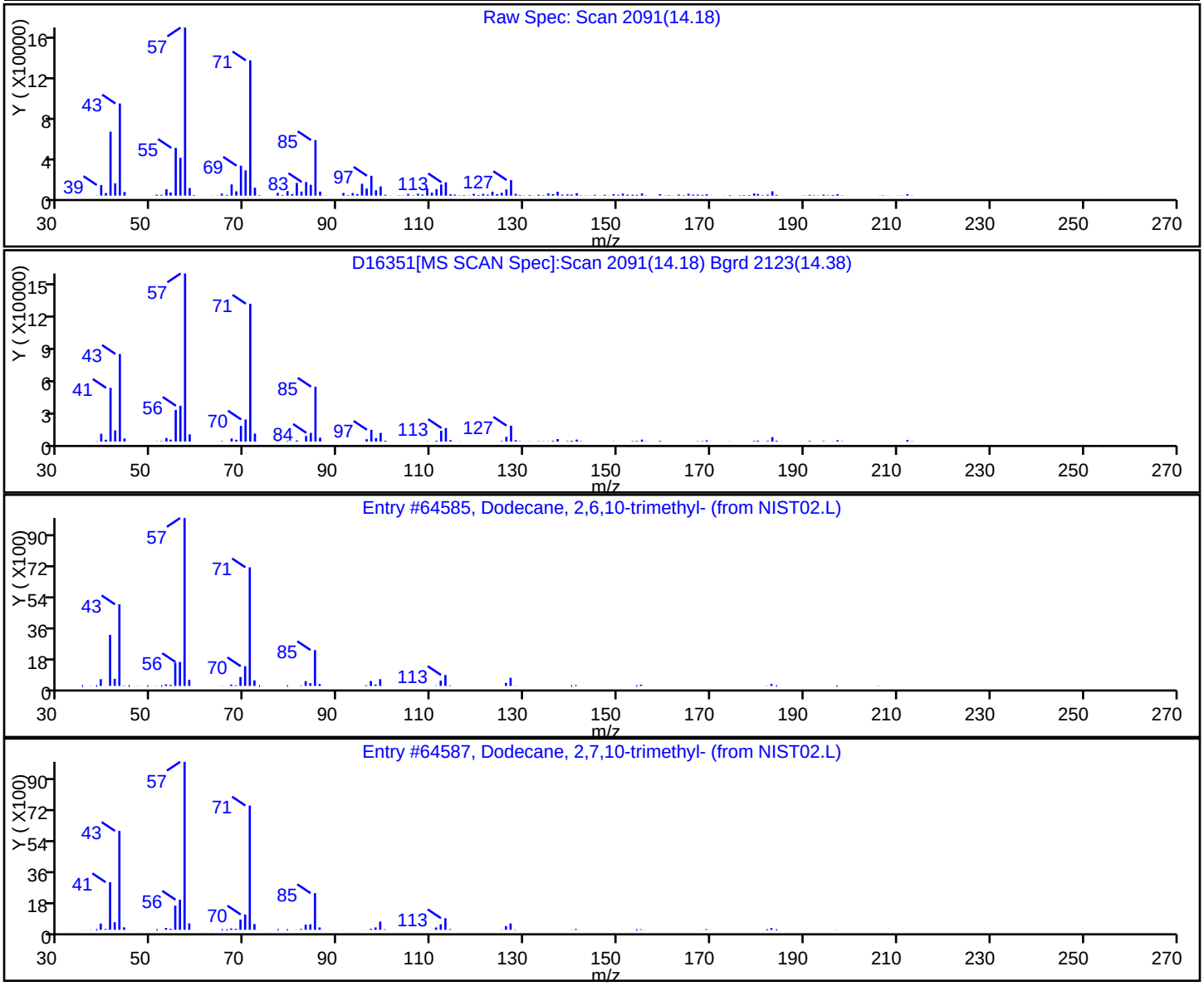
No Library Matches Found above the Threshold: 85



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16351.D
Injection Date: 10-Nov-2015 15:31:30 Instrument ID: CVOAMS4
Lims ID: 460-104194-C-22-A Lab Sample ID: 460-104194-22
Client ID: PMP-28_NW2_WT
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64585	C15H32	212	90
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	90



Report Date: 11-Nov-2015 10:34:44 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16351.D

Injection Date: 10-Nov-2015 15:31:30 Instrument ID: CVOAMS4

Lims ID: 460-104194-C-22-A Lab Sample ID: 460-104194-22

Client ID: PMP-28_NW2_WT

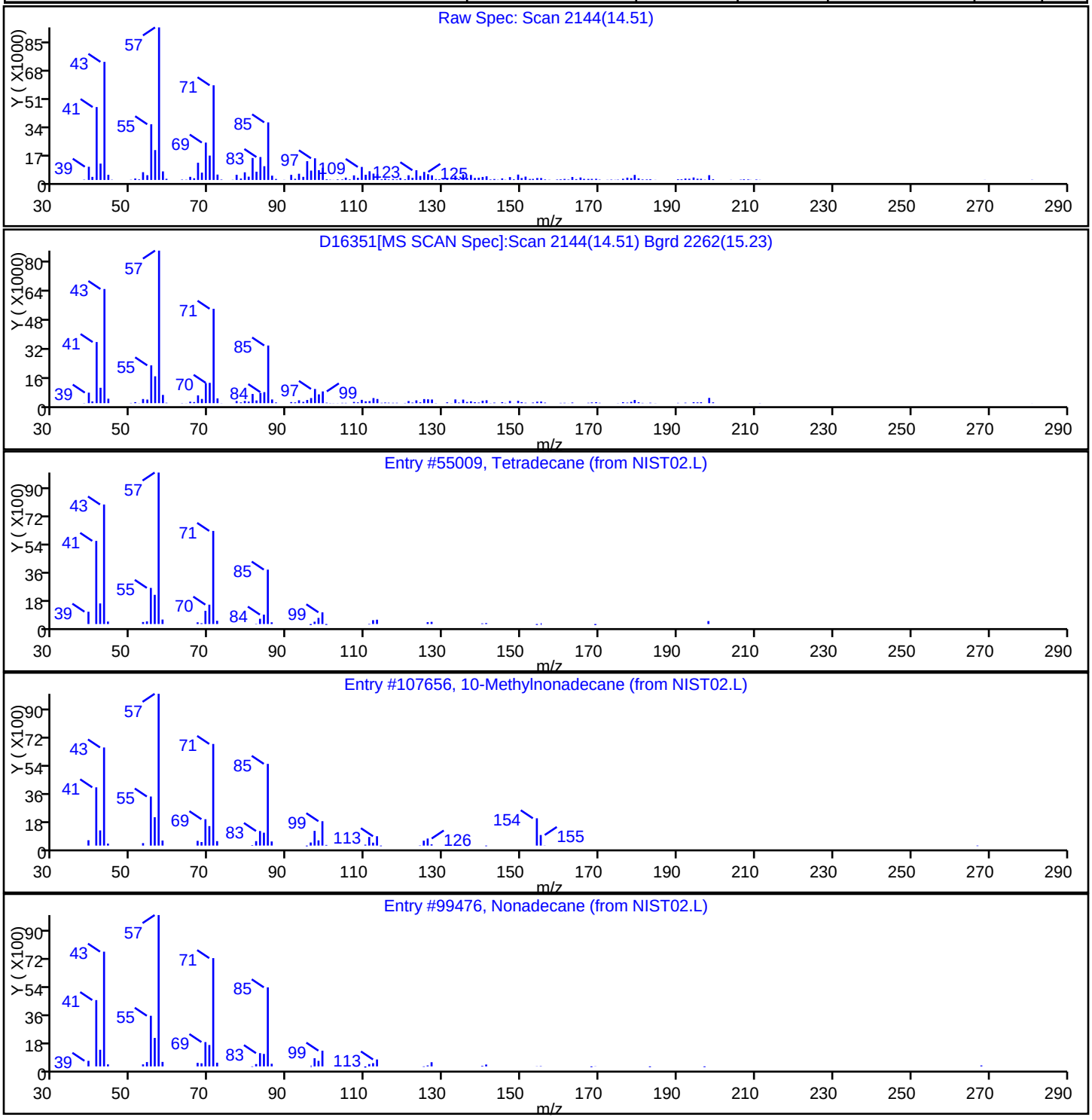
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tetradecane	629-59-4	NIST02.L	55009	C14H30	198	94
10-Methylnonadecane	56862-62-5	NIST02.L	107656	C20H42	282	90
Nonadecane	629-92-5	NIST02.L	99476	C19H40	268	87



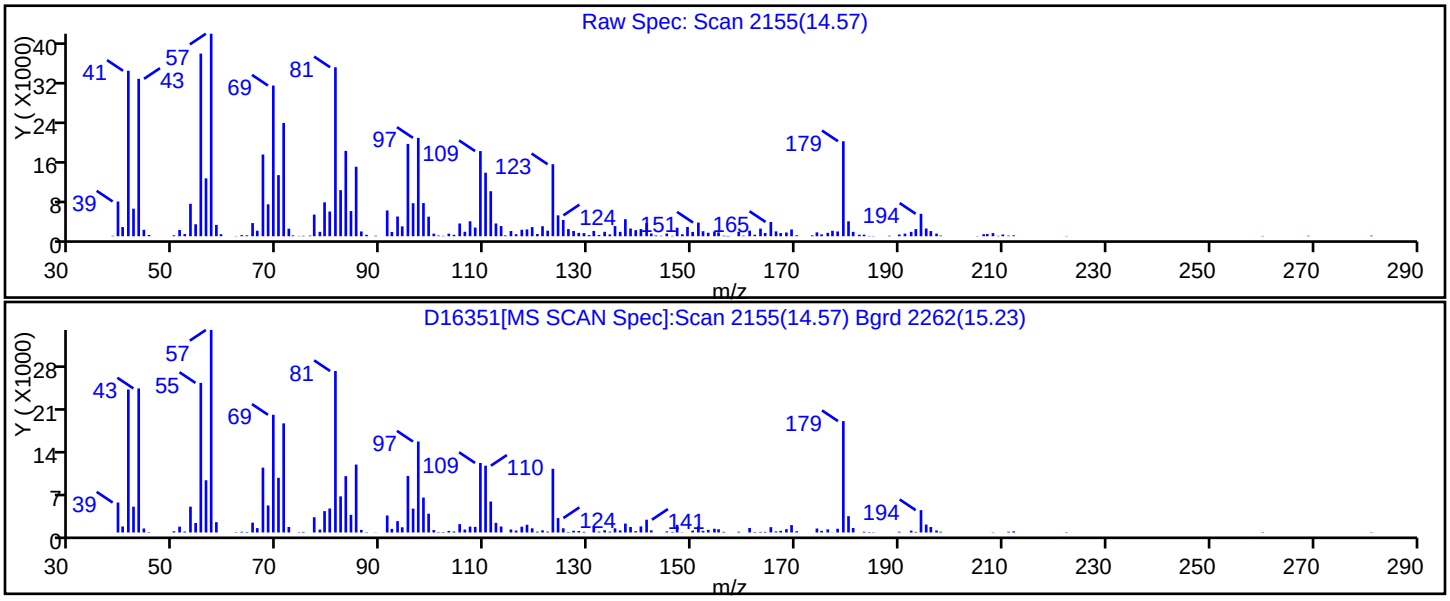
Report Date: 11-Nov-2015 10:34:45 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16351.D

Injection Date:	10-Nov-2015 15:31:30	Instrument ID:	CVOAMS4		
Lims ID:	460-104194-C-22-A	Lab Sample ID:	460-104194-22		
Client ID:	PMP-28_NW2_WT				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



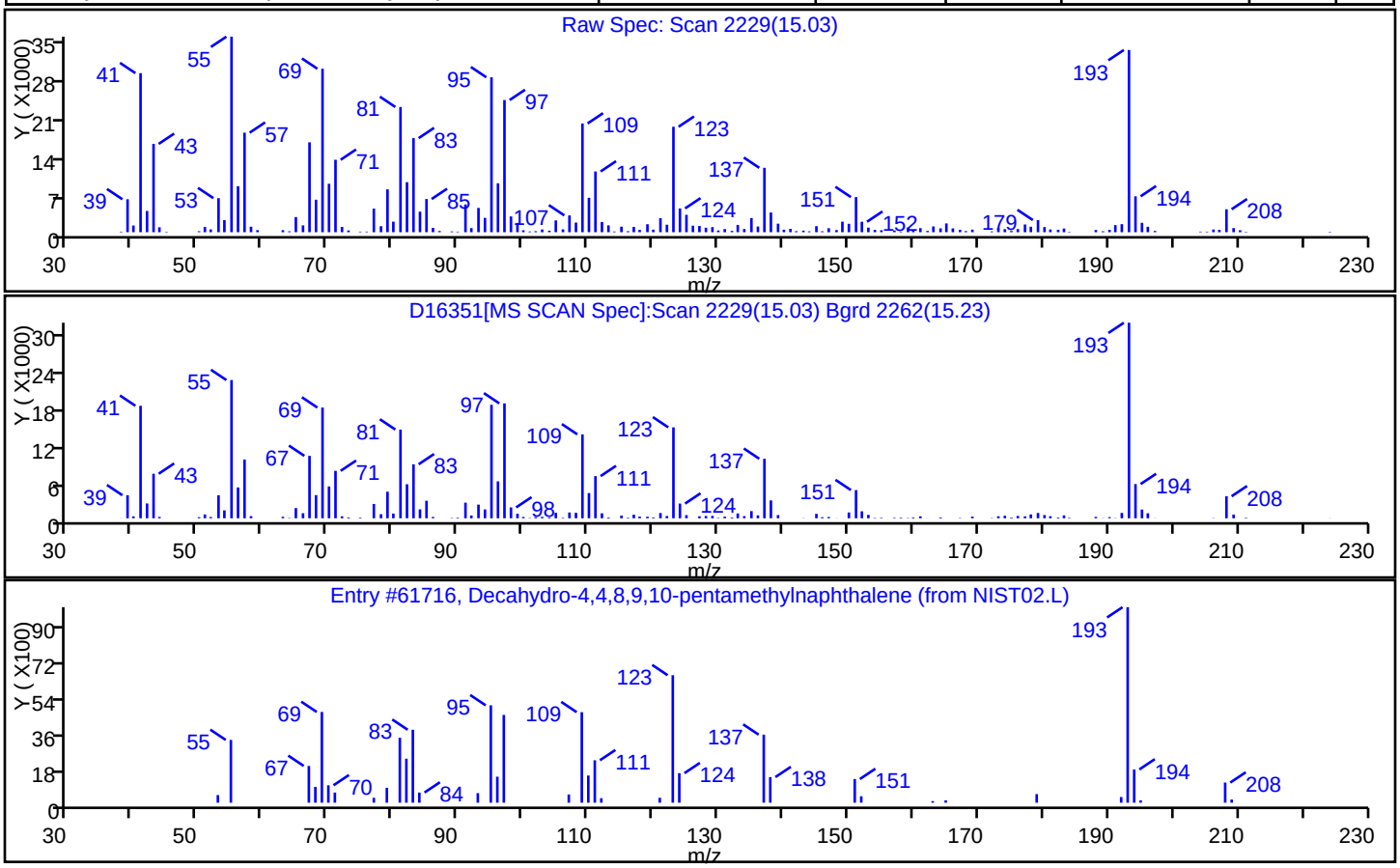
Report Date: 11-Nov-2015 10:34:45 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16351.D

Injection Date:	10-Nov-2015 15:31:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-C-22-A	Lab Sample ID:	460-104194-22
Client ID:	PMP-28_NW2_WT		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	C15H28	208	90



Report Date: 11-Nov-2015 10:34:45 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16351.D

Injection Date: 10-Nov-2015 15:31:30 Instrument ID: CVOAMS4

Lims ID: 460-104194-C-22-A Lab Sample ID: 460-104194-22

Client ID: PMP-28_NW2_WT

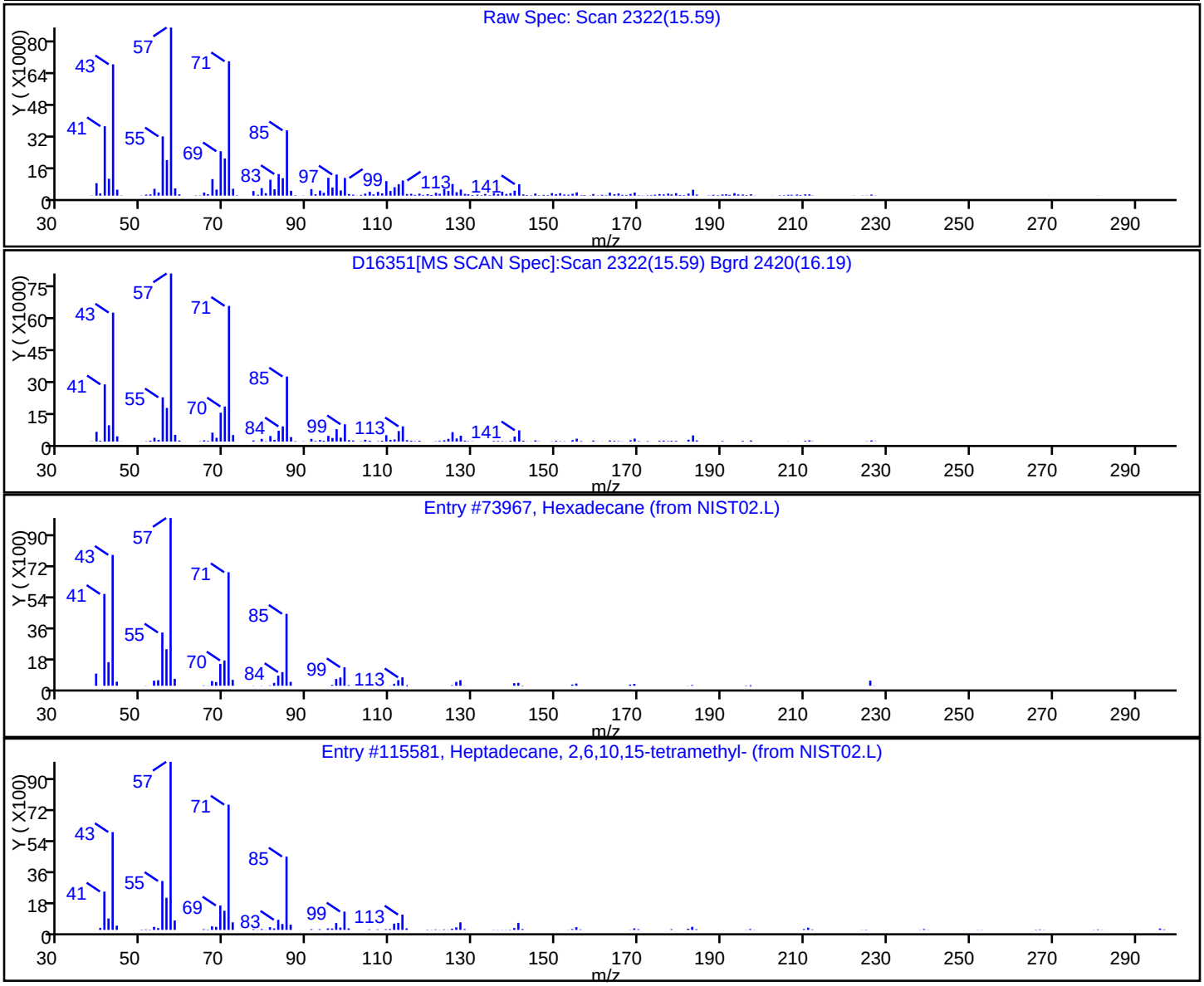
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

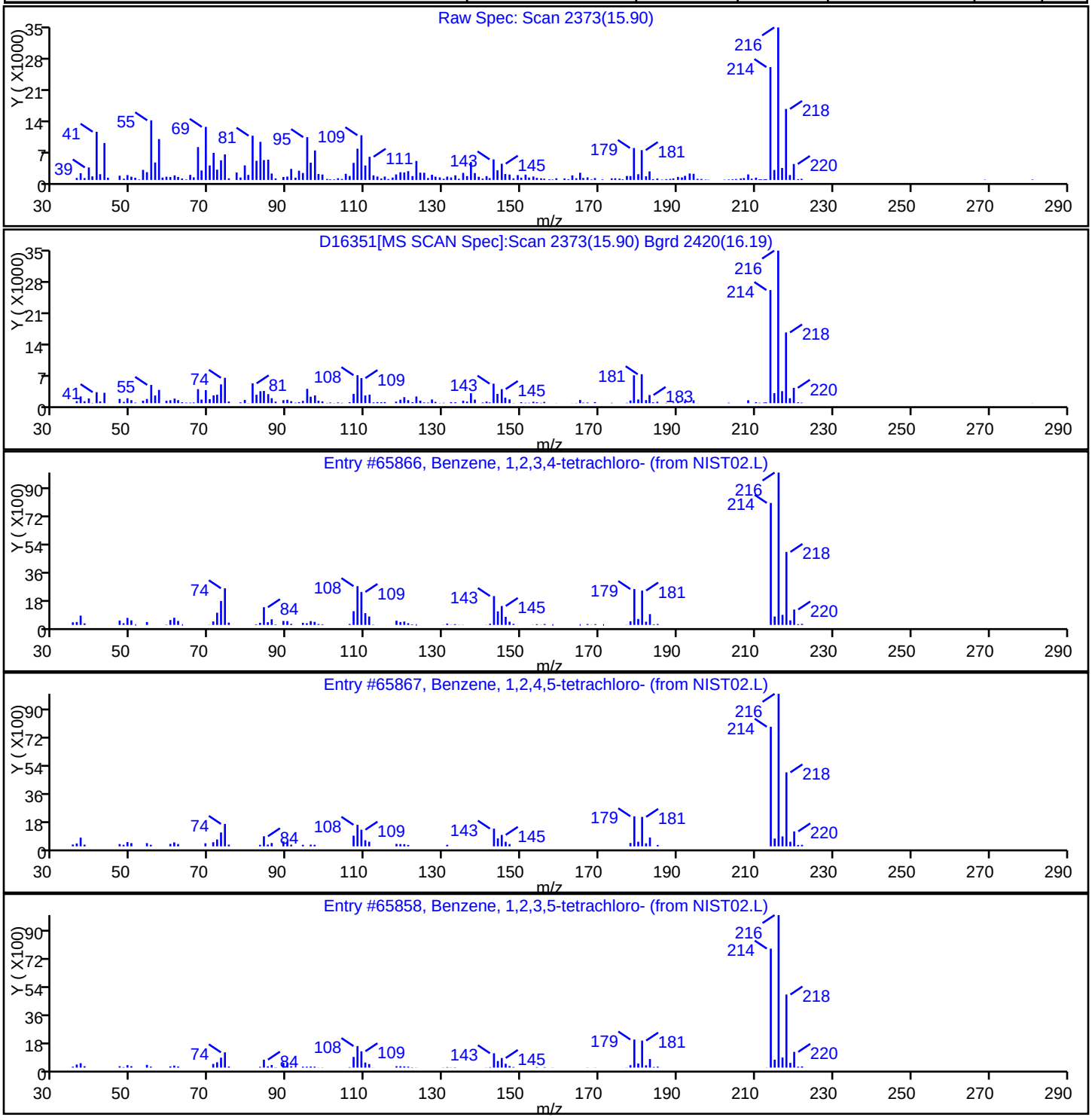
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane	544-76-3	NIST02.L	73967	C16H34	226	87
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST02.L	115581	C21H44	296	86



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16351.D
Injection Date: 10-Nov-2015 15:31:30 Instrument ID: CVOAMS4
Lims ID: 460-104194-C-22-A Lab Sample ID: 460-104194-22
Client ID: PMP-28_NW2_WT
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,3,4-tetrachloro-	634-66-2	NIST02.L	65866	C6H2Cl4	214	99
Benzene, 1,2,4,5-tetrachloro-	95-94-3	NIST02.L	65867	C6H2Cl4	214	99
Benzene, 1,2,3,5-tetrachloro-	634-90-2	NIST02.L	65858	C6H2Cl4	214	99



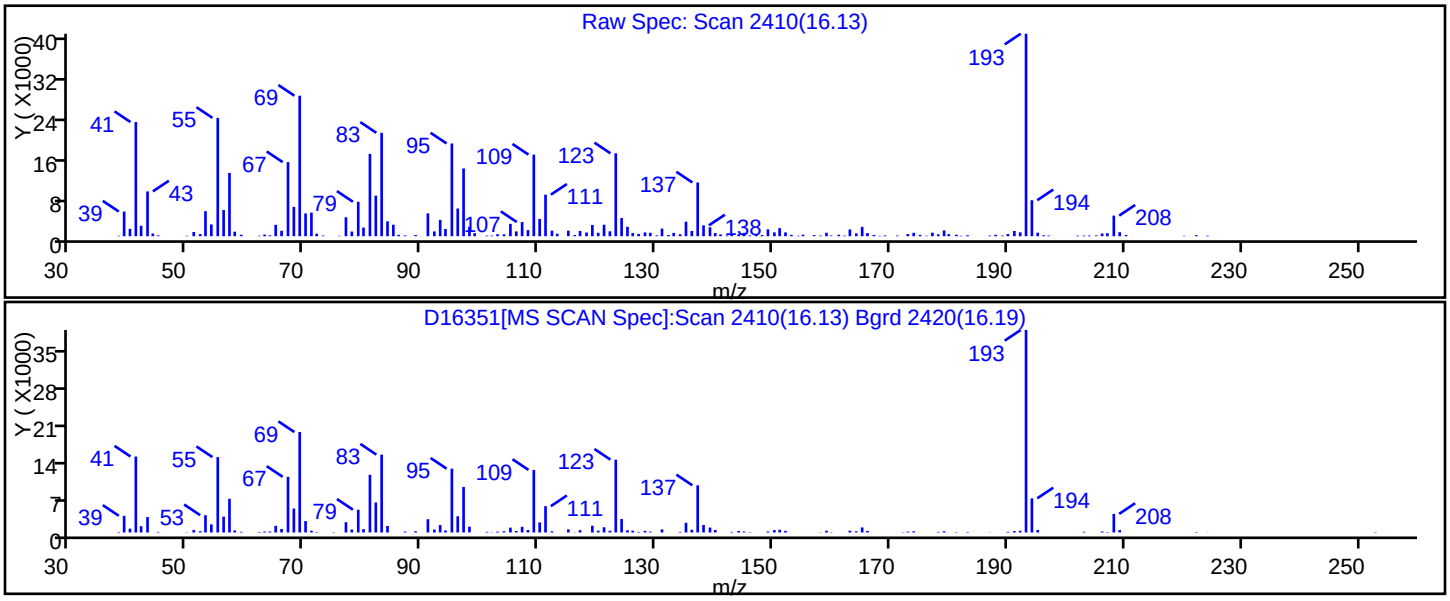
Report Date: 11-Nov-2015 10:34:45 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16351.D

Injection Date:	10-Nov-2015 15:31:30	Instrument ID:	CVOAMS4		
Lims ID:	460-104194-C-22-A	Lab Sample ID:	460-104194-22		
Client ID:	PMP-28_NW2_WT				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: FB-20151106 | Lab Sample ID: 460-104194-23

Matrix: Water | Lab File ID: C05511.D

Analysis Method: 8260C | Date Collected: 11/06/2015 13:50

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 23:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334455 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.22	U	1.0	0.22
74-83-9	Bromomethane	0.18	U	1.0	0.18
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
75-00-3	Chloroethane	0.37	U	1.0	0.37
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	0.18	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
67-66-3	Chloroform	0.22	U	1.0	0.22
78-93-3	2-Butanone	2.2	U	5.0	2.2
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
71-43-2	Benzene	0.090	U	1.0	0.090
75-25-2	Bromoform	0.18	U	1.0	0.18
100-42-5	Styrene	0.17	U	1.0	0.17
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
110-82-7	Cyclohexane	0.26	U	1.0	0.26
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
76-13-1	Freon TF	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.58	U	5.0	0.58
123-91-1	1,4-Dioxane	8.7	U	50	8.7
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
95-50-1	1,2-Dichlorobenzene	0.22	U	1.0	0.22
541-73-1	1,3-Dichlorobenzene	0.33	U	1.0	0.33

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: FB-20151106 | Lab Sample ID: 460-104194-23

Matrix: Water | Lab File ID: C05511.D

Analysis Method: 8260C | Date Collected: 11/06/2015 13:50

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 23:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334455 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
120-82-1	1,2,4-Trichlorobenzene	0.27	U	1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	0.35	U	1.0	0.35
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
74-97-5	Bromochloromethane	0.30	U	1.0	0.30
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		70-137
2037-26-5	Toluene-d8 (Surr)	80		74-120
460-00-4	Bromofluorobenzene	95		70-131
1868-53-7	Dibromofluoromethane (Surr)	98		72-136

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: FB-20151106 Lab Sample ID: 460-104194-23

Matrix: Water Lab File ID: C05511.D

Analysis Method: 8260C Date Collected: 11/06/2015 13:50

Sample wt/vol: 5(mL) Date Analyzed: 11/10/2015 23:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 334455 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS3\20151110-34067.b\C05511.D
Lims ID: 460-104194-B-23 Lab Sample ID: 460-104194-23
Client ID: FB-20151106
Sample Type: Client
Inject. Date: 10-Nov-2015 23:03:30 ALS Bottle#: 4 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104194-B-23
Misc. Info.: 460-0034067-008
Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3

Method: \\ChromNA\Edison\ChromData\CVOAMS3\20151110-34067.b\8260W_3.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 08:08:10 Calib Date: 29-Oct-2015 13:14:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\C05033.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK027

First Level Reviewer: starzecm Date: 11-Nov-2015 00:01:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.225	3.225	0.000	85	380683	1000.0	
* 38 2-Butanone-d5	46	4.419	4.419	0.000	98	304533	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.955	4.955	0.000	92	112535	48.8	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.356	5.363	-0.007	89	104548	43.7	
* 61 Fluorobenzene	96	5.670	5.671	0.000	100	409196	50.0	
* 67 1,4-Dioxane-d8	96	6.450	6.450	0.000	97	47861	1000.0	
$ 78 Toluene-d8 (Surr)	98	7.351	7.351	0.000	99	446421	40.2	
* 89 Chlorobenzene-d5	117	8.645	8.645	0.000	81	395674	50.0	
$ 100 4-Bromofluorobenzene	174	9.582	9.582	0.000	96	202681	47.4	
* 116 1,4-Dichlorobenzene-d4	152	10.432	10.425	0.007	92	225234	50.0	

Reagents:

8260ISSUR50_00019 Amount Added: 5.00 Units: uL Run Reagent

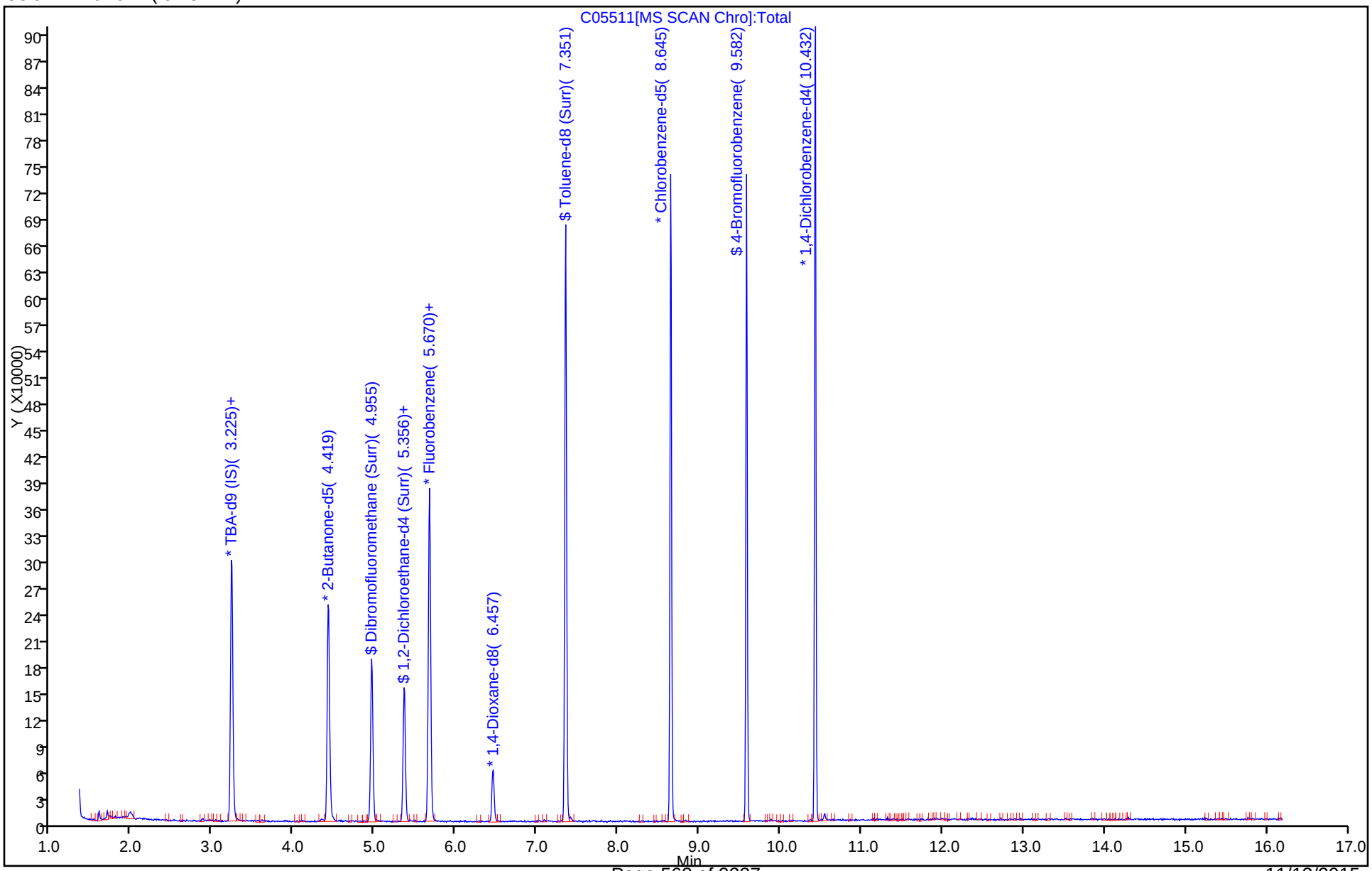
Report Date: 11-Nov-2015 08:08:15 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS3\20151110-34067.b\C05511.D

Injection Date:	10-Nov-2015 23:03:30	Instrument ID:	CVOAMS3	Operator ID:	VOA GC/MS3
Lims ID:	460-104194-B-23	Lab Sample ID:	460-104194-23	Worklist Smp#:	8
Client ID:	FB-20151106				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260W_3	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-104194-24

Matrix: Solid | Lab File ID: D16348.D

Analysis Method: 8260C | Date Collected: 11/06/2015 00:00

Sample wt/vol: 5(g) | Date Analyzed: 11/10/2015 14:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334289 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.38	U	1.0	0.38
74-83-9	Bromomethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.39	U	1.0	0.39
75-00-3	Chloroethane	0.35	U	1.0	0.35
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
67-64-1	Acetone	14		5.0	1.1
75-15-0	Carbon disulfide	0.43	U	1.0	0.43
75-69-4	Trichlorofluoromethane	0.34	U	1.0	0.34
75-35-4	1,1-Dichloroethene	0.41	U	1.0	0.41
75-34-3	1,1-Dichloroethane	0.34	U	1.0	0.34
156-60-5	trans-1,2-Dichloroethene	0.39	U	1.0	0.39
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
67-66-3	Chloroform	0.21	U	1.0	0.21
78-93-3	2-Butanone	0.77	U	5.0	0.77
107-06-2	1,2-Dichloroethane	0.11	U	1.0	0.11
71-55-6	1,1,1-Trichloroethane	0.38	U	1.0	0.38
56-23-5	Carbon tetrachloride	0.43	U	1.0	0.43
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.13	U	1.0	0.13
100-42-5	Styrene	0.15	U	1.0	0.15
100-41-4	Ethylbenzene	0.18	U	1.0	0.18
108-90-7	Chlorobenzene	0.14	U	1.0	0.14
110-82-7	Cyclohexane	0.46	U	1.0	0.46
98-82-8	Isopropylbenzene	0.17	U	1.0	0.17
591-78-6	2-Hexanone	0.94	U	5.0	0.94
1634-04-4	MTBE	0.17	U	1.0	0.17
76-13-1	Freon TF	0.44	U	1.0	0.44
79-20-9	Methyl acetate	0.90	U	5.0	0.90
123-91-1	1,4-Dioxane	6.4	U	20	6.4
79-01-6	Trichloroethene	0.26	U	1.0	0.26
108-88-3	Toluene	0.19	U	1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	2.2	U	5.0	2.2
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	0.14	U	1.0	0.14
541-73-1	1,3-Dichlorobenzene	0.12	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-104194-24

Matrix: Solid | Lab File ID: D16348.D

Analysis Method: 8260C | Date Collected: 11/06/2015 00:00

Sample wt/vol: 5(g) | Date Analyzed: 11/10/2015 14:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334289 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.13	U	1.0	0.13
120-82-1	1,2,4-Trichlorobenzene	0.32	U	1.0	0.32
87-61-6	1,2,3-Trichlorobenzene	0.11	U	1.0	0.11
78-87-5	1,2-Dichloropropane	0.17	U	1.0	0.17
108-87-2	Methylcyclohexane	0.50	U	1.0	0.50
127-18-4	Tetrachloroethene	0.28	U	1.0	0.28
1330-20-7	Xylenes, Total	0.11	U	2.0	0.11
96-12-8	1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47
79-34-5	1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17
79-00-5	1,1,2-Trichloroethane	0.28	U	1.0	0.28
124-48-1	Dibromochloromethane	0.15	U	1.0	0.15
106-93-4	1,2-Dibromoethane	0.12	U	1.0	0.12
75-71-8	Dichlorodifluoromethane	0.32	U	1.0	0.32
74-97-5	Bromochloromethane	0.17	U	1.0	0.17
75-27-4	Bromodichloromethane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	134		78-135
2037-26-5	Toluene-d8 (Surr)	120		73-121
460-00-4	Bromofluorobenzene	123		67-126
1868-53-7	Dibromofluoromethane (Surr)	135		61-149

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: Trip Blank Lab Sample ID: 460-104194-24

Matrix: Solid Lab File ID: D16348.D

Analysis Method: 8260C Date Collected: 11/06/2015 00:00

Sample wt/vol: 5(g) Date Analyzed: 11/10/2015 14:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 334289 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16348.D
Lims ID: 460-104194-C-24-A Lab Sample ID: 460-104194-24
Client ID: Trip Blank
Sample Type: Client
Inject. Date: 10-Nov-2015 14:17:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104194-C-24-A
Misc. Info.: 460-0034037-012
Operator ID: Instrument ID: CVOAMS4

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Nov-2015 14:35:51 Calib Date: 05-Nov-2015 02:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK006

First Level Reviewer: delpolitov Date: 10-Nov-2015 14:35:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
18 Acetone	43	3.205	3.192	0.013	86	15291	14.2	
* 27 TBA-d9 (IS)	65	3.644	3.644	0.000	88	253073	1000.0	
* 38 2-Butanone-d5	46	4.948	4.942	0.006	96	230019	250.0	
$ 51 Dibromofluoromethane (Surr	113	5.521	5.521	0.000	97	132922	67.3	
$ 56 1,2-Dichloroethane-d4 (Sur	102	5.948	5.948	0.000	97	28660	66.9	
* 62 Fluorobenzene	96	6.289	6.283	0.006	98	378649	50.0	
* 68 1,4-Dioxane-d8	96	7.131	7.112	0.019	33	15814	1000.0	
$ 79 Toluene-d8 (Surr)	98	8.027	8.027	0.000	99	488958	60.0	
* 90 Chlorobenzene-d5	117	9.325	9.325	0.000	87	338662	50.0	
$ 101 4-Bromofluorobenzene	174	10.252	10.252	0.000	93	171978	61.7	
* 117 1,4-Dichlorobenzene-d4	152	11.087	11.087	0.000	95	200857	50.0	

Reagents:

8260SURR250_00098 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

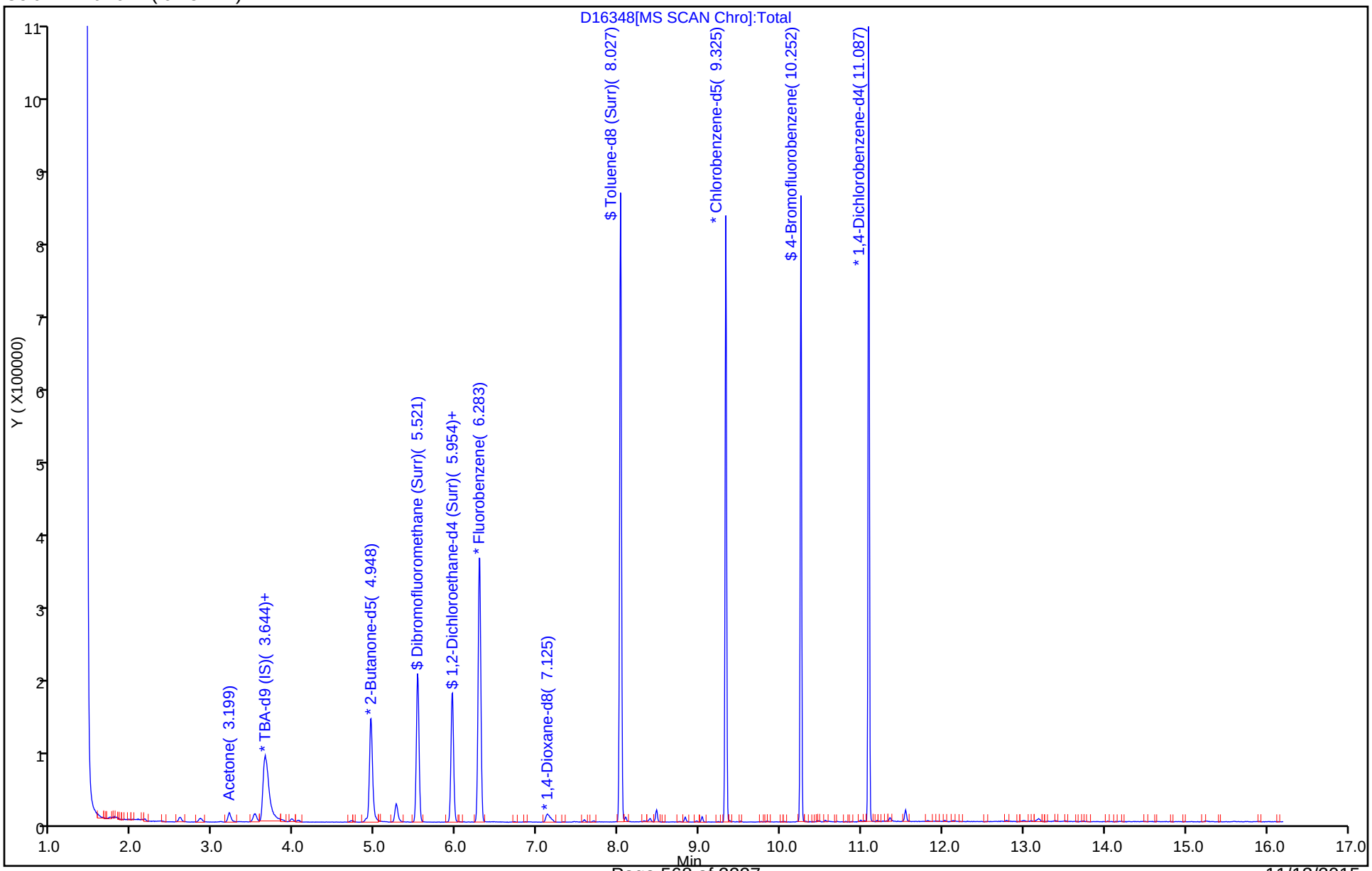
Report Date: 10-Nov-2015 14:35:52 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16348.D

Injection Date:	10-Nov-2015 14:17:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-104194-C-24-A	Lab Sample ID:	460-104194-24	Worklist Smp#:	12
Client ID:	Trip Blank				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

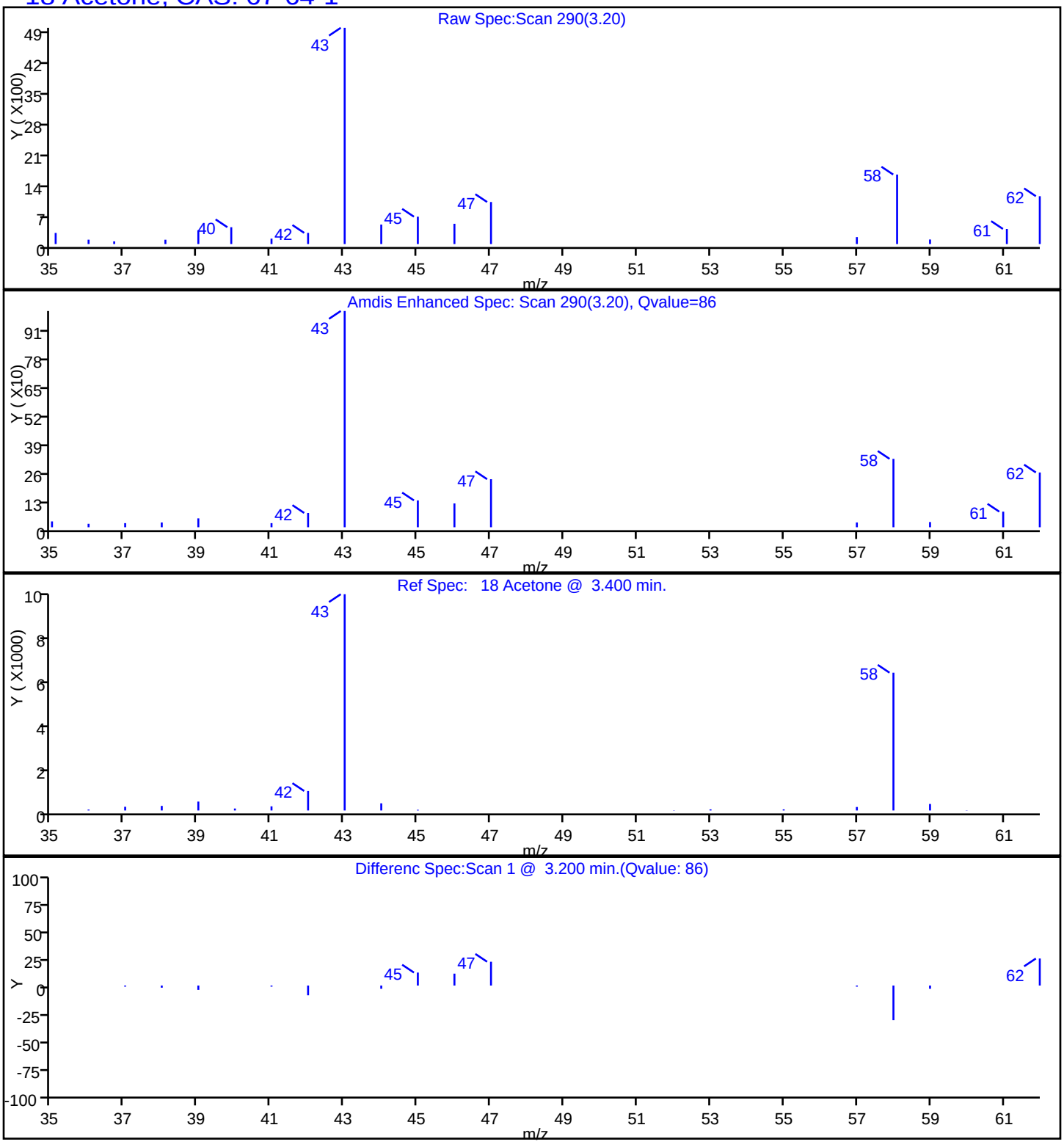
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16348.D		
Injection Date:	10-Nov-2015 14:17:30	Instrument ID:	CVOAMS4
Lims ID:	460-104194-C-24-A	Lab Sample ID:	460-104194-24
Client ID:	Trip Blank		
Operator ID:		ALS Bottle#:	11 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

18 Acetone, CAS: 67-64-1



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 332444

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2015 13:26 Calibration End Date: 10/31/2015 15:49 Calibration ID: 53039

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-332444/2	B89351.D
Level 2	STD1 460-332444/3	B89352.D
Level 3	STD5 460-332444/4	B89353.D
Level 4	STD20 460-332444/5	B89354.D
Level 5	STD50 460-332444/6	B89355.D
Level 6	STD200 460-332444/7	B89356.D
Level 7	STD500 460-332444/8	B89357.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0466	0.0444 0.0474	0.0622	0.0545	0.0524	Ave		0.0512				12.8		20.0			
Dichlorodifluoromethane	+++++ 0.3663	0.3579 0.3623	0.4070	0.3488	0.3990	Ave		0.3735			0.1000	6.3		20.0			
Chloromethane	+++++ 0.2206	0.2945 0.2182	0.2649	0.2353	0.2414	Ave		0.2458			0.1000	11.9		20.0			
Butadiene	+++++ 0.2120	0.2369 0.2188	0.2355	0.2071	0.2262	Ave		0.2228				5.5		20.0			
Vinyl chloride	+++++ 0.2607	0.3284 0.2589	0.3405	0.2726	0.2766	Ave		0.2896			0.1000	12.3		20.0			
Bromomethane	+++++ 0.2116	0.2615 0.2126	0.2831	0.2454	0.2337	Ave		0.2413			0.1000	11.6		20.0			
Chloroethane	+++++ 0.1437	0.1786 0.1424	0.2059	0.1629	0.1586	Ave		0.1654			0.1000	14.5		20.0			
Trichlorofluoromethane	+++++ 0.4599	0.4722 0.4576	0.5107	0.4617	0.5067	Ave		0.4781			0.1000	5.1		20.0			
Dichlorofluoromethane	+++++ 0.4818	0.5405 0.4733	0.6592	0.5117	0.5216	Ave		0.5313				12.7		20.0			
Pentane	+++++ 0.0331	0.0206 0.0298	0.0413	0.0309	0.0327	QuaF		0.0349	-0.000005						1.0000		0.9900
Ethyl ether	+++++ 0.1866	0.1756 0.1752	0.2516	0.2085	0.1993	Ave		0.1995				14.4		20.0			
Ethanol	+++++ 0.0160	0.0133 +++++	0.0107	0.0163	0.0155	Ave		0.0143				16.4		20.0			
2-Methyl-1,3-butadiene	+++++ 0.2181	0.2139 0.2043	0.2536	0.1929	0.2102	Ave		0.2155				9.6		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2435	0.2966 0.2344	0.3383	0.2615	0.2645	Ave		0.2731				14.1		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 332444

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2015 13:26 Calibration End Date: 10/31/2015 15:49 Calibration ID: 53039

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acrolein	+++++ 2.5530	3.2926 2.3775	2.7499	2.4863	2.5304	Ave		2.6649				12.4		20.0			
Freon TF	+++++ 0.2703	0.2414 0.2585	0.2932	0.2366	0.2845	Ave		0.2641			0.1000	8.7		20.0			
1,1-Dichloroethene	+++++ 0.2785	0.2963 0.2622	0.3758	0.2917	0.2910	Ave		0.2993			0.1000	13.2		20.0			
Acetone	+++++ 0.6564	0.8853 0.6594	0.6480	0.6698	0.6811	Ave		0.7000			0.0500	13.1		20.0			
Iodomethane	+++++ 0.5887	0.6464 0.5384	0.7885	0.6364	0.6231	Ave		0.6369				13.2		20.0			
Carbon disulfide	+++++ 0.9158	0.8320 0.8653	1.1153	0.9128	0.9466	Ave		0.9313			0.1000	10.6		20.0			
Isopropyl alcohol	+++++ 0.3044	0.1113 0.3594	0.4099	0.3000	0.3122	QuaF		0.2735	0.0000172						1.0000		0.9900
Allyl chloride	+++++ 0.1596	0.1631 0.1478	0.1992	0.1606	0.1614	Ave		0.1653				10.6		20.0			
Cyclopentene	+++++ 0.6419	0.7312 0.5796	0.8134	0.5317	0.6081	Ave		0.6510				16.0		20.0			
Methyl acetate	+++++ 0.1696	0.1591 0.1509	0.2252	0.1748	0.1707	Ave		0.1750			0.1000	14.9		20.0			
Acetonitrile	+++++ 0.0208	0.0221 0.0176	0.0228	0.0194	0.0200	Ave		0.0204				9.2		20.0			
Methylene Chloride	+++++ 0.2946	0.3370 0.2748	0.4057	0.3294	0.3085	Ave		0.3250			0.1000	14.0		20.0			
2-Methyl-2-propanol	+++++ 0.9648	1.0424 0.9931	1.1193	1.0446	1.0124	Ave		1.0295				5.2		20.0			
MTBE	+++++ 0.8184	0.8630 0.7629	1.1236	0.8884	0.8700	Ave		0.8877			0.1000	14.0		20.0			
trans-1,2-Dichloroethene	+++++ 0.2966	0.3666 0.2762	0.3955	0.3054	0.3052	Ave		0.3242			0.1000	14.2		20.0			
Acrylonitrile	0.0393 0.0771	0.0645 0.0692	0.0976	0.0791	0.0780	QuaF		0.0819	-0.000003						1.0000		0.9900
Hexane	+++++ 0.0920	0.0915 0.0880	0.1083	0.0741	0.1107	Ave		0.0941				14.5		20.0			
Isopropyl ether	+++++ 0.6813	0.6937 0.6196	0.8931	0.7237	0.7026	Ave		0.7190				12.8		20.0			
1,1-Dichloroethane	+++++ 0.4524	0.4419 0.4218	0.6046	0.4851	0.4808	Ave		0.4811			0.2000	13.5		20.0			
Vinyl acetate	+++++ 0.0354	0.0313 0.0336	0.0415	0.0340	0.0320	Ave		0.0346				10.6		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 332444

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2015 13:26 Calibration End Date: 10/31/2015 15:49 Calibration ID: 53039

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Chloro-1,3-butadiene	+++++ 0.2756	0.2894 0.2472	0.2998	0.2455	0.2541	Ave		0.2686				8.6		20.0			
Tert-butyl ethyl ether	+++++ 0.7986	0.8498 0.7279	1.0993	0.8127	0.8184	Ave		0.8511				15.1		20.0			
2,2-Dichloropropane	+++++ 0.2112	0.4089 0.1966	0.3208	0.2253	0.2198	QuaF		0.2214	-0.000050						1.0000		0.9900
cis-1,2-Dichloroethene	+++++ 0.3223	0.3906 0.2988	0.4347	0.3433	0.3239	Ave		0.3523			0.1000	14.4		20.0			
2-Butanone	+++++ 0.3070	0.3448 0.3059	0.4321	0.3238	0.3249	Ave		0.3398			0.0500	14.0		20.0			
Ethyl acetate	+++++ 0.2584	0.0435 0.2589	0.3790	0.2547	0.2653	QuaF		0.2591	0						1.0000		0.9900
Methyl acrylate	+++++ 0.1864	0.1849 0.1769	0.2181	0.1866	0.1862	Ave		0.1898				7.5		20.0			
Propionitrile	+++++ 1.4076	0.9566 1.4244	1.5875	1.3881	1.4239	Ave		1.3647				15.6		20.0			
Tetrahydrofuran	+++++ 0.4048	0.3675 0.3797	0.5247	0.4497	0.4357	Ave		0.4270				13.4		20.0			
Bromochloromethane	+++++ 0.1740	0.1905 0.1634	0.2424	0.1818	0.1842	Ave		0.1894				14.6		20.0			
Methacrylonitrile	+++++ 0.1009	0.0849 0.0889	0.1354	0.1023	0.1007	Ave		0.1022				17.4		20.0			
Chloroform	+++++ 0.4972	0.5066 0.4638	0.6547	0.5252	0.5033	Ave		0.5251			0.2000	12.7		20.0			
Cyclohexane	+++++ 0.2988	0.2592 0.2830	0.3195	0.2690	0.3259	Ave		0.2926			0.1000	9.2		20.0			
1,1,1-Trichloroethane	+++++ 0.4652	0.5799 0.4363	0.5645	0.4412	0.4791	Ave		0.4944			0.1000	12.6		20.0			
Carbon tetrachloride	+++++ 0.4089	0.3818 0.3896	0.4420	0.3628	0.4176	Ave		0.4004			0.1000	7.0		20.0			
1,1-Dichloropropene	+++++ 0.3487	0.3850 0.3275	0.4189	0.3257	0.3532	Ave		0.3598				10.0		20.0			
2,2,4-Trimethylpentane	+++++ 0.3544	0.3474 0.3347	0.3740	0.2950	0.3309	Ave		0.3394				7.9		20.0			
Benzene	+++++ 1.1433	1.2091 1.1068	1.3746	1.1638	1.1658	Ave		1.1939			0.5000	7.9		20.0			
Isobutyl alcohol	+++++ 0.3898	0.2783 0.3954	0.3041	0.3199	0.3459	Ave		0.3389				13.9		20.0			
Tert-amyl methyl ether	+++++ 0.9135	0.8505 0.8090	1.1797	0.9191	0.9204	Ave		0.9320				13.9		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 332444

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2015 13:26 Calibration End Date: 10/31/2015 15:49 Calibration ID: 53039

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropyl acetate	+++++ 0.2783	0.3089 0.2508	0.3763	0.2734	0.2799	Ave		0.2946				15.0		20.0			
1,2-Dichloroethane	+++++ 0.3638	0.4669 0.3462	0.5257	0.3869	0.3814	Ave		0.4118			0.1000	16.9		20.0			
n-Heptane	+++++ 0.0703	0.0738 0.0681	0.0720	0.0608	0.0767	Ave		0.0703				7.8		20.0			
Trichloroethene	+++++ 0.2854	0.2289 0.2744	0.3399	0.2793	0.2873	Ave		0.2825			0.2000	12.5		20.0			
n-Butanol	+++++ 0.1178	0.1190 0.1506	0.0775	0.0649	0.0930	Qua2	1.1121	0.0730	0.0000066						0.9900		0.9900
Methylcyclohexane	+++++ 0.2584	0.1900 0.2430	0.2407	0.2222	0.2725	Ave		0.2378			0.1000	12.2		20.0			
Ethyl acrylate	+++++ 0.2906	0.2244 0.2644	0.2780	0.2514	0.2656	Ave		0.2624				8.7		20.0			
1,2-Dichloropropane	+++++ 0.2294	0.2424 0.2167	0.3075	0.2288	0.2337	Ave		0.2431			0.1000	13.4		20.0			
Methyl methacrylate	+++++ 0.0812	0.0814 0.0754	0.0978	0.0794	0.0799	Ave		0.0825				9.5		20.0			
Dibromomethane	+++++ 0.1777	0.2150 0.1705	0.2351	0.1863	0.1776	Ave		0.1937				13.2		20.0			
1,4-Dioxane	+++++ 0.5946	0.4153 0.5646	0.7400	0.6701	0.7864	QuaF		0.6400	-0.000008						0.9990		0.9900
n-Propyl acetate	+++++ 0.2721	0.2313 0.2499	0.3125	0.2821	0.2545	Ave		0.2671				10.6		20.0			
Bromodichloromethane	+++++ 0.3757	0.2886 0.3637	0.4412	0.3732	0.3685	Ave		0.3685			0.2000	13.2		20.0			
2-Nitropropane	+++++ 0.0664	0.0418 0.0608	0.0595	0.0604	0.0632	Ave		0.0587				14.7		20.0			
2-Chloroethyl vinyl ether	+++++ 0.1547	0.1224 0.1432	0.1757	0.1583	0.1534	Ave		0.1513				11.7		20.0			
Epichlorohydrin	0.0780 0.2586	0.1798 0.2450	0.3249	0.2559	0.2700	QuaF		0.2681	-0.000002						1.0000		0.9900
cis-1,3-Dichloropropene	+++++ 0.4603	0.4244 0.4666	0.5657	0.4717	0.4718	Ave		0.4768			0.2000	9.9		20.0			
4-Methyl-2-pentanone	+++++ 2.6313	2.8333 2.4488	3.5706	2.8631	2.8421	Ave		2.8649			0.0500	13.3		20.0			
Toluene	+++++ 1.2237	1.1975 1.1697	1.4568	1.2483	1.2698	Ave		1.2610			0.4000	8.1		20.0			
trans-1,3-Dichloropropene	+++++ 0.4329	0.3350 0.4369	0.4994	0.4288	0.4344	Ave		0.4279			0.1000	12.3		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 332444

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2015 13:26 Calibration End Date: 10/31/2015 15:49 Calibration ID: 53039

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl methacrylate	+++++ 0.3703	0.2453 0.3632	0.4103	0.3628	0.3691	Ave		0.3535				15.8		20.0			
1,1,2-Trichloroethane	+++++ 0.2266	0.2084 0.2240	0.2686	0.2309	0.2321	Ave		0.2318			0.1000	8.6		20.0			
Tetrachloroethene	+++++ 0.3370	0.3638 0.3234	0.3497	0.3285	0.3537	Ave		0.3427			0.2000	4.6		20.0			
1,3-Dichloropropane	+++++ 0.4291	0.4685 0.4231	0.5876	0.4627	0.4470	Ave		0.4697				12.9		20.0			
2-Hexanone	+++++ 1.6599	1.4170 1.5190	1.8803	1.6659	1.7685	Ave		1.6518			0.0500	10.1		20.0			
Dibromochloromethane	+++++ 0.3727	0.2996 0.3724	0.4122	0.3743	0.3711	Ave		0.3671			0.1000	10.0		20.0			
n-Butyl acetate	+++++ 0.0610	0.0354 0.0571	0.0644	0.0597	0.0594	Ave		0.0562				18.6		20.0			
1,2-Dibromoethane	+++++ 0.3139	0.2822 0.3087	0.4297	0.3119	0.3132	Ave		0.3266			0.1000	15.9		20.0			
Chlorobenzene	+++++ 0.8924	0.9040 0.8499	1.1325	0.9376	0.9430	Ave		0.9432			0.5000	10.5		20.0			
Ethylbenzene	+++++ 0.4509	0.4554 0.4324	0.5323	0.4583	0.4783	Ave		0.4679			0.1000	7.4		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3759	0.3293 0.3726	0.4470	0.3694	0.3775	Ave		0.3786				10.0		20.0			
m-Xylene & p-Xylene	+++++ 0.5546	0.6274 0.5357	0.6525	0.5743	0.5944	Ave		0.5898			0.1000	7.5		20.0			
o-Xylene	+++++ 0.5913	0.5717 0.5652	0.6801	0.6059	0.6261	Ave		0.6067			0.3000	7.0		20.0			
n-Butyl acrylate	+++++ 0.2673	0.1865 0.2596	0.2832	0.2424	0.2549	Ave		0.2490				13.4		20.0			
Styrene	+++++ 0.9846	0.9732 0.9136	1.1213	1.0212	1.0439	Ave		1.0096			0.3000	7.0		20.0			
Amyl acetate (mixed isomers)	+++++ 0.7821	0.5994 0.7362	0.8195	0.7232	0.7151	Ave		0.7292				10.3		20.0			
Bromoform	+++++ 0.2764	0.2123 0.2708	0.2866	0.2506	0.2637	Ave		0.2601			0.1000	10.1		20.0			
Isopropylbenzene	+++++ 1.2328	1.1594 1.1221	1.3376	1.2150	1.3253	Ave		1.2320			0.1000	7.0		20.0			
Bromobenzene	+++++ 0.7011	0.7752 0.6762	0.8806	0.7427	0.7338	Ave		0.7516				9.6		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.6050	0.6081 0.5741	0.7772	0.6109	0.6136	Ave		0.6315			0.3000	11.5		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 332444

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2015 13:26 Calibration End Date: 10/31/2015 15:49 Calibration ID: 53039

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
N-Propylbenzene	+++++ 1.9863	2.1184 1.7692	2.2605	1.9191	2.1270	Ave		2.0301				8.6		20.0			
1,2,3-Trichloropropane	+++++ 0.2046	0.1696 0.1948	0.2754	0.2186	0.2102	Ave		0.2122				16.6		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1588	0.1112 0.1563	0.1834	0.1500	0.1498	Ave		0.1516				15.4		20.0			
2-Chlorotoluene	+++++ 1.5842	1.6265 1.4449	1.8228	1.5577	1.6398	Ave		1.6127				7.7		20.0			
4-Ethyltoluene	+++++ 1.9151	1.9085 1.6723	2.4285	1.8327	1.9145	Ave		1.9453				13.1		20.0			
1,3,5-Trimethylbenzene	+++++ 1.5578	1.7516 1.4516	1.8293	1.5708	1.6526	Ave		1.6356				8.4		20.0			
4-Chlorotoluene	+++++ 1.4692	1.4395 1.3574	1.6777	1.5059	1.5684	Ave		1.5030				7.4		20.0			
Butyl Methacrylate	+++++ 0.7858	0.5535 0.7499	0.8022	0.7174	0.7455	Ave		0.7257				12.4		20.0			
tert-Butylbenzene	+++++ 1.2691	1.3257 1.1976	1.2656	1.1621	1.3108	Ave		1.2552				5.1		20.0			
1,2,4-Trimethylbenzene	+++++ 1.6960	1.9272 1.5408	1.9891	1.6579	1.7978	Ave		1.7681				9.6		20.0			
sec-Butylbenzene	+++++ 1.6738	1.6920 1.5295	1.6296	1.5278	1.7532	Ave		1.6343				5.6		20.0			
4-Isopropyltoluene	+++++ 1.5375	1.5118 1.3987	1.5386	1.4511	1.6155	Ave		1.5089				5.0		20.0			
1,3-Dichlorobenzene	+++++ 1.1118	1.1705 1.0323	1.4086	1.1631	1.1639	Ave		1.1750			0.6000	10.7		20.0			
1,4-Dichlorobenzene	+++++ 1.1547	1.2803 1.0597	1.4519	1.2356	1.2456	Ave		1.2380			0.5000	10.6		20.0			
Benzyl chloride	+++++ 1.3341	1.1091 1.2112	1.4014	1.2105	1.2813	Ave		1.2579				8.2		20.0			
Indan	+++++ 2.0877	2.0014 1.7953	2.7727	2.2166	2.1635	Ave		2.1729				15.1		20.0			
p-Diethylbenzene	+++++ 0.9092	0.9138 0.8265	1.0807	0.8830	0.8776	Ave		0.9151				9.5		20.0			
n-Butylbenzene	+++++ 1.4170	1.3722 1.3270	1.4315	1.3462	1.4716	Ave		1.3943				4.0		20.0			
1,2-Dichlorobenzene	+++++ 1.1676	1.2150 1.0774	1.5234	1.2231	1.2455	Ave		1.2420			0.4000	12.1		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 1.6110	1.6228 1.4262	2.0634	1.5919	1.5933	Ave		1.6514				13.0		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 332444

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2015 13:26 Calibration End Date: 10/31/2015 15:49 Calibration ID: 53039

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dibromo-3-Chloropropane	+++++ 0.1145	0.1259 0.1120	0.1348	0.1057	0.1094	Ave		0.1171			0.0500	9.5		20.0			
1,3,5-Trichlorobenzene	+++++ 0.7475	0.8466 0.6925	0.9405	0.7625	0.7716	Ave		0.7935				11.0		20.0			
1,2,4-Trichlorobenzene	+++++ 0.7206	0.7590 0.6940	0.8627	0.7373	0.7498	Ave		0.7539			0.2000	7.7		20.0			
Hexachlorobutadiene	+++++ 0.2921	0.3330 0.2922	0.2792	0.2668	0.3141	Ave		0.2962				8.1		20.0			
Naphthalene	+++++ 2.0171	1.9297 1.8018	2.3245	2.0007	2.0982	Ave		2.0287				8.7		20.0			
1,2,3-Trichlorobenzene	+++++ 0.6565	0.7738 0.6221	0.7538	0.6806	0.6801	Ave		0.6945				8.4		20.0			
Dibromofluoromethane (Surr)	0.2489 0.2580	0.2467 0.2341	0.2661	0.2630	0.2603	Ave		0.2539				4.4		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2523 0.2662	0.2471 0.2608	0.2634	0.2677	0.2567	Ave		0.2592				2.9		20.0			
Toluene-d8 (Surr)	0.9848 0.9855	0.9440 0.9707	0.9921	1.0138	0.9804	Ave		0.9816				2.2		20.0			
Bromofluorobenzene	0.4227 0.4227	0.4096 0.4191	0.4281	0.4482	0.4360	Ave		0.4266				2.9		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 332444

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2015 13:26 Calibration End Date: 10/31/2015 15:49 Calibration ID: 53039

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-332444/2	B89351.D
Level 2	STD1 460-332444/3	B89352.D
Level 3	STD5 460-332444/4	B89353.D
Level 4	STD20 460-332444/5	B89354.D
Level 5	STD50 460-332444/6	B89355.D
Level 6	STD200 460-332444/7	B89356.D
Level 7	STD500 460-332444/8	B89357.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++ 102468	490 279265	3290	11369	28191	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 805516	3950 2134213	21541	72805	214448	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 485247	3250 1285309	14019	49120	129743	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	+++++ 466359	2615 1288659	12466	43232	121553	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 573369	3624 1525269	18021	56896	148685	+++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 465294	2886 1252180	14984	51215	125621	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 316126	1971 838854	10897	34003	85255	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 1011372	5211 2695544	27029	96373	272337	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 1059539	5965 2787755	34891	106812	280340	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	QuaF	+++++ 145418	455 350599	4376	12919	35154	+++++ 400	2.00 1000	10.0	40.0	100
Ethyl ether	FB	Ave	+++++ 410496	1938 1032174	13315	43515	107099	+++++ 200	1.00 500	5.00	20.0	50.0
Ethanol	TBA	Ave	+++++ 26813	104 +++++	423	2545	6020	+++++ 8000	40.0 +++++	200	800	2000
2-Methyl-1,3-butadiene	FB	Ave	+++++ 479672	2361 1203135	13422	40264	112968	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 535633	3273 1380570	17905	54581	142188	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBA	Ave	+++++ 107021	2580 190767	10857	19399	49278	+++++ 200	4.00 400	20.0	40.0	100

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 332444

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2015 13:26 Calibration End Date: 10/31/2015 15:49 Calibration ID: 53039

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Freon TF	FB	Ave	+++++ 594429	2664 1522484	15520	49375	152917	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	+++++ 612532	3270 1544508	19890	60888	156410	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 548967	3258 1424509	12084	49133	128040	+++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	+++++ 1294847	7134 3171034	41734	132831	334901	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon disulfide	FB	Ave	+++++ 2014114	9182 5096886	59033	190520	508763	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBA	QuaF	+++++ 127619	218 360460	4046	11704	30396	+++++ 2000	10.0 5000	50.0	200	500
Allyl chloride	FB	Ave	+++++ 350943	1800 870617	10544	33531	86737	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclopentene	FB	Ave	+++++ 1411843	8070 3413943	43054	110988	326826	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	+++++ 1864768	8777 4443721	59592	182403	458793	+++++ 1000	5.00 2500	25.0	100	250
Acetonitrile	FB	Ave	+++++ 458014	2439 1034828	12056	40584	107397	+++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	+++++ 647961	3719 1618607	21473	68752	165809	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBA	Ave	+++++ 404466	2042 996091	11048	40754	98577	+++++ 2000	10.0 5000	50.0	200	500
MTBE	FB	Ave	+++++ 1799956	9524 4493533	59468	185424	467609	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 652426	4046 1626741	20932	63748	164020	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	QuaF	903 1695001	7121 4074964	51656	165079	419181	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	+++++ 202391	1010 518122	5733	15457	59520	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	+++++ 1498428	7656 3649729	47268	151052	377640	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 994917	4877 2484757	31999	101253	258431	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Ave	+++++ 155848	691 395301	4390	14204	34423	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	+++++ 606164	3194 1456184	15867	51233	136590	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	+++++ 1756497	9379 4287333	58184	169627	439852	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 332444

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2015 13:26 Calibration End Date: 10/31/2015 15:49 Calibration ID: 53039

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2,2-Dichloropropane	FB	QuaF	+++++ 464406	4513 1157736	16979	47030	118138	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 708853	4311 1759965	23009	71655	174095	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone	BUT	Ave	+++++ 256799	1269 660786	8058	23755	61087	+++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	QuaF	+++++ 86434	64 223736	2827	7473	19949	+++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	+++++ 409893	2041 1041700	11543	38943	100101	+++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBA	Ave	+++++ 590054	1874 1428607	15669	54154	138651	+++++ 2000	10.0 5000	50.0	200	500
Tetrahydrofuran	BUT	Ave	+++++ 135406	541 328091	3914	13195	32761	+++++ 400	2.00 1000	10.0	40.0	100
Bromochloromethane	FB	Ave	+++++ 382755	2102 962570	12831	37946	99016	+++++ 200	1.00 500	5.00	20.0	50.0
Methacrylonitrile	FB	Ave	+++++ 2218337	9373 5234985	71670	213499	541489	+++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	+++++ 1093517	5591 2731661	34651	109634	270519	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 657212	2861 1667153	16909	56142	175171	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 1023141	6400 2569876	29878	92099	257525	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 899246	4214 2294761	23393	75717	224469	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 766828	4249 1928787	22170	67989	189866	+++++ 200	1.00 500	5.00	20.0	50.0
2,2,4-Trimethylpentane	FB	Ave	+++++ 779373	3834 1971350	19797	61580	177853	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBZ	Ave	+++++ 2278152	12170 5615840	67066	220876	572593	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBA	Ave	+++++ 408482	1363 991523	7503	31200	84196	+++++ 5000	25.0 12500	125	500	1250
Tert-amyl methyl ether	FB	Ave	+++++ 2009153	9386 4765057	62439	191847	494686	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++ 612009	3409 1477234	19917	57068	150454	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 800067	5153 2039417	27822	80757	205021	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 154565	814 400946	3811	12698	41200	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 332444

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2015 13:26 Calibration End Date: 10/31/2015 15:49 Calibration ID: 53039

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Trichloroethene	FB	Ave	+++++ 627584	2526 1616522	17991	58297	154397	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBA	Qua2	+++++ 123463	583 377527	1913	6327	22631	+++++ 5000	25.0 12500	125	500	1250
Methylcyclohexane	FB	Ave	+++++ 568383	2097 1431087	12741	46376	146444	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 639234	2477 1557552	14715	52484	142765	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 504486	2675 1276530	16277	47766	125633	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 357184	1796 888460	10358	33143	85890	+++++ 400	2.00 1000	10.0	40.0	100
Dibromomethane	FB	Ave	+++++ 390879	2373 1004546	12444	38895	95482	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dioxane	DXE	QuaF	+++++ 60171	434 163817	1675	6092	15410	+++++ 4000	50.0 10000	100	400	1000
n-Propyl acetate	FB	Ave	+++++ 598449	2553 1471891	16538	58892	136791	+++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	+++++ 826388	3185 2142224	23350	77901	198073	+++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Ave	+++++ 292124	922 715948	6297	25229	67980	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	+++++ 340174	1351 843407	9298	33040	82428	+++++ 200	1.00 500	5.00	20.0	50.0
Epichlorohydrin	BUT	QuaF	258 865169	2647 2117047	24232	75075	203003	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBZ	Ave	+++++ 917132	4272 2367630	27602	89530	231733	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone	BUT	Ave	+++++ 2200713	10427 5290312	66584	210026	534319	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBZ	Ave	+++++ 2438314	12053 5935055	71076	236905	623685	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBZ	Ave	+++++ 862504	3372 2216882	24367	81372	213384	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	CBZ	Ave	+++++ 737756	2469 1842792	20017	68858	181311	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBZ	Ave	+++++ 451467	2098 1136363	13104	43820	113980	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBZ	Ave	+++++ 671527	3662 1640745	17063	62345	173747	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBZ	Ave	+++++ 855008	4716 2146834	28668	87817	219544	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 332444

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2015 13:26 Calibration End Date: 10/31/2015 15:49 Calibration ID: 53039

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2-Hexanone	BUT	Ave	+++++ 1388236	5215 3281598	35063	122205	332469	+++++ 1000	5.00 2500	25.0	100	250
Dibromochloromethane	CBZ	Ave	+++++ 742649	3016 1889743	20110	71031	182288	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acetate	CBZ	Ave	+++++ 121546	356 289592	3140	11323	29200	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromoethane	CBZ	Ave	+++++ 625429	2840 1566261	20963	59201	153822	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBZ	Ave	+++++ 1778061	9099 4312414	55255	177946	463178	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBZ	Ave	+++++ 898415	4584 2194134	25969	86985	234918	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	+++++ 749091	3315 1890363	21811	70114	185438	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBZ	Ave	+++++ 1104968	6315 2718071	31835	108993	291942	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBZ	Ave	+++++ 1178240	5754 2867923	33180	114999	307541	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBZ	Ave	+++++ 532537	1877 1317123	13815	46012	125188	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBZ	Ave	+++++ 1961859	9796 4635322	54706	193813	512723	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCB	Ave	+++++ 988852	3904 2377605	25476	89358	226670	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBZ	Ave	+++++ 550684	2137 1373858	13985	47557	129545	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBZ	Ave	+++++ 2456313	11670 5693192	65262	230594	650976	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCB	Ave	+++++ 886398	5049 2183760	27375	91763	232601	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCB	Ave	+++++ 764867	3961 1853922	24162	75488	194525	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCB	Ave	+++++ 2511263	13798 5713647	70273	237124	674264	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCB	Ave	+++++ 258700	1105 629050	8563	27013	66632	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCB	Ave	+++++ 200734	724 504792	5702	18530	47493	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCB	Ave	+++++ 2002883	10594 4666295	56668	192469	519818	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCB	Ave	+++++ 2421219	12431 5400841	75498	226444	606891	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 332444

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2015 13:26 Calibration End Date: 10/31/2015 15:49 Calibration ID: 53039

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,3,5-Trimethylbenzene	DCB	Ave	+++++ 1969531	11409 4688026	56869	194091	523855	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCB	Ave	+++++ 1857435	9376 4383593	52155	186072	497176	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCB	Ave	+++++ 993538	3605 2421804	24940	88638	236337	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCB	Ave	+++++ 1604547	8635 3867800	39344	143584	415535	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCB	Ave	+++++ 2144182	12553 4975865	61836	204850	569908	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCB	Ave	+++++ 2116201	11021 4939664	50661	188778	555770	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCB	Ave	+++++ 1943818	9847 4517234	47831	179303	512111	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCB	Ave	+++++ 1405690	7624 3333758	43791	143706	368952	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCB	Ave	+++++ 1459938	8339 3422223	45138	152671	394860	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCB	Ave	+++++ 1686676	7224 3911449	43567	149563	406159	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCB	Ave	+++++ 2639452	13036 5797959	86197	273877	685833	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCB	Ave	+++++ 1149486	5952 2669268	33596	109106	278191	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCB	Ave	+++++ 1791504	8938 4285604	44501	166337	466496	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCB	Ave	+++++ 1476143	7914 3479515	47359	151125	394816	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCB	Ave	+++++ 2036773	10570 4605887	64147	196698	505081	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	+++++ 144751	820 361600	4192	13058	34693	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCB	Ave	+++++ 945019	5514 2236285	29238	94210	244585	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCB	Ave	+++++ 911049	4944 2241261	26818	91105	237686	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCB	Ave	+++++ 369319	2169 943657	8681	32960	99563	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCB	Ave	+++++ 2550200	12569 5818886	72264	247206	665127	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCB	Ave	+++++ 830001	5040 2009154	23435	84095	215589	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 332444

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2015 13:26 Calibration End Date: 10/31/2015 15:49 Calibration ID: 53039

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dibromofluoromethane (Surr)	FB	Ave	142972 141874	136135 137900	140865	137256	139892	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	144945 146358	136344 153620	139409	139700	137988	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	509929 490904	475098 492509	484036	481017	481568	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Bromofluorobenzene	CBZ	Ave	218877 210555	206148 212635	208858	212650	214162	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89351.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 31-Oct-2015 13:26:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0033659-002
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub58

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 01-Nov-2015 16:36:06 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: tupayachia Date: 01-Nov-2015 05:33:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.591	2.599	-0.008	86	156363	1000.0	1000.0	
31 Acrylonitrile	53	2.854	2.830	0.024	68	903	2.00	0.9601	
* 158 2-Butanone-d5	46	3.677	3.677	0.000	100	165412	250.0	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.204	4.204	0.000	93	142972	50.0	49.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.574	4.574	0.000	94	144945	50.0	48.7	
* 62 Fluorobenzene	96	4.879	4.887	-0.008	100	574385	50.0	50.0	
* 69 1,4-Dioxane-d8	96	5.727	5.735	-0.008	87	19915	1000.0	1000.0	M
77 Epichlorohydrin	57	6.566	6.549	0.017	1	258	5.00	1.45	M
$ 80 Toluene-d8 (Surr)	98	6.862	6.870	-0.008	99	509929	50.0	50.2	
* 91 Chlorobenzene-d5	117	8.500	8.500	0.000	82	517777	50.0	50.0	
$ 102 4-Bromofluorobenzene	174	9.611	9.611	0.000	97	218877	50.0	49.5	
* 119 1,4-Dichlorobenzene-d4	152	10.574	10.574	0.000	93	379637	50.0	50.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

8260SURR250_00096	Amount Added:	1.00	Units: uL	
ACROLEIN W_00043	Amount Added:	0.00	Units: uL	
GAS Hi_00119	Amount Added:	0.00	Units: uL	
MIX I Hi_00048	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00036	Amount Added:	0.00	Units: uL	
14DIOXINTER_00045	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00015	Amount Added:	2.00	Units: uL	
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

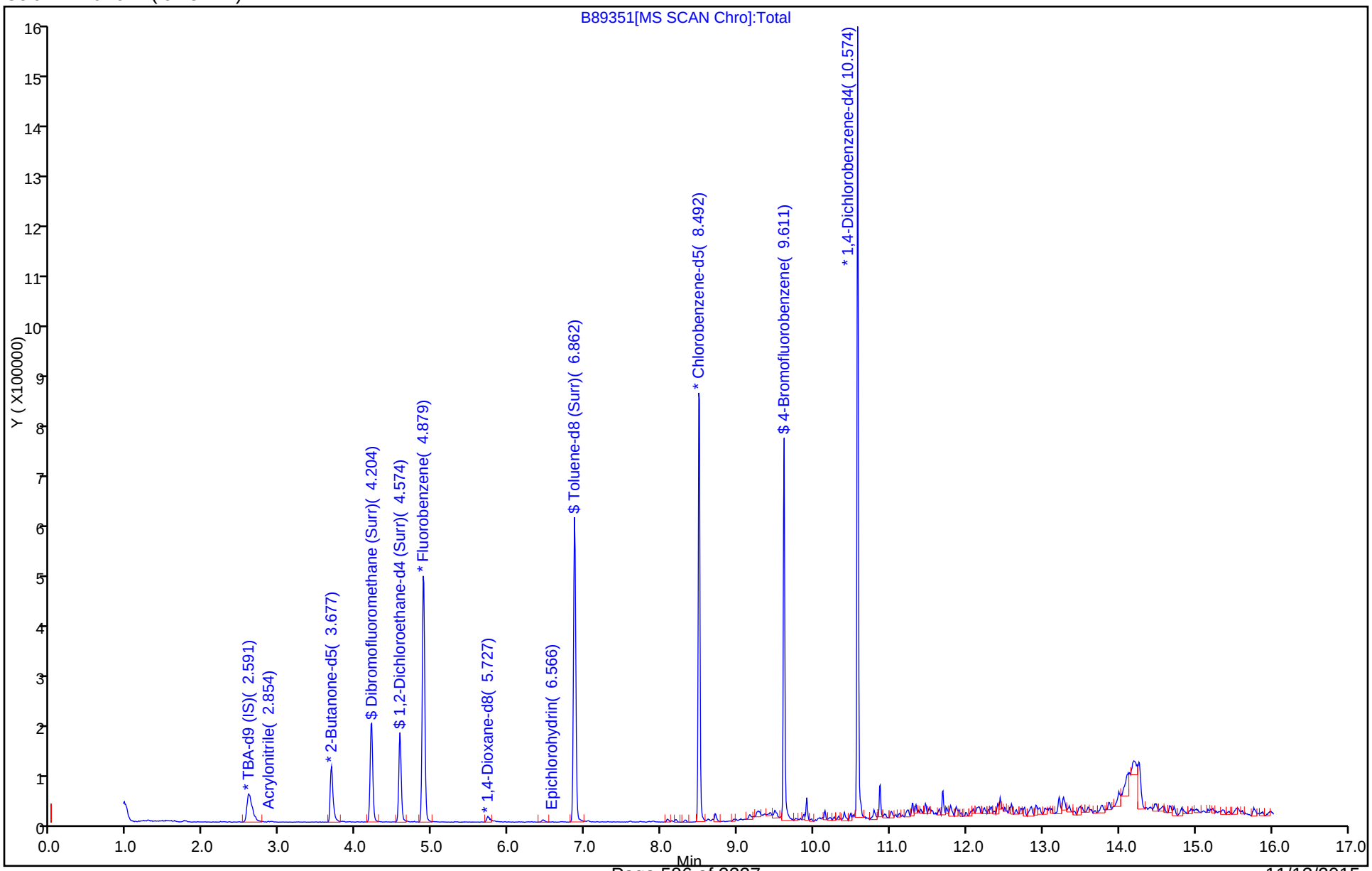
Report Date: 01-Nov-2015 16:36:07 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89351.D

Injection Date:	31-Oct-2015 13:26:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD7			Worklist Smp#:	2
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89352.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 31-Oct-2015 13:49:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0033659-003
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub58

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 01-Nov-2015 16:34:46 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: tupayachia Date: 01-Nov-2015 05:33:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.085	1.068	0.017	1	490	1.00	0.8664	
2 Dichlorodifluoromethane	85	1.110	1.093	0.017	24	3950	1.00	0.9581	
3 Chloromethane	50	1.192	1.208	-0.016	85	3250	1.00	1.20	
5 Butadiene	54	1.274	1.291	-0.017	92	2615	1.00	1.06	
4 Vinyl chloride	62	1.299	1.291	0.008	85	3624	1.00	1.13	
6 Bromomethane	94	1.521	1.521	0.000	55	2886	1.00	1.08	
7 Chloroethane	64	1.587	1.579	0.008	18	1971	1.00	1.08	
10 Trichlorofluoromethane	101	1.752	1.752	0.000	74	5211	1.00	0.9875	
9 Dichlorofluoromethane	67	1.752	1.752	0.000	95	5965	1.00	1.02	
8 Pentane	72	1.793	1.768	0.025	1	455	2.00	1.18	
12 Ethanol	46	1.949	1.941	0.008	16	104	40.0	37.0	M
11 Ethyl ether	59	1.949	1.949	0.000	73	1938	1.00	0.8804	
13 2-Methyl-1,3-butadiene	53	1.966	1.957	0.009	91	2361	1.00	0.99	
14 1,2-Dichloro-1,1,2-trifluo	117	2.023	2.023	0.000	1	3273	1.00	1.09	
15 Acrolein	56	2.122	2.114	0.008	60	2580	4.00	4.94	
16 1,1,2-Trichloro-1,2,2-trif	101	2.130	2.114	0.016	62	2664	1.00	0.9141	
17 1,1-Dichloroethene	96	2.122	2.130	-0.008	96	3270	1.00	0.99	
18 Acetone	43	2.237	2.229	0.008	60	3258	5.00	6.32	M
19 Iodomethane	142	2.262	2.262	0.000	96	7134	1.00	1.01	
20 Carbon disulfide	76	2.286	2.286	0.000	97	9182	1.00	0.8934	
21 Isopropyl alcohol	45	2.393	2.361	0.032	42	218	10.0	4.07	
22 3-Chloro-1-propene	76	2.451	2.443	0.008	13	1800	1.00	0.9868	M
23 Cyclopentene	67	2.443	2.451	-0.008	85	8070	1.00	1.12	
24 Methyl acetate	43	2.468	2.459	0.009	98	8777	5.00	4.54	
25 Acetonitrile	41	2.607	2.517	0.090	35	2439	10.0	10.8	M
26 Methylene Chloride	84	2.575	2.574	0.000	29	3719	1.00	1.04	
* 27 TBA-d9 (IS)	65	2.591	2.599	-0.008	87	195893	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.673	2.673	0.000	33	2042	10.0	10.1	M
29 Methyl tert-butyl ether	73	2.723	2.723	0.000	79	9524	1.00	0.9721	
30 trans-1,2-Dichloroethene	96	2.747	2.747	0.000	89	4046	1.00	1.13	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.838	2.830	0.008	87	7121	10.0	7.88	M
32 Hexane	43	2.904	2.895	0.009	74	1010	1.00	0.9725	
34 Isopropyl ether	45	3.142	3.142	0.000	89	7656	1.00	0.9648	
33 1,1-Dichloroethane	63	3.142	3.151	-0.009	92	4877	1.00	0.9185	
36 Vinyl acetate	86	3.200	3.183	0.017	80	691	2.00	1.81	
35 2-Chloro-1,3-butadiene	88	3.200	3.192	0.008	80	3194	1.00	1.08	
38 Tert-butyl ethyl ether	59	3.480	3.472	0.008	73	9379	1.00	1.00	M
39 2,2-Dichloropropane	41	3.677	3.669	0.008	47	4513	1.00	1.85	
* 158 2-Butanone-d5	46	3.677	3.677	0.000	98	184010	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.702	3.710	-0.008	81	4311	1.00	1.11	
41 2-Butanone (MEK)	72	3.743	3.735	0.008	72	1269	5.00	5.07	
42 Ethyl acetate	70	3.751	3.760	-0.009	1	64	2.00	0.3356	
43 Methyl acrylate	55	3.809	3.809	0.000	1	2041	1.00	0.9741	
44 Propionitrile	54	3.899	3.883	0.016	58	1874	10.0	7.01	M
46 Tetrahydrofuran	72	3.965	3.949	0.016	4	541	2.00	1.72	M
45 Chlorobromomethane	128	3.957	3.957	0.000	54	2102	1.00	1.01	
47 Methacrylonitrile	67	3.990	3.982	0.008	85	9373	10.0	8.31	
48 Chloroform	83	4.023	4.031	-0.008	91	5591	1.00	0.9647	
49 Cyclohexane	84	4.130	4.130	0.000	44	2861	1.00	0.8860	
50 1,1,1-Trichloroethane	97	4.155	4.155	0.000	49	6400	1.00	1.17	
$ 51 Dibromofluoromethane (Surr	113	4.204	4.204	0.000	93	136135	50.0	48.6	
52 Carbon tetrachloride	117	4.295	4.278	0.017	68	4214	1.00	0.9535	
53 1,1-Dichloropropene	75	4.327	4.327	0.000	89	4249	1.00	1.07	
54 Isooctane	57	4.517	4.525	-0.008	87	3834	1.00	1.02	
55 Benzene	78	4.541	4.541	0.000	92	12170	1.00	1.01	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.574	4.574	0.000	94	136344	50.0	47.7	
56 Isobutyl alcohol	43	4.558	4.591	-0.033	28	1363	25.0	20.5	M
59 Isopropyl acetate	87	4.681	4.648	0.033	87	3409	1.00	1.05	M
58 Tert-amyl methyl ether	73	4.648	4.648	0.000	92	9386	1.00	0.9125	
60 1,2-Dichloroethane	62	4.673	4.665	0.008	96	5153	1.00	1.13	
61 n-Heptane	57	4.755	4.764	-0.009	4	814	1.00	1.05	
* 62 Fluorobenzene	96	4.887	4.887	0.000	100	551819	50.0	50.0	
64 Trichloroethene	95	5.290	5.299	-0.009	87	2526	1.00	0.8101	
65 n-Butanol	56	5.422	5.373	0.049	49	583	25.0	25.5	
66 Methylcyclohexane	83	5.422	5.422	0.000	86	2097	1.00	0.7990	
67 Ethyl acrylate	55	5.504	5.504	0.000	26	2477	1.00	0.8552	M
68 1,2-Dichloropropane	63	5.636	5.636	0.000	90	2675	1.00	1.00	
* 69 1,4-Dioxane-d8	96	5.726	5.735	-0.009	84	20900	1000.0	1000.0	M
72 Methyl methacrylate	100	5.792	5.784	0.008	82	1796	2.00	1.97	M
70 Dibromomethane	93	5.801	5.792	0.009	90	2373	1.00	1.11	
71 1,4-Dioxane	88	5.801	5.792	0.009	1	434	50.0	32.5	
73 n-Propyl acetate	43	5.875	5.875	0.000	54	2553	1.00	0.8662	
74 Dichlorobromomethane	83	5.998	5.998	0.000	90	3185	1.00	0.7832	
75 2-Nitropropane	41	6.410	6.410	0.000	47	922	2.00	1.42	
76 2-Chloroethyl vinyl ether	63	6.459	6.442	0.017	58	1351	1.00	0.8093	
77 Epichlorohydrin	57	6.558	6.549	0.009	60	2647	20.0	13.4	
78 cis-1,3-Dichloropropene	75	6.607	6.607	0.000	37	4272	1.00	0.8902	
79 4-Methyl-2-pentanone (MIBK	43	6.837	6.821	0.016	80	10427	5.00	4.94	M
$ 80 Toluene-d8 (Surr)	98	6.862	6.870	-0.008	100	475098	50.0	48.1	
81 Toluene	91	6.953	6.953	0.000	96	12053	1.00	0.9496	
82 trans-1,3-Dichloropropene	75	7.364	7.356	0.008	88	3372	1.00	0.7829	
83 Ethyl methacrylate	69	7.414	7.414	0.000	22	2469	1.00	0.6939	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,1,2-Trichloroethane	83	7.553	7.553	0.000	80	2098	1.00	0.8994	
85 Tetrachloroethene	166	7.562	7.562	0.000	89	3662	1.00	1.06	
86 1,3-Dichloropropane	76	7.743	7.735	0.008	90	4716	1.00	1.00	
87 2-Hexanone	43	7.825	7.817	0.008	90	5215	5.00	4.29	
88 Chlorodibromomethane	129	7.940	7.940	0.000	94	3016	1.00	0.8163	
89 n-Butyl acetate	73	7.940	7.940	0.000	64	356	1.00	0.6299	
90 Ethylene Dibromide	107	8.055	8.047	0.008	97	2840	1.00	0.8639	
* 91 Chlorobenzene-d5	117	8.500	8.500	0.000	82	503275	50.0	50.0	
92 Chlorobenzene	112	8.525	8.525	0.000	94	9099	1.00	0.9584	
93 Ethylbenzene	106	8.607	8.615	-0.008	97	4584	1.00	0.9732	
94 1,1,1,2-Tetrachloroethane	131	8.632	8.632	0.000	56	3315	1.00	0.8698	
95 m-Xylene & p-Xylene	106	8.730	8.730	0.000	94	6315	1.00	1.06	
96 o-Xylene	106	9.109	9.101	0.008	93	5754	1.00	0.9422	
97 n-Butyl acrylate	73	9.125	9.117	0.008	62	1877	1.00	0.7490	
98 Styrene	104	9.142	9.134	0.008	97	9796	1.00	0.9639	
100 Amyl acetate (mixed isomer	43	9.323	9.323	0.000	91	3904	1.00	0.8219	
99 Bromoform	173	9.331	9.323	0.008	91	2137	1.00	0.8164	
101 Isopropylbenzene	105	9.430	9.430	0.000	94	11670	1.00	0.9410	
$ 102 4-Bromofluorobenzene	174	9.611	9.611	0.000	96	206148	50.0	48.0	
104 Bromobenzene	156	9.726	9.726	0.000	82	5049	1.00	1.03	
105 1,1,2,2-Tetrachloroethane	83	9.792	9.784	0.008	57	3961	1.00	0.9630	
106 N-Propylbenzene	91	9.792	9.792	0.000	98	13798	1.00	1.04	
107 1,2,3-Trichloropropane	110	9.817	9.817	0.000	56	1105	1.00	0.7994	
108 trans-1,4-Dichloro-2-buten	53	9.841	9.841	0.000	1	724	1.00	0.7333	
109 2-Chlorotoluene	91	9.882	9.882	0.000	95	10594	1.00	1.01	
110 4-Ethyltoluene	105	9.891	9.891	0.000	89	12431	1.00	0.9811	
111 1,3,5-Trimethylbenzene	105	9.948	9.948	0.000	93	11409	1.00	1.07	
112 4-Chlorotoluene	91	9.989	9.981	0.008	94	9376	1.00	0.9577	
113 Butyl Methacrylate	87	10.047	10.047	0.000	80	3605	1.00	0.7626	
114 tert-Butylbenzene	119	10.212	10.203	0.009	97	8635	1.00	1.06	
115 1,2,4-Trimethylbenzene	105	10.261	10.261	0.000	96	12553	1.00	1.09	
116 sec-Butylbenzene	105	10.393	10.393	0.000	97	11021	1.00	1.04	
118 4-Isopropyltoluene	119	10.508	10.508	0.000	97	9847	1.00	1.00	
117 1,3-Dichlorobenzene	146	10.516	10.516	0.000	95	7624	1.00	1.00	
* 119 1,4-Dichlorobenzene-d4	152	10.574	10.574	0.000	93	325672	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.590	10.598	-0.008	39	8339	1.00	1.03	
121 Benzyl chloride	91	10.722	10.714	0.008	98	7224	1.00	0.8817	
122 2,3-Dihydroindene	117	10.771	10.771	0.000	94	13036	1.00	0.9211	
123 p-Diethylbenzene	119	10.812	10.821	-0.009	90	5952	1.00	1.00	
124 n-Butylbenzene	91	10.837	10.837	0.000	93	8938	1.00	0.9842	
125 1,2-Dichlorobenzene	146	10.895	10.895	0.000	97	7914	1.00	0.9783	
126 1,2,4,5-Tetramethylbenzene	119	11.430	11.430	0.000	97	10570	1.00	0.9827	
127 1,2-Dibromo-3-Chloropropan	75	11.537	11.528	0.009	45	820	1.00	1.08	
128 1,3,5-Trichlorobenzene	180	11.635	11.635	0.000	92	5514	1.00	1.07	
130 1,2,4-Trichlorobenzene	180	12.121	12.121	0.000	88	4944	1.00	1.01	
131 Hexachlorobutadiene	225	12.203	12.203	0.000	72	2169	1.00	1.12	
132 Naphthalene	128	12.318	12.318	0.000	98	12569	1.00	0.9512	
133 1,2,3-Trichlorobenzene	180	12.516	12.516	0.000	93	5040	1.00	1.11	
S 134 1,2-Dichloroethene, Total	100				0		2.00	2.24	
S 135 Xylenes, Total	100				0		2.00	2.01	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260SURR250_00096	Amount Added:	1.00	Units: uL	
ACROLEIN W_00043	Amount Added:	4.00	Units: uL	
GAS Hi_00119	Amount Added:	1.00	Units: uL	
MIX I Hi_00048	Amount Added:	1.00	Units: uL	
MIX 2 Hi_00036	Amount Added:	1.00	Units: uL	
14DIOXINTER_00045	Amount Added:	30.00	Units: uL	
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

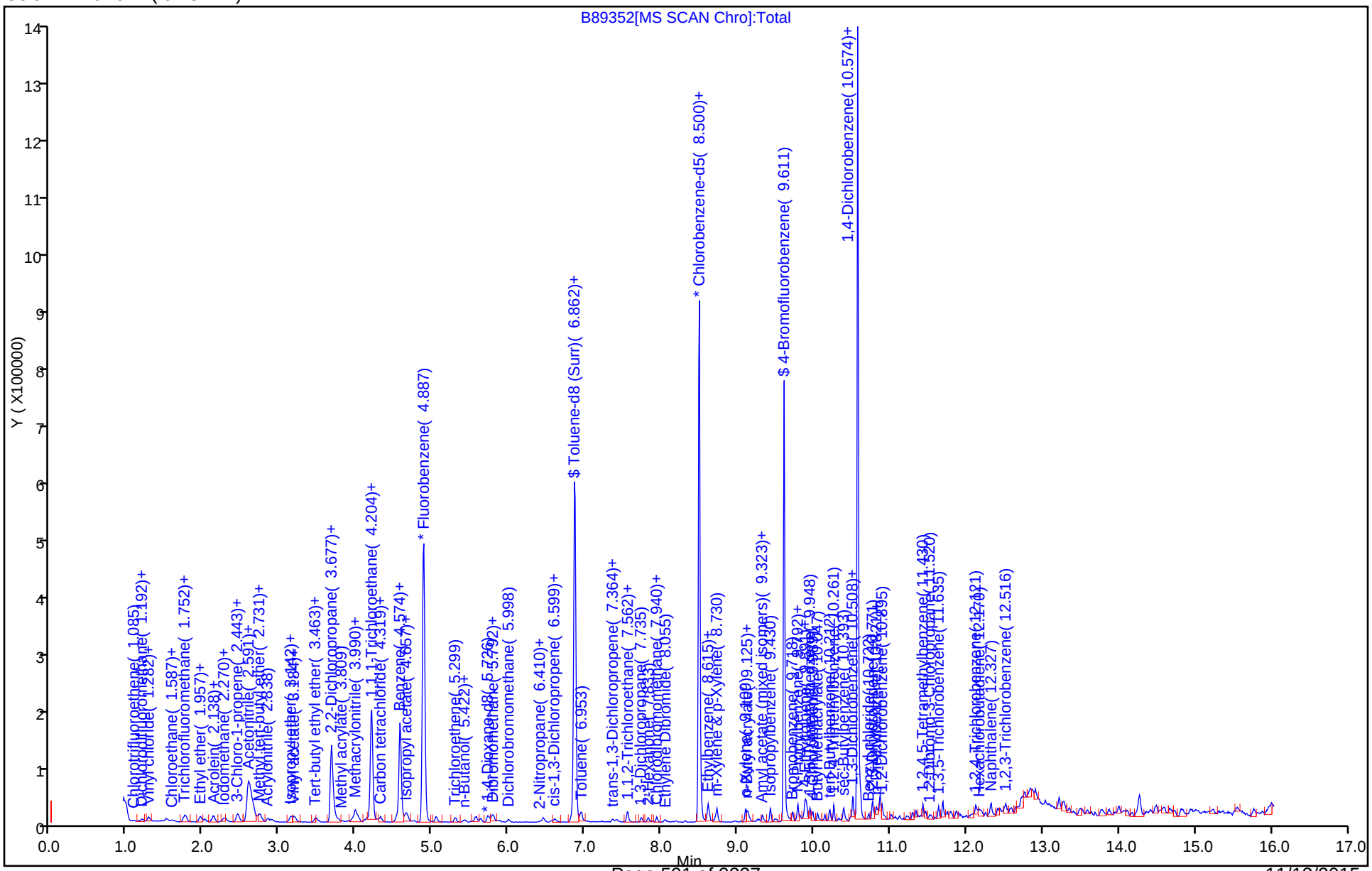
Report Date: 01-Nov-2015 16:34:53 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89352.D

Injection Date:	31-Oct-2015 13:49:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89353.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 31-Oct-2015 14:13:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0033659-004
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub58

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 01-Nov-2015 16:35:04 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: tupayachia Date: 01-Nov-2015 05:29:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.077	1.068	0.009	53	3290	5.00	6.06	
2 Dichlorodifluoromethane	85	1.101	1.093	0.008	97	21541	5.00	5.45	
3 Chloromethane	50	1.208	1.208	0.000	96	14019	5.00	5.39	M
5 Butadiene	54	1.291	1.291	0.000	91	12466	5.00	5.29	
4 Vinyl chloride	62	1.299	1.291	0.008	97	18021	5.00	5.88	
6 Bromomethane	94	1.521	1.521	0.000	96	14984	5.00	5.87	
7 Chloroethane	64	1.587	1.579	0.008	97	10897	5.00	6.23	
10 Trichlorofluoromethane	101	1.760	1.752	0.008	61	27029	5.00	5.34	
9 Dichlorofluoromethane	67	1.760	1.752	0.008	97	34891	5.00	6.20	
8 Pentane	72	1.776	1.768	0.008	93	4376	10.0	11.9	
12 Ethanol	46	1.957	1.941	0.016	62	423	200.0	149.3	
11 Ethyl ether	59	1.957	1.949	0.008	86	13315	5.00	6.31	
13 2-Methyl-1,3-butadiene	53	1.965	1.957	0.008	96	13422	5.00	5.88	
14 1,2-Dichloro-1,1,2-trifluo	117	2.023	2.023	0.000	84	17905	5.00	6.19	
15 Acrolein	56	2.122	2.114	0.008	54	10857	20.0	20.6	
16 1,1,2-Trichloro-1,2,2-trif	101	2.114	2.114	0.000	76	15520	5.00	5.55	
17 1,1-Dichloroethene	96	2.130	2.130	0.000	96	19890	5.00	6.28	
18 Acetone	43	2.237	2.229	0.008	82	12084	25.0	23.1	M
19 Iodomethane	142	2.270	2.262	0.008	97	41734	5.00	6.19	
20 Carbon disulfide	76	2.295	2.286	0.009	98	59033	5.00	5.99	
21 Isopropyl alcohol	45	2.393	2.361	0.032	47	4046	50.0	74.6	
22 3-Chloro-1-propene	76	2.435	2.443	-0.008	41	10544	5.00	6.03	
23 Cyclopentene	67	2.451	2.451	0.000	82	43054	5.00	6.25	
24 Methyl acetate	43	2.459	2.459	0.000	96	59592	25.0	32.2	
25 Acetonitrile	41	2.542	2.517	0.025	58	12056	50.0	55.7	M
26 Methylene Chloride	84	2.574	2.574	0.000	80	21473	5.00	6.24	
* 27 TBA-d9 (IS)	65	2.591	2.599	-0.008	92	197403	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.673	2.673	0.000	91	11048	50.0	54.4	M
29 Methyl tert-butyl ether	73	2.731	2.723	0.008	94	59468	5.00	6.33	
30 trans-1,2-Dichloroethene	96	2.755	2.747	0.008	89	20932	5.00	6.10	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.838	2.830	0.008	94	51656	50.0	59.7	
32 Hexane	43	2.904	2.895	0.009	87	5733	5.00	5.76	
34 Isopropyl ether	45	3.151	3.142	0.008	89	47268	5.00	6.21	
33 1,1-Dichloroethane	63	3.159	3.151	0.008	98	31999	5.00	6.28	
36 Vinyl acetate	86	3.200	3.183	0.017	99	4390	10.0	12.0	
35 2-Chloro-1,3-butadiene	88	3.200	3.192	0.008	89	15867	5.00	5.58	
38 Tert-butyl ethyl ether	59	3.480	3.472	0.008	89	58184	5.00	6.46	
39 2,2-Dichloropropane	41	3.685	3.669	0.016	54	16979	5.00	7.26	
* 158 2-Butanone-d5	46	3.677	3.677	0.000	99	186476	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.718	3.710	0.008	97	23009	5.00	6.17	
41 2-Butanone (MEK)	72	3.743	3.735	0.008	96	8058	25.0	31.8	
42 Ethyl acetate	70	3.768	3.760	0.008	93	2827	10.0	14.6	
43 Methyl acrylate	55	3.809	3.809	0.000	96	11543	5.00	5.74	
44 Propionitrile	54	3.891	3.883	0.008	97	15669	50.0	58.2	
46 Tetrahydrofuran	72	3.957	3.949	0.008	55	3914	10.0	12.3	
45 Chlorobromomethane	128	3.957	3.957	0.000	67	12831	5.00	6.40	
47 Methacrylonitrile	67	3.990	3.982	0.008	90	71670	50.0	66.3	
48 Chloroform	83	4.031	4.031	0.000	98	34651	5.00	6.23	
49 Cyclohexane	84	4.138	4.130	0.008	58	16909	5.00	5.46	
50 1,1,1-Trichloroethane	97	4.163	4.155	0.008	95	29878	5.00	5.71	
$ 51 Dibromofluoromethane (Surr	113	4.204	4.204	0.000	93	140865	50.0	52.4	
52 Carbon tetrachloride	117	4.286	4.278	0.008	96	23393	5.00	5.52	
53 1,1-Dichloropropene	75	4.336	4.327	0.009	95	22170	5.00	5.82	
54 Isooctane	57	4.525	4.525	0.000	91	19797	5.00	5.51	
55 Benzene	78	4.550	4.541	0.009	95	67066	5.00	5.76	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.582	4.574	0.008	93	139409	50.0	50.8	
56 Isobutyl alcohol	43	4.582	4.591	-0.009	1	7503	125.0	112.2	M
59 Isopropyl acetate	87	4.648	4.648	0.000	97	19917	5.00	6.39	
58 Tert-amyl methyl ether	73	4.657	4.648	0.009	92	62439	5.00	6.33	
60 1,2-Dichloroethane	62	4.665	4.665	0.000	81	27822	5.00	6.38	
61 n-Heptane	57	4.755	4.764	-0.009	69	3811	5.00	5.12	
* 62 Fluorobenzene	96	4.887	4.887	0.000	100	529280	50.0	50.0	
64 Trichloroethene	95	5.298	5.299	-0.001	93	17991	5.00	6.02	
65 n-Butanol	56	5.414	5.373	0.041	31	1913	125.0	116.4	M
66 Methylcyclohexane	83	5.430	5.422	0.008	92	12741	5.00	5.06	
67 Ethyl acrylate	55	5.512	5.504	0.008	96	14715	5.00	5.30	
68 1,2-Dichloropropane	63	5.636	5.636	0.000	91	16277	5.00	6.33	
* 69 1,4-Dioxane-d8	96	5.735	5.735	0.000	86	22635	1000.0	1000.0	M
72 Methyl methacrylate	100	5.792	5.784	0.008	86	10358	10.0	11.9	
70 Dibromomethane	93	5.792	5.792	0.000	66	12444	5.00	6.07	
71 1,4-Dioxane	88	5.784	5.792	-0.008	29	1675	100.0	115.8	
73 n-Propyl acetate	43	5.875	5.875	0.000	97	16538	5.00	5.85	
74 Dichlorobromomethane	83	6.006	5.998	0.008	99	23350	5.00	5.99	
75 2-Nitropropane	41	6.418	6.410	0.008	97	6297	10.0	10.1	
76 2-Chloroethyl vinyl ether	63	6.442	6.442	0.000	88	9298	5.00	5.81	
77 Epichlorohydrin	57	6.558	6.549	0.009	94	24232	100.0	121.3	
78 cis-1,3-Dichloropropene	75	6.607	6.607	0.000	92	27602	5.00	5.93	
79 4-Methyl-2-pentanone (MIBK	43	6.821	6.821	0.000	94	66584	25.0	31.2	
$ 80 Toluene-d8 (Surr)	98	6.870	6.870	0.000	99	484036	50.0	50.5	
81 Toluene	91	6.953	6.953	0.000	94	71076	5.00	5.78	
82 trans-1,3-Dichloropropene	75	7.364	7.356	0.008	95	24367	5.00	5.84	
83 Ethyl methacrylate	69	7.414	7.414	0.000	86	20017	5.00	5.80	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,1,2-Trichloroethane	83	7.553	7.553	0.000	88	13104	5.00	5.79	
85 Tetrachloroethene	166	7.562	7.562	0.000	91	17063	5.00	5.10	
86 1,3-Dichloropropane	76	7.743	7.735	0.008	89	28668	5.00	6.26	
87 2-Hexanone	43	7.825	7.817	0.008	91	35063	25.0	28.5	
88 Chlorodibromomethane	129	7.940	7.940	0.000	96	20110	5.00	5.61	
89 n-Butyl acetate	73	7.940	7.940	0.000	76	3140	5.00	5.73	
90 Ethylene Dibromide	107	8.047	8.047	0.000	94	20963	5.00	6.58	
* 91 Chlorobenzene-d5	117	8.500	8.500	0.000	82	487890	50.0	50.0	
92 Chlorobenzene	112	8.525	8.525	-0.001	97	55255	5.00	6.00	
93 Ethylbenzene	106	8.615	8.615	0.000	96	25969	5.00	5.69	
94 1,1,1,2-Tetrachloroethane	131	8.632	8.632	0.000	90	21811	5.00	5.90	
95 m-Xylene & p-Xylene	106	8.730	8.730	0.000	95	31835	5.00	5.53	
96 o-Xylene	106	9.109	9.101	0.008	95	33180	5.00	5.60	
97 n-Butyl acrylate	73	9.117	9.117	0.000	98	13815	5.00	5.69	
98 Styrene	104	9.134	9.134	0.000	98	54706	5.00	5.55	
100 Amyl acetate (mixed isomer	43	9.323	9.323	0.000	91	25476	5.00	5.62	
99 Bromoform	173	9.323	9.323	0.000	71	13985	5.00	5.51	
101 Isopropylbenzene	105	9.430	9.430	0.000	94	65262	5.00	5.43	
$ 102 4-Bromofluorobenzene	174	9.611	9.611	0.000	97	208858	50.0	50.2	
104 Bromobenzene	156	9.726	9.726	0.000	88	27375	5.00	5.86	
105 1,1,2,2-Tetrachloroethane	83	9.784	9.784	0.000	97	24162	5.00	6.15	
106 N-Propylbenzene	91	9.792	9.792	0.000	100	70273	5.00	5.57	
107 1,2,3-Trichloropropane	110	9.817	9.817	0.000	96	8563	5.00	6.49	
108 trans-1,4-Dichloro-2-buten	53	9.841	9.841	0.000	65	5702	5.00	6.05	
109 2-Chlorotoluene	91	9.882	9.882	0.000	97	56668	5.00	5.65	
110 4-Ethyltoluene	105	9.891	9.891	0.000	97	75498	5.00	6.24	
111 1,3,5-Trimethylbenzene	105	9.948	9.948	0.000	93	56869	5.00	5.59	
112 4-Chlorotoluene	91	9.989	9.981	0.008	94	52155	5.00	5.58	
113 Butyl Methacrylate	87	10.047	10.047	0.000	84	24940	5.00	5.53	
114 tert-Butylbenzene	119	10.212	10.203	0.009	96	39344	5.00	5.04	
115 1,2,4-Trimethylbenzene	105	10.261	10.261	0.000	96	61836	5.00	5.62	
116 sec-Butylbenzene	105	10.393	10.393	0.000	98	50661	5.00	4.99	
118 4-Isopropyltoluene	119	10.508	10.508	0.000	98	47831	5.00	5.10	
117 1,3-Dichlorobenzene	146	10.516	10.516	0.000	97	43791	5.00	5.99	
* 119 1,4-Dichlorobenzene-d4	152	10.574	10.574	0.000	93	310879	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.598	10.598	0.000	91	45138	5.00	5.86	
121 Benzyl chloride	91	10.722	10.714	0.008	99	43567	5.00	5.57	
122 2,3-Dihydroindene	117	10.771	10.771	0.000	93	86197	5.00	6.38	
123 p-Diethylbenzene	119	10.821	10.821	0.000	96	33596	5.00	5.90	
124 n-Butylbenzene	91	10.837	10.837	0.000	96	44501	5.00	5.13	
125 1,2-Dichlorobenzene	146	10.895	10.895	0.000	99	47359	5.00	6.13	
126 1,2,4,5-Tetramethylbenzene	119	11.430	11.430	0.000	98	64147	5.00	6.25	
127 1,2-Dibromo-3-Chloropropan	75	11.528	11.528	0.000	89	4192	5.00	5.76	
128 1,3,5-Trichlorobenzene	180	11.635	11.635	0.000	95	29238	5.00	5.93	
130 1,2,4-Trichlorobenzene	180	12.121	12.121	0.000	92	26818	5.00	5.72	
131 Hexachlorobutadiene	225	12.203	12.203	0.000	95	8681	5.00	4.71	
132 Naphthalene	128	12.318	12.318	0.000	99	72264	5.00	5.73	
133 1,2,3-Trichlorobenzene	180	12.516	12.516	0.000	94	23435	5.00	5.43	
S 134 1,2-Dichloroethene, Total	100				0		10.0	12.3	
S 135 Xylenes, Total	100				0		10.0	11.1	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260SURR250_00096	Amount Added:	1.00	Units: uL	
ACROLEIN W_00043	Amount Added:	4.00	Units: uL	
GAS Hi_00119	Amount Added:	1.00	Units: uL	
MIX I Hi_00048	Amount Added:	1.00	Units: uL	
MIX 2 Hi_00036	Amount Added:	1.00	Units: uL	
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

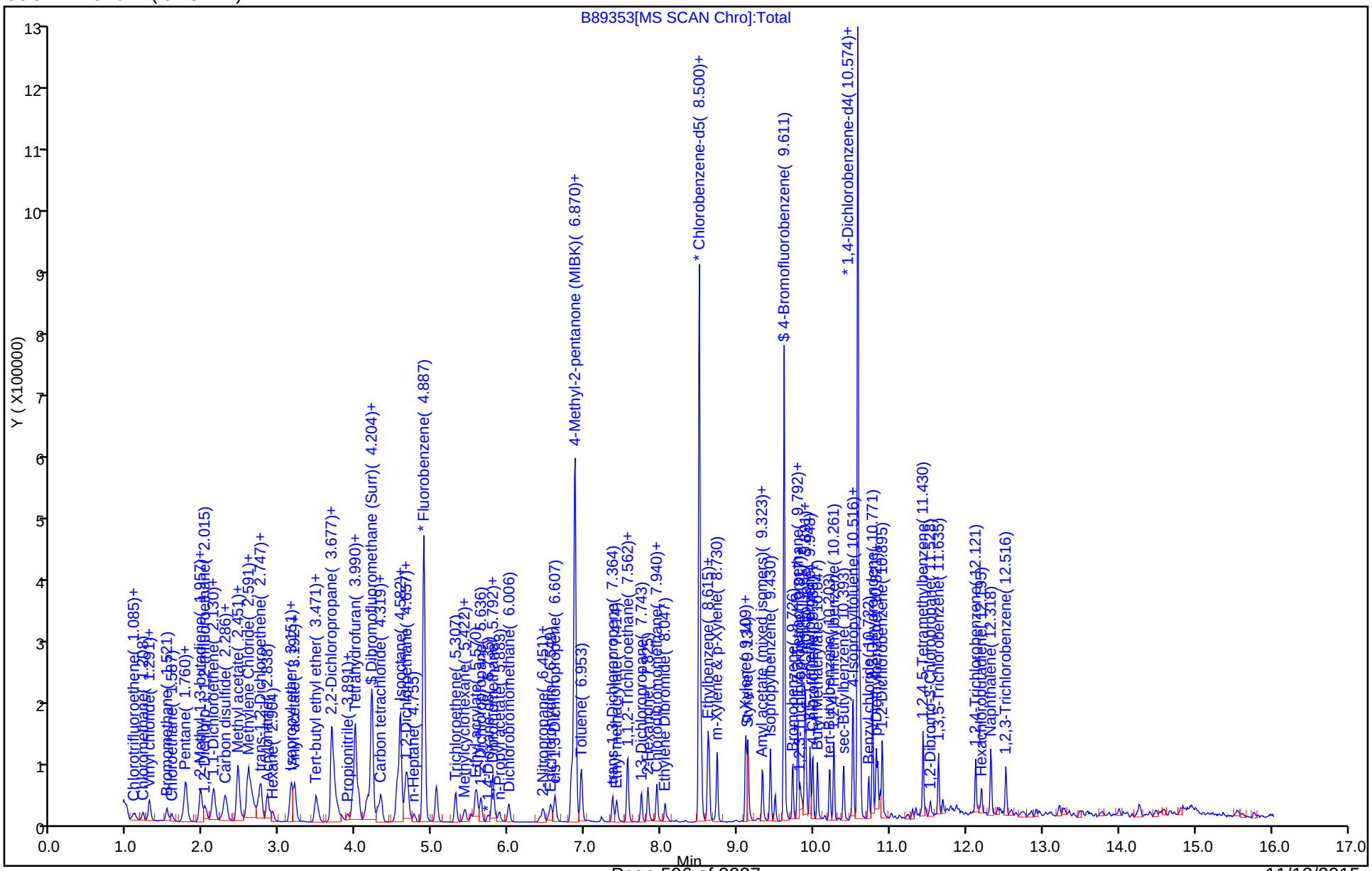
Report Date: 01-Nov-2015 16:35:08 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89353.D

Injection Date:	31-Oct-2015 14:13:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD5			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89354.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 31-Oct-2015 14:37:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0033659-005
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub58

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 01-Nov-2015 16:35:18 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: tupayachia Date: 01-Nov-2015 05:27:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.068	1.068	0.000	56	11369	20.0	21.3	
2 Dichlorodifluoromethane	85	1.093	1.093	0.000	98	72805	20.0	18.7	
3 Chloromethane	50	1.208	1.208	0.000	98	49120	20.0	19.1	
5 Butadiene	54	1.291	1.291	0.000	86	43232	20.0	18.6	
4 Vinyl chloride	62	1.291	1.291	0.000	91	56896	20.0	18.8	
6 Bromomethane	94	1.521	1.521	0.000	99	51215	20.0	20.3	
7 Chloroethane	64	1.579	1.579	0.000	98	34003	20.0	19.7	
10 Trichlorofluoromethane	101	1.752	1.752	0.000	72	96373	20.0	19.3	
9 Dichlorofluoromethane	67	1.752	1.752	0.000	97	106812	20.0	19.3	
8 Pentane	72	1.768	1.768	0.000	96	12919	40.0	35.7	
12 Ethanol	46	1.941	1.941	0.000	65	2545	800.0	909.3	
11 Ethyl ether	59	1.949	1.949	0.000	92	43515	20.0	20.9	
13 2-Methyl-1,3-butadiene	53	1.957	1.957	0.000	95	40264	20.0	17.9	
14 1,2-Dichloro-1,1,2-trifluo	117	2.023	2.023	0.000	92	54581	20.0	19.1	
15 Acrolein	56	2.114	2.114	0.000	48	19399	40.0	37.3	
16 1,1,2-Trichloro-1,2,2-trif	101	2.114	2.114	0.000	53	49375	20.0	17.9	
17 1,1-Dichloroethene	96	2.130	2.130	0.000	94	60888	20.0	19.5	
18 Acetone	43	2.229	2.229	0.000	86	49133	100.0	95.7	
19 Iodomethane	142	2.262	2.262	0.000	97	132831	20.0	20.0	
20 Carbon disulfide	76	2.286	2.286	0.000	98	190520	20.0	19.6	
21 Isopropyl alcohol	45	2.361	2.361	0.000	24	11704	200.0	216.5	
22 3-Chloro-1-propene	76	2.443	2.443	0.000	50	33531	20.0	19.4	
23 Cyclopentene	67	2.451	2.451	0.000	74	110988	20.0	16.3	
24 Methyl acetate	43	2.459	2.459	0.000	97	182403	100.0	99.9	
25 Acetonitrile	41	2.517	2.517	0.000	90	40584	200.0	190.2	
26 Methylene Chloride	84	2.574	2.574	0.000	83	68752	20.0	20.3	
* 27 TBA-d9 (IS)	65	2.599	2.599	0.000	95	195062	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.673	2.673	0.000	91	40754	200.0	202.9	
29 Methyl tert-butyl ether	73	2.723	2.723	0.000	95	185424	20.0	20.0	
30 trans-1,2-Dichloroethene	96	2.747	2.747	0.000	90	63748	20.0	18.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.830	2.830	0.000	92	165079	200.0	194.4	
32 Hexane	43	2.895	2.895	0.000	90	15457	20.0	15.7	
34 Isopropyl ether	45	3.142	3.142	0.000	94	151052	20.0	20.1	
33 1,1-Dichloroethane	63	3.151	3.151	0.000	99	101253	20.0	20.2	
36 Vinyl acetate	86	3.183	3.183	0.000	99	14204	40.0	39.3	
35 2-Chloro-1,3-butadiene	88	3.192	3.192	0.000	90	51233	20.0	18.3	
38 Tert-butyl ethyl ether	59	3.472	3.472	0.000	89	169627	20.0	19.1	
39 2,2-Dichloropropane	41	3.669	3.669	0.000	70	47030	20.0	20.5	
* 158 2-Butanone-d5	46	3.677	3.677	0.000	89	183391	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.710	3.710	0.000	95	71655	20.0	19.5	
41 2-Butanone (MEK)	72	3.735	3.735	0.000	98	23755	100.0	95.3	
42 Ethyl acetate	70	3.760	3.760	0.000	93	7473	40.0	39.3	
43 Methyl acrylate	55	3.809	3.809	0.000	98	38943	20.0	19.7	
44 Propionitrile	54	3.883	3.883	0.000	99	54154	200.0	203.4	
46 Tetrahydrofuran	72	3.949	3.949	0.000	68	13195	40.0	42.1	
45 Chlorobromomethane	128	3.957	3.957	0.000	74	37946	20.0	19.2	
47 Methacrylonitrile	67	3.982	3.982	0.000	87	213499	200.0	200.2	
48 Chloroform	83	4.031	4.031	0.000	97	109634	20.0	20.0	
49 Cyclohexane	84	4.130	4.130	0.000	85	56142	20.0	18.4	
50 1,1,1-Trichloroethane	97	4.155	4.155	0.000	97	92099	20.0	17.9	
$ 51 Dibromofluoromethane (Surr	113	4.204	4.204	0.000	92	137256	50.0	51.8	
52 Carbon tetrachloride	117	4.278	4.278	0.000	97	75717	20.0	18.1	
53 1,1-Dichloropropene	75	4.327	4.327	0.000	95	67989	20.0	18.1	
54 Isooctane	57	4.525	4.525	0.000	95	61580	20.0	17.4	
55 Benzene	78	4.541	4.541	0.000	95	220876	20.0	19.5	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.574	4.574	0.000	92	139700	50.0	51.6	
56 Isobutyl alcohol	43	4.591	4.591	0.000	1	31200	500.0	472.0	M
59 Isopropyl acetate	87	4.648	4.648	0.000	97	57068	20.0	18.6	
58 Tert-amyl methyl ether	73	4.648	4.648	0.000	92	191847	20.0	19.7	
60 1,2-Dichloroethane	62	4.665	4.665	0.000	97	80757	20.0	18.8	
61 n-Heptane	57	4.764	4.764	0.000	84	12698	20.0	17.3	
* 62 Fluorobenzene	96	4.887	4.887	0.000	100	521820	50.0	50.0	
64 Trichloroethene	95	5.299	5.299	0.000	96	58297	20.0	19.8	
65 n-Butanol	56	5.373	5.373	0.000	67	6327	500.0	413.9	
66 Methylcyclohexane	83	5.422	5.422	0.000	91	46376	20.0	18.7	
67 Ethyl acrylate	55	5.504	5.504	0.000	98	52484	20.0	19.2	
68 1,2-Dichloropropane	63	5.636	5.636	0.000	89	47766	20.0	18.8	
* 69 1,4-Dioxane-d8	96	5.735	5.735	0.000	86	22727	1000.0	1000.0	M
72 Methyl methacrylate	100	5.784	5.784	0.000	79	33143	40.0	38.5	
70 Dibromomethane	93	5.792	5.792	0.000	89	38895	20.0	19.2	
71 1,4-Dioxane	88	5.792	5.792	0.000	30	6092	400.0	420.9	M
73 n-Propyl acetate	43	5.875	5.875	0.000	98	58892	20.0	21.1	
74 Dichlorobromomethane	83	5.998	5.998	0.000	99	77901	20.0	20.3	
75 2-Nitropropane	41	6.410	6.410	0.000	99	25229	40.0	41.2	
76 2-Chloroethyl vinyl ether	63	6.442	6.442	0.000	93	33040	20.0	20.9	
77 Epichlorohydrin	57	6.549	6.549	0.000	97	75075	400.0	382.9	
78 cis-1,3-Dichloropropene	75	6.607	6.607	0.000	89	89530	20.0	19.8	
79 4-Methyl-2-pentanone (MIBK	43	6.821	6.821	0.000	94	210026	100.0	99.9	
$ 80 Toluene-d8 (Surr)	98	6.870	6.870	0.000	99	481017	50.0	51.6	
81 Toluene	91	6.953	6.953	0.000	93	236905	20.0	19.8	
82 trans-1,3-Dichloropropene	75	7.356	7.356	0.000	95	81372	20.0	20.0	
83 Ethyl methacrylate	69	7.414	7.414	0.000	86	68858	20.0	20.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,1,2-Trichloroethane	83	7.553	7.553	0.000	94	43820	20.0	19.9	
85 Tetrachloroethene	166	7.562	7.562	0.000	93	62345	20.0	19.2	
86 1,3-Dichloropropane	76	7.735	7.735	0.000	90	87817	20.0	19.7	
87 2-Hexanone	43	7.817	7.817	0.000	92	122205	100.0	100.9	
88 Chlorodibromomethane	129	7.940	7.940	0.000	97	71031	20.0	20.4	
89 n-Butyl acetate	73	7.940	7.940	0.000	95	11323	20.0	21.3	
90 Ethylene Dibromide	107	8.047	8.047	0.000	99	59201	20.0	19.1	
* 91 Chlorobenzene-d5	117	8.500	8.500	0.000	83	474463	50.0	50.0	
92 Chlorobenzene	112	8.525	8.525	0.000	98	177946	20.0	19.9	
93 Ethylbenzene	106	8.615	8.615	0.000	97	86985	20.0	19.6	
94 1,1,1,2-Tetrachloroethane	131	8.632	8.632	0.000	94	70114	20.0	19.5	
95 m-Xylene & p-Xylene	106	8.730	8.730	0.000	94	108993	20.0	19.5	
96 o-Xylene	106	9.101	9.101	0.000	95	114999	20.0	20.0	
97 n-Butyl acrylate	73	9.117	9.117	0.000	99	46012	20.0	19.5	
98 Styrene	104	9.134	9.134	0.000	98	193813	20.0	20.2	
100 Amyl acetate (mixed isomer	43	9.323	9.323	0.000	92	89358	20.0	19.8	
99 Bromoform	173	9.323	9.323	0.000	70	47557	20.0	19.3	
101 Isopropylbenzene	105	9.430	9.430	0.000	94	230594	20.0	19.7	
$ 102 4-Bromofluorobenzene	174	9.611	9.611	0.000	97	212650	50.0	52.5	
104 Bromobenzene	156	9.726	9.726	0.000	87	91763	20.0	19.8	
105 1,1,2,2-Tetrachloroethane	83	9.784	9.784	0.000	96	75488	20.0	19.3	
106 N-Propylbenzene	91	9.792	9.792	0.000	100	237124	20.0	18.9	
107 1,2,3-Trichloropropane	110	9.817	9.817	0.000	96	27013	20.0	20.6	
108 trans-1,4-Dichloro-2-buten	53	9.841	9.841	0.000	78	18530	20.0	19.8	
109 2-Chlorotoluene	91	9.882	9.882	0.000	97	192469	20.0	19.3	
110 4-Ethyltoluene	105	9.891	9.891	0.000	98	226444	20.0	18.8	
111 1,3,5-Trimethylbenzene	105	9.948	9.948	0.000	93	194091	20.0	19.2	
112 4-Chlorotoluene	91	9.981	9.981	0.000	95	186072	20.0	20.0	
113 Butyl Methacrylate	87	10.047	10.047	0.000	85	88638	20.0	19.8	
114 tert-Butylbenzene	119	10.203	10.203	0.000	96	143584	20.0	18.5	
115 1,2,4-Trimethylbenzene	105	10.261	10.261	0.000	96	204850	20.0	18.8	
116 sec-Butylbenzene	105	10.393	10.393	0.000	99	188778	20.0	18.7	
118 4-Isopropyltoluene	119	10.508	10.508	0.000	98	179303	20.0	19.2	
117 1,3-Dichlorobenzene	146	10.516	10.516	0.000	98	143706	20.0	19.8	
* 119 1,4-Dichlorobenzene-d4	152	10.574	10.574	0.000	93	308899	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.598	10.598	0.000	96	152671	20.0	20.0	
121 Benzyl chloride	91	10.714	10.714	0.000	100	149563	20.0	19.2	
122 2,3-Dihydroindene	117	10.771	10.771	0.000	94	273877	20.0	20.4	
123 p-Diethylbenzene	119	10.821	10.821	0.000	96	109106	20.0	19.3	
124 n-Butylbenzene	91	10.837	10.837	0.000	97	166337	20.0	19.3	
125 1,2-Dichlorobenzene	146	10.895	10.895	0.000	99	151125	20.0	19.7	
126 1,2,4,5-Tetramethylbenzene	119	11.430	11.430	0.000	98	196698	20.0	19.3	
127 1,2-Dibromo-3-Chloropropan	75	11.528	11.528	0.000	89	13058	20.0	18.1	
128 1,3,5-Trichlorobenzene	180	11.635	11.635	0.000	96	94210	20.0	19.2	
130 1,2,4-Trichlorobenzene	180	12.121	12.121	0.000	93	91105	20.0	19.6	
131 Hexachlorobutadiene	225	12.203	12.203	0.000	97	32960	20.0	18.0	
132 Naphthalene	128	12.318	12.318	0.000	99	247206	20.0	19.7	
133 1,2,3-Trichlorobenzene	180	12.516	12.516	0.000	95	84095	20.0	19.6	
S 134 1,2-Dichloroethene, Total	100				0		40.0	38.3	
S 135 Xylenes, Total	100				0		40.0	39.4	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260SURR250_00096	Amount Added:	1.00	Units: uL	
ACROLEIN W_00043	Amount Added:	4.00	Units: uL	
GAS Hi_00119	Amount Added:	2.00	Units: uL	
MIX I Hi_00048	Amount Added:	2.00	Units: uL	
MIX 2 Hi_00036	Amount Added:	2.00	Units: uL	
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

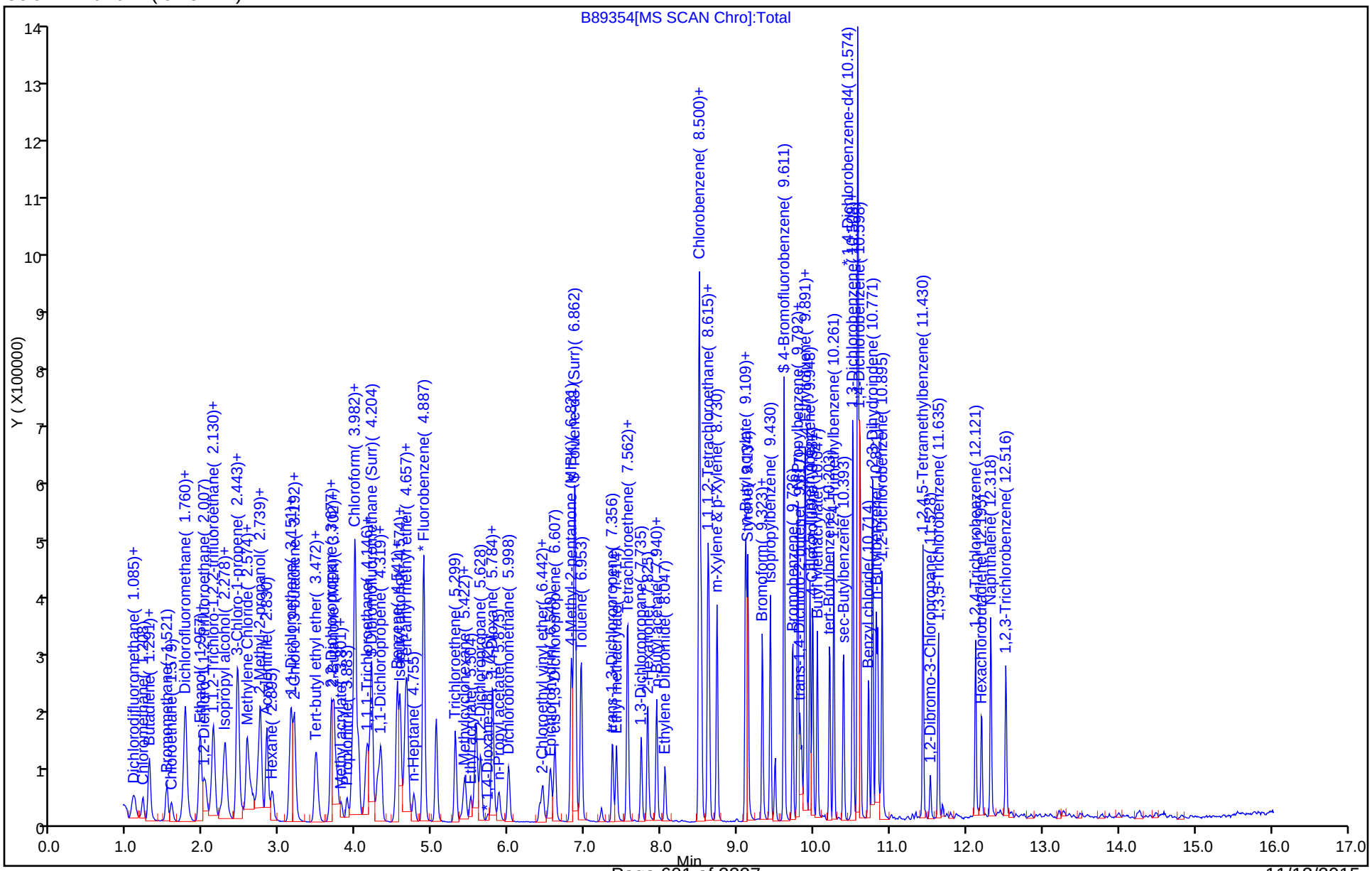
Report Date: 01-Nov-2015 16:35:19 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89354.D

Injection Date:	31-Oct-2015 14:37:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD20			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89355.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 31-Oct-2015 15:01:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0033659-006
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub58

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 01-Nov-2015 16:35:26 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: tupayachia Date: 01-Nov-2015 05:25:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.077	1.068	0.009	65	28191	50.0	51.2	
2 Dichlorodifluoromethane	85	1.093	1.093	0.000	99	214448	50.0	53.4	
3 Chloromethane	50	1.208	1.208	0.000	98	129743	50.0	49.1	
5 Butadiene	54	1.299	1.291	0.008	87	121553	50.0	50.8	
4 Vinyl chloride	62	1.299	1.291	0.008	92	148685	50.0	47.8	
6 Bromomethane	94	1.529	1.521	0.008	99	125621	50.0	48.4	
7 Chloroethane	64	1.587	1.579	0.008	99	85255	50.0	48.0	
10 Trichlorofluoromethane	101	1.760	1.752	0.008	72	272337	50.0	53.0	
9 Dichlorofluoromethane	67	1.760	1.752	0.008	98	280340	50.0	49.1	
8 Pentane	72	1.776	1.768	0.008	94	35154	100.0	95.0	
12 Ethanol	46	1.957	1.941	0.016	59	6020	2000.0	2154.4	M
11 Ethyl ether	59	1.949	1.949	0.000	94	107099	50.0	49.9	
13 2-Methyl-1,3-butadiene	53	1.966	1.957	0.009	95	112968	50.0	48.8	
14 1,2-Dichloro-1,1,2-trifluo	117	2.015	2.023	-0.008	87	142188	50.0	48.4	
15 Acrolein	56	2.114	2.114	0.000	71	49278	100.0	95.0	
16 1,1,2-Trichloro-1,2,2-trif	101	2.130	2.114	0.016	94	152917	50.0	53.9	
17 1,1-Dichloroethene	96	2.138	2.130	0.008	96	156410	50.0	48.6	
18 Acetone	43	2.229	2.229	0.000	86	128040	250.0	243.2	
19 Iodomethane	142	2.270	2.262	0.008	97	334901	50.0	48.9	
20 Carbon disulfide	76	2.295	2.286	0.009	98	508763	50.0	50.8	
21 Isopropyl alcohol	45	2.361	2.361	0.000	58	30396	500.0	551.7	
22 3-Chloro-1-propene	76	2.443	2.443	0.000	49	86737	50.0	48.8	
23 Cyclopentene	67	2.451	2.451	0.000	91	326826	50.0	46.7	
24 Methyl acetate	43	2.459	2.459	0.000	98	458793	250.0	243.8	
25 Acetonitrile	41	2.517	2.517	0.000	97	107397	500.0	488.6	
26 Methylene Chloride	84	2.575	2.574	0.001	82	165809	50.0	47.5	
* 27 TBA-d9 (IS)	65	2.608	2.599	0.009	85	194745	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.673	2.673	0.000	95	98577	500.0	491.7	
29 Methyl tert-butyl ether	73	2.731	2.723	0.008	95	467609	50.0	49.0	
30 trans-1,2-Dichloroethene	96	2.747	2.747	0.000	91	164020	50.0	47.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.830	2.830	0.000	93	419181	500.0	483.5	
32 Hexane	43	2.904	2.895	0.009	92	59520	50.0	58.8	
34 Isopropyl ether	45	3.142	3.142	0.000	94	377640	50.0	48.9	
33 1,1-Dichloroethane	63	3.159	3.151	0.008	99	258431	50.0	50.0	
36 Vinyl acetate	86	3.184	3.183	0.001	100	34423	100.0	92.5	
35 2-Chloro-1,3-butadiene	88	3.200	3.192	0.008	92	136590	50.0	47.3	
38 Tert-butyl ethyl ether	59	3.480	3.472	0.008	89	439852	50.0	48.1	
39 2,2-Dichloropropane	41	3.677	3.669	0.008	89	118138	50.0	50.2	
* 158 2-Butanone-d5	46	3.686	3.677	0.009	72	187999	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.719	3.710	0.009	99	174095	50.0	46.0	
41 2-Butanone (MEK)	72	3.735	3.735	0.000	97	61087	250.0	239.1	
42 Ethyl acetate	70	3.768	3.760	0.008	93	19949	100.0	102.4	
43 Methyl acrylate	55	3.809	3.809	0.000	99	100101	50.0	49.1	
44 Propionitrile	54	3.883	3.883	0.000	97	138651	500.0	521.7	
46 Tetrahydrofuran	72	3.949	3.949	0.000	81	32761	100.0	102.0	
45 Chlorobromomethane	128	3.957	3.957	0.000	73	99016	50.0	48.6	
47 Methacrylonitrile	67	3.990	3.982	0.008	87	541489	500.0	493.0	
48 Chloroform	83	4.031	4.031	0.000	100	270519	50.0	47.9	
49 Cyclohexane	84	4.138	4.130	0.008	85	175171	50.0	55.7	
50 1,1,1-Trichloroethane	97	4.163	4.155	0.008	97	257525	50.0	48.5	
$ 51 Dibromofluoromethane (Surr	113	4.204	4.204	0.000	88	139892	50.0	51.3	
52 Carbon tetrachloride	117	4.286	4.278	0.008	97	224469	50.0	52.1	
53 1,1-Dichloropropene	75	4.328	4.327	0.001	96	189866	50.0	49.1	
54 Isooctane	57	4.525	4.525	0.000	93	177853	50.0	48.7	
55 Benzene	78	4.542	4.541	0.001	95	572593	50.0	48.8	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.583	4.574	0.009	91	137988	50.0	49.5	
56 Isobutyl alcohol	43	4.574	4.591	-0.017	1	84196	1250.0	1275.7	M
59 Isopropyl acetate	87	4.657	4.648	0.009	98	150454	50.0	47.5	
58 Tert-amyl methyl ether	73	4.648	4.648	0.000	92	494686	50.0	49.4	
60 1,2-Dichloroethane	62	4.665	4.665	0.000	98	205021	50.0	46.3	
61 n-Heptane	57	4.764	4.764	0.000	84	41200	50.0	54.5	
* 62 Fluorobenzene	96	4.887	4.887	0.000	100	537486	50.0	50.0	
64 Trichloroethene	95	5.299	5.299	0.000	96	154397	50.0	50.8	
65 n-Butanol	56	5.364	5.373	-0.009	85	22631	1250.0	1400.1	
66 Methylcyclohexane	83	5.422	5.422	0.000	89	146444	50.0	57.3	
67 Ethyl acrylate	55	5.504	5.504	0.000	97	142765	50.0	50.6	
68 1,2-Dichloropropane	63	5.636	5.636	0.000	88	125633	50.0	48.1	
* 69 1,4-Dioxane-d8	96	5.743	5.735	0.008	69	19596	1000.0	1000.0	
72 Methyl methacrylate	100	5.784	5.784	0.000	82	85890	100.0	96.8	
70 Dibromomethane	93	5.792	5.792	0.000	88	95482	50.0	45.8	
71 1,4-Dioxane	88	5.801	5.792	0.009	31	15410	1000.0	1247.2	
73 n-Propyl acetate	43	5.875	5.875	0.000	95	136791	50.0	47.6	
74 Dichlorobromomethane	83	6.006	5.998	0.008	98	198073	50.0	50.0	
75 2-Nitropropane	41	6.410	6.410	0.000	97	67980	100.0	107.8	
76 2-Chloroethyl vinyl ether	63	6.443	6.442	0.001	90	82428	50.0	50.7	
77 Epichlorohydrin	57	6.550	6.549	0.001	98	203003	1000.0	1015.7	
78 cis-1,3-Dichloropropene	75	6.607	6.607	0.000	90	231733	50.0	49.5	
79 4-Methyl-2-pentanone (MIBK	43	6.821	6.821	0.000	94	534319	250.0	248.0	
$ 80 Toluene-d8 (Surr)	98	6.871	6.870	0.000	100	481568	50.0	49.9	
81 Toluene	91	6.953	6.953	0.000	92	623685	50.0	50.3	
82 trans-1,3-Dichloropropene	75	7.364	7.356	0.008	95	213384	50.0	50.8	
83 Ethyl methacrylate	69	7.414	7.414	0.000	87	181311	50.0	52.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,1,2-Trichloroethane	83	7.554	7.553	0.001	94	113980	50.0	50.1	
85 Tetrachloroethene	166	7.562	7.562	0.000	95	173747	50.0	51.6	
86 1,3-Dichloropropane	76	7.743	7.735	0.008	90	219544	50.0	47.6	
87 2-Hexanone	43	7.817	7.817	0.000	93	332469	250.0	267.7	
88 Chlorodibromomethane	129	7.940	7.940	0.000	98	182288	50.0	50.6	
89 n-Butyl acetate	73	7.940	7.940	0.000	83	29200	50.0	52.9	
90 Ethylene Dibromide	107	8.047	8.047	0.000	100	153822	50.0	47.9	
* 91 Chlorobenzene-d5	117	8.500	8.500	0.000	83	491178	50.0	50.0	
92 Chlorobenzene	112	8.525	8.525	0.000	97	463178	50.0	50.0	
93 Ethylbenzene	106	8.615	8.615	0.000	97	234918	50.0	51.1	
94 1,1,1,2-Tetrachloroethane	131	8.632	8.632	0.000	94	185438	50.0	49.9	
95 m-Xylene & p-Xylene	106	8.730	8.730	0.000	94	291942	50.0	50.4	
96 o-Xylene	106	9.109	9.101	0.008	95	307541	50.0	51.6	
97 n-Butyl acrylate	73	9.117	9.117	0.000	97	125188	50.0	51.2	
98 Styrene	104	9.134	9.134	0.000	98	512723	50.0	51.7	
100 Amyl acetate (mixed isomer	43	9.323	9.323	0.000	93	226670	50.0	49.0	
99 Bromoform	173	9.323	9.323	0.000	74	129545	50.0	50.7	
101 Isopropylbenzene	105	9.430	9.430	0.000	95	650976	50.0	53.8	
$ 102 4-Bromofluorobenzene	174	9.611	9.611	0.000	97	214162	50.0	51.1	
104 Bromobenzene	156	9.726	9.726	0.000	86	232601	50.0	48.8	
105 1,1,2,2-Tetrachloroethane	83	9.784	9.784	0.000	98	194525	50.0	48.6	
106 N-Propylbenzene	91	9.792	9.792	0.000	100	674264	50.0	52.4	
107 1,2,3-Trichloropropane	110	9.817	9.817	0.000	92	66632	50.0	49.5	
108 trans-1,4-Dichloro-2-buten	53	9.841	9.841	0.000	79	47493	50.0	49.4	
109 2-Chlorotoluene	91	9.883	9.882	0.001	97	519818	50.0	50.8	
110 4-Ethyltoluene	105	9.891	9.891	0.000	97	606891	50.0	49.2	
111 1,3,5-Trimethylbenzene	105	9.948	9.948	0.000	94	523855	50.0	50.5	
112 4-Chlorotoluene	91	9.981	9.981	0.000	95	497176	50.0	52.2	
113 Butyl Methacrylate	87	10.047	10.047	0.000	85	236337	50.0	51.4	
114 tert-Butylbenzene	119	10.212	10.203	0.009	96	415535	50.0	52.2	
115 1,2,4-Trimethylbenzene	105	10.261	10.261	0.000	96	569908	50.0	50.8	
116 sec-Butylbenzene	105	10.393	10.393	0.000	99	555770	50.0	53.6	
118 4-Isopropyltoluene	119	10.508	10.508	0.000	97	512111	50.0	53.5	
117 1,3-Dichlorobenzene	146	10.516	10.516	0.000	98	368952	50.0	49.5	
* 119 1,4-Dichlorobenzene-d4	152	10.574	10.574	0.000	93	316997	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.599	10.598	0.001	97	394860	50.0	50.3	
121 Benzyl chloride	91	10.714	10.714	0.000	100	406159	50.0	50.9	
122 2,3-Dihydroindene	117	10.771	10.771	0.000	94	685833	50.0	49.8	
123 p-Diethylbenzene	119	10.813	10.821	-0.008	95	278191	50.0	47.9	
124 n-Butylbenzene	91	10.837	10.837	0.000	96	466496	50.0	52.8	
125 1,2-Dichlorobenzene	146	10.895	10.895	0.000	99	394816	50.0	50.1	
126 1,2,4,5-Tetramethylbenzene	119	11.430	11.430	0.000	98	505081	50.0	48.2	
127 1,2-Dibromo-3-Chloropropan	75	11.529	11.528	0.001	89	34693	50.0	46.7	
128 1,3,5-Trichlorobenzene	180	11.636	11.635	0.001	96	244585	50.0	48.6	
130 1,2,4-Trichlorobenzene	180	12.121	12.121	0.000	94	237686	50.0	49.7	
131 Hexachlorobutadiene	225	12.203	12.203	0.000	99	99563	50.0	53.0	
132 Naphthalene	128	12.319	12.318	0.001	99	665127	50.0	51.7	
133 1,2,3-Trichlorobenzene	180	12.516	12.516	0.000	95	215589	50.0	49.0	
S 134 1,2-Dichloroethene, Total	100				0		100.0	93.0	
S 135 Xylenes, Total	100				0		100.0	102.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260SURR250_00096	Amount Added:	1.00	Units: uL	
ACROLEIN W_00043	Amount Added:	10.00	Units: uL	
GAS Hi_00119	Amount Added:	5.00	Units: uL	
MIX I Hi_00048	Amount Added:	5.00	Units: uL	
MIX 2 Hi_00036	Amount Added:	5.00	Units: uL	
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

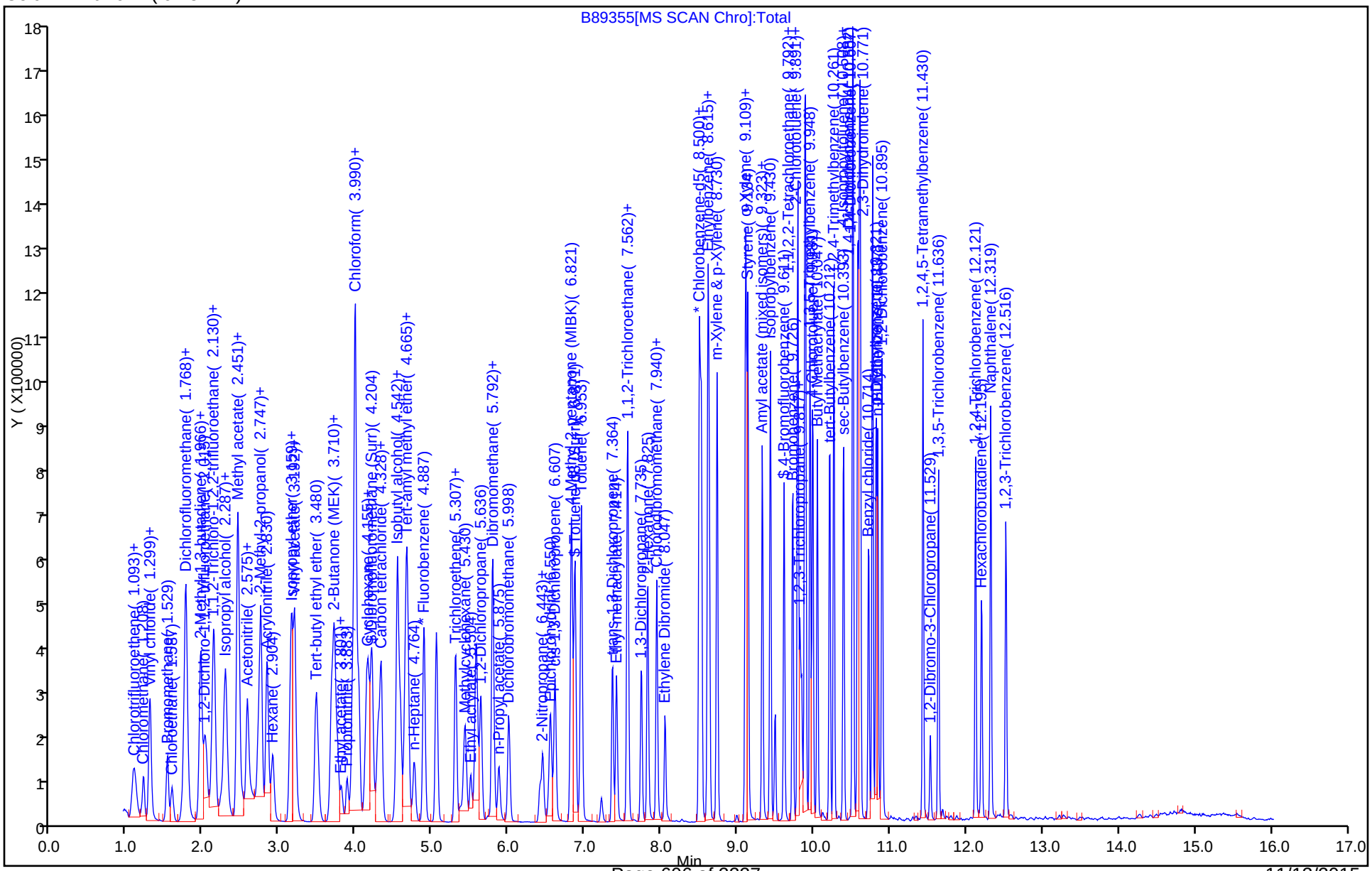
Report Date: 01-Nov-2015 16:35:28 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89355.D

Injection Date:	31-Oct-2015 15:01:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD50			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89356.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 31-Oct-2015 15:25:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0033659-007
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub58

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 01-Nov-2015 16:35:32 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: tupayachia Date: 01-Nov-2015 05:20:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.077	1.068	0.009	87	102468	200.0	181.8	
2 Dichlorodifluoromethane	85	1.093	1.093	0.000	99	805516	200.0	196.1	
3 Chloromethane	50	1.217	1.208	0.009	99	485247	200.0	179.5	
5 Butadiene	54	1.299	1.291	0.008	88	466359	200.0	190.4	
4 Vinyl chloride	62	1.299	1.291	0.008	98	573369	200.0	180.0	
6 Bromomethane	94	1.529	1.521	0.008	99	465294	200.0	175.3	
7 Chloroethane	64	1.587	1.579	0.008	99	316126	200.0	173.8	
10 Trichlorofluoromethane	101	1.760	1.752	0.008	98	1011372	200.0	192.4	
9 Dichlorofluoromethane	67	1.760	1.752	0.008	99	1059539	200.0	181.3	
8 Pentane	72	1.776	1.768	0.008	94	145418	400.0	402.7	
12 Ethanol	46	1.957	1.941	0.016	69	26813	8000.0	8915.5	
11 Ethyl ether	59	1.957	1.949	0.008	91	410496	200.0	187.1	
13 2-Methyl-1,3-butadiene	53	1.965	1.957	0.008	96	479672	200.0	202.4	
14 1,2-Dichloro-1,1,2-trifluo	117	2.023	2.023	0.000	86	535633	200.0	178.3	
15 Acrolein	56	2.114	2.114	0.000	94	107021	200.0	191.6	
16 1,1,2-Trichloro-1,2,2-trif	101	2.130	2.114	0.016	96	594429	200.0	204.7	
17 1,1-Dichloroethene	96	2.138	2.130	0.008	97	612532	200.0	186.1	
18 Acetone	43	2.229	2.229	0.000	86	548967	1000.0	937.7	
19 Iodomethane	142	2.270	2.262	0.008	97	1294847	200.0	184.9	
20 Carbon disulfide	76	2.295	2.286	0.009	98	2014114	200.0	196.7	
21 Isopropyl alcohol	45	2.344	2.361	-0.017	96	127619	2000.0	1980.5	
22 3-Chloro-1-propene	76	2.443	2.443	0.000	53	350943	200.0	193.1	
23 Cyclopentene	67	2.451	2.451	0.000	94	1411843	200.0	197.2	
24 Methyl acetate	43	2.459	2.459	0.000	99	1864768	1000.0	968.8	
25 Acetonitrile	41	2.517	2.517	0.000	94	458014	2000.0	2036.7	
26 Methylene Chloride	84	2.574	2.574	0.000	82	647961	200.0	181.3	
* 27 TBA-d9 (IS)	65	2.616	2.599	0.017	85	209601	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.681	2.673	0.008	91	404466	2000.0	1874.5	
29 Methyl tert-butyl ether	73	2.731	2.723	0.008	95	1799956	200.0	184.4	
30 trans-1,2-Dichloroethene	96	2.755	2.747	0.008	90	652426	200.0	183.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.830	2.830	0.000	93	1695001	2000.0	2007.4	
32 Hexane	43	2.904	2.895	0.009	90	202391	200.0	195.6	
34 Isopropyl ether	45	3.142	3.142	0.000	91	1498428	200.0	189.5	
33 1,1-Dichloroethane	63	3.159	3.151	0.008	99	994917	200.0	188.1	
36 Vinyl acetate	86	3.192	3.183	0.009	100	155848	400.0	409.2	
35 2-Chloro-1,3-butadiene	88	3.200	3.192	0.008	89	606164	200.0	205.2	
38 Tert-butyl ethyl ether	59	3.480	3.472	0.008	90	1756497	200.0	187.7	
39 2,2-Dichloropropane	41	3.685	3.669	0.016	93	464406	200.0	199.7	
* 158 2-Butanone-d5	46	3.685	3.677	0.008	43	209087	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.718	3.710	0.008	98	708853	200.0	183.0	
41 2-Butanone (MEK)	72	3.743	3.735	0.008	99	256799	1000.0	903.7	
42 Ethyl acetate	70	3.768	3.760	0.008	96	86434	400.0	399.0	
43 Methyl acrylate	55	3.809	3.809	0.000	99	409893	200.0	196.3	
44 Propionitrile	54	3.883	3.883	0.000	96	590054	2000.0	2062.8	
46 Tetrahydrofuran	72	3.941	3.949	-0.008	87	135406	400.0	379.2	
45 Chlorobromomethane	128	3.957	3.957	0.000	74	382755	200.0	183.8	
47 Methacrylonitrile	67	3.990	3.982	0.008	88	2218337	2000.0	1974.1	
48 Chloroform	83	4.039	4.031	0.008	99	1093517	200.0	189.4	
49 Cyclohexane	84	4.138	4.130	0.008	82	657212	200.0	204.3	
50 1,1,1-Trichloroethane	97	4.163	4.155	0.008	96	1023141	200.0	188.2	
$ 51 Dibromofluoromethane (Surr	113	4.212	4.204	0.008	44	141874	50.0	50.8	
52 Carbon tetrachloride	117	4.294	4.278	0.016	97	899246	200.0	204.2	
53 1,1-Dichloropropene	75	4.336	4.327	0.009	96	766828	200.0	193.8	
54 Isooctane	57	4.533	4.525	0.008	95	779373	200.0	208.8	
55 Benzene	78	4.541	4.541	0.000	95	2278152	200.0	191.5	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.582	4.574	0.008	93	146358	50.0	51.4	
56 Isobutyl alcohol	43	4.582	4.591	-0.009	93	408482	5000.0	5750.6	
59 Isopropyl acetate	87	4.657	4.648	0.009	98	612009	200.0	188.9	
58 Tert-amyl methyl ether	73	4.657	4.648	0.009	92	2009153	200.0	196.0	
60 1,2-Dichloroethane	62	4.665	4.665	0.000	99	800067	200.0	176.7	
61 n-Heptane	57	4.764	4.764	0.000	79	154565	200.0	200.0	
* 62 Fluorobenzene	96	4.895	4.887	0.008	99	549836	50.0	50.0	
64 Trichloroethene	95	5.307	5.299	0.008	95	627584	200.0	202.0	
65 n-Butanol	56	5.356	5.373	-0.017	86	123463	5000.0	5408.2	
66 Methylcyclohexane	83	5.422	5.422	0.000	89	568383	200.0	217.4	
67 Ethyl acrylate	55	5.504	5.504	0.000	98	639234	200.0	221.5	
68 1,2-Dichloropropane	63	5.636	5.636	0.000	89	504486	200.0	188.7	
* 69 1,4-Dioxane-d8	96	5.726	5.735	-0.009	81	25301	1000.0	1000.0	
72 Methyl methacrylate	100	5.792	5.784	0.008	81	357184	400.0	393.6	
70 Dibromomethane	93	5.792	5.792	0.000	88	390879	200.0	183.5	
71 1,4-Dioxane	88	5.800	5.792	0.008	29	60171	4000.0	3896.5	
73 n-Propyl acetate	43	5.866	5.875	-0.009	96	598449	200.0	203.8	
74 Dichlorobromomethane	83	6.006	5.998	0.008	98	826388	200.0	203.9	
75 2-Nitropropane	41	6.409	6.410	-0.001	97	292124	400.0	452.7	
76 2-Chloroethyl vinyl ether	63	6.442	6.442	0.000	92	340174	200.0	204.5	
77 Epichlorohydrin	57	6.549	6.549	0.000	98	865169	4000.0	3995.8	
78 cis-1,3-Dichloropropene	75	6.607	6.607	0.000	90	917132	200.0	193.1	
79 4-Methyl-2-pentanone (MIBK	43	6.821	6.821	0.000	94	2200713	1000.0	918.5	
$ 80 Toluene-d8 (Surr)	98	6.870	6.870	0.000	97	490904	50.0	50.2	
81 Toluene	91	6.953	6.953	0.000	94	2438314	200.0	194.1	
82 trans-1,3-Dichloropropene	75	7.356	7.356	0.000	98	862504	200.0	202.3	
83 Ethyl methacrylate	69	7.414	7.414	0.000	87	737756	200.0	209.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,1,2-Trichloroethane	83	7.553	7.553	0.000	94	451467	200.0	195.5	
85 Tetrachloroethene	166	7.562	7.562	0.000	96	671527	200.0	196.7	
86 1,3-Dichloropropane	76	7.743	7.735	0.008	91	855008	200.0	182.7	
87 2-Hexanone	43	7.825	7.817	0.008	92	1388236	1000.0	1004.9	
88 Chlorodibromomethane	129	7.940	7.940	0.000	98	742649	200.0	203.1	
89 n-Butyl acetate	73	7.940	7.940	0.000	85	121546	200.0	217.3	
90 Ethylene Dibromide	107	8.047	8.047	0.000	99	625429	200.0	192.2	
* 91 Chlorobenzene-d5	117	8.500	8.500	0.000	82	498134	50.0	50.0	
92 Chlorobenzene	112	8.525	8.525	0.000	97	1778061	200.0	189.2	
93 Ethylbenzene	106	8.615	8.615	0.000	97	898415	200.0	192.7	
94 1,1,1,2-Tetrachloroethane	131	8.632	8.632	0.000	95	749091	200.0	198.6	
95 m-Xylene & p-Xylene	106	8.730	8.730	0.000	95	1104968	200.0	188.0	
96 o-Xylene	106	9.109	9.101	0.008	96	1178240	200.0	194.9	
97 n-Butyl acrylate	73	9.117	9.117	0.000	97	532537	200.0	214.7	
98 Styrene	104	9.134	9.134	0.000	96	1961859	200.0	195.0	
100 Amyl acetate (mixed isomer	43	9.323	9.323	0.000	93	988852	200.0	214.5	
99 Bromoform	173	9.323	9.323	0.000	71	550684	200.0	212.5	
101 Isopropylbenzene	105	9.430	9.430	0.000	95	2456313	200.0	200.1	
$ 102 4-Bromofluorobenzene	174	9.611	9.611	0.000	97	210555	50.0	49.5	
104 Bromobenzene	156	9.726	9.726	0.000	87	886398	200.0	186.6	
105 1,1,2,2-Tetrachloroethane	83	9.784	9.784	0.000	98	764867	200.0	191.6	
106 N-Propylbenzene	91	9.792	9.792	0.000	99	2511263	200.0	195.7	
107 1,2,3-Trichloropropane	110	9.825	9.817	0.008	96	258700	200.0	192.8	
108 trans-1,4-Dichloro-2-buten	53	9.841	9.841	0.000	77	200734	200.0	209.5	
109 2-Chlorotoluene	91	9.882	9.882	0.000	97	2002883	200.0	196.5	
110 4-Ethyltoluene	105	9.891	9.891	0.000	97	2421219	200.0	196.9	
111 1,3,5-Trimethylbenzene	105	9.948	9.948	0.000	94	1969531	200.0	190.5	
112 4-Chlorotoluene	91	9.989	9.981	0.008	95	1857435	200.0	195.5	
113 Butyl Methacrylate	87	10.047	10.047	0.000	84	993538	200.0	216.6	
114 tert-Butylbenzene	119	10.212	10.203	0.009	96	1604547	200.0	202.2	
115 1,2,4-Trimethylbenzene	105	10.261	10.261	0.000	96	2144182	200.0	191.8	
116 sec-Butylbenzene	105	10.393	10.393	0.000	99	2116201	200.0	204.8	
118 4-Isopropyltoluene	119	10.508	10.508	0.000	98	1943818	200.0	203.8	
117 1,3-Dichlorobenzene	146	10.516	10.516	0.000	99	1405690	200.0	189.2	
* 119 1,4-Dichlorobenzene-d4	152	10.574	10.574	0.000	91	316073	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.598	10.598	0.000	97	1459938	200.0	186.6	
121 Benzyl chloride	91	10.722	10.714	0.008	100	1686676	200.0	212.1	
122 2,3-Dihydroindene	117	10.771	10.771	0.000	95	2639452	200.0	192.2	
123 p-Diethylbenzene	119	10.821	10.821	0.000	94	1149486	200.0	198.7	
124 n-Butylbenzene	91	10.837	10.837	0.000	96	1791504	200.0	203.3	
125 1,2-Dichlorobenzene	146	10.895	10.895	0.000	99	1476143	200.0	188.0	
126 1,2,4,5-Tetramethylbenzene	119	11.430	11.430	0.000	98	2036773	200.0	195.1	
127 1,2-Dibromo-3-Chloropropan	75	11.528	11.528	0.000	89	144751	200.0	195.6	
128 1,3,5-Trichlorobenzene	180	11.635	11.635	0.000	97	945019	200.0	188.4	
130 1,2,4-Trichlorobenzene	180	12.121	12.121	0.000	93	911049	200.0	191.2	
131 Hexachlorobutadiene	225	12.203	12.203	0.000	98	369319	200.0	197.2	
132 Naphthalene	128	12.318	12.318	0.000	99	2550200	200.0	198.9	
133 1,2,3-Trichlorobenzene	180	12.516	12.516	0.000	95	830001	200.0	189.1	
S 134 1,2-Dichloroethene, Total	100				0		400.0	366.0	
S 135 Xylenes, Total	100				0		400.0	383.0	

Reagents:

ACROLEIN W_00043	Amount Added:	20.00	Units: uL	
GAS Hi_00119	Amount Added:	20.00	Units: uL	
MIX I Hi_00048	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00036	Amount Added:	20.00	Units: uL	
8260SURR250_00096	Amount Added:	1.00	Units: uL	
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Nov-2015 16:35:34 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89356.D

Injection Date: 31-Oct-2015 15:25:30 Instrument ID: CVOAMS2 Operator ID:

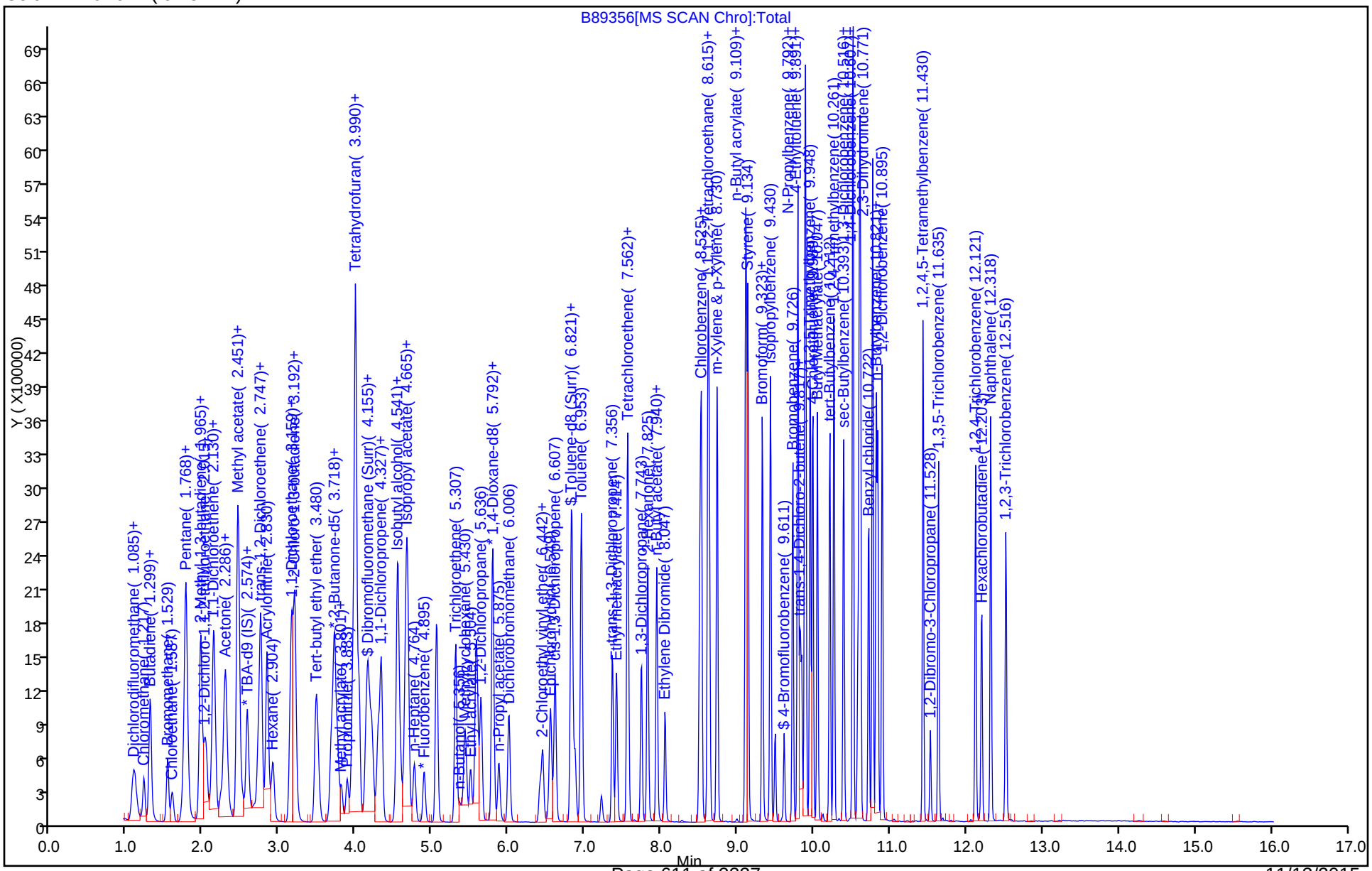
Lims ID: STD200 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 31-Oct-2015 15:49:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0033659-008
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub58

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 01-Nov-2015 16:35:38 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: tupayachia Date: 01-Nov-2015 05:19:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.069	1.068	0.001	90	279265	500.0	462.6	
2 Dichlorodifluoromethane	85	1.093	1.093	0.000	99	2134213	500.0	485.0	
3 Chloromethane	50	1.217	1.208	0.009	99	1285309	500.0	443.8	
5 Butadiene	54	1.299	1.291	0.008	87	1288659	500.0	491.1	
4 Vinyl chloride	62	1.291	1.291	0.000	89	1525269	500.0	447.1	
6 Bromomethane	94	1.521	1.521	0.000	99	1252180	500.0	440.5	
7 Chloroethane	64	1.587	1.579	0.008	99	838854	500.0	430.6	
10 Trichlorofluoromethane	101	1.752	1.752	0.000	99	2695544	500.0	478.6	
9 Dichlorofluoromethane	67	1.760	1.752	0.008	99	2787755	500.0	445.4	
8 Pentane	72	1.768	1.768	0.000	93	350599	1000.0	999.5	
12 Ethanol	46	1.949	1.941	0.008	67	87683	20000	30465	
11 Ethyl ether	59	1.941	1.949	-0.008	95	1032174	500.0	439.3	
13 2-Methyl-1,3-butadiene	53	1.957	1.957	0.000	96	1203135	500.0	473.9	
14 1,2-Dichloro-1,1,2-trifluo	117	2.023	2.023	0.000	87	1380570	500.0	429.1	
15 Acrolein	56	2.105	2.114	-0.009	96	190767	400.0	356.9	
16 1,1,2-Trichloro-1,2,2-trif	101	2.122	2.114	0.008	97	1522484	500.0	489.4	
17 1,1-Dichloroethene	96	2.130	2.130	0.000	97	1544508	500.0	438.1	
18 Acetone	43	2.221	2.229	-0.008	87	1424509	2500.0	2355.0	
19 Iodomethane	142	2.262	2.262	0.000	97	3171034	500.0	422.6	
20 Carbon disulfide	76	2.287	2.286	0.001	98	5096886	500.0	464.6	
21 Isopropyl alcohol	45	2.336	2.361	-0.025	98	360460	5000.0	5002.0	
22 3-Chloro-1-propene	76	2.435	2.443	-0.008	58	870617	500.0	447.1	
23 Cyclopentene	67	2.443	2.451	-0.008	91	3413943	500.0	445.2	
24 Methyl acetate	43	2.451	2.459	-0.008	97	4443721	2500.0	2155.1	
25 Acetonitrile	41	2.509	2.517	-0.008	52	1034828	5000.0	4295.6	
26 Methylene Chloride	84	2.566	2.574	-0.008	82	1618607	500.0	422.8	
* 27 TBA-d9 (IS)	65	2.599	2.599	0.000	86	200593	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.665	2.673	-0.008	96	996091	5000.0	4823.6	
29 Methyl tert-butyl ether	73	2.723	2.723	0.000	95	4493533	500.0	429.7	
30 trans-1,2-Dichloroethene	96	2.747	2.747	0.000	91	1626741	500.0	425.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.830	2.830	0.000	92	4074964	5000.0	4998.7	
32 Hexane	43	2.904	2.895	0.009	91	518122	500.0	467.4	
34 Isopropyl ether	45	3.142	3.142	0.000	90	3649729	500.0	430.9	
33 1,1-Dichloroethane	63	3.151	3.151	0.000	99	2484757	500.0	438.4	
36 Vinyl acetate	86	3.184	3.183	0.001	100	395301	1000.0	968.8	
35 2-Chloro-1,3-butadiene	88	3.192	3.192	0.000	90	1456184	500.0	460.2	
38 Tert-butyl ethyl ether	59	3.472	3.472	0.000	90	4287333	500.0	427.6	
39 2,2-Dichloropropane	41	3.686	3.669	0.017	94	1157736	500.0	500.0	
* 158 2-Butanone-d5	46	3.677	3.677	0.000	24	216040	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.710	3.710	0.000	98	1759965	500.0	424.1	
41 2-Butanone (MEK)	72	3.735	3.735	0.000	100	660786	2500.0	2250.5	
42 Ethyl acetate	70	3.760	3.760	0.000	96	223736	1000.0	1000.1	
43 Methyl acrylate	55	3.809	3.809	0.000	98	1041700	500.0	465.8	
44 Propionitrile	54	3.883	3.883	0.000	96	1428607	5000.0	5218.7	
46 Tetrahydrofuran	72	3.941	3.949	-0.008	82	328091	1000.0	889.1	
45 Chlorobromomethane	128	3.957	3.957	0.000	74	962570	500.0	431.4	
47 Methacrylonitrile	67	3.998	3.982	0.016	87	5234985	5000.0	4348.8	
48 Chloroform	83	4.031	4.031	0.000	99	2731661	500.0	441.6	
49 Cyclohexane	84	4.138	4.130	0.008	82	1667153	500.0	483.7	
50 1,1,1-Trichloroethane	97	4.163	4.155	0.008	97	2569876	500.0	441.3	
$ 51 Dibromofluoromethane (Surr	113	4.204	4.204	0.000	34	137900	50.0	46.1	
52 Carbon tetrachloride	117	4.286	4.278	0.008	98	2294761	500.0	486.4	
53 1,1-Dichloropropene	75	4.327	4.327	0.000	95	1928787	500.0	455.0	
54 Isooctane	57	4.533	4.525	0.008	96	1971350	500.0	493.0	
55 Benzene	78	4.541	4.541	0.000	96	5615840	500.0	463.5	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.583	4.574	0.009	51	153620	50.0	50.3	
56 Isobutyl alcohol	43	4.574	4.591	-0.017	72	991523	12500	14586	
59 Isopropyl acetate	87	4.657	4.648	0.009	99	1477234	500.0	425.7	
58 Tert-amyl methyl ether	73	4.648	4.648	0.000	93	4765057	500.0	434.0	
60 1,2-Dichloroethane	62	4.665	4.665	0.000	99	2039417	500.0	420.4	
61 n-Heptane	57	4.764	4.764	0.000	82	400946	500.0	484.4	
* 62 Fluorobenzene	96	4.887	4.887	0.000	100	589021	50.0	50.0	
64 Trichloroethene	95	5.307	5.299	0.008	96	1616522	500.0	485.7	
65 n-Butanol	56	5.356	5.373	-0.017	85	377527	12500	12229	
66 Methylcyclohexane	83	5.430	5.422	0.008	90	1431087	500.0	510.9	
67 Ethyl acrylate	55	5.496	5.504	-0.008	98	1557552	500.0	503.8	
68 1,2-Dichloropropane	63	5.636	5.636	0.000	89	1276530	500.0	445.7	
* 69 1,4-Dioxane-d8	96	5.792	5.735	0.057	39	29013	1000.0	1000.0	M
72 Methyl methacrylate	100	5.784	5.784	0.000	82	888460	1000.0	913.9	
70 Dibromomethane	93	5.792	5.792	0.000	89	1004546	500.0	440.2	
71 1,4-Dioxane	88	5.792	5.792	0.000	29	163817	10000	10017	
73 n-Propyl acetate	43	5.866	5.875	-0.009	96	1471891	500.0	467.8	
74 Dichlorobromomethane	83	5.998	5.998	0.000	98	2142224	500.0	493.5	
75 2-Nitropropane	41	6.410	6.410	0.000	98	715948	1000.0	1035.6	
76 2-Chloroethyl vinyl ether	63	6.443	6.442	0.001	92	843407	500.0	473.3	
77 Epichlorohydrin	57	6.550	6.549	0.001	98	2117047	10000	10001	
78 cis-1,3-Dichloropropene	75	6.607	6.607	0.000	90	2367630	500.0	489.4	
79 4-Methyl-2-pentanone (MIBK	43	6.829	6.821	0.008	92	5290312	2500.0	2136.9	
$ 80 Toluene-d8 (Surr)	98	6.870	6.870	0.000	99	492509	50.0	49.4	
81 Toluene	91	6.953	6.953	0.000	95	5935055	500.0	463.8	
82 trans-1,3-Dichloropropene	75	7.356	7.356	0.000	95	2216882	500.0	510.5	
83 Ethyl methacrylate	69	7.414	7.414	0.000	87	1842792	500.0	513.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,1,2-Trichloroethane	83	7.554	7.553	0.001	95	1136363	500.0	483.2	
85 Tetrachloroethene	166	7.562	7.562	0.000	97	1640745	500.0	471.8	
86 1,3-Dichloropropane	76	7.743	7.735	0.008	91	2146834	500.0	450.4	
87 2-Hexanone	43	7.825	7.817	0.008	91	3281598	2500.0	2299.0	
88 Chlorodibromomethane	129	7.940	7.940	0.000	98	1889743	500.0	507.3	
89 n-Butyl acetate	73	7.940	7.940	0.000	83	289592	500.0	508.2	
90 Ethylene Dibromide	107	8.047	8.047	0.000	98	1566261	500.0	472.6	
* 91 Chlorobenzene-d5	117	8.500	8.500	0.000	84	507388	50.0	50.0	
92 Chlorobenzene	112	8.525	8.525	0.000	98	4312414	500.0	450.5	
93 Ethylbenzene	106	8.615	8.615	0.000	97	2194134	500.0	462.1	
94 1,1,1,2-Tetrachloroethane	131	8.632	8.632	0.000	95	1890363	500.0	492.0	
95 m-Xylene & p-Xylene	106	8.730	8.730	0.000	94	2718071	500.0	454.1	
96 o-Xylene	106	9.109	9.101	0.008	96	2867923	500.0	465.8	
97 n-Butyl acrylate	73	9.117	9.117	0.000	97	1317123	500.0	521.3	
98 Styrene	104	9.134	9.134	0.000	95	4635322	500.0	452.4	
100 Amyl acetate (mixed isomer	43	9.323	9.323	0.000	93	2377605	500.0	504.8	
99 Bromoform	173	9.323	9.323	0.000	72	1373858	500.0	520.6	
101 Isopropylbenzene	105	9.430	9.430	0.000	95	5693192	500.0	455.4	
$ 102 4-Bromofluorobenzene	174	9.611	9.611	0.000	97	212635	50.0	49.1	
104 Bromobenzene	156	9.726	9.726	0.000	87	2183760	500.0	449.8	
105 1,1,2,2-Tetrachloroethane	83	9.792	9.784	0.008	98	1853922	500.0	454.5	
106 N-Propylbenzene	91	9.792	9.792	0.000	98	5713647	500.0	435.7	
107 1,2,3-Trichloropropane	110	9.825	9.817	0.008	96	629050	500.0	458.9	
108 trans-1,4-Dichloro-2-buten	53	9.841	9.841	0.000	85	504792	500.0	515.6	
109 2-Chlorotoluene	91	9.883	9.882	0.001	97	4666295	500.0	448.0	
110 4-Ethyltoluene	105	9.899	9.891	0.008	97	5400841	500.0	429.8	
111 1,3,5-Trimethylbenzene	105	9.957	9.948	0.009	94	4688026	500.0	443.8	
112 4-Chlorotoluene	91	9.990	9.981	0.009	95	4383593	500.0	451.6	
113 Butyl Methacrylate	87	10.047	10.047	0.000	86	2421804	500.0	516.7	
114 tert-Butylbenzene	119	10.212	10.203	0.009	95	3867800	500.0	477.1	
115 1,2,4-Trimethylbenzene	105	10.261	10.261	0.000	96	4975865	500.0	435.7	
116 sec-Butylbenzene	105	10.393	10.393	0.000	98	4939664	500.0	467.9	
118 4-Isopropyltoluene	119	10.516	10.508	0.008	96	4517234	500.0	463.5	
117 1,3-Dichlorobenzene	146	10.516	10.516	0.000	97	3333758	500.0	439.3	
* 119 1,4-Dichlorobenzene-d4	152	10.574	10.574	0.000	91	322950	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.599	10.598	0.001	95	3422223	500.0	428.0	
121 Benzyl chloride	91	10.722	10.714	0.008	99	3911449	500.0	481.4	
122 2,3-Dihydroindene	117	10.771	10.771	0.000	95	5797959	500.0	413.1	
123 p-Diethylbenzene	119	10.821	10.821	0.000	93	2669268	500.0	451.6	
124 n-Butylbenzene	91	10.837	10.837	0.000	98	4285604	500.0	475.9	
125 1,2-Dichlorobenzene	146	10.895	10.895	0.000	98	3479515	500.0	433.7	
126 1,2,4,5-Tetramethylbenzene	119	11.430	11.430	0.000	99	4605887	500.0	431.8	
127 1,2-Dibromo-3-Chloropropan	75	11.528	11.528	0.000	88	361600	500.0	478.3	
128 1,3,5-Trichlorobenzene	180	11.635	11.635	0.000	97	2236285	500.0	436.3	
130 1,2,4-Trichlorobenzene	180	12.121	12.121	0.000	94	2241261	500.0	460.3	
131 Hexachlorobutadiene	225	12.203	12.203	0.000	99	943657	500.0	493.2	
132 Naphthalene	128	12.319	12.318	0.001	99	5818886	500.0	444.1	
133 1,2,3-Trichlorobenzene	180	12.516	12.516	0.000	95	2009154	500.0	447.9	
S 134 1,2-Dichloroethene, Total	100				0		1000.0	850.0	
S 135 Xylenes, Total	100				0		1000.0	919.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260SURR250_00096	Amount Added:	1.00	Units: uL	
ACROLEIN W_00043	Amount Added:	40.00	Units: uL	
GAS Hi_00119	Amount Added:	50.00	Units: uL	
MIX I Hi_00048	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00036	Amount Added:	50.00	Units: uL	
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

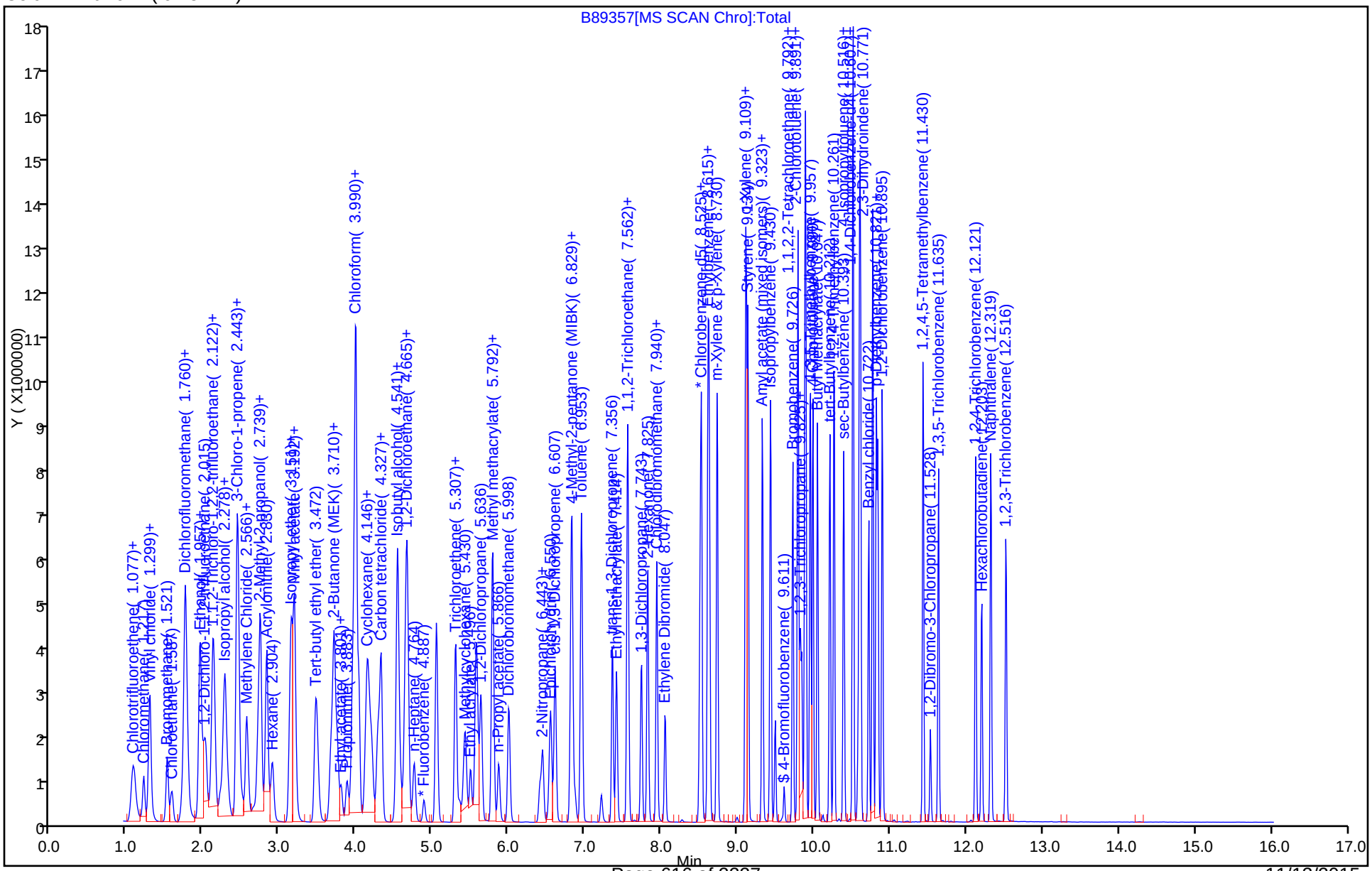
Report Date: 01-Nov-2015 16:35:40 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Injection Date:	31-Oct-2015 15:49:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD500			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 331950

SDG No.:

Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2015 09:22 Calibration End Date: 10/29/2015 13:14 Calibration ID: 53030

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-331950/12	C05033.D
Level 2	STD1 460-331950/3	C05024.D
Level 3	STD5 460-331950/4	C05025.D
Level 4	STD20 460-331950/5	C05026.D
Level 5	STD50 460-331950/6	C05027.D
Level 6	STD200 460-331950/7	C05028.D
Level 7	STD500 460-331950/8	C05029.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0200	0.0141 0.0624	0.0075	0.0191	0.0083	QuaF		-0.006	0.0001377						0.9990		0.9900
Dichlorodifluoromethane	+++++ 0.5106	0.3271 0.6203	0.5471	0.4873	0.4924	Ave		0.4975			0.1000	19.5		20.0			
Chloromethane	+++++ 0.4643	0.6211 0.5289	0.5857	0.4973	0.5116	Ave		0.5348			0.1000	10.9		20.0			
Vinyl chloride	+++++ 0.5809	0.5429 0.6370	0.6542	0.5684	0.5903	Ave		0.5956			0.1000	7.1		20.0			
Butadiene	+++++ 0.5383	0.4495 0.5915	0.5273	0.4975	0.5397	Ave		0.5240				9.1		20.0			
Bromomethane	+++++ 0.1302	0.1654 0.2144	0.1258	0.1098	0.1302	QuaF		0.0806	0.0002671	*	0.1000				1.0000		0.9900
Chloroethane	+++++ 0.2990	0.2906 0.3412	0.3335	0.3005	0.3153	Ave		0.3134			0.1000	6.5		20.0			
Dichlorofluoromethane	+++++ 0.7245	1.0682 0.8545	0.9290	0.7527	0.7600	Ave		0.8482				15.6		20.0			
Trichlorofluoromethane	+++++ 0.6096	0.3957 0.7201	0.5208	0.4420	0.6155	QuaF		0.5419	0.0003560		0.1000				1.0000		0.9900
Pentane	+++++ 0.0989	0.0935 0.0876	0.0941	0.0700	0.0923	Ave		0.0894				11.4		20.0			
Ethanol	+++++ 0.0770	0.1299 0.0737	0.1036	0.0829	0.0804	QuaF		0.0795	0						1.0000		0.9900
Ethyl ether	+++++ 0.3701	0.4029 0.3740	0.4345	0.3625	0.3875	Ave		0.3886				6.9		20.0			
2-Methyl-1,3-butadiene	+++++ 0.4308	0.4124 0.4177	0.4416	0.3341	0.4079	Ave		0.4074				9.3		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.3104	0.3687 0.3926	0.3662	0.3158	0.2590	Ave		0.3355				14.7		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 331950

SDG No.:

Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2015 09:22 Calibration End Date: 10/29/2015 13:14 Calibration ID: 53030

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Freon TF	+++++ 0.4444	0.3088 0.4379	0.3979	0.3496	0.4240	Ave		0.3938			0.1000	13.7		20.0			
Acrolein	+++++ 0.1341	0.1248 0.1262	0.1284	0.1254	0.1037	Ave		0.1238				8.4		20.0			
1,1-Dichloroethene	+++++ 0.4250	0.5079 0.4536	0.4561	0.3608	0.4149	Ave		0.4364			0.1000	11.3		20.0			
Acetone	+++++ 1.1233	1.2541 1.1745	1.2746	1.0469	1.1241	Ave		1.1663			0.0500	7.4		20.0			
Iodomethane	+++++ 0.2427	0.0381 0.3343	0.0454	0.0612	0.1316	QuaF		0.1696	0.0003302						0.9990		0.9900
Isopropyl alcohol	+++++ 0.8848	0.9779 0.8578	1.0955	0.9070	0.9357	Ave		0.9431				9.1		20.0			
Carbon disulfide	+++++ 1.4056	1.2905 1.5083	1.4627	1.2279	1.3544	Ave		1.3749			0.1000	7.7		20.0			
Allyl chloride	+++++ 0.2189	0.1864 0.2519	0.2324	0.2096	0.2184	Ave		0.2196				10.0		20.0			
Methyl acetate	+++++ 0.4639	0.4639 0.4463	0.5352	0.4624	0.4893	Ave		0.4768			0.1000	6.7		20.0			
Cyclopentene	+++++ 1.1492	1.0718 1.2241	1.2220	0.9265	1.1553	Ave		1.1248				10.0		20.0			
Acetonitrile	+++++ 0.0890	0.0971 0.0939	0.0922	0.0817	0.0878	Ave		0.0903				6.0		20.0			
Methylene Chloride	+++++ 0.4663	0.5431 0.4868	0.5521	0.4440	0.4752	Ave		0.4946			0.1000	8.8		20.0			
2-Methyl-2-propanol	+++++ 1.2178	1.6703 1.2048	1.7424	1.3299	1.3693	Ave		1.4224				16.2		20.0			
MTBE	+++++ 1.2648	1.2925 1.2798	1.5258	1.2313	1.2963	Ave		1.3151			0.1000	8.1		20.0			
trans-1,2-Dichloroethene	+++++ 0.4385	0.5421 0.4767	0.5335	0.4209	0.4639	Ave		0.4793			0.1000	10.3		20.0			
Acrylonitrile	0.2100 0.2007	0.1989 0.1959	0.2414	0.2073	0.2164	Ave		0.2101				7.4		20.0			
Hexane	+++++ 0.4840	0.4284 0.4972	0.4816	0.3938	0.4785	Ave		0.4606				8.8		20.0			
Isopropyl ether	+++++ 1.4671	1.5387 1.4353	1.6781	1.4390	1.5073	Ave		1.5109				6.0		20.0			
1,1-Dichloroethane	+++++ 0.8051	0.9254 0.8482	0.9694	0.7900	0.8595	Ave		0.8663			0.2000	8.0		20.0			
Vinyl acetate	+++++ 0.6321	0.8089 0.5898	0.8746	0.6567	0.6565	Ave		0.7031				15.9		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 331950

SDG No.:

Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2015 09:22 Calibration End Date: 10/29/2015 13:14 Calibration ID: 53030

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Chloro-1,3-butadiene	+++++ 0.4473	0.5205 0.4633	0.4848	0.3543	0.4291	Ave		0.4499				12.6		20.0			
Tert-butyl ethyl ether	+++++ 1.3557	1.3947 1.3546	1.6269	1.3333	1.3950	Ave		1.4100				7.7		20.0			
2,2-Dichloropropane	+++++ 0.1851	0.3465 0.1380	0.2414	0.1794	0.1932	QuaF		0.2136	-0.000151						1.0000		0.9900
cis-1,2-Dichloroethene	+++++ 0.4944	0.6009 0.5222	0.6445	0.4756	0.5190	Ave		0.5428			0.1000	12.1		20.0			
2-Butanone	+++++ 0.4588	0.5056 0.4381	0.5461	0.4502	0.4784	Ave		0.4795			0.0500	8.4		20.0			
Ethyl acetate	+++++ 0.3156	0.4101 0.3018	0.4006	0.3164	0.3322	Ave		0.3461				13.6		20.0			
Methyl acrylate	+++++ 0.4780	0.5408 0.4897	0.6179	0.4959	0.5154	Ave		0.5229				9.8		20.0			
Propionitrile	+++++ 0.0770	0.0819 0.0794	0.0915	0.0834	0.0866	Ave		0.0833				6.2		20.0			
Tetrahydrofuran	+++++ 0.4589	0.6456 0.4768	0.6584	0.4888	0.5090	Ave		0.5396				16.4		20.0			
Bromochloromethane	+++++ 0.2255	0.2598 0.2392	0.2671	0.2026	0.2021	Ave		0.2327				11.9		20.0			
Methacrylonitrile	+++++ 0.2217	0.2494 0.2146	0.2698	0.2263	0.2398	Ave		0.2369				8.6		20.0			
Chloroform	+++++ 0.7096	0.8665 0.7410	0.8866	0.7175	0.7790	Ave		0.7833			0.2000	9.8		20.0			
Cyclohexane	+++++ 0.8570	0.6226 0.8385	0.7935	0.7083	0.8180	Ave		0.7730			0.1000	11.7		20.0			
1,1,1-Trichloroethane	+++++ 0.6687	0.7649 0.6420	0.7137	0.5862	0.6697	Ave		0.6742			0.1000	9.1		20.0			
Carbon tetrachloride	+++++ 0.6060	0.6569 0.6105	0.6137	0.5083	0.5854	Ave		0.5968			0.1000	8.3		20.0			
1,1-Dichloropropene	+++++ 0.6466	0.6564 0.6722	0.7083	0.5730	0.6298	Ave		0.6477				7.0		20.0			
Isobutyl alcohol	+++++ 0.9306	0.7228 0.8460	1.0883	0.8488	0.9292	Ave		0.8943				13.6		20.0			
2,2,4-Trimethylpentane	+++++ 1.6836	1.2332 1.6299	1.7634	1.3606	1.6412	Ave		1.5520				13.3		20.0			
Benzene	+++++ 2.1996	2.5198 2.1886	2.6964	2.1162	2.2150	Ave		2.3226			0.5000	9.9		20.0			
Tert-amyl methyl ether	+++++ 1.3010	1.3410 1.4193	1.5005	1.3011	1.3237	Ave		1.3644				5.8		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 331950

SDG No.:

Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2015 09:22 Calibration End Date: 10/29/2015 13:14 Calibration ID: 53030

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropyl acetate	+++++ 1.3152	1.4091 1.3209	1.6075	1.3483	1.3885	Ave		1.3983				7.8		20.0			
1,2-Dichloroethane	+++++ 0.5084	0.6197 0.4931	0.6417	0.5281	0.5630	Ave		0.5590			0.1000	10.8		20.0			
n-Heptane	+++++ 0.3958	0.2989 0.3920	0.3517	0.3250	0.3876	Ave		0.3585				11.2		20.0			
n-Butanol	+++++ 0.4037	0.3001 0.3825	0.4594	0.3928	0.4276	Ave		0.3943				13.6		20.0			
Trichloroethene	+++++ 0.4763	0.5487 0.4905	0.5205	0.4225	0.4708	Ave		0.4882			0.2000	8.9		20.0			
Methylcyclohexane	+++++ 0.8605	0.5995 0.8957	0.7807	0.7032	0.8330	Ave		0.7788			0.1000	14.2		20.0			
Ethyl acrylate	+++++ 1.3035	1.0769 1.2944	1.4687	1.2152	1.3292	Ave		1.2813				10.1		20.0			
1,2-Dichloropropane	+++++ 0.4769	0.4967 0.4637	0.5616	0.4614	0.4825	Ave		0.4904			0.1000	7.6		20.0			
Methyl methacrylate	+++++ 0.1375	0.1549 0.1433	0.1654	0.1418	0.1485	Ave		0.1486				6.9		20.0			
1,4-Dioxane	+++++ 1.3353	1.7333 1.4636	1.7112	1.3816	1.4789	Ave		1.5173				11.0		20.0			
Dibromomethane	+++++ 0.2149	0.3119 0.2259	0.3529	0.2743	0.2886	Ave		0.2781				18.7		20.0			
n-Propyl acetate	+++++ 0.7559	0.7303 0.7443	0.9183	0.7857	0.7919	Ave		0.7877				8.7		20.0			
Bromodichloromethane	+++++ 0.5840	0.6843 0.5609	0.6712	0.5494	0.5956	Ave		0.6076			0.2000	9.4		20.0			
2-Nitropropane	+++++ 0.1154	0.1519 0.1112	0.1650	0.1287	0.1299	Ave		0.1337				15.7		20.0			
2-Chloroethyl vinyl ether	+++++ 0.2706	0.3604 0.2721	0.3466	0.2752	0.2763	Ave		0.3002				13.8		20.0			
Epichlorohydrin	0.3121 0.2603	0.2651 0.2508	0.3347	0.2944	0.2943	Ave		0.2874				10.6		20.0			
cis-1,3-Dichloropropene	+++++ 0.9372	0.9910 0.9482	1.1268	0.9392	0.9743	Ave		0.9861			0.2000	7.3		20.0			
4-Methyl-2-pentanone	+++++ 3.2081	3.2970 2.5881	3.9035	3.3597	3.5391	Ave		3.3159			0.0500	13.1		20.0			
Toluene	+++++ 2.3050	2.5522 2.1581	2.8413	2.2694	2.3911	Ave		2.4195			0.4000	10.1		20.0			
trans-1,3-Dichloropropene	+++++ 0.8218	0.8955 0.8167	0.9990	0.8178	0.8497	Ave		0.8668			0.1000	8.2		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 331950

SDG No.:

Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2015 09:22 Calibration End Date: 10/29/2015 13:14 Calibration ID: 53030

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl methacrylate	+++++ 0.6329	0.6938 0.6217	0.7300	0.6159	0.6517	Ave		0.6577				6.9		20.0			
1,1,2-Trichloroethane	+++++ 0.4329	0.5336 0.4390	0.5347	0.4390	0.4476	Ave		0.4711			0.1000	10.4		20.0			
Tetrachloroethene	+++++ 0.7142	0.6976 0.7762	0.7627	0.5922	0.6915	Ave		0.7057			0.2000	9.3		20.0			
1,3-Dichloropropane	+++++ 0.8654	0.9803 0.8589	1.0810	0.8726	0.9043	Ave		0.9271				9.5		20.0			
2-Hexanone	+++++ 2.3208	2.3241 1.9377	2.9103	2.3865	2.5648	Ave		2.4074			0.0500	13.3		20.0			
n-Butyl acetate	+++++ 0.1295	0.1843 0.1350	0.1601	0.1393	0.1412	Ave		0.1483				13.8		20.0			
Dibromochloromethane	+++++ 0.6259	0.5787 0.6266	0.6861	0.5798	0.6277	Ave		0.6208			0.1000	6.4		20.0			
1,2-Dibromoethane	+++++ 0.5510	0.6378 0.5653	0.6915	0.5405	0.5669	Ave		0.5922			0.1000	10.0		20.0			
Chlorobenzene	+++++ 1.5485	1.6828 1.5194	1.8372	1.5319	1.5889	Ave		1.6181			0.5000	7.6		20.0			
Ethylbenzene	+++++ 0.8710	0.9591 0.9075	1.0220	0.7796	0.8662	Ave		0.9009			0.1000	9.3		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.5834	0.6008 0.6115	0.6722	0.5634	0.5870	Ave		0.6031				6.2		20.0			
m-Xylene & p-Xylene	+++++ 1.0395	1.1614 1.0874	1.2400	0.9719	1.0678	Ave		1.0947			0.1000	8.6		20.0			
n-Butyl acrylate	+++++ 0.4599	0.4887 0.4738	0.5651	0.4780	0.4973	Ave		0.4938				7.5		20.0			
o-Xylene	+++++ 1.0024	1.0800 1.0612	1.1721	0.9597	1.0399	Ave		1.0526			0.3000	6.9		20.0			
Styrene	+++++ 1.6653	1.7608 1.5914	2.0422	1.6354	1.7293	Ave		1.7374			0.3000	9.3		20.0			
Amyl acetate (mixed isomers)	+++++ 1.9161	2.2138 1.8806	2.3340	1.9507	2.0405	Ave		2.0560				8.8		20.0			
Bromoform	+++++ 0.4524	0.5026 0.4895	0.5078	0.4281	0.4541	Ave		0.4724			0.1000	6.8		20.0			
Isopropylbenzene	+++++ 2.4194	2.6467 2.1899	2.9544	2.3237	2.6075	Ave		2.5236			0.1000	10.8		20.0			
Bromobenzene	+++++ 1.3389	1.4236 1.4291	1.5623	1.2529	1.3471	Ave		1.3923				7.6		20.0			
1,1,2,2-Tetrachloroethane	+++++ 1.2542	1.3490 1.2610	1.4824	1.2630	1.2978	Ave		1.3179			0.3000	6.7		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 331950

SDG No.:

Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2015 09:22 Calibration End Date: 10/29/2015 13:14 Calibration ID: 53030

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
N-Propylbenzene	+++++ 5.3839	5.7438 4.6037	6.3419	5.0410	5.6681	Ave		5.4637				11.0		20.0			
1,2,3-Trichloropropane	+++++ 0.3712	0.4657 0.3957	0.4643	0.3675	0.3919	Ave		0.4094				10.9		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.3563	0.4378 0.3639	0.4178	0.3605	0.3784	Ave		0.3858				8.8		20.0			
4-Ethyltoluene	+++++ 4.7197	4.9223 4.2253	5.6857	4.3149	4.7743	Ave		4.7737				11.0		20.0			
2-Chlorotoluene	+++++ 3.5975	3.9211 3.4281	4.1885	3.4251	3.6827	Ave		3.7072				8.1		20.0			
1,3,5-Trimethylbenzene	+++++ 3.7962	3.9170 3.5382	4.4770	3.4634	3.8568	Ave		3.8414				9.4		20.0			
4-Chlorotoluene	+++++ 3.2589	3.5788 3.0733	3.8790	3.2052	3.3699	Ave		3.3942				8.6		20.0			
Butyl Methacrylate	+++++ 1.4247	1.3841 1.4163	1.6973	1.3894	1.4601	Ave		1.4620				8.1		20.0			
tert-Butylbenzene	+++++ 3.3587	3.5486 3.2355	3.9617	3.0218	3.3878	Ave		3.4190				9.3		20.0			
1,2,4-Trimethylbenzene	+++++ 3.8263	3.9848 3.4730	4.6018	3.6548	3.9751	Ave		3.9193				9.9		20.0			
sec-Butylbenzene	+++++ 4.8581	4.7289 4.1619	5.6203	4.3946	5.0524	Ave		4.8027				10.7		20.0			
4-Isopropyltoluene	+++++ 4.2379	3.9737 3.8149	4.7806	3.8365	4.4003	Ave		4.1740				9.0		20.0			
1,3-Dichlorobenzene	+++++ 2.3405	2.4403 2.3547	2.7550	2.2213	2.3786	Ave		2.4151			0.6000	7.5		20.0			
1,4-Dichlorobenzene	+++++ 2.3946	2.5027 2.3671	2.8722	2.2394	2.3787	Ave		2.4591			0.5000	8.9		20.0			
Benzyl chloride	+++++ 2.5804	2.7689 2.3602	3.3313	2.5980	2.7224	Ave		2.7269				12.0		20.0			
Indan	+++++ 1.6978	1.7610 1.5264	2.1008	1.7455	1.9803	Ave		1.8020				11.4		20.0			
p-Diethylbenzene	+++++ 2.5653	2.5141 2.4690	2.9484	2.2607	2.5259	Ave		2.5473				8.8		20.0			
n-Butylbenzene	+++++ 4.3926	3.9038 4.0020	5.0605	3.8960	4.4790	Ave		4.2890				10.6		20.0			
1,2-Dichlorobenzene	+++++ 2.1399	2.2024 2.1031	2.5461	2.0602	2.2109	Ave		2.2104			0.4000	7.9		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 3.8105	3.6131 3.4174	4.5806	3.6376	4.0281	Ave		3.8479				10.7		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 331950

SDG No.:

Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2015 09:22 Calibration End Date: 10/29/2015 13:14 Calibration ID: 53030

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dibromo-3-Chloropropane	+++++ 0.2286	0.3653 0.2258	0.2901	0.2245	0.2505	QuaF		0.2332	-0.000015		0.0500				1.0000		0.9900
1,3,5-Trichlorobenzene	+++++ 1.8588	1.6452 1.8724	2.0077	1.6577	1.8573	Ave		1.8165				7.7		20.0			
1,2,4-Trichlorobenzene	+++++ 1.6031	1.3057 1.7021	1.6224	1.4358	1.6249	Ave		1.5490			0.2000	9.6		20.0			
Hexachlorobutadiene	+++++ 0.8311	0.6447 0.8636	0.8025	0.6742	0.7887	Ave		0.7675				11.5		20.0			
Naphthalene	+++++ 3.5275	3.3969 3.4512	3.8423	3.3298	3.5829	Ave		3.5218				5.1		20.0			
1,2,3-Trichlorobenzene	+++++ 1.3468	1.1060 1.3890	1.3516	1.1703	1.3434	Ave		1.2845				9.1		20.0			
Dibromofluoromethane (Surr)	0.2922 0.2650	0.2850 0.2747	0.2830	0.2853	0.2889	Ave		0.2820				3.3		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2886 0.2817	0.3062 0.2609	0.3052	0.2999	0.3043	Ave		0.2924				5.7		20.0			
Toluene-d8 (Surr)	1.3682 1.3720	1.4503 1.3897	1.4335	1.4219	1.3792	Ave		1.4021				2.3		20.0			
Bromofluorobenzene	0.9611 0.9723	0.9367 0.9782	0.9270	0.9435	0.9220	Ave		0.9487				2.3		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 331950

SDG No.:

Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2015 09:22 Calibration End Date: 10/29/2015 13:14 Calibration ID: 53030

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-331950/12	C05033.D
Level 2	STD1 460-331950/3	C05024.D
Level 3	STD5 460-331950/4	C05025.D
Level 4	STD20 460-331950/5	C05026.D
Level 5	STD50 460-331950/6	C05027.D
Level 6	STD200 460-331950/7	C05028.D
Level 7	STD500 460-331950/8	C05029.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	QuaF	+++++ 33617	125 238648	322	3205	3403	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 860120	2904 2370947	23603	81921	202964	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 782266	5514 2021618	25271	83587	210854	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 978702	4819 2434855	28226	95547	243309	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	+++++ 906906	3990 2261092	22749	83633	222440	+++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	QuaF	+++++ 219355	1468 819483	5429	18460	53673	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 503681	2580 1304189	14389	50515	129972	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 1220527	9483 3266432	40081	126533	313255	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	QuaF	+++++ 1026948	3513 2752431	22470	74297	253684	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	Ave	+++++ 333122	1660 669639	8116	23529	76085	+++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBA	QuaF	+++++ 200243	1888 473771	7193	23029	54408	+++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Ave	+++++ 623422	3577 1429792	18746	60944	159700	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 725717	3661 1596810	19054	56167	168118	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 522995	3273 1500610	15800	53083	106759	+++++ 200	1.00 500	5.00	20.0	50.0
Freon TF	FB	Ave	+++++ 748696	2741 1673940	17166	58766	174766	+++++ 200	1.00 500	5.00	20.0	50.0

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RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 331950

SDG No.:

Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2015 09:22 Calibration End Date: 10/29/2015 13:14 Calibration ID: 53030

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Acrolein	FB	Ave	+++++ 225992	4432 385867	22167	42150	85454	+++++ 200	4.00 400	20.0	40.0	100
1,1-Dichloroethene	FB	Ave	+++++ 715999	4509 1733816	19677	60653	170996	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 1354175	8907 3434954	42032	132118	345395	+++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	QuaF	+++++ 408944	338 1277920	1960	10289	54232	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBA	Ave	+++++ 575546	3553 1378090	19009	62959	158363	+++++ 2000	10.0 5000	50.0	200	500
Carbon disulfide	FB	Ave	+++++ 2367942	11456 5765614	63110	206407	558255	+++++ 200	1.00 500	5.00	20.0	50.0
Allyl chloride	FB	Ave	+++++ 368831	1655 962833	10027	35228	90007	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	+++++ 3907803	20592 8529978	115464	388632	1008410	+++++ 1000	5.00 2500	25.0	100	250
Cyclopentene	FB	Ave	+++++ 1936032	9515 4679068	52721	155736	476193	+++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	FB	Ave	+++++ 1499990	8620 3587446	39776	137303	361727	+++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	+++++ 785522	4821 1860732	23819	74637	195877	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBA	Ave	+++++ 792182	6069 1935724	30233	92319	231753	+++++ 2000	10.0 5000	50.0	200	500
MTBE	FB	Ave	+++++ 2130782	11474 4891878	65831	206978	534323	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 738659	4812 1822243	23018	70754	191207	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	3046 3380839	17659 7486640	104133	348509	892006	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	+++++ 815381	3803 1900480	20780	66190	197233	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	+++++ 2471518	13659 5486628	72401	241886	621262	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 1356300	8215 3242341	41824	132795	354273	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Ave	+++++ 2129723	14362 4508852	75470	220782	541210	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	+++++ 753522	4621 1771071	20915	59564	176881	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	+++++ 2283868	12381 5177879	70193	224127	574998	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 331950

SDG No.:

Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2015 09:22 Calibration End Date: 10/29/2015 13:14 Calibration ID: 53030

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2,2-Dichloropropane	FB	QuaF	+++++ 311829	3076 527557	10415	30157	79645	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 832902	5334 1996249	27809	79955	213918	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone	BUT	Ave	+++++ 553072	3591 1281204	18008	56819	146993	+++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	Ave	+++++ 152189	1165 353021	5284	15971	40825	+++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	+++++ 805336	4801 1871835	26658	83360	212419	+++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	FB	Ave	+++++ 1297318	7273 3035637	39477	140117	357040	+++++ 2000	10.0 5000	50.0	200	500
Tetrahydrofuran	BUT	Ave	+++++ 221274	1834 557734	8685	24676	62560	+++++ 400	2.00 1000	10.0	40.0	100
Bromochloromethane	FB	Ave	+++++ 379906	2306 914439	11526	34060	83316	+++++ 200	1.00 500	5.00	20.0	50.0
Methacrylonitrile	FB	Ave	+++++ 3734827	22139 8203724	116398	380411	988546	+++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	+++++ 1195399	7692 2832318	38251	120605	321081	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 1443737	5527 3205177	34235	119069	337177	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 1126526	6790 2454067	30792	98537	276039	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 1020976	5831 2333500	26476	85448	241291	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 1089282	5827 2569345	30558	96323	259576	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBA	Ave	+++++ 1513394	6566 3397810	47209	147300	393164	+++++ 5000	25.0 12500	125	500	1250
2,2,4-Trimethylpentane	FB	Ave	+++++ 2836359	10947 6230265	76080	228716	676457	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBZ	Ave	+++++ 3047060	17949 6684642	92417	285444	748387	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	+++++ 2191824	11904 5425213	64739	218711	545591	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++ 2215707	12509 5048993	69357	226652	572307	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 856514	5501 1885056	27686	88766	232046	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 666780	2653 1498301	15175	54639	159741	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 331950

SDG No.:

Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2015 09:22 Calibration End Date: 10/29/2015 13:14 Calibration ID: 53030

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
n-Butanol	TBA	Ave	+++++ 656493	2726 1536243	19927	68170	180918	+++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	+++++ 802405	4871 1874992	22455	71022	194054	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 1449699	5322 3424021	33683	118214	343329	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 2195920	9560 4947717	63367	204270	547867	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 803347	4409 1772333	24232	77555	198857	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 463417	2750 1095269	14274	47667	122388	+++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	+++++ 216180	3898 526025	7300	24409	61995	+++++ 4000	50.0 10000	100	400	1000
Dibromomethane	FB	Ave	+++++ 362017	2769 863537	15225	46114	118936	+++++ 200	1.00 500	5.00	20.0	50.0
n-Propyl acetate	FB	Ave	+++++ 1273493	6483 2845021	39622	132079	326389	+++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	+++++ 983775	6075 2143861	28959	92354	245485	+++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Ave	+++++ 388699	2697 850126	14237	43262	107088	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	+++++ 455843	3199 1040009	14952	46269	113885	+++++ 200	1.00 500	5.00	20.0	50.0
Epichlorohydrin	BUT	Ave	1746 1255067	7531 2933600	44150	148591	361701	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBZ	Ave	+++++ 1298312	7059 2896174	38621	126685	329193	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone	BUT	Ave	+++++ 3867372	23417 7568848	128730	423993	1087433	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBZ	Ave	+++++ 3193097	18180 6591559	97385	306105	807870	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBZ	Ave	+++++ 1138447	6379 2494433	34241	110312	287088	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	FB	Ave	+++++ 1066293	6159 2376433	31496	103529	268633	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBZ	Ave	+++++ 599753	3801 1340672	18328	59218	151232	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBZ	Ave	+++++ 989429	4969 2370624	26140	79876	233639	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBZ	Ave	+++++ 1198880	6983 2623263	37052	117699	305531	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 331950

SDG No.:

Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2015 09:22 Calibration End Date: 10/29/2015 13:14 Calibration ID: 53030

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2-Hexanone	BUT	Ave	+++++ 2797628	16507 5666730	95974	301167	788072	+++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBZ	Ave	+++++ 179361	1313 412428	5488	18793	47719	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromochloromethane	CBZ	Ave	+++++ 866991	4122 1913795	23515	78208	212086	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromoethane	CBZ	Ave	+++++ 763261	4543 1726566	23702	72900	191552	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBZ	Ave	+++++ 2145162	11987 4640700	62970	206633	536834	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBZ	Ave	+++++ 1206635	6832 2771616	35030	105162	292654	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	+++++ 808195	4280 1867612	23040	75996	198317	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBZ	Ave	+++++ 1439979	8273 3321075	42501	131097	360791	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBZ	Ave	+++++ 637131	3481 1447006	19369	64477	168016	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBZ	Ave	+++++ 1388604	7693 3241283	40174	129451	351350	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBZ	Ave	+++++ 2306896	12543 4860527	69994	220598	584264	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCB	Ave	+++++ 1399364	8581 3070223	44495	145118	377414	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBZ	Ave	+++++ 626714	3580 1495189	17405	57740	153429	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBZ	Ave	+++++ 3351505	18853 6688455	101261	313430	881009	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCB	Ave	+++++ 977872	5518 2333030	29783	93205	249160	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCB	Ave	+++++ 916010	5229 2058637	28260	93953	240049	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCB	Ave	+++++ 3932000	22264 7515678	120899	375003	1048393	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCB	Ave	+++++ 271064	1805 646008	8852	27339	72495	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCB	Ave	+++++ 260190	1697 594155	7965	26821	69991	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCB	Ave	+++++ 3446911	19080 6897951	108390	320988	883068	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCB	Ave	+++++ 2627376	15199 5596578	79847	254794	681160	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 331950

SDG No.:

Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2015 09:22 Calibration End Date: 10/29/2015 13:14 Calibration ID: 53030

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,3,5-Trimethylbenzene	DCB	Ave	+++++ 2772444	15183 5776294	85348	257644	713363	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCB	Ave	+++++ 2380094	13872 5017206	73947	238435	623302	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCB	Ave	+++++ 1040505	5365 2312220	32356	103358	270068	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCB	Ave	+++++ 2452974	13755 5282105	75523	224796	626623	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCB	Ave	+++++ 2794430	15446 5669777	87727	271883	735238	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCB	Ave	+++++ 3547998	18330 6794427	107142	326923	934507	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCB	Ave	+++++ 3095068	15403 6227971	91135	285400	813886	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCB	Ave	+++++ 1709340	9459 3844179	52519	165247	439946	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCB	Ave	+++++ 1748872	9701 3864424	54755	166588	439971	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCB	Ave	+++++ 1884515	10733 3853089	63507	193268	503549	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	FB	Ave	+++++ 2860178	15633 5834581	90640	293421	816220	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCB	Ave	+++++ 1873539	9745 4030793	56207	168178	467205	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCB	Ave	+++++ 3208069	15132 6533371	96471	289831	828450	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCB	Ave	+++++ 1562826	8537 3433444	48537	153260	408940	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCB	Ave	+++++ 2782945	14005 5579063	87322	270606	745049	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCB	QuaF	+++++ 166934	1416 368575	5530	16699	46332	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCB	Ave	+++++ 1357534	6377 3056806	38274	123317	343539	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCB	Ave	+++++ 1170810	5061 2778751	30928	106809	300540	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCB	Ave	+++++ 606985	2499 1409820	15298	50151	145888	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCB	Ave	+++++ 2576208	13167 5634258	73247	247711	662698	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCB	Ave	+++++ 983634	4287 2267608	25767	87057	248472	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 331950

SDG No.:

Instrument ID: CVOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2015 09:22 Calibration End Date: 10/29/2015 13:14 Calibration ID: 53030

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dibromofluoromethane (Surr)	FB	Ave	105968 111600	126498 105017	122118	119896	119065	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	104652 118630	135892 99746	131670	126038	125416	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	415071 475165	516544 424450	491313	479482	465999	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	162989 177520	181544 159698	176714	175475	170529	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\C05024.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 29-Oct-2015 09:22:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0033563-003
Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3
Sublist: chrom-8260W_3*sub33

Method: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\8260W_3.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Nov-2015 17:16:23 Calib Date: 29-Oct-2015 13:14:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\C05033.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: tupayachia Date: 29-Oct-2015 12:16:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.459	1.487	-0.028	1	125	1.00	49.1	
2 Dichlorodifluoromethane	85	1.495	1.495	0.000	71	2904	1.00	0.6576	
3 Chloromethane	50	1.702	1.702	0.000	93	5514	1.00	1.16	
4 Vinyl chloride	62	1.759	1.759	0.000	93	4819	1.00	0.9114	
5 Butadiene	54	1.788	1.788	0.000	77	3990	1.00	0.8578	
6 Bromomethane	94	2.038	2.024	0.014	26	1468	1.00	2.04	M
7 Chloroethane	64	2.131	2.117	0.014	49	2580	1.00	0.9275	M
8 Dichlorofluoromethane	67	2.310	2.310	0.000	95	9483	1.00	1.26	
9 Trichlorofluoromethane	101	2.310	2.317	-0.007	63	3513	1.00	0.7300	
10 Pentane	72	2.346	2.353	-0.007	96	1660	2.00	2.09	
11 Ethanol	46	2.539	2.524	0.015	72	1888	40.0	65.4	
12 Ethyl ether	59	2.560	2.560	0.000	82	3577	1.00	1.04	
13 2-Methyl-1,3-butadiene	53	2.574	2.574	0.000	80	3661	1.00	1.01	
14 1,2-Dichloro-1,1,2-trifluo	117	2.610	2.610	0.000	92	3273	1.00	1.10	
15 1,1,2-Trichloro-1,2,2-trif	101	2.739	2.732	0.007	91	2741	1.00	0.7842	
16 Acrolein	56	2.753	2.746	0.007	86	4432	4.00	4.03	
17 1,1-Dichloroethene	96	2.775	2.782	-0.007	94	4509	1.00	1.16	
18 Acetone	43	2.875	2.875	0.000	85	8907	5.00	5.38	
20 Iodomethane	142	2.918	2.939	-0.021	17	338	1.00	0.2244	
19 Isopropyl alcohol	45	2.975	2.968	0.007	42	3553	10.0	10.4	
21 Carbon disulfide	76	2.975	2.975	0.000	95	11456	1.00	0.9386	
22 3-Chloro-1-propene	76	3.104	3.118	-0.014	1	1655	1.00	0.8490	
23 Cyclopentene	67	3.125	3.125	0.000	67	9515	1.00	0.9529	
24 Methyl acetate	43	3.125	3.125	0.000	98	20592	5.00	4.86	
25 Acetonitrile	41	3.189	3.189	0.000	93	8620	10.0	10.8	
* 26 TBA-d9 (IS)	65	3.232	3.239	-0.007	86	363343	1000.0	1000.0	
27 Methylene Chloride	84	3.254	3.246	0.008	88	4821	1.00	1.10	
28 2-Methyl-2-propanol	59	3.311	3.318	-0.007	97	6069	10.0	11.7	
29 Methyl tert-butyl ether	73	3.411	3.411	0.000	95	11474	1.00	0.9828	
30 trans-1,2-Dichloroethene	96	3.440	3.447	-0.007	92	4812	1.00	1.13	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.533	3.540	-0.007	94	17659	10.0	9.47	
32 Hexane	43	3.604	3.611	-0.007	86	3803	1.00	0.9301	M
34 Isopropyl ether	45	3.840	3.847	-0.007	96	13659	1.00	1.02	
35 1,1-Dichloroethane	63	3.883	3.883	0.000	98	8215	1.00	1.07	
33 Vinyl acetate	43	3.897	3.897	0.000	99	14362	2.00	2.30	
36 2-Chloro-1,3-butadiene	88	3.926	3.926	0.000	87	4621	1.00	1.16	
37 Tert-butyl ethyl ether	59	4.190	4.197	-0.007	93	12381	1.00	0.9891	
* 38 2-Butanone-d5	46	4.419	4.419	0.000	99	355121	250.0	250.0	
39 2,2-Dichloropropane	79	4.426	4.426	0.000	46	3076	1.00	1.62	
40 cis-1,2-Dichloroethene	96	4.455	4.462	-0.007	95	5334	1.00	1.11	
41 2-Butanone (MEK)	72	4.484	4.483	0.001	97	3591	5.00	5.27	
42 Ethyl acetate	70	4.491	4.491	0.000	100	1165	2.00	2.37	
43 Methyl acrylate	55	4.548	4.548	0.000	97	4801	1.00	1.03	
44 Propionitrile	54	4.648	4.641	0.007	98	7273	10.0	9.83	
45 Tetrahydrofuran	72	4.712	4.712	0.000	75	1834	2.00	2.39	
46 Chlorobromomethane	128	4.727	4.719	0.008	79	2306	1.00	1.12	
47 Methacrylonitrile	67	4.748	4.748	0.000	92	22139	10.0	10.5	
48 Chloroform	83	4.777	4.777	0.000	95	7692	1.00	1.11	
49 Cyclohexane	56	4.913	4.905	0.008	83	5527	1.00	0.8055	
50 1,1,1-Trichloroethane	97	4.934	4.934	0.000	96	6790	1.00	1.13	
$ 51 Dibromofluoromethane (Surr	113	4.955	4.955	0.000	93	126498	50.0	50.5	
52 Carbon tetrachloride	117	5.063	5.063	0.000	94	5831	1.00	1.10	
53 1,1-Dichloropropene	75	5.113	5.105	0.008	94	5827	1.00	1.01	
54 Isobutyl alcohol	43	5.270	5.263	0.007	91	6566	25.0	20.2	
133 Isooctane	57	5.299	5.299	0.001	90	10947	1.00	0.7946	
55 Benzene	78	5.327	5.334	-0.007	94	17949	1.00	1.08	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.356	5.356	0.000	90	135892	50.0	52.4	
59 Isopropyl acetate	43	5.413	5.413	0.000	93	12509	1.00	1.01	
58 Tert-amyl methyl ether	73	5.406	5.413	-0.007	74	11904	1.00	0.9828	
60 1,2-Dichloroethane	62	5.442	5.442	0.000	93	5501	1.00	1.11	
57 n-Heptane	57	5.520	5.520	0.000	84	2653	1.00	0.8337	
* 61 Fluorobenzene	96	5.670	5.670	0.000	99	443860	50.0	50.0	
62 n-Butanol	56	6.042	6.042	0.000	67	2726	25.0	19.0	
63 Trichloroethene	95	6.078	6.078	0.000	94	4871	1.00	1.12	
64 Methylcyclohexane	83	6.207	6.207	0.000	91	5322	1.00	0.7698	
65 Ethyl acrylate	55	6.235	6.228	0.007	95	9560	1.00	0.8405	
66 1,2-Dichloropropane	63	6.400	6.392	0.008	91	4409	1.00	1.01	
* 67 1,4-Dioxane-d8	96	6.450	6.457	-0.007	98	44978	1000.0	1000.0	
68 Methyl methacrylate	100	6.478	6.485	-0.007	86	2750	2.00	2.09	
69 1,4-Dioxane	88	6.507	6.514	-0.007	74	3898	50.0	57.1	
70 Dibromomethane	93	6.529	6.528	0.001	92	2769	1.00	1.12	
71 n-Propyl acetate	43	6.543	6.550	-0.007	98	6483	1.00	0.9271	
72 Dichlorobromomethane	83	6.679	6.678	0.001	96	6075	1.00	1.13	
73 2-Nitropropane	41	7.008	7.007	0.001	81	2697	2.00	2.27	
74 2-Chloroethyl vinyl ether	63	7.008	7.007	0.001	75	3199	1.00	1.20	
75 Epichlorohydrin	57	7.093	7.100	-0.007	99	7531	20.0	18.4	
76 cis-1,3-Dichloropropene	75	7.143	7.143	0.000	89	7059	1.00	1.00	
77 4-Methyl-2-pentanone (MIBK	43	7.286	7.286	0.000	96	23417	5.00	4.97	
$ 78 Toluene-d8 (Surr)	98	7.351	7.351	0.000	100	516544	50.0	51.7	
79 Toluene	91	7.408	7.415	-0.007	94	18180	1.00	1.05	
80 trans-1,3-Dichloropropene	75	7.694	7.694	0.000	93	6379	1.00	1.03	
81 Ethyl methacrylate	69	7.723	7.715	0.008	91	6159	1.00	1.05	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 1,1,2-Trichloroethane	83	7.858	7.858	0.000	94	3801	1.00	1.13	
83 Tetrachloroethene	166	7.887	7.887	0.000	91	4969	1.00	0.9885	
84 1,3-Dichloropropane	76	8.016	8.008	0.008	94	6983	1.00	1.06	
85 2-Hexanone	43	8.052	8.058	-0.006	96	16507	5.00	4.83	
86 n-Butyl acetate	73	8.137	8.137	0.000	97	1313	1.00	1.24	
87 Chlorodibromomethane	129	8.173	8.173	0.000	97	4122	1.00	0.9321	
88 Ethylene Dibromide	107	8.280	8.287	-0.007	93	4543	1.00	1.08	
* 89 Chlorobenzene-d5	117	8.645	8.645	0.000	84	356164	50.0	50.0	
90 Chlorobenzene	112	8.666	8.666	0.000	97	11987	1.00	1.04	
91 Ethylbenzene	106	8.731	8.731	0.000	97	6832	1.00	1.06	
92 1,1,1,2-Tetrachloroethane	131	8.745	8.745	0.000	94	4280	1.00	1.00	
93 m-Xylene & p-Xylene	106	8.831	8.831	0.000	97	8273	1.00	1.06	
94 n-Butyl acrylate	73	9.124	9.124	0.000	97	3481	1.00	0.9896	
95 o-Xylene	106	9.146	9.152	-0.006	93	7693	1.00	1.03	
96 Styrene	104	9.174	9.174	0.000	95	12543	1.00	1.01	
97 Amyl acetate (mixed isomer	43	9.296	9.295	0.001	91	8581	1.00	1.08	
98 Bromoform	173	9.339	9.338	0.001	95	3580	1.00	1.06	
99 Isopropylbenzene	105	9.424	9.424	0.000	94	18853	1.00	1.05	
$ 100 4-Bromofluorobenzene	174	9.582	9.581	0.001	96	181544	50.0	49.4	
101 Bromobenzene	156	9.689	9.689	0.000	90	5518	1.00	1.02	
102 1,1,2,2-Tetrachloroethane	83	9.710	9.710	0.000	98	5229	1.00	1.02	
103 N-Propylbenzene	91	9.732	9.732	0.000	98	22264	1.00	1.05	
104 1,2,3-Trichloropropane	110	9.753	9.753	0.000	95	1805	1.00	1.14	
105 trans-1,4-Dichloro-2-buten	53	9.760	9.760	0.000	73	1697	1.00	1.13	
106 4-Ethyltoluene	105	9.818	9.817	0.001	98	19080	1.00	1.03	
107 2-Chlorotoluene	91	9.825	9.825	0.000	94	15199	1.00	1.06	
108 1,3,5-Trimethylbenzene	105	9.868	9.868	0.000	94	15183	1.00	1.02	
109 4-Chlorotoluene	91	9.911	9.910	0.001	96	13872	1.00	1.05	
110 Butyl Methacrylate	87	9.925	9.925	0.000	87	5365	1.00	0.9467	
111 tert-Butylbenzene	119	10.096	10.103	-0.007	96	13755	1.00	1.04	
112 1,2,4-Trimethylbenzene	105	10.147	10.146	0.001	96	15446	1.00	1.02	
113 sec-Butylbenzene	105	10.261	10.261	0.000	99	18330	1.00	0.9846	
114 4-Isopropyltoluene	119	10.361	10.361	0.000	96	15403	1.00	0.9520	
115 1,3-Dichlorobenzene	146	10.375	10.375	0.000	97	9459	1.00	1.01	
* 116 1,4-Dichlorobenzene-d4	152	10.425	10.432	-0.007	93	193810	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.447	10.447	0.000	94	9701	1.00	1.02	
118 Benzyl chloride	91	10.547	10.554	-0.007	98	10733	1.00	1.02	
119 2,3-Dihydroindene	117	10.604	10.604	0.000	97	15633	1.00	0.9773	
120 p-Diethylbenzene	119	10.633	10.633	0.000	93	9745	1.00	0.9870	
121 n-Butylbenzene	91	10.654	10.654	0.000	96	15132	1.00	0.9102	
122 1,2-Dichlorobenzene	146	10.719	10.718	0.001	97	8537	1.00	1.00	
123 1,2,4,5-Tetramethylbenzene	119	11.190	11.190	0.000	98	14005	1.00	0.9390	
124 1,2-Dibromo-3-Chloropropan	75	11.283	11.283	0.000	87	1416	1.00	1.57	
125 1,3,5-Trichlorobenzene	180	11.391	11.391	0.001	92	6377	1.00	0.9057	
126 1,2,4-Trichlorobenzene	180	11.906	11.905	0.001	92	5061	1.00	0.8429	
127 Hexachlorobutadiene	225	11.991	11.991	0.000	92	2499	1.00	0.8400	
128 Naphthalene	128	12.141	12.141	0.000	99	13167	1.00	0.9645	
129 1,2,3-Trichlorobenzene	180	12.363	12.363	0.000	95	4287	1.00	0.8610	
S 130 1,2-Dichloroethene, Total	100				0		2.00	2.24	
S 165 1,3-Dichloropropene, Total	100				0		2.00	2.04	
S 131 Xylenes, Total	100				0		2.00	2.09	
S 132 Total BTEX	1				0		5.00	5.29	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00043	Amount Added:	4.00	Units: uL	
MIX I Hi_00048	Amount Added:	1.00	Units: uL	
MIX 2 Hi_00036	Amount Added:	1.00	Units: uL	
	Amount Added:	1.00	Units: uL	
GAS Hi_00119	Amount Added:	1.00	Units: uL	
14DIOXINTER_00045	Amount Added:	30.00	Units: uL	
8260ISSUR50_00019	Amount Added:	5.00	Units: uL	Run Reagent

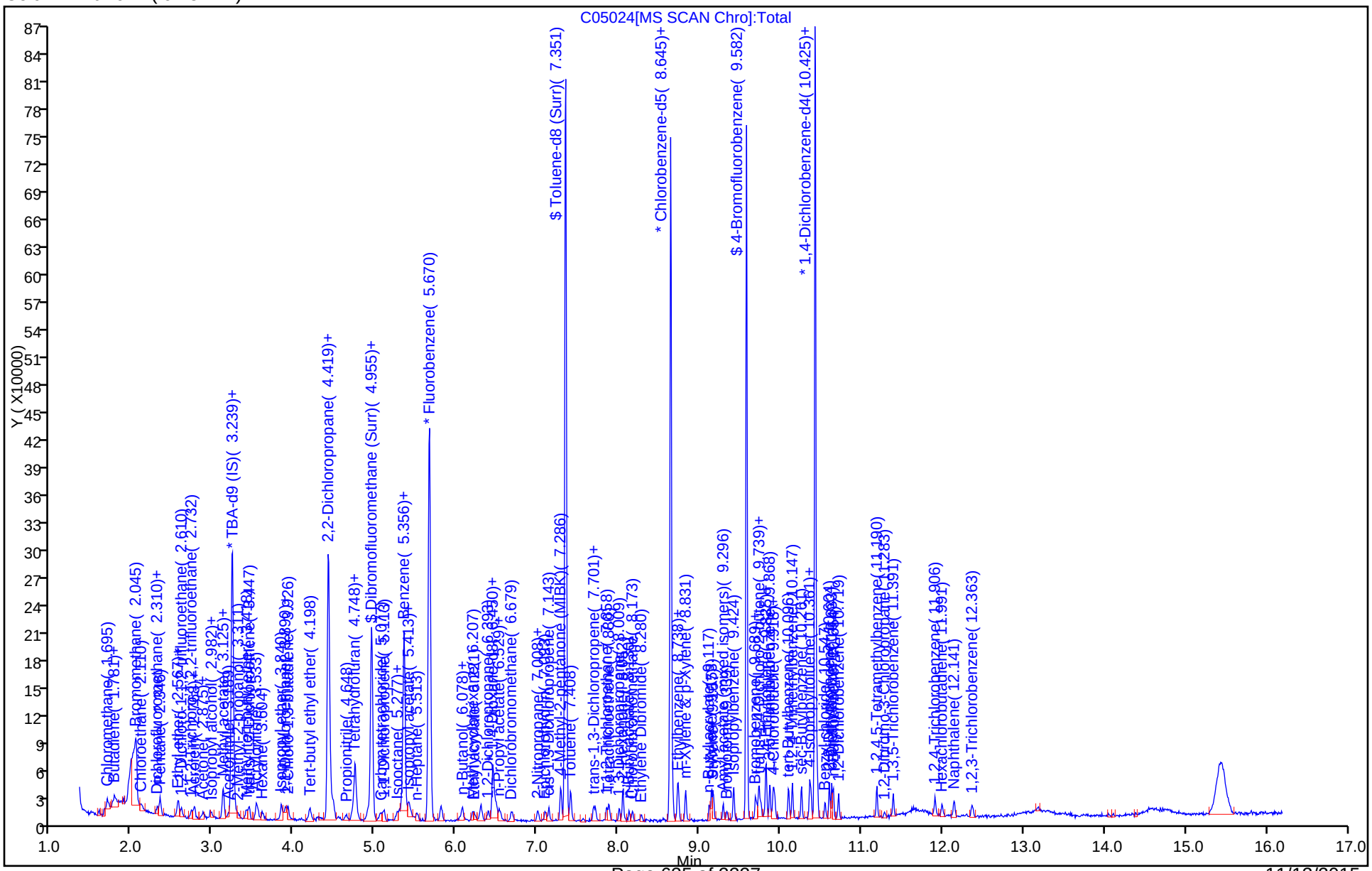
Report Date: 02-Nov-2015 17:16:27 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\C05024.D

Injection Date:	29-Oct-2015 09:22:30	Instrument ID:	CVOAMS3	Operator ID:	VOA GC/MS3
Lims ID:	STD1			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260W_3	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\C05025.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 29-Oct-2015 09:48:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0033563-004
Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3
Sublist: chrom-8260W_3*sub33

Method: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\8260W_3.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Nov-2015 17:16:37 Calib Date: 29-Oct-2015 13:14:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\C05033.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: tupayachia Date: 29-Oct-2015 12:16:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.459	1.487	-0.028	1	322	5.00	52.2	
2 Dichlorodifluoromethane	85	1.495	1.495	0.000	99	23603	5.00	5.50	
3 Chloromethane	50	1.702	1.702	0.000	99	25271	5.00	5.48	
4 Vinyl chloride	62	1.766	1.759	0.007	98	28226	5.00	5.49	
5 Butadiene	54	1.788	1.788	0.000	89	22749	5.00	5.03	
6 Bromomethane	94	2.024	2.024	0.000	81	5429	5.00	7.61	
7 Chloroethane	64	2.117	2.117	0.000	99	14389	5.00	5.32	
8 Dichlorofluoromethane	67	2.310	2.310	0.000	97	40081	5.00	5.48	
9 Trichlorofluoromethane	101	2.317	2.317	0.000	71	22470	5.00	4.79	
10 Pentane	72	2.346	2.353	-0.007	94	8116	10.0	10.5	
11 Ethanol	46	2.531	2.524	0.007	87	7193	200.0	261.0	
12 Ethyl ether	59	2.560	2.560	0.000	91	18746	5.00	5.59	
13 2-Methyl-1,3-butadiene	53	2.574	2.574	0.000	83	19054	5.00	5.42	
14 1,2-Dichloro-1,1,2-trifluo	117	2.610	2.610	0.000	94	15800	5.00	5.46	
15 1,1,2-Trichloro-1,2,2-trif	101	2.732	2.732	0.000	98	17166	5.00	5.05	
16 Acrolein	56	2.746	2.746	0.000	96	22167	20.0	20.8	
17 1,1-Dichloroethene	96	2.775	2.782	-0.007	96	19677	5.00	5.23	
18 Acetone	43	2.875	2.875	0.000	87	42032	25.0	27.3	
20 Iodomethane	142	2.975	2.939	0.036	1	1960	5.00	1.34	
19 Isopropyl alcohol	45	2.968	2.968	0.000	47	19009	50.0	58.1	
21 Carbon disulfide	76	2.975	2.975	0.000	98	63110	5.00	5.32	
22 3-Chloro-1-propene	76	3.118	3.118	0.000	89	10027	5.00	5.29	
23 Cyclopentene	67	3.125	3.125	0.000	83	52721	5.00	5.43	
24 Methyl acetate	43	3.125	3.125	0.000	100	115464	25.0	28.1	
25 Acetonitrile	41	3.189	3.189	0.000	100	39776	50.0	51.1	
* 26 TBA-d9 (IS)	65	3.239	3.239	0.000	87	347034	1000.0	1000.0	
27 Methylene Chloride	84	3.254	3.246	0.008	93	23819	5.00	5.58	
28 2-Methyl-2-propanol	59	3.311	3.318	-0.007	99	30233	50.0	61.2	
29 Methyl tert-butyl ether	73	3.411	3.411	0.000	97	65831	5.00	5.80	
30 trans-1,2-Dichloroethene	96	3.447	3.447	0.000	93	23018	5.00	5.57	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.540	3.540	0.000	94	104133	50.0	57.4	
32 Hexane	43	3.611	3.611	0.000	92	20780	5.00	5.23	
34 Isopropyl ether	45	3.847	3.847	0.000	98	72401	5.00	5.55	
35 1,1-Dichloroethane	63	3.883	3.883	0.000	98	41824	5.00	5.60	
33 Vinyl acetate	43	3.897	3.897	0.000	100	75470	10.0	12.4	
36 2-Chloro-1,3-butadiene	88	3.926	3.926	0.000	88	20915	5.00	5.39	
37 Tert-butyl ethyl ether	59	4.197	4.197	0.000	89	70193	5.00	5.77	
* 38 2-Butanone-d5	46	4.419	4.419	0.000	98	329779	250.0	250.0	
39 2,2-Dichloropropane	79	4.426	4.426	0.000	78	10415	5.00	5.67	
40 cis-1,2-Dichloroethene	96	4.462	4.462	0.000	94	27809	5.00	5.94	
41 2-Butanone (MEK)	72	4.483	4.483	0.000	98	18008	25.0	28.5	
42 Ethyl acetate	70	4.491	4.491	0.000	99	5284	10.0	11.6	
43 Methyl acrylate	55	4.548	4.548	0.000	99	26658	5.00	5.91	
44 Propionitrile	54	4.641	4.641	0.000	99	39477	50.0	54.9	
45 Tetrahydrofuran	72	4.712	4.712	0.000	82	8685	10.0	12.2	
46 Chlorobromomethane	128	4.727	4.719	0.008	87	11526	5.00	5.74	
47 Methacrylonitrile	67	4.748	4.748	0.000	92	116398	50.0	56.9	
48 Chloroform	83	4.777	4.777	0.000	99	38251	5.00	5.66	
49 Cyclohexane	56	4.905	4.905	0.000	91	34235	5.00	5.13	
50 1,1,1-Trichloroethane	97	4.934	4.934	0.000	97	30792	5.00	5.29	
$ 51 Dibromofluoromethane (Surr	113	4.955	4.955	0.000	94	122118	50.0	50.2	
52 Carbon tetrachloride	117	5.063	5.063	0.000	98	26476	5.00	5.14	
53 1,1-Dichloropropene	75	5.106	5.105	0.001	98	30558	5.00	5.47	
54 Isobutyl alcohol	43	5.263	5.263	0.000	91	47209	125.0	152.1	
133 Isooctane	57	5.299	5.299	0.001	97	76080	5.00	5.68	
55 Benzene	78	5.334	5.334	0.000	94	92417	5.00	5.80	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.356	5.356	0.000	93	131670	50.0	52.2	
59 Isopropyl acetate	43	5.413	5.413	0.000	93	69357	5.00	5.75	
58 Tert-amyl methyl ether	73	5.413	5.413	0.000	74	64739	5.00	5.50	
60 1,2-Dichloroethane	62	5.442	5.442	0.000	96	27686	5.00	5.74	
57 n-Heptane	57	5.513	5.520	-0.007	93	15175	5.00	4.91	
* 61 Fluorobenzene	96	5.670	5.670	0.000	99	431449	50.0	50.0	
62 n-Butanol	56	6.042	6.042	0.000	82	19927	125.0	145.6	
63 Trichloroethene	95	6.078	6.078	0.000	96	22455	5.00	5.33	
64 Methylcyclohexane	83	6.214	6.207	0.007	89	33683	5.00	5.01	
65 Ethyl acrylate	55	6.228	6.228	0.000	98	63367	5.00	5.73	
66 1,2-Dichloropropane	63	6.393	6.392	0.001	94	24232	5.00	5.73	
* 67 1,4-Dioxane-d8	96	6.457	6.457	0.000	97	42660	1000.0	1000.0	
68 Methyl methacrylate	100	6.493	6.485	0.008	93	14274	10.0	11.1	
69 1,4-Dioxane	88	6.507	6.514	-0.007	90	7300	100.0	112.8	
70 Dibromomethane	93	6.521	6.528	-0.007	92	15225	5.00	6.34	
71 n-Propyl acetate	43	6.550	6.550	0.000	98	39622	5.00	5.83	
72 Dichlorobromomethane	83	6.679	6.678	0.001	99	28959	5.00	5.52	
73 2-Nitropropane	41	7.000	7.007	-0.007	81	14237	10.0	12.3	
74 2-Chloroethyl vinyl ether	63	7.008	7.007	0.001	70	14952	5.00	5.77	
75 Epichlorohydrin	57	7.100	7.100	0.000	99	44150	100.0	116.5	
76 cis-1,3-Dichloropropene	75	7.143	7.143	0.000	90	38621	5.00	5.71	
77 4-Methyl-2-pentanone (MIBK	43	7.286	7.286	0.000	95	128730	25.0	29.4	
$ 78 Toluene-d8 (Surr)	98	7.351	7.351	0.000	100	491313	50.0	51.1	
79 Toluene	91	7.408	7.415	-0.007	94	97385	5.00	5.87	
80 trans-1,3-Dichloropropene	75	7.694	7.694	0.000	95	34241	5.00	5.76	
81 Ethyl methacrylate	69	7.715	7.715	0.000	88	31496	5.00	5.55	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 1,1,2-Trichloroethane	83	7.858	7.858	0.000	96	18328	5.00	5.67	
83 Tetrachloroethene	166	7.880	7.887	-0.007	94	26140	5.00	5.40	
84 1,3-Dichloropropane	76	8.009	8.008	0.001	92	37052	5.00	5.83	
85 2-Hexanone	43	8.059	8.058	0.001	96	95974	25.0	30.2	
86 n-Butyl acetate	73	8.130	8.137	-0.007	98	5488	5.00	5.40	
87 Chlorodibromomethane	129	8.173	8.173	0.000	96	23515	5.00	5.53	
88 Ethylene Dibromide	107	8.287	8.287	0.000	98	23702	5.00	5.84	
* 89 Chlorobenzene-d5	117	8.645	8.645	0.000	84	342746	50.0	50.0	
90 Chlorobenzene	112	8.666	8.666	0.000	96	62970	5.00	5.68	
91 Ethylbenzene	106	8.731	8.731	0.000	98	35030	5.00	5.67	
92 1,1,1,2-Tetrachloroethane	131	8.745	8.745	0.000	96	23040	5.00	5.57	
93 m-Xylene & p-Xylene	106	8.831	8.831	0.000	99	42501	5.00	5.66	
94 n-Butyl acrylate	73	9.124	9.124	0.000	98	19369	5.00	5.72	
95 o-Xylene	106	9.153	9.152	0.001	94	40174	5.00	5.57	
96 Styrene	104	9.174	9.174	0.000	97	69994	5.00	5.88	
97 Amyl acetate (mixed isomer	43	9.296	9.295	0.001	91	44495	5.00	5.68	
98 Bromoform	173	9.338	9.338	0.000	98	17405	5.00	5.37	
99 Isopropylbenzene	105	9.424	9.424	0.000	95	101261	5.00	5.85	
$ 100 4-Bromofluorobenzene	174	9.582	9.581	0.001	97	176714	50.0	48.9	
101 Bromobenzene	156	9.696	9.689	0.007	94	29783	5.00	5.61	
102 1,1,2,2-Tetrachloroethane	83	9.710	9.710	0.000	96	28260	5.00	5.62	
103 N-Propylbenzene	91	9.732	9.732	0.000	100	120899	5.00	5.80	
104 1,2,3-Trichloropropane	110	9.753	9.753	0.000	96	8852	5.00	5.67	
105 trans-1,4-Dichloro-2-buten	53	9.760	9.760	0.000	83	7965	5.00	5.41	
106 4-Ethyltoluene	105	9.818	9.817	0.001	98	108390	5.00	5.96	
107 2-Chlorotoluene	91	9.825	9.825	0.000	95	79847	5.00	5.65	
108 1,3,5-Trimethylbenzene	105	9.868	9.868	0.000	94	85348	5.00	5.83	
109 4-Chlorotoluene	91	9.910	9.910	0.000	96	73947	5.00	5.71	
110 Butyl Methacrylate	87	9.925	9.925	0.000	88	32356	5.00	5.80	
111 tert-Butylbenzene	119	10.104	10.103	0.001	97	75523	5.00	5.79	
112 1,2,4-Trimethylbenzene	105	10.146	10.146	0.000	96	87727	5.00	5.87	
113 sec-Butylbenzene	105	10.261	10.261	0.000	99	107142	5.00	5.85	
114 4-Isopropyltoluene	119	10.361	10.361	0.000	98	91135	5.00	5.73	
115 1,3-Dichlorobenzene	146	10.375	10.375	0.000	98	52519	5.00	5.70	
* 116 1,4-Dichlorobenzene-d4	152	10.432	10.432	0.000	93	190635	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.447	10.447	0.000	96	54755	5.00	5.84	
118 Benzyl chloride	91	10.547	10.554	-0.007	99	63507	5.00	6.11	
119 2,3-Dihydroindene	117	10.604	10.604	0.000	95	90640	5.00	5.83	
120 p-Diethylbenzene	119	10.633	10.633	0.000	95	56207	5.00	5.79	
121 n-Butylbenzene	91	10.654	10.654	0.000	97	96471	5.00	5.90	
122 1,2-Dichlorobenzene	146	10.718	10.718	0.000	98	48537	5.00	5.76	
123 1,2,4,5-Tetramethylbenzene	119	11.190	11.190	0.000	97	87322	5.00	5.95	
124 1,2-Dibromo-3-Chloropropan	75	11.283	11.283	0.000	93	5530	5.00	6.22	
125 1,3,5-Trichlorobenzene	180	11.391	11.391	0.001	97	38274	5.00	5.53	
126 1,2,4-Trichlorobenzene	180	11.905	11.905	0.000	92	30928	5.00	5.24	
127 Hexachlorobutadiene	225	11.991	11.991	0.000	97	15298	5.00	5.23	
128 Naphthalene	128	12.141	12.141	0.000	99	73247	5.00	5.46	
129 1,2,3-Trichlorobenzene	180	12.363	12.363	0.000	94	25767	5.00	5.26	
S 130 1,2-Dichloroethene, Total	100				0		10.0	11.5	
S 165 1,3-Dichloropropene, Total	100				0		10.0	11.5	
S 131 Xylenes, Total	100				0		10.0	11.2	
S 132 Total BTEX	1				0		25.0	28.6	

Reagents:

ACROLEIN W_00043	Amount Added:	4.00	Units: uL	
MIX I Hi_00048	Amount Added:	1.00	Units: uL	
MIX 2 Hi_00036	Amount Added:	1.00	Units: uL	
	Amount Added:	1.00	Units: uL	
GAS Hi_00119	Amount Added:	1.00	Units: uL	
8260ISSUR50_00019	Amount Added:	5.00	Units: uL	Run Reagent

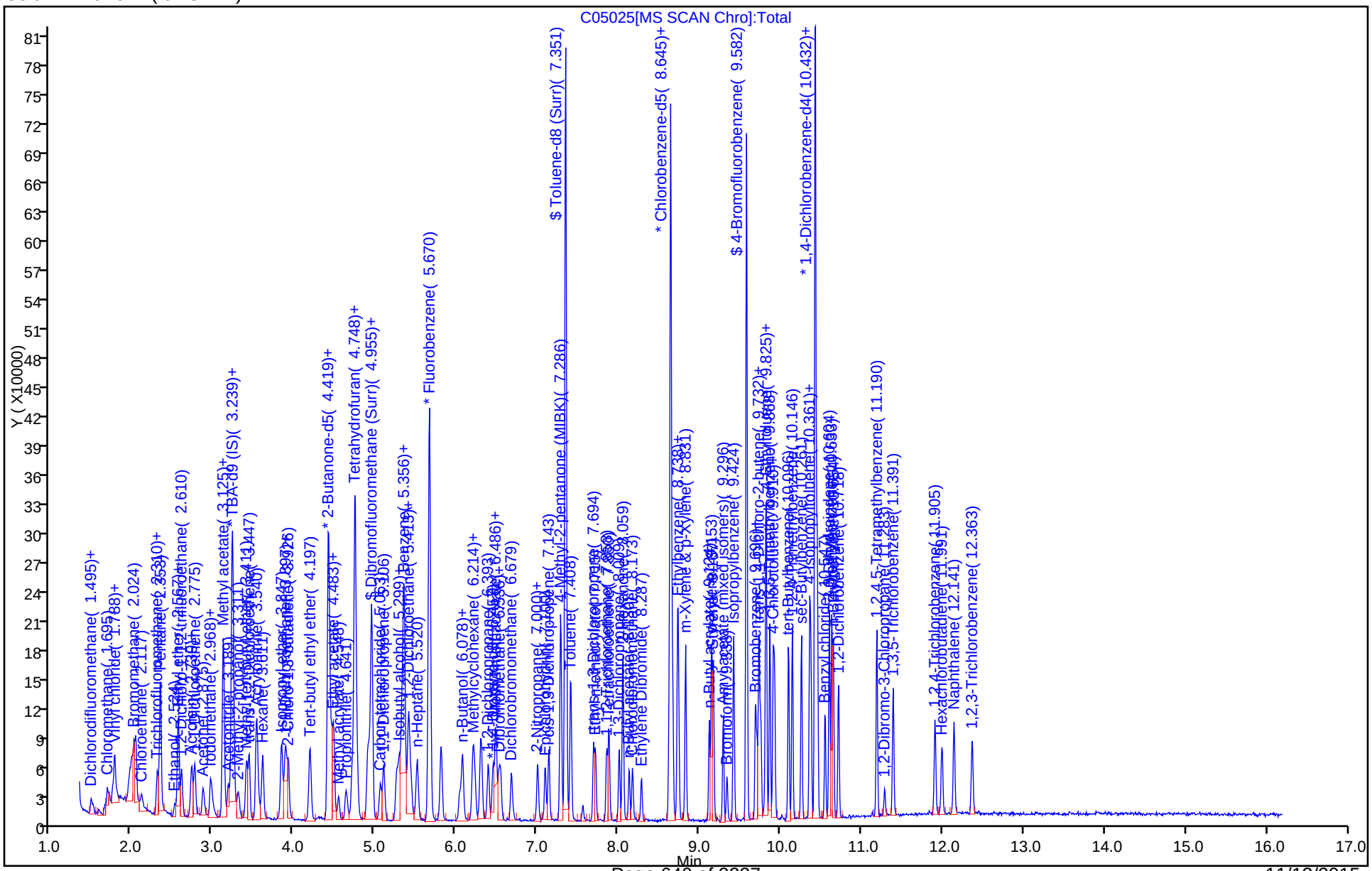
Report Date: 02-Nov-2015 17:16:38 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\C05025.D

Injection Date:	29-Oct-2015 09:48:30	Instrument ID:	CVOAMS3	Operator ID:	VOA GC/MS3
Lims ID:	STD5			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260W_3	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\C05026.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 29-Oct-2015 10:14:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0033563-005
Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3
Sublist: chrom-8260W_3*sub33

Method: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\8260W_3.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Nov-2015 17:16:43 Calib Date: 29-Oct-2015 13:14:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\C05033.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: tupayachia Date: 29-Oct-2015 12:16:18

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Chlorotrifluoroethene	66	1.487	1.487	0.000	16	3205	20.0	81.1	
2	Dichlorodifluoromethane	85	1.495	1.495	0.000	99	81921	20.0	19.6	
3	Chloromethane	50	1.702	1.702	0.000	99	83587	20.0	18.6	
4	Vinyl chloride	62	1.759	1.759	0.000	97	95547	20.0	19.1	
5	Butadiene	54	1.788	1.788	0.000	92	83633	20.0	19.0	
6	Bromomethane	94	2.024	2.024	0.000	96	18460	20.0	25.2	
7	Chloroethane	64	2.117	2.117	0.000	100	50515	20.0	19.2	
8	Dichlorofluoromethane	67	2.310	2.310	0.000	98	126533	20.0	17.7	
9	Trichlorofluoromethane	101	2.317	2.317	0.000	96	74297	20.0	16.1	
10	Pentane	72	2.353	2.353	0.000	95	23529	40.0	31.3	
11	Ethanol	46	2.524	2.524	0.000	93	23029	800.0	837.2	
12	Ethyl ether	59	2.560	2.560	0.000	94	60944	20.0	18.7	
13	2-Methyl-1,3-butadiene	53	2.574	2.574	0.000	86	56167	20.0	16.4	
14	1,2-Dichloro-1,1,2-trifluo	117	2.610	2.610	0.000	95	53083	20.0	18.8	
15	1,1,2-Trichloro-1,2,2-trif	101	2.732	2.732	0.000	98	58766	20.0	17.8	
16	Acrolein	56	2.746	2.746	0.000	93	42150	40.0	40.5	
17	1,1-Dichloroethene	96	2.782	2.782	0.000	97	60653	20.0	16.5	
18	Acetone	43	2.875	2.875	0.000	87	132118	100.0	89.8	
20	Iodomethane	142	2.939	2.939	0.000	99	10289	20.0	7.12	
19	Isopropyl alcohol	45	2.968	2.968	0.000	93	62959	200.0	192.3	
21	Carbon disulfide	76	2.975	2.975	0.000	99	206407	20.0	17.9	
22	3-Chloro-1-propene	76	3.118	3.118	0.000	90	35228	20.0	19.1	
23	Cyclopentene	67	3.125	3.125	0.000	69	155736	20.0	16.5	
24	Methyl acetate	43	3.125	3.125	0.000	100	388632	100.0	97.0	
25	Acetonitrile	41	3.189	3.189	0.000	99	137303	200.0	181.0	
* 26	TBA-d9 (IS)	65	3.239	3.239	0.000	93	347084	1000.0	1000.0	
27	Methylene Chloride	84	3.246	3.246	0.000	93	74637	20.0	18.0	
28	2-Methyl-2-propanol	59	3.318	3.318	0.000	99	92319	200.0	187.0	
29	Methyl tert-butyl ether	73	3.411	3.411	0.000	97	206978	20.0	18.7	
30	trans-1,2-Dichloroethene	96	3.447	3.447	0.000	95	70754	20.0	17.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.540	3.540	0.000	95	348509	200.0	197.4	
32 Hexane	43	3.611	3.611	0.000	92	66190	20.0	17.1	
34 Isopropyl ether	45	3.847	3.847	0.000	98	241886	20.0	19.0	
35 1,1-Dichloroethane	63	3.883	3.883	0.000	99	132795	20.0	18.2	
33 Vinyl acetate	43	3.897	3.897	0.000	100	220782	40.0	37.4	
36 2-Chloro-1,3-butadiene	88	3.926	3.926	0.000	89	59564	20.0	15.8	
37 Tert-butyl ethyl ether	59	4.197	4.197	0.000	89	224127	20.0	18.9	
* 38 2-Butanone-d5	46	4.419	4.419	0.000	96	315496	250.0	250.0	
39 2,2-Dichloropropane	79	4.426	4.426	0.000	80	30157	20.0	17.0	
40 cis-1,2-Dichloroethene	96	4.462	4.462	0.000	98	79955	20.0	17.5	
41 2-Butanone (MEK)	72	4.483	4.483	0.000	97	56819	100.0	93.9	
42 Ethyl acetate	70	4.491	4.491	0.000	99	15971	40.0	36.6	
43 Methyl acrylate	55	4.548	4.548	0.000	100	83360	20.0	19.0	
44 Propionitrile	54	4.641	4.641	0.000	99	140117	200.0	200.1	
45 Tetrahydrofuran	72	4.712	4.712	0.000	84	24676	40.0	36.2	
46 Chlorobromomethane	128	4.719	4.719	0.000	90	34060	20.0	17.4	
47 Methacrylonitrile	67	4.748	4.748	0.000	91	380411	200.0	191.0	
48 Chloroform	83	4.777	4.777	0.000	99	120605	20.0	18.3	
49 Cyclohexane	56	4.905	4.905	0.000	91	119069	20.0	18.3	
50 1,1,1-Trichloroethane	97	4.934	4.934	0.000	98	98537	20.0	17.4	
$ 51 Dibromofluoromethane (Surr	113	4.955	4.955	0.000	96	119896	50.0	50.6	
52 Carbon tetrachloride	117	5.063	5.063	0.000	97	85448	20.0	17.0	
53 1,1-Dichloropropene	75	5.105	5.105	0.000	98	96323	20.0	17.7	
54 Isobutyl alcohol	43	5.263	5.263	0.000	91	147300	500.0	474.6	
133 Isooctane	57	5.299	5.299	0.000	100	228716	20.0	17.5	
55 Benzene	78	5.334	5.334	0.000	96	285444	20.0	18.2	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.356	5.356	0.000	91	126038	50.0	51.3	
59 Isopropyl acetate	43	5.413	5.413	0.000	92	226652	20.0	19.3	
58 Tert-amyl methyl ether	73	5.413	5.413	0.000	74	218711	20.0	19.1	
60 1,2-Dichloroethane	62	5.442	5.442	0.000	96	88766	20.0	18.9	
57 n-Heptane	57	5.520	5.520	0.000	92	54639	20.0	18.1	
* 61 Fluorobenzene	96	5.670	5.670	0.000	99	420246	50.0	50.0	
62 n-Butanol	56	6.042	6.042	0.000	87	68170	500.0	498.1	
63 Trichloroethene	95	6.078	6.078	0.000	95	71022	20.0	17.3	
64 Methylcyclohexane	83	6.207	6.207	0.000	87	118214	20.0	18.1	
65 Ethyl acrylate	55	6.228	6.228	0.000	98	204270	20.0	19.0	
66 1,2-Dichloropropane	63	6.392	6.392	0.000	94	77555	20.0	18.8	
* 67 1,4-Dioxane-d8	96	6.457	6.457	0.000	97	44169	1000.0	1000.0	
68 Methyl methacrylate	100	6.485	6.485	0.000	91	47667	40.0	38.2	
69 1,4-Dioxane	88	6.514	6.514	0.000	87	24409	400.0	364.2	
70 Dibromomethane	93	6.528	6.528	0.000	91	46114	20.0	19.7	
71 n-Propyl acetate	43	6.550	6.550	0.000	98	132079	20.0	19.9	
72 Dichlorobromomethane	83	6.678	6.678	0.000	99	92354	20.0	18.1	
73 2-Nitropropane	41	7.007	7.007	0.000	82	43262	40.0	38.5	
74 2-Chloroethyl vinyl ether	63	7.007	7.007	0.000	71	46269	20.0	18.3	
75 Epichlorohydrin	57	7.100	7.100	0.000	99	148591	400.0	409.7	
76 cis-1,3-Dichloropropene	75	7.143	7.143	0.000	89	126685	20.0	19.0	
77 4-Methyl-2-pentanone (MIBK	43	7.286	7.286	0.000	95	423993	100.0	101.3	
$ 78 Toluene-d8 (Surr)	98	7.351	7.351	0.000	100	479482	50.0	50.7	
79 Toluene	91	7.415	7.415	0.000	93	306105	20.0	18.8	
80 trans-1,3-Dichloropropene	75	7.694	7.694	0.000	96	110312	20.0	18.9	
81 Ethyl methacrylate	69	7.715	7.715	0.000	90	103529	20.0	18.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 1,1,2-Trichloroethane	83	7.858	7.858	0.000	97	59218	20.0	18.6	
83 Tetrachloroethene	166	7.887	7.887	0.000	97	79876	20.0	16.8	
84 1,3-Dichloropropane	76	8.008	8.008	0.000	92	117699	20.0	18.8	
85 2-Hexanone	43	8.058	8.058	0.000	95	301167	100.0	99.1	
86 n-Butyl acetate	73	8.137	8.137	0.000	98	18793	20.0	18.8	
87 Chlorodibromomethane	129	8.173	8.173	0.000	98	78208	20.0	18.7	
88 Ethylene Dibromide	107	8.287	8.287	0.000	99	72900	20.0	18.3	
* 89 Chlorobenzene-d5	117	8.645	8.645	0.000	84	337216	50.0	50.0	
90 Chlorobenzene	112	8.666	8.666	0.000	96	206633	20.0	18.9	
91 Ethylbenzene	106	8.731	8.731	0.000	98	105162	20.0	17.3	
92 1,1,1,2-Tetrachloroethane	131	8.745	8.745	0.000	94	75996	20.0	18.7	
93 m-Xylene & p-Xylene	106	8.831	8.831	0.000	99	131097	20.0	17.8	
94 n-Butyl acrylate	73	9.124	9.124	0.000	99	64477	20.0	19.4	
95 o-Xylene	106	9.152	9.152	0.000	94	129451	20.0	18.2	
96 Styrene	104	9.174	9.174	0.000	97	220598	20.0	18.8	
97 Amyl acetate (mixed isomer	43	9.295	9.295	0.000	91	145118	20.0	19.0	
98 Bromoform	173	9.338	9.338	0.000	99	57740	20.0	18.1	
99 Isopropylbenzene	105	9.424	9.424	0.000	95	313430	20.0	18.4	
$ 100 4-Bromofluorobenzene	174	9.581	9.581	0.000	98	175475	50.0	49.7	
101 Bromobenzene	156	9.689	9.689	0.000	92	93205	20.0	18.0	
102 1,1,2,2-Tetrachloroethane	83	9.710	9.710	0.000	99	93953	20.0	19.2	
103 N-Propylbenzene	91	9.732	9.732	0.000	100	375003	20.0	18.5	
104 1,2,3-Trichloropropane	110	9.753	9.753	0.000	95	27339	20.0	18.0	
105 trans-1,4-Dichloro-2-buten	53	9.760	9.760	0.000	90	26821	20.0	18.7	
106 4-Ethyltoluene	105	9.817	9.817	0.000	98	320988	20.0	18.1	
107 2-Chlorotoluene	91	9.825	9.825	0.000	96	254794	20.0	18.5	
108 1,3,5-Trimethylbenzene	105	9.868	9.868	0.000	94	257644	20.0	18.0	
109 4-Chlorotoluene	91	9.910	9.910	0.000	96	238435	20.0	18.9	
110 Butyl Methacrylate	87	9.925	9.925	0.000	90	103358	20.0	19.0	
111 tert-Butylbenzene	119	10.103	10.103	0.000	96	224796	20.0	17.7	
112 1,2,4-Trimethylbenzene	105	10.146	10.146	0.000	97	271883	20.0	18.7	
113 sec-Butylbenzene	105	10.261	10.261	0.000	99	326923	20.0	18.3	
114 4-Isopropyltoluene	119	10.361	10.361	0.000	98	285400	20.0	18.4	
115 1,3-Dichlorobenzene	146	10.375	10.375	0.000	98	165247	20.0	18.4	
* 116 1,4-Dichlorobenzene-d4	152	10.432	10.432	0.000	92	185978	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.447	10.447	0.000	97	166588	20.0	18.2	
118 Benzyl chloride	91	10.554	10.554	0.000	100	193268	20.0	19.1	
119 2,3-Dihydroindene	117	10.604	10.604	0.000	94	293421	20.0	19.4	
120 p-Diethylbenzene	119	10.633	10.633	0.000	96	168178	20.0	17.8	
121 n-Butylbenzene	91	10.654	10.654	0.000	98	289831	20.0	18.2	
122 1,2-Dichlorobenzene	146	10.718	10.718	0.000	97	153260	20.0	18.6	
123 1,2,4,5-Tetramethylbenzene	119	11.190	11.190	0.000	98	270606	20.0	18.9	
124 1,2-Dibromo-3-Chloropropan	75	11.283	11.283	0.000	90	16699	20.0	19.3	
125 1,3,5-Trichlorobenzene	180	11.391	11.391	0.000	97	123317	20.0	18.3	
126 1,2,4-Trichlorobenzene	180	11.905	11.905	0.000	93	106809	20.0	18.5	
127 Hexachlorobutadiene	225	11.991	11.991	0.000	97	50151	20.0	17.6	
128 Naphthalene	128	12.141	12.141	0.000	100	247711	20.0	18.9	
129 1,2,3-Trichlorobenzene	180	12.363	12.363	0.000	96	87057	20.0	18.2	
S 130 1,2-Dichloroethene, Total	100				0		40.0	35.1	
S 165 1,3-Dichloropropene, Total	100				0		40.0	37.9	
S 131 Xylenes, Total	100				0		40.0	36.0	
S 132 Total BTEX	1				0		100.0	90.3	

Reagents:

ACROLEIN W_00043	Amount Added:	4.00	Units: uL	
MIX I Hi_00048	Amount Added:	2.00	Units: uL	
MIX 2 Hi_00036	Amount Added:	2.00	Units: uL	
	Amount Added:	2.00	Units: uL	
GAS Hi_00119	Amount Added:	2.00	Units: uL	
8260ISSUR50_00019	Amount Added:	5.00	Units: uL	Run Reagent

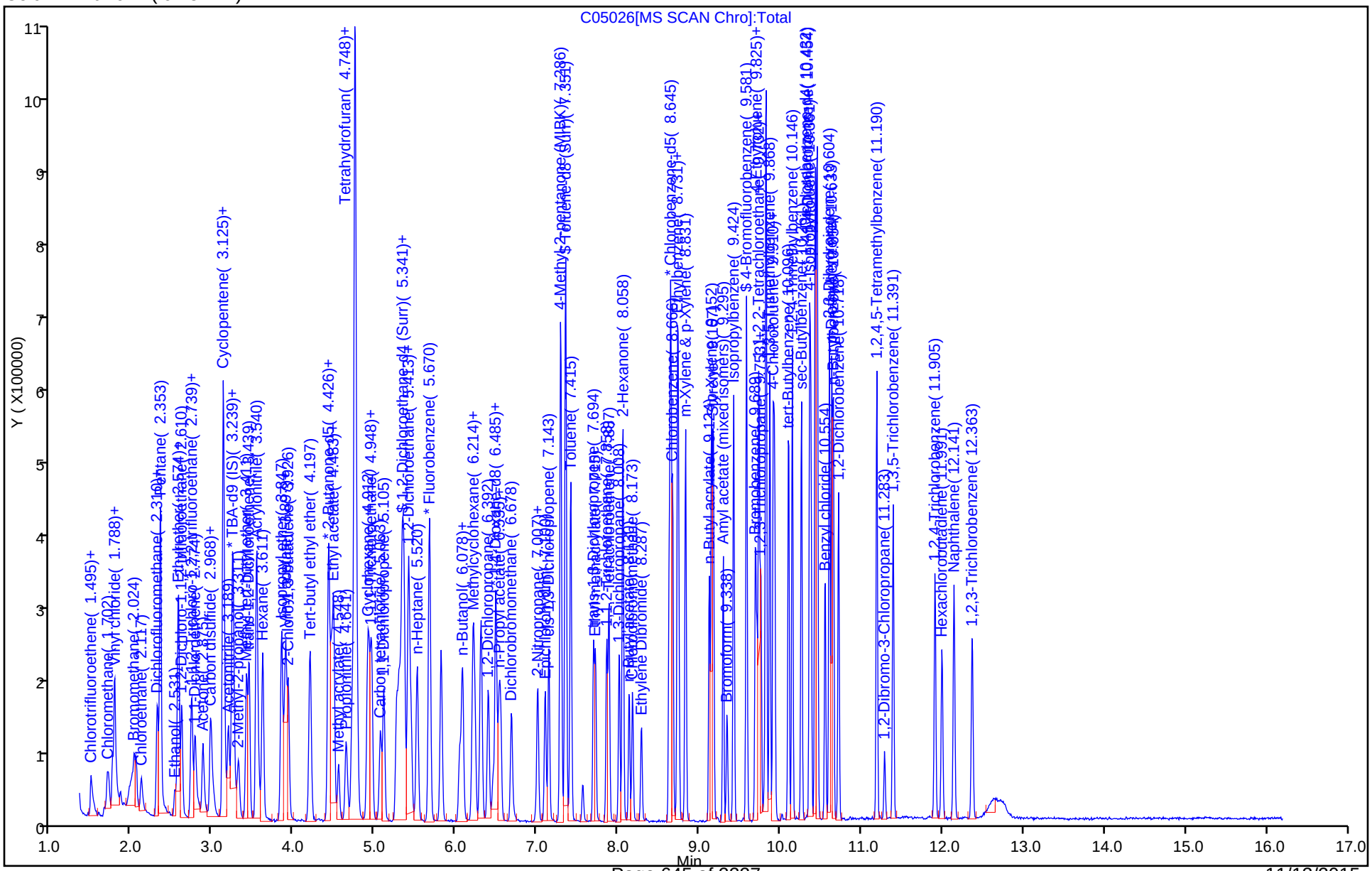
Report Date: 02-Nov-2015 17:16:46 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\C05026.D

Injection Date:	29-Oct-2015 10:14:30	Instrument ID:	CVOAMS3	Operator ID:	VOA GC/MS3
Lims ID:	STD20			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260W_3	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\C05027.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 29-Oct-2015 10:40:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0033563-006
Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3
Sublist: chrom-8260W_3*sub33

Method: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\8260W_3.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Nov-2015 17:16:56 Calib Date: 29-Oct-2015 13:14:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\C05033.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: kluseys Date: 29-Oct-2015 11:19:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.459	1.487	-0.028	44	3403	50.0	83.1	
2 Dichlorodifluoromethane	85	1.495	1.495	0.000	99	202964	50.0	49.5	
3 Chloromethane	50	1.702	1.702	0.000	99	210854	50.0	47.8	
4 Vinyl chloride	62	1.759	1.759	0.000	97	243309	50.0	49.6	
5 Butadiene	54	1.788	1.788	0.000	92	222440	50.0	51.5	
6 Bromomethane	94	2.024	2.024	0.000	98	53673	50.0	66.2	
7 Chloroethane	64	2.117	2.117	0.000	100	129972	50.0	50.3	
8 Dichlorofluoromethane	67	2.310	2.310	0.000	99	313255	50.0	44.8	
9 Trichlorofluoromethane	101	2.317	2.317	0.000	97	253684	50.0	54.8	
10 Pentane	72	2.353	2.353	0.000	96	76085	100.0	103.3	
11 Ethanol	46	2.524	2.524	0.000	98	54408	2000.0	2037.1	
12 Ethyl ether	59	2.567	2.560	0.007	96	159700	50.0	49.9	
13 2-Methyl-1,3-butadiene	53	2.582	2.574	0.008	95	168118	50.0	50.1	
14 1,2-Dichloro-1,1,2-trifluo	117	2.617	2.610	0.007	92	106759	50.0	38.6	
15 1,1,2-Trichloro-1,2,2-trif	101	2.739	2.732	0.007	98	174766	50.0	53.8	
16 Acrolein	56	2.746	2.746	0.000	94	85454	100.0	83.8	
17 1,1-Dichloroethene	96	2.782	2.782	0.000	98	170996	50.0	47.5	
18 Acetone	43	2.875	2.875	0.000	88	345395	250.0	241.0	
20 Iodomethane	142	2.932	2.939	-0.007	94	54232	50.0	36.2	
19 Isopropyl alcohol	45	2.968	2.968	0.000	48	158363	500.0	496.1	
21 Carbon disulfide	76	2.975	2.975	0.000	99	558255	50.0	49.3	
22 3-Chloro-1-propene	76	3.125	3.118	0.007	91	90007	50.0	49.7	
23 Cyclopentene	67	3.132	3.125	0.007	77	476193	50.0	51.4	
24 Methyl acetate	43	3.132	3.125	0.007	99	1008410	250.0	256.5	
25 Acetonitrile	41	3.189	3.189	0.000	99	361727	500.0	486.1	
* 26 TBA-d9 (IS)	65	3.239	3.239	0.000	94	338499	1000.0	1000.0	
27 Methylene Chloride	84	3.254	3.246	0.008	92	195877	50.0	48.0	
28 2-Methyl-2-propanol	59	3.311	3.318	-0.007	99	231753	500.0	481.3	
29 Methyl tert-butyl ether	73	3.411	3.411	0.000	97	534323	50.0	49.3	
30 trans-1,2-Dichloroethene	96	3.447	3.447	0.000	94	191207	50.0	48.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.540	3.540	0.000	96	892006	500.0	515.1	
32 Hexane	43	3.611	3.611	0.000	92	197233	50.0	51.9	
34 Isopropyl ether	45	3.847	3.847	0.000	99	621262	50.0	49.9	
35 1,1-Dichloroethane	63	3.890	3.883	0.007	99	354273	50.0	49.6	
33 Vinyl acetate	43	3.904	3.897	0.007	100	541210	100.0	93.4	
36 2-Chloro-1,3-butadiene	88	3.933	3.926	0.007	89	176881	50.0	47.7	
37 Tert-butyl ethyl ether	59	4.198	4.197	0.001	90	574998	50.0	49.5	
* 38 2-Butanone-d5	46	4.426	4.419	0.007	96	307261	250.0	250.0	
39 2,2-Dichloropropane	79	4.434	4.426	0.008	92	79645	50.0	46.8	
40 cis-1,2-Dichloroethene	96	4.462	4.462	0.000	97	213918	50.0	47.8	
41 2-Butanone (MEK)	72	4.484	4.483	0.001	97	146993	250.0	249.4	
42 Ethyl acetate	70	4.491	4.491	0.000	100	40825	100.0	96.0	
43 Methyl acrylate	55	4.548	4.548	0.000	100	212419	50.0	49.3	
44 Propionitrile	54	4.641	4.641	0.000	99	357040	500.0	519.9	
45 Tetrahydrofuran	72	4.712	4.712	0.000	83	62560	100.0	94.3	
46 Chlorobromomethane	128	4.727	4.719	0.008	88	83316	50.0	43.4	
47 Methacrylonitrile	67	4.755	4.748	0.007	91	988546	500.0	506.1	
48 Chloroform	83	4.777	4.777	0.000	99	321081	50.0	49.7	
49 Cyclohexane	56	4.913	4.905	0.008	90	337177	50.0	52.9	
50 1,1,1-Trichloroethane	97	4.934	4.934	0.000	97	276039	50.0	49.7	
$ 51 Dibromofluoromethane (Surr	113	4.956	4.955	0.001	92	119065	50.0	51.2	
52 Carbon tetrachloride	117	5.070	5.063	0.007	96	241291	50.0	49.0	
53 1,1-Dichloropropene	75	5.106	5.105	0.001	97	259576	50.0	48.6	
54 Isobutyl alcohol	43	5.263	5.263	0.000	96	393164	1250.0	1298.8	
133 Isooctane	57	5.299	5.299	0.001	98	676457	50.0	52.9	
55 Benzene	78	5.335	5.334	0.000	96	748387	50.0	47.7	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.356	5.356	0.000	93	125416	50.0	52.0	
59 Isopropyl acetate	43	5.413	5.413	0.000	93	572307	50.0	49.7	
58 Tert-amyl methyl ether	73	5.413	5.413	0.000	74	545591	50.0	48.5	
60 1,2-Dichloroethane	62	5.442	5.442	0.000	97	232046	50.0	50.4	
57 n-Heptane	57	5.520	5.520	0.000	92	159741	50.0	54.1	
* 61 Fluorobenzene	96	5.671	5.670	0.001	99	412178	50.0	50.0	
62 n-Butanol	56	6.042	6.042	0.000	86	180918	1250.0	1355.4	
63 Trichloroethene	95	6.078	6.078	0.000	96	194054	50.0	48.2	
64 Methylcyclohexane	83	6.207	6.207	0.000	96	343329	50.0	53.5	
65 Ethyl acrylate	55	6.228	6.228	0.000	98	547867	50.0	51.9	
66 1,2-Dichloropropane	63	6.393	6.392	0.001	93	198857	50.0	49.2	
* 67 1,4-Dioxane-d8	96	6.457	6.457	0.000	95	41921	1000.0	1000.0	
68 Methyl methacrylate	100	6.493	6.485	0.008	90	122388	100.0	99.9	
69 1,4-Dioxane	88	6.507	6.514	-0.007	87	61995	1000.0	974.7	
70 Dibromomethane	93	6.529	6.528	0.001	92	118936	50.0	51.9	
71 n-Propyl acetate	43	6.550	6.550	0.000	98	326389	50.0	50.3	
72 Dichlorobromomethane	83	6.679	6.678	0.001	98	245485	50.0	49.0	
73 2-Nitropropane	41	7.008	7.007	0.001	80	107088	100.0	97.2	
74 2-Chloroethyl vinyl ether	63	7.008	7.007	0.001	71	113885	50.0	46.0	
75 Epichlorohydrin	57	7.101	7.100	0.001	99	361701	1000.0	1024.1	
76 cis-1,3-Dichloropropene	75	7.144	7.143	0.001	89	329193	50.0	49.4	
77 4-Methyl-2-pentanone (MIBK	43	7.287	7.286	0.001	95	1087433	250.0	266.8	
$ 78 Toluene-d8 (Surr)	98	7.351	7.351	0.000	100	465999	50.0	49.2	
79 Toluene	91	7.415	7.415	0.000	94	807870	50.0	49.4	
80 trans-1,3-Dichloropropene	75	7.694	7.694	0.000	96	287088	50.0	49.0	
81 Ethyl methacrylate	69	7.716	7.715	0.001	90	268633	50.0	49.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 1,1,2-Trichloroethane	83	7.859	7.858	0.001	97	151232	50.0	47.5	
83 Tetrachloroethene	166	7.887	7.887	0.000	95	233639	50.0	49.0	
84 1,3-Dichloropropane	76	8.009	8.008	0.001	92	305531	50.0	48.8	
85 2-Hexanone	43	8.059	8.058	0.001	96	788072	250.0	266.4	
86 n-Butyl acetate	73	8.130	8.137	-0.007	99	47719	50.0	47.6	
87 Chlorodibromomethane	129	8.173	8.173	0.000	98	212086	50.0	50.6	
88 Ethylene Dibromide	107	8.288	8.287	0.001	100	191552	50.0	47.9	
* 89 Chlorobenzene-d5	117	8.645	8.645	0.000	82	337869	50.0	50.0	
90 Chlorobenzene	112	8.667	8.666	0.001	96	536834	50.0	49.1	
91 Ethylbenzene	106	8.731	8.731	0.000	98	292654	50.0	48.1	
92 1,1,1,2-Tetrachloroethane	131	8.745	8.745	0.000	95	198317	50.0	48.7	
93 m-Xylene & p-Xylene	106	8.831	8.831	0.000	98	360791	50.0	48.8	
94 n-Butyl acrylate	73	9.124	9.124	0.000	99	168016	50.0	50.4	
95 o-Xylene	106	9.153	9.152	0.001	94	351350	50.0	49.4	
96 Styrene	104	9.174	9.174	0.000	97	584264	50.0	49.8	
97 Amyl acetate (mixed isomer	43	9.296	9.295	0.001	92	377414	50.0	49.6	
98 Bromoform	173	9.339	9.338	0.001	99	153429	50.0	48.1	
99 Isopropylbenzene	105	9.424	9.424	0.000	95	881009	50.0	51.7	
$ 100 4-Bromofluorobenzene	174	9.582	9.581	0.001	98	170529	50.0	48.6	
101 Bromobenzene	156	9.689	9.689	0.000	92	249160	50.0	48.4	
102 1,1,2,2-Tetrachloroethane	83	9.710	9.710	0.000	99	240049	50.0	49.2	
103 N-Propylbenzene	91	9.732	9.732	0.000	100	1048393	50.0	51.9	
104 1,2,3-Trichloropropane	110	9.753	9.753	0.000	96	72495	50.0	47.9	
105 trans-1,4-Dichloro-2-buten	53	9.761	9.760	0.000	92	69991	50.0	49.0	
106 4-Ethyltoluene	105	9.818	9.817	0.001	98	883068	50.0	50.0	
107 2-Chlorotoluene	91	9.825	9.825	0.000	95	681160	50.0	49.7	
108 1,3,5-Trimethylbenzene	105	9.868	9.868	0.000	94	713363	50.0	50.2	
109 4-Chlorotoluene	91	9.911	9.910	0.001	96	623302	50.0	49.6	
110 Butyl Methacrylate	87	9.925	9.925	0.000	89	270068	50.0	49.9	
111 tert-Butylbenzene	119	10.097	10.103	-0.006	96	626623	50.0	49.5	
112 1,2,4-Trimethylbenzene	105	10.147	10.146	0.001	96	735238	50.0	50.7	
113 sec-Butylbenzene	105	10.261	10.261	0.000	99	934507	50.0	52.6	
114 4-Isopropyltoluene	119	10.361	10.361	0.000	98	813886	50.0	52.7	
115 1,3-Dichlorobenzene	146	10.375	10.375	0.000	99	439946	50.0	49.2	
* 116 1,4-Dichlorobenzene-d4	152	10.425	10.432	-0.007	92	184963	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.447	10.447	0.000	96	439971	50.0	48.4	
118 Benzyl chloride	91	10.547	10.554	-0.007	100	503549	50.0	49.9	
119 2,3-Dihydroindene	117	10.604	10.604	0.000	94	816220	50.0	54.9	
120 p-Diethylbenzene	119	10.633	10.633	0.000	95	467205	50.0	49.6	
121 n-Butylbenzene	91	10.647	10.654	-0.007	98	828450	50.0	52.2	
122 1,2-Dichlorobenzene	146	10.719	10.718	0.001	98	408940	50.0	50.0	
123 1,2,4,5-Tetramethylbenzene	119	11.191	11.190	0.001	98	745049	50.0	52.3	
124 1,2-Dibromo-3-Chloropropan	75	11.284	11.283	0.001	92	46332	50.0	53.9	
125 1,3,5-Trichlorobenzene	180	11.391	11.391	0.001	96	343539	50.0	51.1	
126 1,2,4-Trichlorobenzene	180	11.906	11.905	0.001	93	300540	50.0	52.4	
127 Hexachlorobutadiene	225	11.991	11.991	0.000	98	145888	50.0	51.4	
128 Naphthalene	128	12.142	12.141	0.001	99	662698	50.0	50.9	
129 1,2,3-Trichlorobenzene	180	12.363	12.363	0.000	96	248472	50.0	52.3	
S 130 1,2-Dichloroethene, Total	100				0		100.0	96.2	
S 165 1,3-Dichloropropene, Total	100				0		100.0	98.4	
S 131 Xylenes, Total	100				0		100.0	98.2	
S 132 Total BTEX	1				0		250.0	243.3	

Reagents:

ACROLEIN W_00043	Amount Added:	10.00	Units: uL	
MIX I Hi_00048	Amount Added:	5.00	Units: uL	
MIX 2 Hi_00036	Amount Added:	5.00	Units: uL	
	Amount Added:	5.00	Units: uL	
GAS Hi_00119	Amount Added:	5.00	Units: uL	
8260ISSUR50_00019	Amount Added:	5.00	Units: uL	Run Reagent

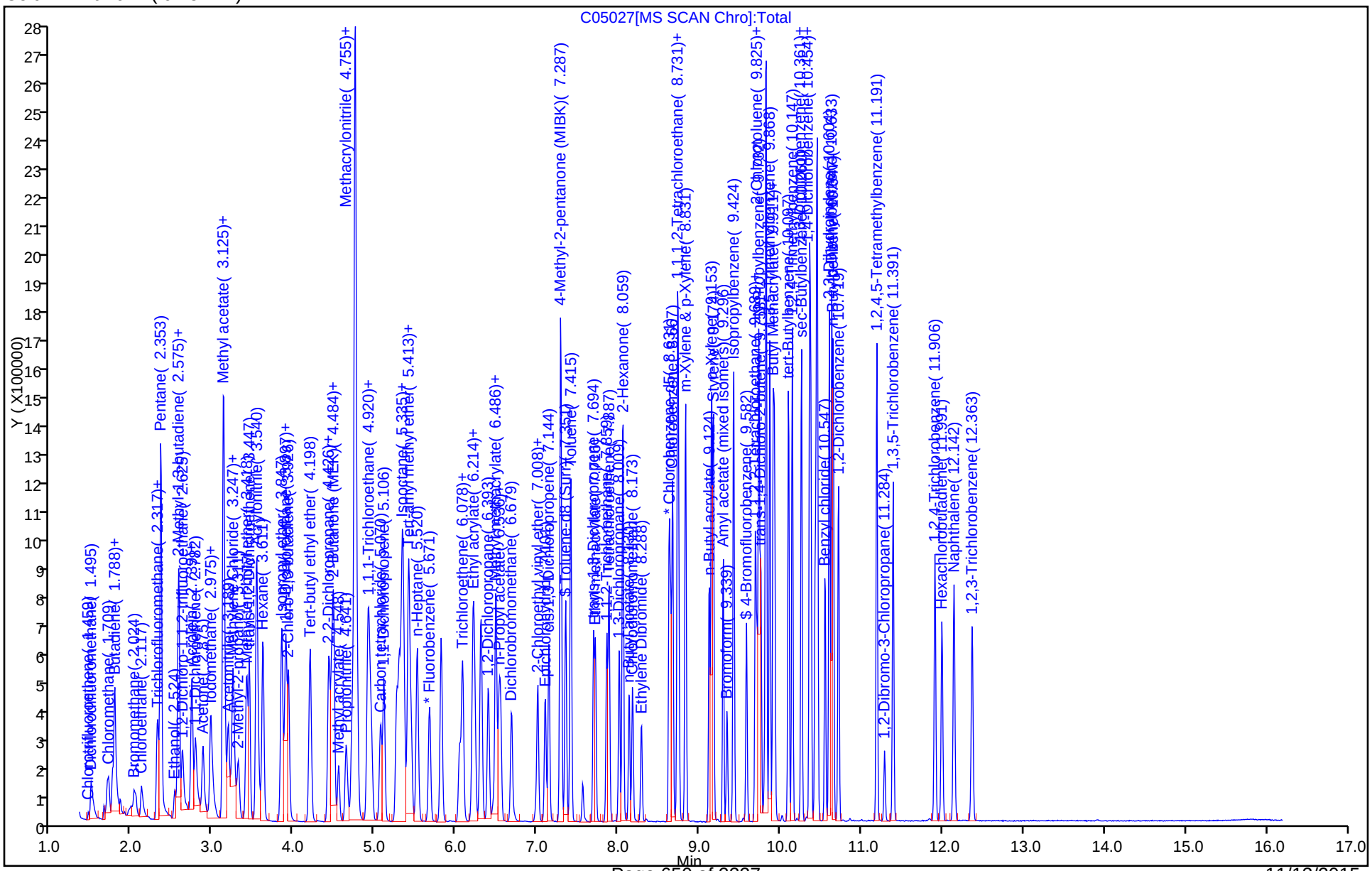
Report Date: 02-Nov-2015 17:17:07 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\C05027.D

Injection Date:	29-Oct-2015 10:40:30	Instrument ID:	CVOAMS3	Operator ID:	VOA GC/MS3
Lims ID:	STD50			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260W_3	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\C05028.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 29-Oct-2015 11:06:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0033563-007
Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3
Sublist: chrom-8260W_3*sub33

Method: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\8260W_3.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Nov-2015 17:17:14 Calib Date: 29-Oct-2015 13:14:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\C05033.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: tupayachia Date: 29-Oct-2015 12:15:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.459	1.487	-0.028	51	33617	200.0	195.4	
2 Dichlorodifluoromethane	85	1.495	1.495	0.000	99	860120	200.0	205.3	
3 Chloromethane	50	1.702	1.702	0.000	99	782266	200.0	173.6	
4 Vinyl chloride	62	1.759	1.759	0.000	97	978702	200.0	195.1	
5 Butadiene	54	1.788	1.788	0.000	92	906906	200.0	205.5	
6 Bromomethane	94	2.024	2.024	0.000	99	219355	200.0	195.9	
7 Chloroethane	64	2.117	2.117	0.000	99	503681	200.0	190.8	
8 Dichlorofluoromethane	67	2.310	2.310	0.000	99	1220527	200.0	170.8	
9 Trichlorofluoromethane	101	2.317	2.317	0.000	98	1026948	200.0	199.0	
10 Pentane	72	2.360	2.353	0.007	96	333122	400.0	442.5	
11 Ethanol	46	2.524	2.524	0.000	99	200243	8000.0	7976.2	
12 Ethyl ether	59	2.574	2.560	0.014	95	623422	200.0	190.5	
13 2-Methyl-1,3-butadiene	53	2.582	2.574	0.008	94	725717	200.0	211.5	
14 1,2-Dichloro-1,1,2-trifluo	117	2.624	2.610	0.014	89	522995	200.0	185.1	
15 1,1,2-Trichloro-1,2,2-trif	101	2.746	2.732	0.014	98	748696	200.0	225.7	
16 Acrolein	56	2.746	2.746	0.000	95	225992	200.0	216.8	
17 1,1-Dichloroethene	96	2.782	2.782	0.000	97	715999	200.0	194.8	
18 Acetone	43	2.875	2.875	0.000	87	1354175	1000.0	963.2	
20 Iodomethane	142	2.939	2.939	0.000	96	408944	200.0	204.7	
19 Isopropyl alcohol	45	2.975	2.968	0.007	100	575546	2000.0	1876.3	
21 Carbon disulfide	76	2.968	2.975	-0.007	99	2367942	200.0	204.5	
22 3-Chloro-1-propene	76	3.118	3.118	0.000	86	368831	200.0	199.4	
23 Cyclopentene	67	3.139	3.125	0.014	94	1936032	200.0	204.3	
24 Methyl acetate	43	3.132	3.125	0.007	100	3907803	1000.0	972.9	
25 Acetonitrile	41	3.189	3.189	0.000	99	1499990	2000.0	1972.7	
* 26 TBA-d9 (IS)	65	3.246	3.239	0.007	87	325258	1000.0	1000.0	
27 Methylene Chloride	84	3.254	3.246	0.008	93	785522	200.0	188.6	
28 2-Methyl-2-propanol	59	3.318	3.318	0.000	99	792182	2000.0	1712.3	
29 Methyl tert-butyl ether	73	3.418	3.411	0.007	97	2130782	200.0	192.4	
30 trans-1,2-Dichloroethene	96	3.461	3.447	0.014	94	738659	200.0	183.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.540	3.540	0.000	97	3380839	2000.0	1910.5	
32 Hexane	43	3.618	3.611	0.007	93	815381	200.0	210.2	
34 Isopropyl ether	45	3.847	3.847	0.000	99	2471518	200.0	194.2	
35 1,1-Dichloroethane	63	3.897	3.883	0.014	99	1356300	200.0	185.9	
33 Vinyl acetate	43	3.904	3.897	0.007	100	2129723	400.0	359.6	
36 2-Chloro-1,3-butadiene	88	3.933	3.926	0.007	88	753522	200.0	198.8	
37 Tert-butyl ethyl ether	59	4.197	4.197	0.000	89	2283868	200.0	192.3	
* 38 2-Butanone-d5	46	4.426	4.419	0.007	95	301371	250.0	250.0	
39 2,2-Dichloropropane	79	4.433	4.426	0.007	94	311829	200.0	202.2	
40 cis-1,2-Dichloroethene	96	4.469	4.462	0.007	98	832902	200.0	182.2	
41 2-Butanone (MEK)	72	4.491	4.483	0.008	98	553072	1000.0	956.8	
42 Ethyl acetate	70	4.498	4.491	0.007	99	152189	400.0	364.8	
43 Methyl acrylate	55	4.548	4.548	0.000	100	805336	200.0	182.8	
44 Propionitrile	54	4.648	4.641	0.007	99	1297318	2000.0	1848.8	
45 Tetrahydrofuran	72	4.719	4.712	0.007	88	221274	400.0	340.2	
46 Chlorobromomethane	128	4.727	4.719	0.008	89	379906	200.0	193.8	
47 Methacrylonitrile	67	4.762	4.748	0.014	90	3734827	2000.0	1871.3	
48 Chloroform	83	4.791	4.777	0.014	99	1195399	200.0	181.2	
49 Cyclohexane	56	4.912	4.905	0.007	90	1443737	200.0	221.7	
50 1,1,1-Trichloroethane	97	4.941	4.934	0.007	98	1126526	200.0	198.4	
$ 51 Dibromofluoromethane (Surr	113	4.963	4.955	0.008	91	111600	50.0	47.0	
52 Carbon tetrachloride	117	5.070	5.063	0.007	95	1020976	200.0	203.1	
53 1,1-Dichloropropene	75	5.113	5.105	0.008	98	1089282	200.0	199.7	
54 Isobutyl alcohol	43	5.270	5.263	0.007	90	1513394	5000.0	5203.0	
133 Isooctane	57	5.299	5.299	0.001	98	2836359	200.0	217.0	
55 Benzene	78	5.334	5.334	0.000	95	3047060	200.0	189.4	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.363	5.356	0.007	79	118630	50.0	48.2	
59 Isopropyl acetate	43	5.413	5.413	0.000	97	2215707	200.0	188.1	
58 Tert-amyl methyl ether	73	5.413	5.413	0.000	95	2191824	200.0	190.7	
60 1,2-Dichloroethane	62	5.449	5.442	0.007	96	856514	200.0	181.9	
57 n-Heptane	57	5.520	5.520	0.000	91	666780	200.0	220.8	
* 61 Fluorobenzene	96	5.670	5.670	0.000	99	421169	50.0	50.0	
62 n-Butanol	56	6.049	6.042	0.007	86	656493	5000.0	5118.4	
63 Trichloroethene	95	6.078	6.078	0.000	95	802405	200.0	195.1	
64 Methylcyclohexane	83	6.214	6.207	0.007	96	1449699	200.0	221.0	
65 Ethyl acrylate	55	6.228	6.228	0.000	98	2195920	200.0	203.5	
66 1,2-Dichloropropane	63	6.400	6.392	0.008	94	803347	200.0	194.5	
* 67 1,4-Dioxane-d8	96	6.457	6.457	0.000	92	40474	1000.0	1000.0	
68 Methyl methacrylate	100	6.493	6.485	0.008	89	463417	400.0	370.3	
69 1,4-Dioxane	88	6.514	6.514	0.000	92	216180	4000.0	3520.2	
70 Dibromomethane	93	6.536	6.528	0.008	91	362017	200.0	154.6	
71 n-Propyl acetate	43	6.550	6.550	0.000	98	1273493	200.0	191.9	
72 Dichlorobromomethane	83	6.686	6.678	0.008	99	983775	200.0	192.2	
73 2-Nitropropane	41	7.008	7.007	0.001	80	388699	400.0	345.2	
74 2-Chloroethyl vinyl ether	63	7.008	7.007	0.001	70	455843	200.0	180.3	
75 Epichlorohydrin	57	7.100	7.100	0.000	99	1255067	4000.0	3622.9	
76 cis-1,3-Dichloropropene	75	7.143	7.143	0.000	89	1298312	200.0	190.1	
77 4-Methyl-2-pentanone (MIBK	43	7.294	7.286	0.008	94	3867372	1000.0	967.5	
$ 78 Toluene-d8 (Surr)	98	7.351	7.351	0.000	100	475165	50.0	48.9	
79 Toluene	91	7.415	7.415	0.000	94	3193097	200.0	190.5	
80 trans-1,3-Dichloropropene	75	7.694	7.694	0.000	97	1138447	200.0	189.6	
81 Ethyl methacrylate	69	7.715	7.715	0.000	89	1066293	200.0	192.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 1,1,2-Trichloroethane	83	7.858	7.858	0.000	96	599753	200.0	183.8	
83 Tetrachloroethene	166	7.887	7.887	0.000	94	989429	200.0	202.4	
84 1,3-Dichloropropane	76	8.009	8.008	0.001	92	1198880	200.0	186.7	
85 2-Hexanone	43	8.059	8.058	0.001	94	2797628	1000.0	964.0	
86 n-Butyl acetate	73	8.137	8.137	0.000	98	179361	200.0	174.7	
87 Chlorodibromomethane	129	8.173	8.173	0.000	98	866991	200.0	201.6	
88 Ethylene Dibromide	107	8.287	8.287	0.000	98	763261	200.0	186.1	
* 89 Chlorobenzene-d5	117	8.645	8.645	0.000	84	346320	50.0	50.0	
90 Chlorobenzene	112	8.674	8.666	0.008	97	2145162	200.0	191.4	
91 Ethylbenzene	106	8.731	8.731	0.000	97	1206635	200.0	193.4	
92 1,1,1,2-Tetrachloroethane	131	8.745	8.745	0.000	95	808195	200.0	193.5	
93 m-Xylene & p-Xylene	106	8.831	8.831	0.000	98	1439979	200.0	189.9	
94 n-Butyl acrylate	73	9.124	9.124	0.000	99	637131	200.0	186.3	
95 o-Xylene	106	9.153	9.152	0.001	95	1388604	200.0	190.5	
96 Styrene	104	9.174	9.174	0.000	97	2306896	200.0	191.7	
97 Amyl acetate (mixed isomer	43	9.296	9.295	0.001	92	1399364	200.0	186.4	
98 Bromoform	173	9.338	9.338	0.000	99	626714	200.0	191.5	
99 Isopropylbenzene	105	9.424	9.424	0.000	95	3351505	200.0	191.7	
$ 100 4-Bromofluorobenzene	174	9.582	9.581	0.001	98	177520	50.0	51.2	
101 Bromobenzene	156	9.696	9.689	0.007	91	977872	200.0	192.3	
102 1,1,2,2-Tetrachloroethane	83	9.710	9.710	0.000	99	916010	200.0	190.3	
103 N-Propylbenzene	91	9.732	9.732	0.000	99	3932000	200.0	197.1	
104 1,2,3-Trichloropropane	110	9.753	9.753	0.000	98	271064	200.0	181.3	
105 trans-1,4-Dichloro-2-buten	53	9.760	9.760	0.000	92	260190	200.0	184.7	
106 4-Ethyltoluene	105	9.818	9.817	0.001	97	3446911	200.0	197.7	
107 2-Chlorotoluene	91	9.825	9.825	0.000	96	2627376	200.0	194.1	
108 1,3,5-Trimethylbenzene	105	9.868	9.868	0.000	95	2772444	200.0	197.6	
109 4-Chlorotoluene	91	9.910	9.910	0.000	96	2380094	200.0	192.0	
110 Butyl Methacrylate	87	9.932	9.925	0.007	86	1040505	200.0	194.9	
111 tert-Butylbenzene	119	10.104	10.103	0.001	96	2452974	200.0	196.5	
112 1,2,4-Trimethylbenzene	105	10.146	10.146	0.000	96	2794430	200.0	195.3	
113 sec-Butylbenzene	105	10.261	10.261	0.000	98	3547998	200.0	202.3	
114 4-Isopropyltoluene	119	10.361	10.361	0.000	97	3095068	200.0	203.1	
115 1,3-Dichlorobenzene	146	10.375	10.375	0.000	98	1709340	200.0	193.8	
* 116 1,4-Dichlorobenzene-d4	152	10.432	10.432	0.000	91	182582	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.447	10.447	0.000	97	1748872	200.0	194.8	
118 Benzyl chloride	91	10.554	10.554	0.000	100	1884515	200.0	189.3	
119 2,3-Dihydroindene	117	10.604	10.604	0.000	95	2860178	200.0	188.4	
120 p-Diethylbenzene	119	10.633	10.633	0.000	96	1873539	200.0	201.4	
121 n-Butylbenzene	91	10.654	10.654	0.000	97	3208069	200.0	204.8	
122 1,2-Dichlorobenzene	146	10.718	10.718	0.000	98	1562826	200.0	193.6	
123 1,2,4,5-Tetramethylbenzene	119	11.190	11.190	0.000	99	2782945	200.0	198.1	
124 1,2-Dibromo-3-Chloropropan	75	11.283	11.283	0.000	92	166934	200.0	198.6	
125 1,3,5-Trichlorobenzene	180	11.391	11.391	0.001	97	1357534	200.0	204.7	
126 1,2,4-Trichlorobenzene	180	11.905	11.905	0.000	93	1170810	200.0	207.0	
127 Hexachlorobutadiene	225	11.991	11.991	0.000	99	606985	200.0	216.6	
128 Naphthalene	128	12.141	12.141	0.000	99	2576208	200.0	200.3	
129 1,2,3-Trichlorobenzene	180	12.363	12.363	0.000	96	983634	200.0	209.7	
S 130 1,2-Dichloroethene, Total	100				0		400.0	365.1	
S 165 1,3-Dichloropropene, Total	100				0		400.0	379.7	
S 131 Xylenes, Total	100				0		400.0	380.4	
S 132 Total BTEX	1				0		1000.0	953.7	

Reagents:

ACROLEIN W_00043	Amount Added:	20.00	Units: uL	
MIX I Hi_00048	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00036	Amount Added:	20.00	Units: uL	
	Amount Added:	20.00	Units: uL	
GAS Hi_00119	Amount Added:	20.00	Units: uL	
8260ISSUR50_00019	Amount Added:	5.00	Units: uL	Run Reagent

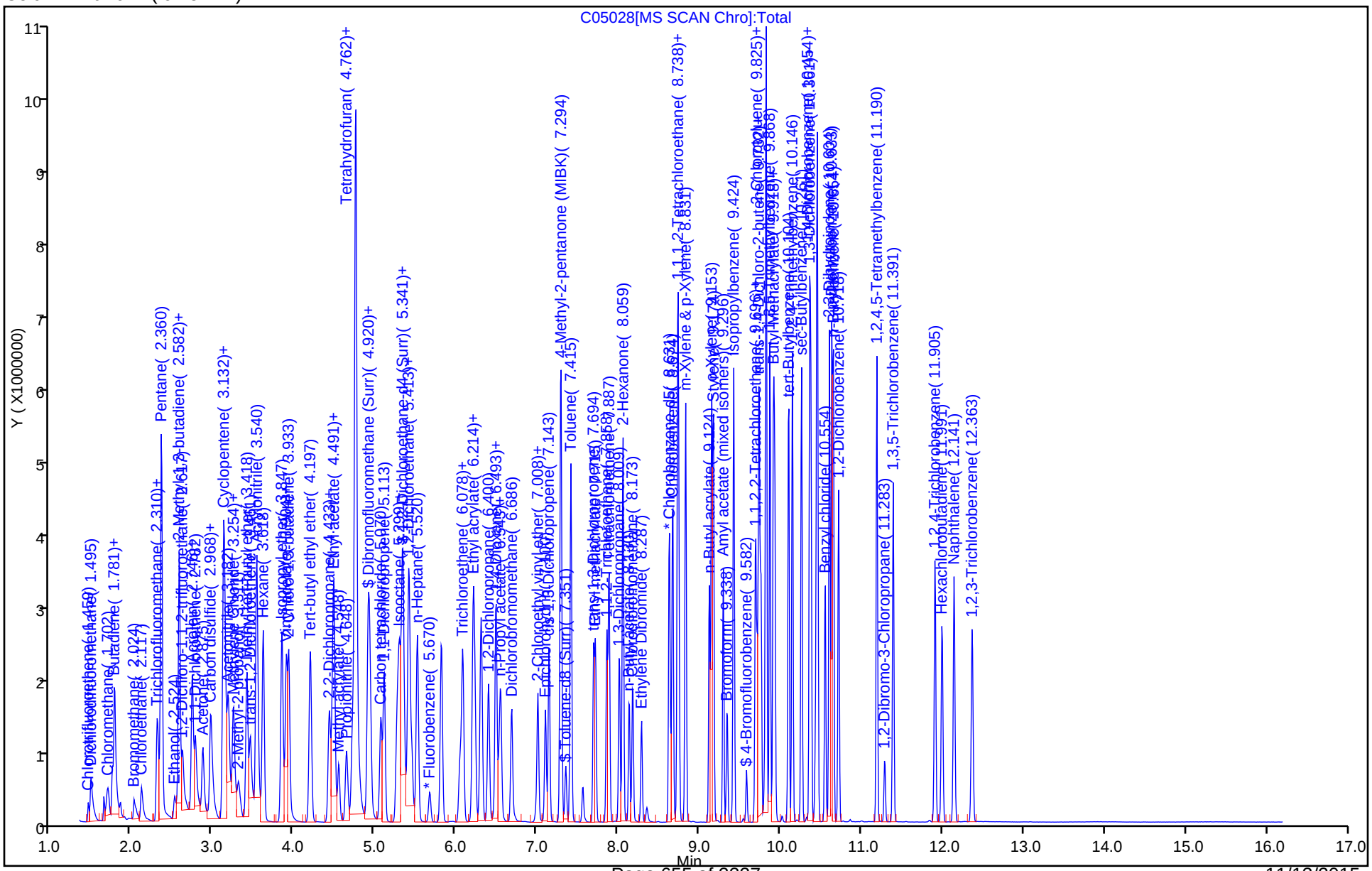
Report Date: 02-Nov-2015 17:17:21 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\C05028.D

Injection Date:	29-Oct-2015 11:06:30	Instrument ID:	CVOAMS3	Operator ID:	VOA GC/MS3
Lims ID:	STD200			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260W_3	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\C05029.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 29-Oct-2015 11:31:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0033563-008
Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3
Sublist: chrom-8260W_3*sub33

Method: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\8260W_3.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Nov-2015 17:17:34 Calib Date: 29-Oct-2015 13:14:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\C05033.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: baronm Date: 02-Nov-2015 16:16:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.459	1.487	-0.028	78	238648	500.0	500.2	
2 Dichlorodifluoromethane	85	1.495	1.495	0.000	99	2370947	500.0	623.4	
3 Chloromethane	50	1.702	1.702	0.000	99	2021618	500.0	494.4	
4 Vinyl chloride	62	1.759	1.759	0.000	97	2434855	500.0	534.7	
5 Butadiene	54	1.781	1.788	-0.007	93	2261092	500.0	564.5	
6 Bromomethane	94	2.024	2.024	0.000	99	819483	500.0	500.3	
7 Chloroethane	64	2.117	2.117	0.000	99	1304189	500.0	544.4	
8 Dichlorofluoromethane	67	2.310	2.310	0.000	99	3266432	500.0	503.8	
9 Trichlorofluoromethane	101	2.317	2.317	0.000	98	2752431	500.0	500.1	
10 Pentane	72	2.381	2.353	0.028	96	669639	1000.0	980.0	
11 Ethanol	46	2.524	2.524	0.000	97	473771	20000	20004	
12 Ethyl ether	59	2.582	2.560	0.022	94	1429792	500.0	481.3	
13 2-Methyl-1,3-butadiene	53	2.596	2.574	0.022	95	1596810	500.0	512.7	
14 1,2-Dichloro-1,1,2-trifluo	117	2.617	2.610	0.007	82	1500610	500.0	585.1	
15 1,1,2-Trichloro-1,2,2-trif	101	2.760	2.732	0.028	98	1673940	500.0	556.1	
16 Acrolein	56	2.746	2.746	0.000	92	385867	400.0	407.8	
17 1,1-Dichloroethene	96	2.782	2.782	0.000	97	1733816	500.0	519.7	
18 Acetone	43	2.875	2.875	0.000	88	3434954	2500.0	2517.8	
20 Iodomethane	142	2.939	2.939	0.000	96	1277920	500.0	499.6	
19 Isopropyl alcohol	45	2.975	2.968	0.007	100	1378090	5000.0	4547.6	M
21 Carbon disulfide	76	2.968	2.975	-0.007	99	5765614	500.0	548.5	
22 3-Chloro-1-propene	76	3.118	3.118	0.000	83	962833	500.0	573.5	
23 Cyclopentene	67	3.139	3.125	0.014	89	4679068	500.0	544.1	
24 Methyl acetate	43	3.132	3.125	0.007	98	8529978	2500.0	2339.9	
25 Acetonitrile	41	3.189	3.189	0.000	99	3587446	5000.0	5198.3	
* 26 TBA-d9 (IS)	65	3.268	3.239	0.029	85	321324	1000.0	1000.0	
27 Methylene Chloride	84	3.254	3.246	0.008	92	1860732	500.0	492.1	
28 2-Methyl-2-propanol	59	3.340	3.318	0.022	99	1935724	5000.0	4235.2	
29 Methyl tert-butyl ether	73	3.425	3.411	0.014	98	4891878	500.0	486.6	
30 trans-1,2-Dichloroethene	96	3.461	3.447	0.014	93	1822243	500.0	497.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.540	3.540	0.000	94	7486640	5000.0	4661.5	
32 Hexane	43	3.626	3.611	0.015	92	1900480	500.0	539.7	
34 Isopropyl ether	45	3.854	3.847	0.007	98	5486628	500.0	475.0	
35 1,1-Dichloroethane	63	3.897	3.883	0.014	99	3242341	500.0	489.6	
33 Vinyl acetate	43	3.912	3.897	0.015	100	4508852	1000.0	838.8	
36 2-Chloro-1,3-butadiene	88	3.940	3.926	0.014	88	1771071	500.0	514.9	
37 Tert-butyl ethyl ether	59	4.205	4.197	0.008	91	5177879	500.0	480.3	
* 38 2-Butanone-d5	46	4.434	4.419	0.015	96	292450	250.0	250.0	
39 2,2-Dichloropropane	79	4.448	4.426	0.022	93	527557	500.0	499.3	
40 cis-1,2-Dichloroethene	96	4.476	4.462	0.014	99	1996249	500.0	481.1	
41 2-Butanone (MEK)	72	4.498	4.483	0.015	98	1281204	2500.0	2284.0	
42 Ethyl acetate	70	4.498	4.491	0.007	99	353021	1000.0	871.9	
43 Methyl acrylate	55	4.555	4.548	0.007	100	1871835	500.0	468.2	
44 Propionitrile	54	4.648	4.641	0.007	99	3035637	5000.0	4766.5	
45 Tetrahydrofuran	72	4.720	4.712	0.008	93	557734	1000.0	883.6	
46 Chlorobromomethane	128	4.727	4.719	0.008	85	914439	500.0	513.9	
47 Methacrylonitrile	67	4.770	4.748	0.022	86	8203724	5000.0	4529.0	
48 Chloroform	83	4.791	4.777	0.014	99	2832318	500.0	472.9	
49 Cyclohexane	56	4.920	4.905	0.015	90	3205177	500.0	542.4	
50 1,1,1-Trichloroethane	97	4.948	4.934	0.014	97	2454067	500.0	476.1	
$ 51 Dibromofluoromethane (Surr	113	4.970	4.955	0.015	90	105017	50.0	48.7	
52 Carbon tetrachloride	117	5.077	5.063	0.014	95	2333500	500.0	511.5	
53 1,1-Dichloropropene	75	5.113	5.105	0.008	98	2569345	500.0	518.9	
54 Isobutyl alcohol	43	5.292	5.263	0.029	93	3397810	12500	11825	
133 Isooctane	57	5.306	5.299	0.008	97	6230265	500.0	525.1	
55 Benzene	78	5.342	5.334	0.008	95	6684642	500.0	471.2	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.370	5.356	0.014	38	99746	50.0	44.6	
59 Isopropyl acetate	43	5.420	5.413	0.007	97	5048993	500.0	472.3	
58 Tert-amyl methyl ether	73	5.420	5.413	0.007	89	5425213	500.0	520.1	
60 1,2-Dichloroethane	62	5.463	5.442	0.021	95	1885056	500.0	441.1	
57 n-Heptane	57	5.520	5.520	0.000	92	1498301	500.0	546.7	
* 61 Fluorobenzene	96	5.678	5.670	0.008	99	382252	50.0	50.0	
62 n-Butanol	56	6.064	6.042	0.022	85	1536243	12500	12124	
63 Trichloroethene	95	6.085	6.078	0.007	95	1874992	500.0	502.4	
64 Methylcyclohexane	83	6.214	6.207	0.007	95	3424021	500.0	575.1	
65 Ethyl acrylate	55	6.228	6.228	0.000	99	4947717	500.0	505.1	
66 1,2-Dichloropropane	63	6.400	6.392	0.008	94	1772333	500.0	472.7	
* 67 1,4-Dioxane-d8	96	6.471	6.457	0.014	89	35940	1000.0	1000.0	
68 Methyl methacrylate	100	6.493	6.485	0.008	88	1095269	1000.0	964.4	
69 1,4-Dioxane	88	6.521	6.514	0.007	92	526025	10000	9646.2	
70 Dibromomethane	93	6.536	6.528	0.008	91	863537	500.0	406.2	
71 n-Propyl acetate	43	6.550	6.550	0.000	98	2845021	500.0	472.4	
72 Dichlorobromomethane	83	6.686	6.678	0.008	99	2143861	500.0	461.6	
73 2-Nitropropane	41	7.008	7.007	0.001	79	850126	1000.0	831.9	
74 2-Chloroethyl vinyl ether	63	7.008	7.007	0.001	71	1040009	500.0	453.2	
75 Epichlorohydrin	57	7.108	7.100	0.008	99	2933600	10000	8726.6	
76 cis-1,3-Dichloropropene	75	7.151	7.143	0.008	88	2896174	500.0	480.8	
77 4-Methyl-2-pentanone (MIBK	43	7.294	7.286	0.008	90	7568848	2500.0	1951.2	
$ 78 Toluene-d8 (Surr)	98	7.351	7.351	0.000	98	424450	50.0	49.6	
79 Toluene	91	7.415	7.415	0.000	97	6591559	500.0	446.0	
80 trans-1,3-Dichloropropene	75	7.701	7.694	0.007	96	2494433	500.0	471.1	
81 Ethyl methacrylate	69	7.723	7.715	0.008	88	2376433	500.0	472.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 1,1,2-Trichloroethane	83	7.859	7.858	0.001	96	1340672	500.0	465.8	
83 Tetrachloroethene	166	7.887	7.887	0.000	94	2370624	500.0	549.9	
84 1,3-Dichloropropane	76	8.016	8.008	0.008	91	2623263	500.0	463.2	
85 2-Hexanone	43	8.059	8.058	0.001	90	5666730	2500.0	2012.2	
86 n-Butyl acetate	73	8.137	8.137	0.000	99	412428	500.0	455.4	
87 Chlorodibromomethane	129	8.180	8.173	0.007	97	1913795	500.0	504.7	
88 Ethylene Dibromide	107	8.288	8.287	0.001	98	1726566	500.0	477.3	
* 89 Chlorobenzene-d5	117	8.645	8.645	0.000	85	305427	50.0	50.0	
90 Chlorobenzene	112	8.674	8.666	0.008	94	4640700	500.0	469.5	
91 Ethylbenzene	106	8.738	8.731	0.007	96	2771616	500.0	503.6	
92 1,1,1,2-Tetrachloroethane	131	8.745	8.745	0.000	96	1867612	500.0	507.0	
93 m-Xylene & p-Xylene	106	8.831	8.831	0.000	95	3321075	500.0	496.7	
94 n-Butyl acrylate	73	9.124	9.124	0.000	99	1447006	500.0	479.7	
95 o-Xylene	106	9.153	9.152	0.001	98	3241283	500.0	504.1	
96 Styrene	104	9.174	9.174	0.000	92	4860527	500.0	458.0	
97 Amyl acetate (mixed isomer	43	9.296	9.295	0.001	93	3070223	500.0	457.4	
98 Bromoform	173	9.346	9.338	0.008	99	1495189	500.0	518.1	
99 Isopropylbenzene	105	9.424	9.424	0.000	95	6688455	500.0	433.9	
$ 100 4-Bromofluorobenzene	174	9.582	9.581	0.001	98	159698	50.0	51.6	
101 Bromobenzene	156	9.696	9.689	0.007	89	2333030	500.0	513.2	
102 1,1,2,2-Tetrachloroethane	83	9.718	9.710	0.008	98	2058637	500.0	478.4	
103 N-Propylbenzene	91	9.739	9.732	0.007	95	7515678	500.0	421.3	
104 1,2,3-Trichloropropane	110	9.760	9.753	0.007	96	646008	500.0	483.3	
105 trans-1,4-Dichloro-2-buten	53	9.768	9.760	0.008	93	594155	500.0	471.7	
106 4-Ethyltoluene	105	9.825	9.817	0.008	94	6897951	500.0	442.6	
107 2-Chlorotoluene	91	9.825	9.825	0.000	96	5596578	500.0	462.4	
108 1,3,5-Trimethylbenzene	105	9.875	9.868	0.007	97	5776294	500.0	460.5	
109 4-Chlorotoluene	91	9.918	9.910	0.008	94	5017206	500.0	452.7	
110 Butyl Methacrylate	87	9.932	9.925	0.007	87	2312220	500.0	484.4	
111 tert-Butylbenzene	119	10.104	10.103	0.001	93	5282105	500.0	473.2	
112 1,2,4-Trimethylbenzene	105	10.147	10.146	0.001	95	5669777	500.0	443.1	
113 sec-Butylbenzene	105	10.261	10.261	0.000	94	6794427	500.0	433.3	
114 4-Isopropyltoluene	119	10.361	10.361	0.000	94	6227971	500.0	457.0	
115 1,3-Dichlorobenzene	146	10.383	10.375	0.008	97	3844179	500.0	487.5	
* 116 1,4-Dichlorobenzene-d4	152	10.433	10.432	0.001	86	163254	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.447	10.447	0.000	94	3864424	500.0	481.3	
118 Benzyl chloride	91	10.554	10.554	0.000	99	3853089	500.0	432.8	
119 2,3-Dihydroindene	117	10.604	10.604	0.000	96	5834581	500.0	423.5	
120 p-Diethylbenzene	119	10.633	10.633	0.000	94	4030793	500.0	484.6	
121 n-Butylbenzene	91	10.654	10.654	0.000	98	6533371	500.0	466.5	
122 1,2-Dichlorobenzene	146	10.719	10.718	0.001	97	3433444	500.0	475.7	
123 1,2,4,5-Tetramethylbenzene	119	11.191	11.190	0.001	97	5579063	500.0	444.1	
124 1,2-Dibromo-3-Chloropropan	75	11.283	11.283	0.000	93	368575	500.0	500.2	
125 1,3,5-Trichlorobenzene	180	11.391	11.391	0.001	96	3056806	500.0	515.4	
126 1,2,4-Trichlorobenzene	180	11.906	11.905	0.001	93	2778751	500.0	549.4	
127 Hexachlorobutadiene	225	11.999	11.991	0.007	98	1409820	500.0	562.6	
128 Naphthalene	128	12.142	12.141	0.001	99	5634258	500.0	490.0	
129 1,2,3-Trichlorobenzene	180	12.363	12.363	0.000	95	2267608	500.0	540.7	
S 130 1,2-Dichloroethene, Total	100				0		1000.0	978.4	
S 165 1,3-Dichloropropene, Total	100				0		1000.0	951.9	
S 131 Xylenes, Total	100				0		1000.0	1000.8	
S 132 Total BTEX	1				0		2500.0	2421.6	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00043	Amount Added:	40.00	Units: uL	
MIX I Hi_00048	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00036	Amount Added:	50.00	Units: uL	
	Amount Added:	50.00	Units: uL	
GAS Hi_00119	Amount Added:	50.00	Units: uL	
8260ISSUR50_00019	Amount Added:	5.00	Units: uL	Run Reagent

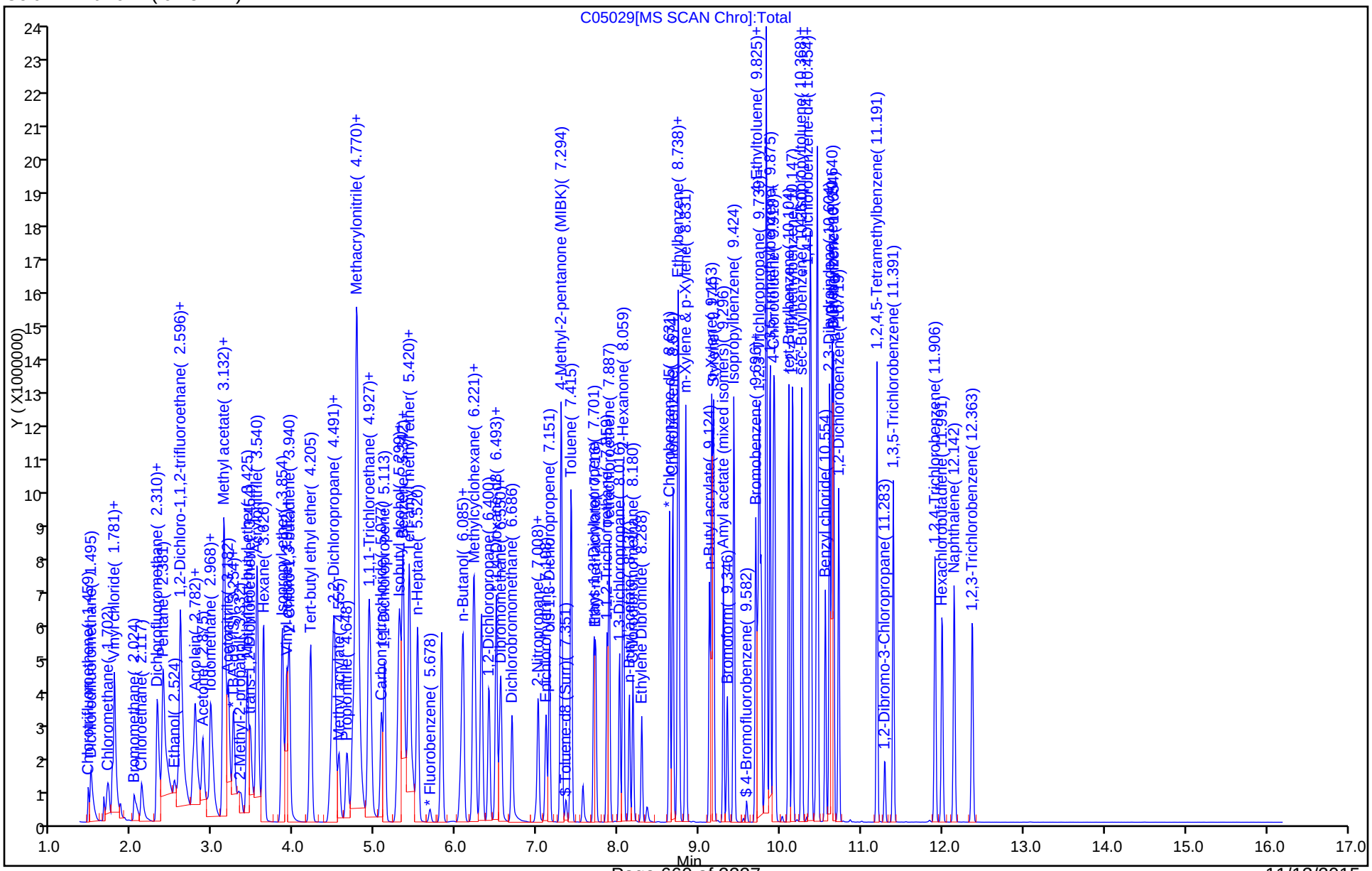
Report Date: 02-Nov-2015 17:17:40 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\C05029.D

Injection Date:	29-Oct-2015 11:31:30	Instrument ID:	CVOAMS3	Operator ID:	VOA GC/MS3
Lims ID:	STD500			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260W_3	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\C05033.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 29-Oct-2015 13:14:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: BLK
Misc. Info.: 460-0033563-012
Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3
Sublist: chrom-8260W_3*sub33

Method: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\8260W_3.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Nov-2015 17:17:58 Calib Date: 29-Oct-2015 13:14:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\C05033.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: kluseys Date: 29-Oct-2015 18:30:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.225	3.239	-0.014	85	309058	1000.0	1000.0	
31 Acrylonitrile	53	3.540	3.540	0.000	98	3046	2.00	2.00	
* 38 2-Butanone-d5	46	4.419	4.419	0.000	98	279707	250.0	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.955	4.955	0.000	91	105968	50.0	51.8	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.356	5.356	0.000	89	104652	50.0	49.4	
* 61 Fluorobenzene	96	5.670	5.670	0.000	99	362623	50.0	50.0	
* 67 1,4-Dioxane-d8	96	6.450	6.457	-0.007	98	36464	1000.0	1000.0	
75 Epichlorohydrin	57	7.022	7.100	-0.078	1	1746	5.00	5.43	
$ 78 Toluene-d8 (Surr)	98	7.351	7.351	0.000	100	415071	50.0	48.8	
* 89 Chlorobenzene-d5	117	8.645	8.645	0.000	83	303370	50.0	50.0	
$ 100 4-Bromofluorobenzene	174	9.582	9.581	0.001	97	162989	50.0	50.7	
* 116 1,4-Dichlorobenzene-d4	152	10.432	10.432	0.000	93	169590	50.0	50.0	

Reagents:

GAS Hi_00119	Amount Added:	0.00	Units: uL	
MIX I Hi_00048	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00036	Amount Added:	0.00	Units: uL	
ACROLEIN W_00043	Amount Added:	0.00	Units: uL	
14DIOXINTER_00045	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00015	Amount Added:	2.00	Units: uL	
8260ISSUR50_00019	Amount Added:	5.00	Units: uL	Run Reagent

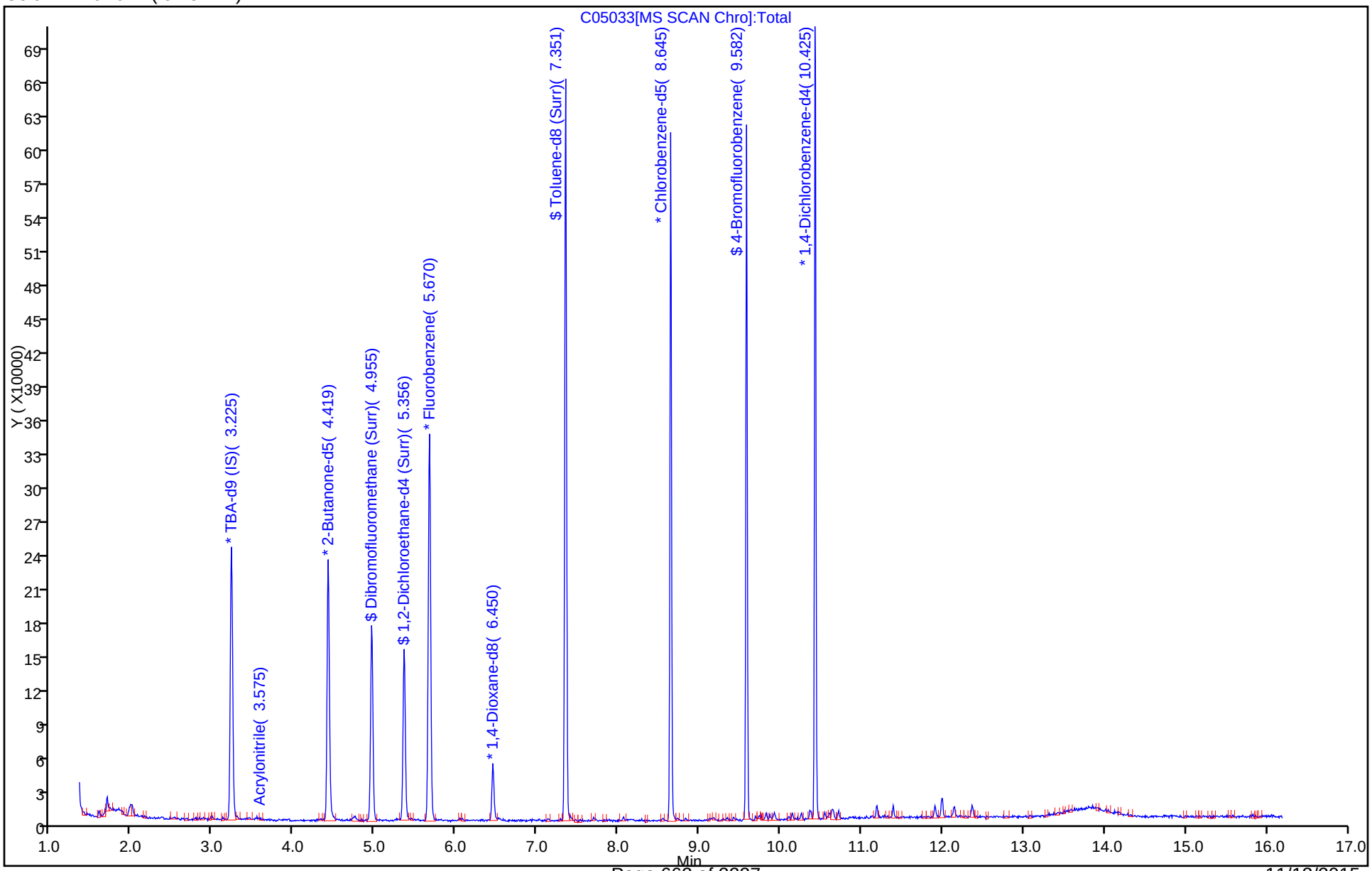
Report Date: 02-Nov-2015 17:19:02 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\C05033.D

Injection Date:	29-Oct-2015 13:14:30	Instrument ID:	CVOAMS3	Operator ID:	VOA GC/MS3
Lims ID:	STD8			Worklist Smp#:	12
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260W_3	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 333298

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/04/2015 22:25 Calibration End Date: 11/05/2015 02:31 Calibration ID: 53151

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-333298/14	D16105.D
Level 2	STD5 460-333298/4	D16095.D
Level 3	STD20 460-333298/5	D16096.D
Level 4	STD50 460-333298/6	D16097.D
Level 5	STD200 460-333298/7	D16098.D
Level 6	STD500 460-333298/8	D16099.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	0.2279 0.2184	0.2186	0.2355	0.2390	0.2130	Ave		0.2254				4.6		20.0			
Dichlorodifluoromethane	0.5402 0.7027	0.5437	0.5943	0.6041	0.6839	Ave		0.6115			0.1000	11.2		20.0			
Chloromethane	0.5592 0.5854	0.5283	0.5290	0.5561	0.5881	Ave		0.5577			0.1000	4.7		20.0			
Vinyl chloride	0.5118 0.5686	0.5114	0.5432	0.5751	0.5704	Ave		0.5467			0.1000	5.4		20.0			
Butadiene	0.4005 0.4607	0.4098	0.4340	0.4638	0.4675	Ave		0.4394				6.6		20.0			
Bromomethane	0.3886 0.3658	0.3617	0.3609	0.3739	0.3714	Ave		0.3704			0.1000	2.8		20.0			
Chloroethane	0.3400 0.3148	0.3193	0.3238	0.3338	0.3232	Ave		0.3258			0.1000	2.9		20.0			
Dichlorofluoromethane	0.8152 0.8144	0.8236	0.8326	0.8741	0.7970	Ave		0.8261				3.2		20.0			
Trichlorofluoromethane	0.5989 0.6313	0.5983	0.6259	0.6508	0.6174	Ave		0.6204			0.1000	3.3		20.0			
Pentane	0.0963 0.0739	0.0801	0.0858	0.0864	0.0704	Ave		0.0821				11.4		20.0			
Ethanol	0.0680 0.0554	0.0745	0.0684	0.0657	0.0552	Ave		0.0645				12.0		20.0			
Ethyl ether	0.3440 0.2741	0.3055	0.3001	0.3081	0.2701	Ave		0.3003				8.9		20.0			
2-Methyl-1,3-butadiene	0.3979 0.3209	0.3575	0.3677	0.3745	0.3156	Ave		0.3557				9.0		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	0.3659 0.2872	0.3424	0.3225	0.3301	0.2803	Ave		0.3214				10.2		20.0			
Acrolein	1.6876 1.6131	1.9197	1.7019	1.9140	1.6437	Ave		1.7467				7.8		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 333298

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/04/2015 22:25 Calibration End Date: 11/05/2015 02:31 Calibration ID: 53151

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Freon TF	0.4362 0.3766	0.4054	0.4145	0.4166	0.3696	Ave		0.4032			0.1000	6.3		20.0			
1,1-Dichloroethene	0.4222 0.3402	0.3824	0.3653	0.3717	0.3304	Ave		0.3687			0.1000	8.9		20.0			
Acetone	1.5551 0.9447	1.1193	0.9672	0.9384	0.9768	Lin2	3.0418	0.9541			0.0500				0.9990		0.9900
Iodomethane	0.8193 0.6557	0.7569	0.7054	0.7062	0.6321	Ave		0.7126				9.6		20.0			
Carbon disulfide	1.4651 1.3725	1.3853	1.3692	1.4043	1.3081	Ave		1.3841			0.1000	3.7		20.0			
Isopropyl alcohol	0.8041 0.6551	0.8131	0.7262	0.7648	0.6509	Ave		0.7357				9.7		20.0			
Allyl chloride	0.2374 0.1960	0.2272	0.2193	0.2169	0.1978	Ave		0.2158				7.5		20.0			
Cyclopentene	1.1503 0.8851	1.0475	1.0312	1.0562	0.8663	Ave		1.0061				10.9		20.0			
Methyl acetate	0.3543 0.2636	0.3152	0.2850	0.2866	0.2538	Ave		0.2931			0.1000	12.5		20.0			
Acetonitrile	1.4884 1.1997	1.6486	1.4977	1.5073	1.2183	Ave		1.4267				12.5		20.0			
Methylene Chloride	0.6094 0.3893	0.5014	0.4309	0.4273	0.3798	Ave		0.4564			0.1000	18.9		20.0			
2-Methyl-2-propanol	1.8652 1.1108	1.4141	1.2322	1.2489	1.0979	Qua2	6.4765	1.2283	-0.000029						0.9980		0.9900
MTBE	1.1520 0.9205	1.0842	0.9936	0.9892	0.8868	Ave		1.0044			0.1000	9.9		20.0			
trans-1,2-Dichloroethene	0.4919 0.3490	0.4301	0.3920	0.3964	0.3461	Ave		0.4009			0.1000	13.6		20.0			
Acrylonitrile	4.4339 3.4621	4.3900	3.9425	4.1433	3.3938	Ave		3.9609				11.4		20.0			
Hexane	0.6507 0.5362	0.5991	0.6124	0.6212	0.5409	Ave		0.5934				7.7		20.0			
Isopropyl ether	1.4095 1.0647	1.2993	1.1992	1.2040	1.0314	Ave		1.2014				11.8		20.0			
1,1-Dichloroethane	0.8455 0.6539	0.8092	0.7310	0.7403	0.6401	Ave		0.7367			0.2000	11.1		20.0			
Vinyl acetate	0.0563 0.0495	0.0582	0.0503	0.0536	0.0424	Ave		0.0517				10.9		20.0			
2-Chloro-1,3-butadiene	0.3815 0.2998	0.3435	0.3422	0.3523	0.2937	Ave		0.3355				9.9		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 333298

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/04/2015 22:25 Calibration End Date: 11/05/2015 02:31 Calibration ID: 53151

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Tert-butyl ethyl ether	1.1999 0.9904	1.1576	1.0806	1.0874	0.9489	Ave		1.0775				8.9		20.0			
2,2-Dichloropropane	0.1946 0.1706	0.1953	0.1855	0.1818	0.1659	Ave		0.1823				6.7		20.0			
cis-1,2-Dichloroethene	0.5377 0.3852	0.4678	0.4269	0.4287	0.3774	Ave		0.4373			0.1000	13.5		20.0			
2-Butanone	0.4932 0.3732	0.4099	0.3882	0.3978	0.3747	Ave		0.4062			0.0500	11.0		20.0			
Ethyl acetate	0.2754 0.2218	0.2616	0.2484	0.2538	0.2202	Ave		0.2469				8.9		20.0			
Methyl acrylate	0.3339 0.2623	0.2974	0.2766	0.2847	0.2465	Ave		0.2836				10.7		20.0			
Propionitrile	0.0620 0.0452	0.0515	0.0493	0.0484	0.0433	Ave		0.0499				13.2		20.0			
Tetrahydrofuran	0.4846 0.3852	0.4973	0.4173	0.4341	0.3806	Ave		0.4332				11.3		20.0			
Bromochloromethane	0.2419 0.1846	0.2206	0.2039	0.2010	0.1790	Ave		0.2052				11.4		20.0			
Methacrylonitrile	0.1450 0.1196	0.1411	0.1303	0.1336	0.1158	Ave		0.1309				8.8		20.0			
Chloroform	0.7610 0.5797	0.7353	0.6627	0.6576	0.5687	Ave		0.6608			0.2000	11.9		20.0			
Cyclohexane	0.7730 0.6768	0.7409	0.7510	0.7508	0.6617	Ave		0.7257			0.1000	6.2		20.0			
1,1,1-Trichloroethane	0.6398 0.5249	0.5942	0.5565	0.5654	0.5096	Ave		0.5651			0.1000	8.4		20.0			
Carbon tetrachloride	0.5631 0.4831	0.4988	0.4912	0.5106	0.4647	Ave		0.5019			0.1000	6.7		20.0			
1,1-Dichloropropene	0.5711 0.4846	0.5568	0.5149	0.5333	0.4728	Ave		0.5222				7.5		20.0			
Isobutyl alcohol	0.8928 0.8131	0.9044	0.8486	0.9276	0.8285	Ave		0.8692				5.3		20.0			
2,2,4-Trimethylpentane	1.7099 1.5068	1.6069	1.6539	1.7134	1.4366	Ave		1.6046				7.0		20.0			
Benzene	2.3086 1.6707	2.0510	1.8585	1.8452	1.6252	Ave		1.8932			0.5000	13.4		20.0			
Tert-amyl methyl ether	1.3306 1.1200	1.2668	1.1858	1.2148	1.0727	Ave		1.1985				7.9		20.0			
Isopropyl acetate	1.0966 0.8792	1.0804	0.9116	0.9055	0.7953	Ave		0.9448				12.6		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 333298

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/04/2015 22:25 Calibration End Date: 11/05/2015 02:31 Calibration ID: 53151

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloroethane	0.5573 0.4089	0.4980	0.4439	0.4450	0.3925	Ave		0.4576			0.1000	13.3		20.0			
n-Heptane	0.3416 0.3057	0.3444	0.3567	0.3529	0.3087	Ave		0.3350				6.6		20.0			
n-Butanol	0.3847 0.3450	0.3153	0.3031	0.3481	0.3204	Ave		0.3361				8.8		20.0			
Trichloroethene	0.4254 0.3493	0.3925	0.3646	0.3797	0.3394	Ave		0.3751			0.2000	8.3		20.0			
Methylcyclohexane	0.7173 0.6599	0.6908	0.7131	0.7352	0.6530	Ave		0.6949			0.1000	4.8		20.0			
Ethyl acrylate	0.0146 0.0272	0.0260	0.0251	0.0297	0.0257	Lin2	-0.013	0.0274							0.9960		0.9900
1,2-Dichloropropane	0.4416 0.3572	0.4207	0.3892	0.3900	0.3460	Ave		0.3908			0.1000	9.3		20.0			
Methyl methacrylate	0.0828 0.0780	0.0774	0.0760	0.0823	0.0742	Ave		0.0785				4.4		20.0			
1,4-Dioxane	1.9087 +++++	1.7768	1.5399	1.5480	1.1991	Ave		1.5945				17.0		20.0			
Dibromomethane	0.2674 0.2104	0.2508	0.2203	0.2242	0.2006	Ave		0.2290				11.1		20.0			
n-Propyl acetate	0.4904 0.4082	0.4585	0.4250	0.4431	0.3941	Ave		0.4366				8.0		20.0			
Bromodichloromethane	0.4914 0.4549	0.4632	0.4345	0.4571	0.4271	Ave		0.4547			0.2000	5.0		20.0			
2-Nitropropane	0.0822 0.0673	0.0624	0.0572	0.0624	0.0613	Ave		0.0655				13.4		20.0			
2-Chloroethyl vinyl ether	0.1918 0.1959	0.1798	0.1833	0.2010	0.1847	Ave		0.1894				4.3		20.0			
Epichlorohydrin	0.3191 0.2920	0.3138	0.3100	0.3230	0.2817	Ave		0.3066				5.3		20.0			
cis-1,3-Dichloropropene	0.6933 0.7207	0.6889	0.6701	0.7272	0.6775	Ave		0.6963			0.2000	3.3		20.0			
4-Methyl-2-pentanone	3.1446 2.7065	3.1601	3.1557	3.2170	2.7511	Ave		3.0225			0.0500	7.6		20.0			
Toluene	2.4541 1.7414	2.1124	1.9109	1.9017	1.7011	Ave		1.9703			0.4000	14.1		20.0			
trans-1,3-Dichloropropene	0.6078 0.6148	0.5653	0.5436	0.5878	0.5651	Ave		0.5807			0.1000	4.8		20.0			
Ethyl methacrylate	0.4144 0.4046	0.4002	0.3996	0.4242	0.3927	Ave		0.4060				2.8		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 333298

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/04/2015 22:25 Calibration End Date: 11/05/2015 02:31 Calibration ID: 53151

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,2-Trichloroethane	0.3737 0.3082	0.3416	0.3235	0.3249	0.2944	Ave		0.3277			0.1000	8.4		20.0			
Tetrachloroethene	0.5526 0.4473	0.5064	0.4946	0.5062	0.4436	Ave		0.4918			0.2000	8.3		20.0			
1,3-Dichloropropane	0.7038 0.6076	0.6695	0.6231	0.6384	0.5777	Ave		0.6367				7.1		20.0			
2-Hexanone	2.2787 1.9233	2.0874	2.1299	2.1603	1.9949	Ave		2.0957			0.0500	6.0		20.0			
n-Butyl acetate	0.0907 0.0762	0.0930	0.0853	0.0823	0.0742	Ave		0.0836				9.0		20.0			
Dibromochloromethane	0.4133 0.4422	0.4115	0.4140	0.4355	0.4137	Ave		0.4217			0.1000	3.2		20.0			
1,2-Dibromoethane	0.4161 0.3637	0.3849	0.3572	0.3710	0.3439	Ave		0.3728			0.1000	6.8		20.0			
Chlorobenzene	1.4382 1.1129	1.3237	1.2130	1.2141	1.0829	Ave		1.2308			0.5000	10.8		20.0			
Ethylbenzene	0.7873 0.6032	0.7113	0.6722	0.6752	0.5928	Ave		0.6737			0.1000	10.7		20.0			
1,1,1,2-Tetrachloroethane	0.4850 0.4282	0.4742	0.4411	0.4565	0.4143	Ave		0.4499				6.0		20.0			
m-Xylene & p-Xylene	0.9179 0.7415	0.8870	0.8181	0.8319	0.7315	Ave		0.8213			0.1000	9.1		20.0			
n-Butyl acrylate	0.2947 0.2969	0.2790	0.2950	0.3085	0.2853	Ave		0.2932				3.5		20.0			
o-Xylene	0.9022 0.7588	0.8719	0.8521	0.8578	0.7503	Ave		0.8322			0.3000	7.5		20.0			
Styrene	1.3082 1.1903	1.3711	1.2998	1.3216	1.1686	Ave		1.2766			0.3000	6.2		20.0			
Amyl acetate (mixed isomers)	1.3836 1.2579	1.3219	1.3065	1.3473	1.2018	Ave		1.3032				5.0		20.0			
Bromoform	0.2779 0.2821	0.2679	0.2650	0.2705	0.2638	Ave		0.2712			0.1000	2.7		20.0			
Isopropylbenzene	2.2987 2.0105	2.2992	2.2138	2.2368	1.9874	Ave		2.1744			0.1000	6.4		20.0			
Bromobenzene	1.1098 0.9134	1.0173	0.9480	0.9696	0.8657	Ave		0.9706				8.8		20.0			
1,1,2,2-Tetrachloroethane	1.0421 0.9311	1.0076	0.9519	0.9527	0.8825	Ave		0.9613			0.3000	5.9		20.0			
N-Propylbenzene	5.4590 4.5135	5.0887	4.8967	4.9942	4.4350	Ave		4.8978				7.8		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 333298

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/04/2015 22:25 Calibration End Date: 11/05/2015 02:31 Calibration ID: 53151

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichloropropane	0.3052 0.2427	0.2641	0.2549	0.2612	0.2342	Ave		0.2604				9.5		20.0			
trans-1,4-Dichloro-2-butene	0.2442 0.2413	0.2689	0.2448	0.2488	0.2275	Ave		0.2459				5.5		20.0			
4-Ethyltoluene	4.2678 3.5631	4.1741	4.0032	4.0530	3.3590	Ave		3.9034				9.2		20.0			
2-Chlorotoluene	3.7292 3.0085	3.4529	3.2261	3.2696	2.8715	Ave		3.2596				9.4		20.0			
1,3,5-Trimethylbenzene	3.3570 3.2023	3.4711	3.3162	3.3790	3.0363	Ave		3.2936				4.7		20.0			
4-Chlorotoluene	3.3040 2.6087	3.0226	2.7835	2.7963	2.4701	Ave		2.8309				10.5		20.0			
Butyl Methacrylate	0.9349 1.0707	1.0075	1.0567	1.1097	1.0049	Ave		1.0307				6.0		20.0			
tert-Butylbenzene	2.5386 2.6930	2.6264	2.5554	2.7298	2.4951	Ave		2.6064				3.5		20.0			
1,2,4-Trimethylbenzene	3.5377 3.2849	3.5694	3.4299	3.4859	3.1173	Ave		3.4042				5.1		20.0			
sec-Butylbenzene	4.1858 4.2551	4.4199	4.3362	4.4849	4.0451	Ave		4.2878				3.7		20.0			
4-Isopropyltoluene	3.6246 3.5686	3.7425	3.7089	3.8190	3.4279	Ave		3.6486				3.8		20.0			
1,3-Dichlorobenzene	2.3038 1.6640	2.0294	1.8478	1.8229	1.6031	Ave		1.8785			0.6000	13.7		20.0			
1,4-Dichlorobenzene	2.4729 1.6455	2.0147	1.8269	1.8089	1.5920	Ave		1.8935			0.5000	16.9		20.0			
Benzyl chloride	0.3118 0.3423	0.2816	0.3024	0.3219	0.3133	Ave		0.3122				6.5		20.0			
Indan	1.8376 1.3761	1.7356	1.6247	1.6199	1.3381	Ave		1.5887				12.4		20.0			
p-Diethylbenzene	2.3840 2.0780	2.4999	2.3786	2.3999	1.9668	Ave		2.2845				9.2		20.0			
n-Butylbenzene	2.2828 1.8776	2.2012	2.0982	2.0990	1.8179	Ave		2.0628				8.8		20.0			
1,2-Dichlorobenzene	2.2157 1.6831	1.9268	1.8099	1.8040	1.5845	Ave		1.8373			0.4000	11.9		20.0			
1,2,4,5-Tetramethylbenzene	3.3263 3.3087	3.3176	3.4021	3.5843	3.0715	Ave		3.3351				5.0		20.0			
1,2-Dibromo-3-Chloropropane	0.2285 0.2128	0.1963	0.1902	0.2045	0.1999	Ave		0.2054			0.0500	6.7		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 333298

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/04/2015 22:25 Calibration End Date: 11/05/2015 02:31 Calibration ID: 53151

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,3,5-Trichlorobenzene	1.9400 1.3818	1.7367	1.6266	1.6108	1.3447	Ave		1.6067				13.9		20.0			
1,2,4-Trichlorobenzene	1.8822 1.3491	1.5563	1.4809	1.4818	1.3379	Ave		1.5147			0.2000	13.1		20.0			
Hexachlorobutadiene	0.8586 0.7811	0.8133	0.8112	0.8555	0.7615	Ave		0.8135				4.8		20.0			
Naphthalene	3.7505 3.0835	3.0560	3.0992	3.2163	2.9537	Ave		3.1932				8.9		20.0			
1,2,3-Trichlorobenzene	1.7577 1.2799	1.4312	1.4005	1.4120	1.2591	Ave		1.4234				12.6		20.0			
Dibromofluoromethane (Surr)	0.2380 0.2574	0.2724	0.2877	0.2733	0.2357	Ave		0.2608				8.0		20.0			
1,2-Dichloroethane-d4 (Surr)	0.0520 0.0549	0.0593	0.0619	0.0609	0.0505	Ave		0.0566				8.5		20.0			
Toluene-d8 (Surr)	1.0998 1.1832	1.2529	1.3225	1.2661	1.0963	Ave		1.2035				7.7		20.0			
Bromofluorobenzene	0.6094 0.7228	0.7066	0.7547	0.7303	0.6405	Ave		0.6940				8.1		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 333298

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/04/2015 22:25 Calibration End Date: 11/05/2015 02:31 Calibration ID: 53151

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-333298/14	D16105.D
Level 2	STD5 460-333298/4	D16095.D
Level 3	STD20 460-333298/5	D16096.D
Level 4	STD50 460-333298/6	D16097.D
Level 5	STD200 460-333298/7	D16098.D
Level 6	STD500 460-333298/8	D16099.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	2542 1199190	12213	48724	128783	476436	1.00 500	5.00	20.0	50.0	200
Dichlorodifluoromethane	FB	Ave	6026 3858151	30376	122973	325500	1530037	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	6238 3214077	29513	109463	299666	1315560	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	5709 3121893	28569	112399	309900	1275987	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	4468 2529529	22892	89809	249909	1045758	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	4335 2008582	20207	74667	201498	830776	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	3793 1728438	17838	67007	179865	723094	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	9093 4471288	46011	172284	470990	1782991	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	6680 3466232	33426	129501	350698	1381236	1.00 500	5.00	20.0	50.0	200
Pentane	FB	Ave	2148 811208	8945	35515	93115	315212	2.00 1000	10.0	40.0	100	400
Ethanol	TBA	Ave	1001 406736	5137	18075	42558	159262	40.0 20000	200	800	2000	8000
Ethyl ether	FB	Ave	3837 1505148	17067	62099	166031	604261	1.00 500	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	Ave	4439 1762203	19972	76075	201773	705938	1.00 500	5.00	20.0	50.0	200
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	4081 1576906	19128	66725	177863	626996	1.00 500	5.00	20.0	50.0	200
Acrolein	TBA	Ave	62080 355161	132363	168586	248059	296374	100 600	200	300	400	500
Freon TF	FB	Ave	4866 2068014	22646	85773	224483	826901	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 333298

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/04/2015 22:25 Calibration End Date: 11/05/2015 02:31 Calibration ID: 53151

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1-Dichloroethene	FB	Ave	4710 1867814	21363	75589	200277	739075	1.00 500	5.00	20.0	50.0	200
Acetone	BUT	Lin2	9217 2909785	32229	103332	263929	1185644	5.00 2500	25.0	100	250	1000
Iodomethane	FB	Ave	9139 3600173	42285	145967	380512	1414008	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	16343 7535985	77392	283313	756723	2926447	1.00 500	5.00	20.0	50.0	200
Isopropyl alcohol	TBA	Ave	2958 1202031	14015	47957	123906	469462	10.0 5000	50.0	200	500	2000
Allyl chloride	FB	Ave	2648 1076072	12691	45376	116890	442496	1.00 500	5.00	20.0	50.0	200
Cyclopentene	FB	Ave	12831 4859947	58519	213375	569145	1937995	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	19761 7236429	88058	294819	772262	2838548	5.00 2500	25.0	100	250	1000
Acetonitrile	TBA	Ave	5475 2201276	28417	98908	244185	878678	10.0 5000	50.0	200	500	2000
Methylene Chloride	FB	Ave	6798 2137502	28013	89167	230259	849694	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	TBA	Qua2	6861 2038025	24375	81374	202319	791841	10.0 5000	50.0	200	500	2000
MTBE	FB	Ave	12850 5054239	60571	205595	533021	1983821	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	5487 1916371	24029	81102	213617	774377	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	TBA	Ave	16310 6352302	75672	260362	671221	2447657	10.0 5000	50.0	200	500	2000
Hexane	FB	Ave	7258 2944102	33472	126714	334711	1210150	1.00 500	5.00	20.0	50.0	200
Isopropyl ether	FB	Ave	15723 5845860	72586	248141	648778	2307411	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	9431 3590230	45205	151257	398929	1432026	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	1255 543258	6502	20804	57817	189811	2.00 1000	10.0	40.0	100	400
2-Chloro-1,3-butadiene	FB	Ave	4255 1645992	19189	70810	189852	657013	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	13384 5437729	64673	223587	585970	2122794	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	2171 936491	10910	38391	97944	371223	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 333298

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/04/2015 22:25 Calibration End Date: 11/05/2015 02:31 Calibration ID: 53151

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
cis-1,2-Dichloroethene	FB	Ave	5998 2115118	26132	88332	231005	844390	1.00 500	5.00	20.0	50.0	200
2-Butanone	BUT	Ave	2923 1149427	11804	41473	111874	454765	5.00 2500	25.0	100	250	1000
Ethyl acetate	BUT	Ave	653 273245	3013	10615	28552	106899	2.00 1000	10.0	40.0	100	400
Methyl acrylate	FB	Ave	3725 1440333	16617	57222	153428	551547	1.00 500	5.00	20.0	50.0	200
Propionitrile	FB	Ave	6914 2479864	28773	101980	260705	968499	10.0 5000	50.0	200	500	2000
Tetrahydrofuran	BUT	Ave	1149 474613	5728	17833	48842	184795	2.00 1000	10.0	40.0	100	400
Bromochloromethane	FB	Ave	2698 1013538	12324	42183	108331	400463	1.00 500	5.00	20.0	50.0	200
Methacrylonitrile	FB	Ave	16171 6566390	78848	269596	719711	2591223	10.0 5000	50.0	200	500	2000
Chloroform	FB	Ave	8489 3182830	41080	137114	354334	1272320	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	8623 3716037	41392	155402	404563	1480287	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	7137 2882169	33196	115138	304655	1140056	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	6281 2652643	27864	101644	275135	1039544	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	6371 2660782	31105	106539	287367	1057629	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBA	Ave	8210 3729792	38972	140103	375661	1493842	25.0 12500	125	500	1250	5000
2,2,4-Trimethylpentane	FB	Ave	19073 8273282	89773	342213	923276	3213915	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	20161 7255945	90261	303385	789701	2867774	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	14843 6149241	70770	245368	654594	2399765	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	12232 4827283	60360	188614	487929	1779305	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	6217 2244893	27820	91857	239812	878068	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	3811 1678419	19241	73799	190151	690670	1.00 500	5.00	20.0	50.0	200
n-Butanol	TBA	Ave	3538 1582346	13588	50042	140969	577683	25.0 12500	125	500	1250	5000

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 333298

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/04/2015 22:25 Calibration End Date: 11/05/2015 02:31 Calibration ID: 53151

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Trichloroethene	FB	Ave	4745 1917660	21925	75437	204600	759210	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	8001 3623188	38591	147559	396184	1460884	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Lin2	163 149210	1451	5200	15977	57412	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	4926 1961305	23505	80540	210163	774101	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	1848 856848	8651	31436	88664	331933	2.00 1000	10.0	40.0	100	400
1,4-Dioxane	DXE	Ave	997 +++++	4643	15270	38205	144384	20.0 +++++	100	400	1000	4000
Dibromomethane	FB	Ave	2983 1155319	14013	45579	120791	448851	1.00 500	5.00	20.0	50.0	200
n-Propyl acetate	FB	Ave	5470 2241420	25617	87942	238772	881737	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	5481 2497813	25877	89902	246322	955495	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	Ave	1833 738662	6972	23673	67221	274460	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Ave	2140 1075733	10045	37929	108291	413111	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	BUT	Ave	7566 3597538	36145	132493	363376	1367679	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	6055 3129865	30319	109395	311236	1195550	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	BUT	Ave	18638 8335984	90992	337136	904829	3339331	5.00 2500	25.0	100	250	1000
Toluene	CBZ	Ave	21432 7563095	92963	311939	813853	3001746	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	5308 2669987	24879	88732	251570	997117	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	FB	Ave	4622 2221556	22360	82693	228578	878563	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	3264 1338413	15034	52802	139045	519442	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	4826 1942783	22285	80743	216633	782804	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	6146 2638761	29463	101724	273226	1019369	1.00 500	5.00	20.0	50.0	200
2-Hexanone	BUT	Ave	13506 5923825	60105	227546	607601	2421455	5.00 2500	25.0	100	250	1000

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 333298

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/04/2015 22:25 Calibration End Date: 11/05/2015 02:31 Calibration ID: 53151

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
n-Butyl acetate	CBZ	Ave	792 330984	4095	13919	35243	131019	1.00 500	5.00	20.0	50.0	200
Dibromochloromethane	CBZ	Ave	3609 1920575	18108	67583	186400	729942	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	3634 1579685	16940	58310	158774	606825	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	12560 4833348	58254	198017	519586	1910932	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	6876 2619552	31304	109730	288968	1046110	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	4236 1859526	20867	72008	195372	730989	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBZ	Ave	8016 3220294	39034	133542	356046	1290797	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBZ	Ave	2574 1289481	12277	48151	132039	503389	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	7879 3295345	38372	139102	367112	1323949	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	11425 5169645	60340	212183	565585	2062062	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCB	Ave	6945 2881050	32829	119192	316052	1151056	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	2427 1225260	11788	43261	115784	465430	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	20075 8731888	101186	361391	957258	3507010	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCB	Ave	5571 2092113	25264	86486	227446	829144	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	5231 2132515	25024	86837	223481	845192	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	27402 10337635	126375	446715	1171538	4247741	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1532 555960	6558	23251	61273	224309	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	1226 552748	6679	22329	58358	217925	1.00 500	5.00	20.0	50.0	200
4-Ethyltoluene	DCB	Ave	21423 8160809	103662	365204	950754	3217182	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	18719 6890601	85752	294314	766995	2750253	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	16851 7334404	86203	302531	792653	2908066	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 333298

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/04/2015 22:25 Calibration End Date: 11/05/2015 02:31 Calibration ID: 53151

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
4-Chlorotoluene	DCB	Ave	16585 5974912	75064	253937	655956	2365812	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	4693 2452256	25022	96400	260310	962498	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	12743 6167860	65226	233127	640358	2389724	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	17758 7523604	88644	312902	817716	2985683	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	21011 9745643	109765	395584	1052067	3874326	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCB	Ave	18194 8173315	92944	338353	895870	3283185	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	11564 3811172	50399	168575	427623	1535410	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	12413 3768909	50034	166663	424338	1524789	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	1565 783953	6993	27587	75510	300073	1.00 500	5.00	20.0	50.0	200
Indan	FB	Ave	20498 7555535	96963	336172	872902	2993514	1.00 500	5.00	20.0	50.0	200
p-Diethylbenzene	DCB	Ave	11967 4759366	62084	216998	562974	1883733	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	11459 4300312	54666	191414	492378	1741171	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	11122 3854864	47850	165118	423173	1517611	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCB	Ave	16697 7578094	82392	310368	840812	2941845	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	1147 487498	4876	17350	47972	191478	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCB	Ave	9738 3164742	43129	148391	377859	1287925	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	9448 3089930	38651	135103	347596	1281436	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	4310 1788987	20198	74004	200694	729302	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	Ave	18826 7062319	75893	282734	754475	2828991	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	8823 2931333	35543	127761	331237	1205975	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	132755 141335	152206	148838	147290	131801	50.0 50.0	50.0	50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 333298

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/04/2015 22:25 Calibration End Date: 11/05/2015 02:31 Calibration ID: 53151

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dichloroethane-d4 (Surr)	FB	Ave	29024 30120	33129	31997	32826	28218	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	480223 513887	551370	539739	541848	483628	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	152948 165540	175469	172114	171303	153370	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16095.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 04-Nov-2015 22:25:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0033827-004
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub32

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 05-Nov-2015 09:55:47 Calib Date: 05-Nov-2015 02:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: kluseys Date: 04-Nov-2015 22:53:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.559	1.541	0.018	88	12213	5.00	4.85	
2 Dichlorodifluoromethane	85	1.583	1.577	0.006	99	30376	5.00	4.45	
3 Chloromethane	50	1.742	1.736	0.006	98	29513	5.00	4.74	
4 Vinyl chloride	62	1.876	1.864	0.012	97	28569	5.00	4.68	
5 Butadiene	54	1.882	1.876	0.006	96	22892	5.00	4.66	
6 Bromomethane	94	2.211	2.211	0.000	99	20207	5.00	4.88	
7 Chloroethane	64	2.309	2.309	0.000	99	17838	5.00	4.90	
8 Dichlorofluoromethane	67	2.546	2.540	0.006	98	46011	5.00	4.98	
9 Trichlorofluoromethane	101	2.559	2.546	0.013	64	33426	5.00	4.82	
10 Pentane	72	2.583	2.583	0.000	96	8945	10.0	9.75	
11 Ethanol	46	2.833	2.815	0.018	76	5137	200.0	230.9	
12 Ethyl ether	59	2.827	2.821	0.006	90	17067	5.00	5.09	
13 2-Methyl-1,3-butadiene	53	2.851	2.839	0.012	93	19972	5.00	5.03	
14 1,2-Dichloro-1,1,2-trifluo	117	2.900	2.900	0.000	82	19128	5.00	5.33	
15 Acrolein	56	3.040	3.028	0.012	95	132363	200.0	219.8	
16 1,1,2-Trichloro-1,2,2-trif	101	3.052	3.040	0.012	40	22646	5.00	5.03	
17 1,1-Dichloroethene	96	3.071	3.065	0.006	95	21363	5.00	5.19	
18 Acetone	43	3.193	3.187	0.006	88	32229	25.0	26.1	
19 Iodomethane	142	3.254	3.241	0.013	99	42285	5.00	5.31	
20 Carbon disulfide	76	3.284	3.278	0.006	99	77392	5.00	5.00	
21 Isopropyl alcohol	45	3.327	3.321	0.006	99	14015	50.0	55.3	
22 3-Chloro-1-propene	76	3.461	3.455	0.006	91	12691	5.00	5.26	
23 Cyclopentene	67	3.485	3.473	0.012	93	58519	5.00	5.21	
24 Methyl acetate	43	3.491	3.485	0.006	100	88058	25.0	26.9	
25 Acetonitrile	41	3.565	3.552	0.013	99	28417	50.0	57.8	
26 Methylene Chloride	84	3.619	3.613	0.006	94	28013	5.00	5.49	
* 27 TBA-d9 (IS)	65	3.644	3.638	0.006	89	344747	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.729	3.729	0.000	94	24375	50.0	52.4	
29 Methyl tert-butyl ether	73	3.827	3.821	0.006	97	60571	5.00	5.40	
30 trans-1,2-Dichloroethene	96	3.851	3.845	0.006	97	24029	5.00	5.36	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.949	3.943	0.006	95	75672	50.0	55.4	
32 Hexane	57	4.052	4.040	0.012	94	33472	5.00	5.05	
33 Isopropyl ether	45	4.314	4.308	0.006	96	72586	5.00	5.41	
34 1,1-Dichloroethane	63	4.339	4.339	0.000	99	45205	5.00	5.49	
35 Vinyl acetate	86	4.375	4.363	0.012	99	6502	10.0	11.3	
36 2-Chloro-1,3-butadiene	88	4.388	4.388	0.000	91	19189	5.00	5.12	
37 Tert-butyl ethyl ether	59	4.705	4.699	0.007	90	64673	5.00	5.37	
* 38 2-Butanone-d5	46	4.942	4.942	0.000	99	287942	250.0	250.0	
39 2,2-Dichloropropane	79	4.955	4.942	0.013	51	10910	5.00	5.36	
40 cis-1,2-Dichloroethene	96	4.979	4.973	0.006	97	26132	5.00	5.35	
41 2-Butanone (MEK)	72	5.009	5.016	-0.007	98	11804	25.0	25.2	
42 Ethyl acetate	70	5.034	5.022	0.012	95	3013	10.0	10.6	
43 Methyl acrylate	55	5.089	5.083	0.006	99	16617	5.00	5.24	
44 Propionitrile	54	5.174	5.168	0.006	98	28773	50.0	51.6	
45 Tetrahydrofuran	72	5.259	5.253	0.006	71	5728	10.0	11.5	
46 Chlorobromomethane	128	5.259	5.253	0.006	86	12324	5.00	5.38	
47 Methacrylonitrile	67	5.296	5.290	0.006	92	78848	50.0	53.9	
48 Chloroform	83	5.326	5.326	0.000	99	41080	5.00	5.56	
49 Cyclohexane	56	5.473	5.467	0.006	92	41392	5.00	5.10	
50 1,1,1-Trichloroethane	97	5.497	5.491	0.006	98	33196	5.00	5.26	
$ 51 Dibromofluoromethane (Surr	113	5.521	5.522	-0.001	97	152206	50.0	52.2	
52 Carbon tetrachloride	117	5.637	5.643	-0.006	97	27864	5.00	4.97	
53 1,1-Dichloropropene	75	5.680	5.680	0.000	98	31105	5.00	5.33	
58 Isobutyl alcohol	43	5.881	5.881	0.000	21	38972	125.0	130.1	
54 Isooctane	57	5.893	5.893	0.000	92	89773	5.00	5.01	
55 Benzene	78	5.924	5.918	0.006	94	90261	5.00	5.42	
$ 56 1,2-Dichloroethane-d4 (Sur	102	5.948	5.948	0.000	96	33129	50.0	52.4	
57 Tert-amyl methyl ether	73	6.015	6.009	0.006	81	70770	5.00	5.28	
59 Isopropyl acetate	43	6.021	6.021	0.000	93	60360	5.00	5.72	
60 1,2-Dichloroethane	62	6.040	6.040	0.000	96	27820	5.00	5.44	
61 n-Heptane	57	6.137	6.131	0.006	92	19241	5.00	5.14	
* 62 Fluorobenzene	96	6.284	6.284	0.000	98	558668	50.0	50.0	
63 n-Butanol	56	6.692	6.686	0.006	88	13588	125.0	117.3	
64 Trichloroethene	95	6.716	6.716	0.000	99	21925	5.00	5.23	
65 Methylcyclohexane	83	6.857	6.857	0.000	96	38591	5.00	4.97	
66 Ethyl acrylate	73	6.887	6.881	0.006	95	1451	5.00	5.20	
67 1,2-Dichloropropane	63	7.046	7.046	0.000	94	23505	5.00	5.38	
* 68 1,4-Dioxane-d8	96	7.125	7.125	0.000	91	26131	1000.0	1000.0	
69 Methyl methacrylate	100	7.149	7.149	0.000	93	8651	10.0	9.87	
71 1,4-Dioxane	88	7.174	7.174	0.000	41	4643	100.0	111.4	
70 Dibromomethane	93	7.180	7.180	0.000	96	14013	5.00	5.48	
72 n-Propyl acetate	43	7.210	7.210	0.000	98	25617	5.00	5.25	
73 Dichlorobromomethane	83	7.344	7.344	0.000	98	25877	5.00	5.09	
74 2-Nitropropane	41	7.667	7.667	0.000	82	6972	10.0	9.53	
75 2-Chloroethyl vinyl ether	63	7.680	7.680	0.000	79	10045	5.00	4.75	
76 Epichlorohydrin	57	7.771	7.771	0.000	99	36145	100.0	102.4	
77 cis-1,3-Dichloropropene	75	7.814	7.814	0.000	90	30319	5.00	4.95	
78 4-Methyl-2-pentanone (MIBK	43	7.966	7.960	0.006	96	90992	25.0	26.1	
$ 79 Toluene-d8 (Surr)	98	8.027	8.027	0.000	99	551370	50.0	52.1	
80 Toluene	91	8.088	8.088	0.000	93	92963	5.00	5.36	
81 trans-1,3-Dichloropropene	75	8.375	8.375	0.000	93	24879	5.00	4.87	
82 Ethyl methacrylate	69	8.399	8.399	0.000	89	22360	5.00	4.93	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	8.533	8.533	0.000	96	15034	5.00	5.21	
84 Tetrachloroethene	166	8.564	8.564	0.000	95	22285	5.00	5.15	
85 1,3-Dichloropropane	76	8.692	8.692	0.000	93	29463	5.00	5.26	
86 2-Hexanone	43	8.734	8.734	0.000	96	60105	25.0	24.9	
87 n-Butyl acetate	73	8.814	8.814	0.000	97	4095	5.00	5.56	
88 Chlorodibromomethane	129	8.856	8.856	0.000	97	18108	5.00	4.88	
89 Ethylene Dibromide	107	8.966	8.966	0.000	96	16940	5.00	5.16	
* 90 Chlorobenzene-d5	117	9.326	9.326	0.000	87	440088	50.0	50.0	
91 Chlorobenzene	112	9.350	9.350	0.000	94	58254	5.00	5.38	
92 Ethylbenzene	106	9.411	9.411	0.000	99	31304	5.00	5.28	
93 1,1,1,2-Tetrachloroethane	131	9.423	9.423	0.000	94	20867	5.00	5.27	
94 m-Xylene & p-Xylene	106	9.509	9.509	0.000	99	39034	5.00	5.40	
95 n-Butyl acrylate	73	9.789	9.789	0.000	96	12277	5.00	4.76	
96 o-Xylene	106	9.826	9.826	0.000	94	38372	5.00	5.24	
97 Styrene	104	9.844	9.844	0.000	96	60340	5.00	5.37	
98 Amyl acetate (mixed isomer	43	9.960	9.960	0.000	91	32829	5.00	5.07	
99 Bromoform	173	10.015	10.015	0.000	96	11788	5.00	4.94	
100 Isopropylbenzene	105	10.094	10.094	0.000	96	101186	5.00	5.29	
$ 101 4-Bromofluorobenzene	174	10.252	10.252	0.000	92	175469	50.0	50.9	
102 Bromobenzene	156	10.362	10.362	0.000	98	25264	5.00	5.24	
103 1,1,2,2-Tetrachloroethane	83	10.374	10.374	0.000	98	25024	5.00	5.24	
104 N-Propylbenzene	91	10.399	10.399	0.000	99	126375	5.00	5.19	
105 1,2,3-Trichloropropane	110	10.417	10.417	0.000	98	6558	5.00	5.07	
106 trans-1,4-Dichloro-2-buten	53	10.423	10.423	0.000	84	6679	5.00	5.47	
107 4-Ethyltoluene	105	10.484	10.484	0.000	99	103662	5.00	5.35	
108 2-Chlorotoluene	91	10.490	10.490	0.000	96	85752	5.00	5.30	
109 1,3,5-Trimethylbenzene	105	10.533	10.533	0.000	92	86203	5.00	5.27	
110 4-Chlorotoluene	91	10.575	10.575	0.000	98	75064	5.00	5.34	
111 Butyl Methacrylate	87	10.588	10.588	0.000	91	25022	5.00	4.89	
112 tert-Butylbenzene	119	10.764	10.764	0.000	94	65226	5.00	5.04	
113 1,2,4-Trimethylbenzene	105	10.807	10.807	0.000	97	88644	5.00	5.24	
114 sec-Butylbenzene	105	10.923	10.923	0.000	99	109765	5.00	5.15	
115 4-Isopropyltoluene	119	11.020	11.020	0.000	98	92944	5.00	5.13	
116 1,3-Dichlorobenzene	146	11.039	11.039	0.000	96	50399	5.00	5.40	
* 117 1,4-Dichlorobenzene-d4	152	11.087	11.088	-0.001	95	248345	50.0	50.0	
118 1,4-Dichlorobenzene	146	11.106	11.106	0.000	95	50034	5.00	5.32	
119 Benzyl chloride	126	11.209	11.209	0.000	98	6993	5.00	4.51	
120 2,3-Dihydroindene	117	11.264	11.264	0.000	94	96963	5.00	5.46	
121 p-Diethylbenzene	119	11.289	11.289	0.000	93	62084	5.00	5.47	
122 n-Butylbenzene	92	11.307	11.307	0.000	98	54666	5.00	5.34	
123 1,2-Dichlorobenzene	146	11.374	11.374	0.000	95	47850	5.00	5.24	
124 1,2,4,5-Tetramethylbenzene	119	11.886	11.886	0.000	97	82392	5.00	4.97	
125 1,2-Dibromo-3-Chloropropan	157	12.002	11.996	0.006	95	4876	5.00	4.78	
126 1,3,5-Trichlorobenzene	180	12.124	12.124	0.000	97	43129	5.00	5.40	
127 1,2,4-Trichlorobenzene	180	12.721	12.721	0.000	94	38651	5.00	5.14	
128 Hexachlorobutadiene	225	12.831	12.831	0.000	96	20198	5.00	5.00	
129 Naphthalene	128	13.002	13.002	0.000	99	75893	5.00	4.79	
130 1,2,3-Trichlorobenzene	180	13.276	13.276	0.000	95	35543	5.00	5.03	
S 131 1,2-Dichloroethene, Total	100				0		10.0	10.7	
S 132 1,3-Dichloropropene, Total	100				0		10.0	9.81	
S 133 Xylenes, Total	100				0		10.0	10.6	
S 134 Total BTEX	1				0		25.0	26.7	

Reagents:

GASES Li_00125	Amount Added:	0.50	Units: uL	
8260MIX1COMB_00029	Amount Added:	0.50	Units: uL	
ACROLEIN W_00044	Amount Added:	2.00	Units: uL	
8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

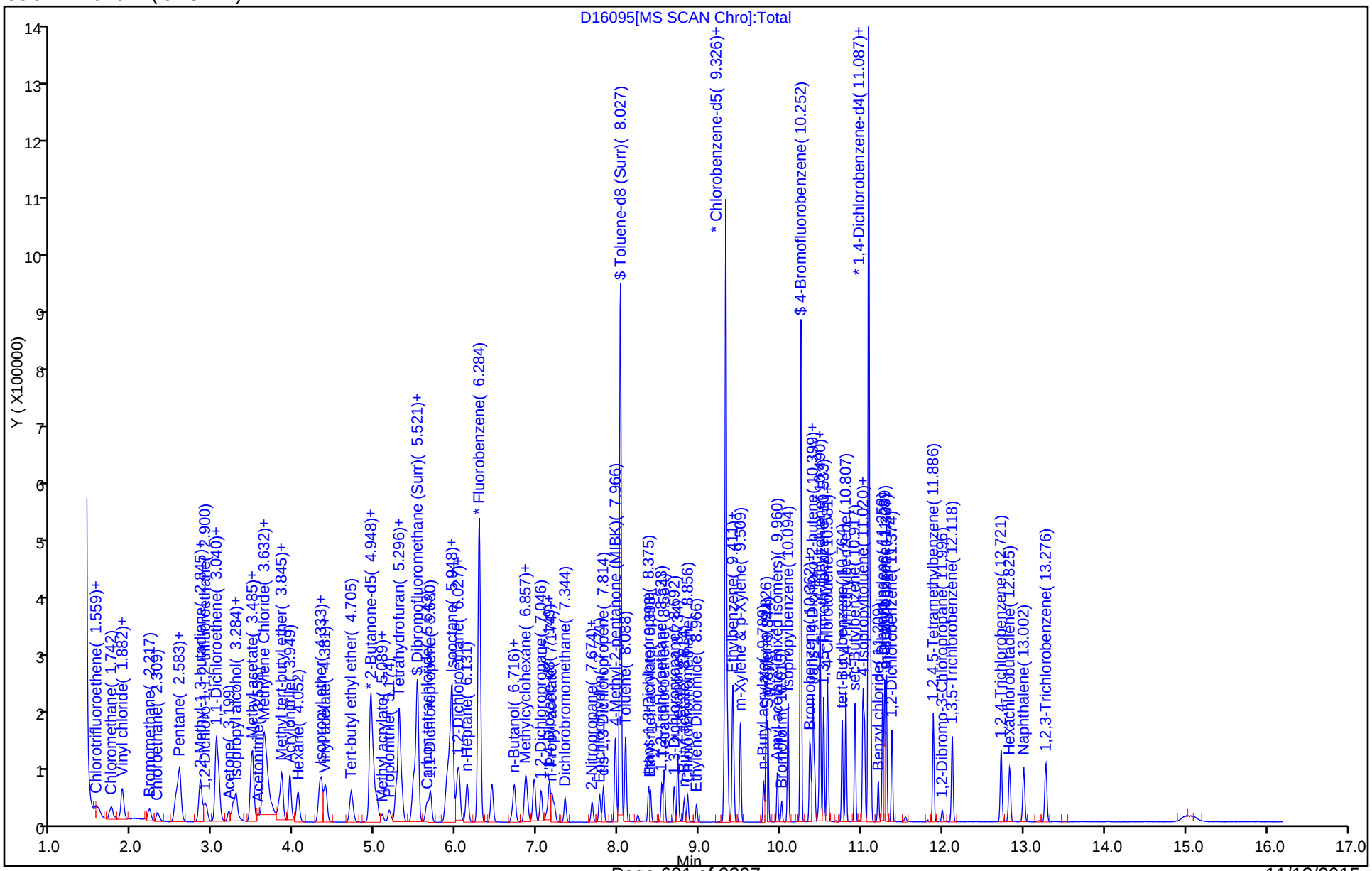
Report Date: 05-Nov-2015 09:55:48 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16095.D

Injection Date:	04-Nov-2015 22:25:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	STD5			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16096.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 04-Nov-2015 22:49:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0033827-005
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub32

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 05-Nov-2015 09:55:53 Calib Date: 05-Nov-2015 02:31:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: kluseys Date: 04-Nov-2015 23:21:26

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Chlorotrifluoroethene	116	1.541	1.541	0.000	84	48724	20.0	20.9	
2	Dichlorodifluoromethane	85	1.577	1.577	0.000	99	122973	20.0	19.4	
3	Chloromethane	50	1.736	1.736	0.000	99	109463	20.0	19.0	
4	Vinyl chloride	62	1.864	1.864	0.000	98	112399	20.0	19.9	
5	Butadiene	54	1.876	1.876	0.000	96	89809	20.0	19.8	
6	Bromomethane	94	2.211	2.211	0.000	99	74667	20.0	19.5	
7	Chloroethane	64	2.309	2.309	0.000	100	67007	20.0	19.9	
8	Dichlorofluoromethane	67	2.540	2.540	0.000	98	172284	20.0	20.2	
9	Trichlorofluoromethane	101	2.546	2.546	0.000	68	129501	20.0	20.2	
10	Pentane	72	2.583	2.583	0.000	97	35515	40.0	41.8	
11	Ethanol	46	2.815	2.815	0.000	75	18075	800.0	848.1	
12	Ethyl ether	59	2.821	2.821	0.000	92	62099	20.0	20.0	
13	2-Methyl-1,3-butadiene	53	2.839	2.839	0.000	93	76075	20.0	20.7	
14	1,2-Dichloro-1,1,2-trifluo	117	2.900	2.900	0.000	95	66725	20.0	20.1	
15	Acrolein	56	3.028	3.028	0.000	97	168586	300.0	292.3	
16	1,1,2-Trichloro-1,2,2-trif	101	3.040	3.040	0.000	94	85773	20.0	20.6	
17	1,1-Dichloroethene	96	3.065	3.065	0.000	96	75589	20.0	19.8	
18	Acetone	43	3.187	3.187	0.000	88	103332	100.0	98.2	
19	Iodomethane	142	3.241	3.241	0.000	100	145967	20.0	19.8	
20	Carbon disulfide	76	3.278	3.278	0.000	99	283313	20.0	19.8	
21	Isopropyl alcohol	45	3.321	3.321	0.000	100	47957	200.0	197.4	
22	3-Chloro-1-propene	76	3.455	3.455	0.000	93	45376	20.0	20.3	
23	Cyclopentene	67	3.473	3.473	0.000	92	213375	20.0	20.5	
24	Methyl acetate	43	3.485	3.485	0.000	100	294819	100.0	97.2	
25	Acetonitrile	41	3.552	3.552	0.000	99	98908	200.0	210.0	
26	Methylene Chloride	84	3.613	3.613	0.000	95	89167	20.0	18.9	
* 27	TBA-d9 (IS)	65	3.638	3.638	0.000	89	330196	1000.0	1000.0	
28	2-Methyl-2-propanol	59	3.729	3.729	0.000	96	81374	200.0	196.3	
29	Methyl tert-butyl ether	73	3.821	3.821	0.000	97	205595	20.0	19.8	
30	trans-1,2-Dichloroethene	96	3.845	3.845	0.000	97	81102	20.0	19.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.943	3.943	0.000	95	260362	200.0	199.1	
32 Hexane	57	4.040	4.040	0.000	92	126714	20.0	20.6	
33 Isopropyl ether	45	4.308	4.308	0.000	96	248141	20.0	20.0	
34 1,1-Dichloroethane	63	4.339	4.339	0.000	99	151257	20.0	19.8	
35 Vinyl acetate	86	4.363	4.363	0.000	100	20804	40.0	38.9	
36 2-Chloro-1,3-butadiene	88	4.388	4.388	0.000	90	70810	20.0	20.4	
37 Tert-butyl ethyl ether	59	4.699	4.699	0.000	89	223587	20.0	20.1	
* 38 2-Butanone-d5	46	4.942	4.942	0.000	91	267087	250.0	250.0	
39 2,2-Dichloropropane	79	4.942	4.942	0.000	72	38391	20.0	20.4	
40 cis-1,2-Dichloroethene	96	4.973	4.973	0.000	97	88332	20.0	19.5	
41 2-Butanone (MEK)	72	5.016	5.016	0.000	97	41473	100.0	95.6	
42 Ethyl acetate	70	5.022	5.022	0.000	95	10615	40.0	40.2	
43 Methyl acrylate	55	5.083	5.083	0.000	100	57222	20.0	19.5	
44 Propionitrile	54	5.168	5.168	0.000	99	101980	200.0	197.4	
45 Tetrahydrofuran	72	5.253	5.253	0.000	52	17833	40.0	38.5	
46 Chlorobromomethane	128	5.253	5.253	0.000	87	42183	20.0	19.9	
47 Methacrylonitrile	67	5.290	5.290	0.000	91	269596	200.0	199.1	
48 Chloroform	83	5.326	5.326	0.000	99	137114	20.0	20.1	
49 Cyclohexane	56	5.467	5.467	0.000	91	155402	20.0	20.7	
50 1,1,1-Trichloroethane	97	5.491	5.491	0.000	99	115138	20.0	19.7	
$ 51 Dibromofluoromethane (Surr	113	5.522	5.522	0.000	97	148838	50.0	55.2	
52 Carbon tetrachloride	117	5.643	5.643	0.000	97	101644	20.0	19.6	
53 1,1-Dichloropropene	75	5.680	5.680	0.000	98	106539	20.0	19.7	
58 Isobutyl alcohol	43	5.881	5.881	0.000	18	140103	500.0	488.2	
54 Isooctane	57	5.893	5.893	0.000	98	342213	20.0	20.6	
55 Benzene	78	5.918	5.918	0.000	96	303385	20.0	19.6	
$ 56 1,2-Dichloroethane-d4 (Sur	102	5.948	5.948	0.000	98	31997	50.0	54.7	
57 Tert-amyl methyl ether	73	6.009	6.009	0.000	91	245368	20.0	19.8	
59 Isopropyl acetate	43	6.021	6.021	0.000	98	188614	20.0	19.3	
60 1,2-Dichloroethane	62	6.040	6.040	0.000	97	91857	20.0	19.4	
61 n-Heptane	57	6.131	6.131	0.000	93	73799	20.0	21.3	
* 62 Fluorobenzene	96	6.284	6.284	0.000	98	517284	50.0	50.0	
63 n-Butanol	56	6.686	6.686	0.000	88	50042	500.0	450.9	
64 Trichloroethene	95	6.716	6.716	0.000	98	75437	20.0	19.4	
65 Methylcyclohexane	83	6.857	6.857	0.000	97	147559	20.0	20.5	
66 Ethyl acrylate	73	6.881	6.881	0.000	97	5200	20.0	18.8	
67 1,2-Dichloropropane	63	7.046	7.046	0.000	93	80540	20.0	19.9	
* 68 1,4-Dioxane-d8	96	7.125	7.125	0.000	90	24791	1000.0	1000.0	
69 Methyl methacrylate	100	7.149	7.149	0.000	90	31436	40.0	38.7	
71 1,4-Dioxane	88	7.174	7.174	0.000	40	15270	400.0	386.3	
70 Dibromomethane	93	7.180	7.180	0.000	97	45579	20.0	19.2	
72 n-Propyl acetate	43	7.210	7.210	0.000	99	87942	20.0	19.5	
73 Dichlorobromomethane	83	7.344	7.344	0.000	99	89902	20.0	19.1	
74 2-Nitropropane	41	7.667	7.667	0.000	82	23673	40.0	35.0	
75 2-Chloroethyl vinyl ether	63	7.680	7.680	0.000	86	37929	20.0	19.4	
76 Epichlorohydrin	57	7.771	7.771	0.000	99	132493	400.0	404.5	
77 cis-1,3-Dichloropropene	75	7.814	7.814	0.000	91	109395	20.0	19.2	
78 4-Methyl-2-pentanone (MIBK	43	7.960	7.960	0.000	95	337136	100.0	104.4	
$ 79 Toluene-d8 (Surr)	98	8.027	8.027	0.000	99	539739	50.0	54.9	
80 Toluene	91	8.088	8.088	0.000	93	311939	20.0	19.4	
81 trans-1,3-Dichloropropene	75	8.375	8.375	0.000	96	88732	20.0	18.7	
82 Ethyl methacrylate	69	8.399	8.399	0.000	89	82693	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	8.533	8.533	0.000	95	52802	20.0	19.7	
84 Tetrachloroethene	166	8.564	8.564	0.000	97	80743	20.0	20.1	
85 1,3-Dichloropropane	76	8.692	8.692	0.000	92	101724	20.0	19.6	
86 2-Hexanone	43	8.734	8.734	0.000	96	227546	100.0	101.6	
87 n-Butyl acetate	73	8.814	8.814	0.000	99	13919	20.0	20.4	
88 Chlorodibromomethane	129	8.856	8.856	0.000	98	67583	20.0	19.6	
89 Ethylene Dibromide	107	8.966	8.966	0.000	98	58310	20.0	19.2	
* 90 Chlorobenzene-d5	117	9.326	9.326	0.000	87	408109	50.0	50.0	
91 Chlorobenzene	112	9.350	9.350	0.000	96	198017	20.0	19.7	
92 Ethylbenzene	106	9.411	9.411	0.000	98	109730	20.0	20.0	
93 1,1,1,2-Tetrachloroethane	131	9.423	9.423	0.000	95	72008	20.0	19.6	
94 m-Xylene & p-Xylene	106	9.509	9.509	0.000	99	133542	20.0	19.9	
95 n-Butyl acrylate	73	9.789	9.789	0.000	97	48151	20.0	20.1	
96 o-Xylene	106	9.826	9.826	0.000	93	139102	20.0	20.5	
97 Styrene	104	9.844	9.844	0.000	96	212183	20.0	20.4	
98 Amyl acetate (mixed isomer	43	9.960	9.960	0.000	91	119192	20.0	20.1	
99 Bromoform	173	10.015	10.015	0.000	97	43261	20.0	19.5	
100 Isopropylbenzene	105	10.094	10.094	0.000	96	361391	20.0	20.4	
$ 101 4-Bromofluorobenzene	174	10.252	10.252	0.000	91	172114	50.0	54.4	
102 Bromobenzene	156	10.362	10.362	0.000	98	86486	20.0	19.5	
103 1,1,2,2-Tetrachloroethane	83	10.374	10.374	0.000	98	86837	20.0	19.8	
104 N-Propylbenzene	91	10.399	10.399	0.000	99	446715	20.0	20.0	
105 1,2,3-Trichloropropane	110	10.417	10.417	0.000	96	23251	20.0	19.6	
106 trans-1,4-Dichloro-2-buten	53	10.423	10.423	0.000	89	22329	20.0	19.9	
107 4-Ethyltoluene	105	10.484	10.484	0.000	98	365204	20.0	20.5	
108 2-Chlorotoluene	91	10.490	10.490	0.000	96	294314	20.0	19.8	
109 1,3,5-Trimethylbenzene	105	10.533	10.533	0.000	93	302531	20.0	20.1	
110 4-Chlorotoluene	91	10.575	10.575	0.000	98	253937	20.0	19.7	
111 Butyl Methacrylate	87	10.588	10.588	0.000	91	96400	20.0	20.5	
112 tert-Butylbenzene	119	10.764	10.764	0.000	94	233127	20.0	19.6	
113 1,2,4-Trimethylbenzene	105	10.807	10.807	0.000	98	312902	20.0	20.2	
114 sec-Butylbenzene	105	10.923	10.923	0.000	99	395584	20.0	20.2	
115 4-Isopropyltoluene	119	11.020	11.020	0.000	98	338353	20.0	20.3	
116 1,3-Dichlorobenzene	146	11.039	11.039	0.000	96	168575	20.0	19.7	
* 117 1,4-Dichlorobenzene-d4	152	11.088	11.088	0.000	94	228070	50.0	50.0	
118 1,4-Dichlorobenzene	146	11.106	11.106	0.000	95	166663	20.0	19.3	
119 Benzyl chloride	126	11.209	11.209	0.000	99	27587	20.0	19.4	
120 2,3-Dihydroindene	117	11.264	11.264	0.000	94	336172	20.0	20.5	
121 p-Diethylbenzene	119	11.289	11.289	0.000	93	216998	20.0	20.8	
122 n-Butylbenzene	92	11.307	11.307	0.000	98	191414	20.0	20.3	
123 1,2-Dichlorobenzene	146	11.374	11.374	0.000	96	165118	20.0	19.7	
124 1,2,4,5-Tetramethylbenzene	119	11.886	11.886	0.000	97	310368	20.0	20.4	
125 1,2-Dibromo-3-Chloropropan	157	11.996	11.996	0.000	98	17350	20.0	18.5	
126 1,3,5-Trichlorobenzene	180	12.124	12.124	0.000	97	148391	20.0	20.2	
127 1,2,4-Trichlorobenzene	180	12.721	12.721	0.000	94	135103	20.0	19.6	
128 Hexachlorobutadiene	225	12.831	12.831	0.000	97	74004	20.0	19.9	
129 Naphthalene	128	13.002	13.002	0.000	99	282734	20.0	19.4	
130 1,2,3-Trichlorobenzene	180	13.276	13.276	0.000	95	127761	20.0	19.7	
S 131 1,2-Dichloroethene, Total	100				0		40.0	39.1	
S 132 1,3-Dichloropropene, Total	100				0		40.0	38.0	
S 133 Xylenes, Total	100				0		40.0	40.4	
S 134 Total BTEX	1				0		100.0	99.4	

Reagents:

GASES Li_00125	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	2.00	Units: uL	
ACROLEIN W_00044	Amount Added:	3.00	Units: uL	
8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

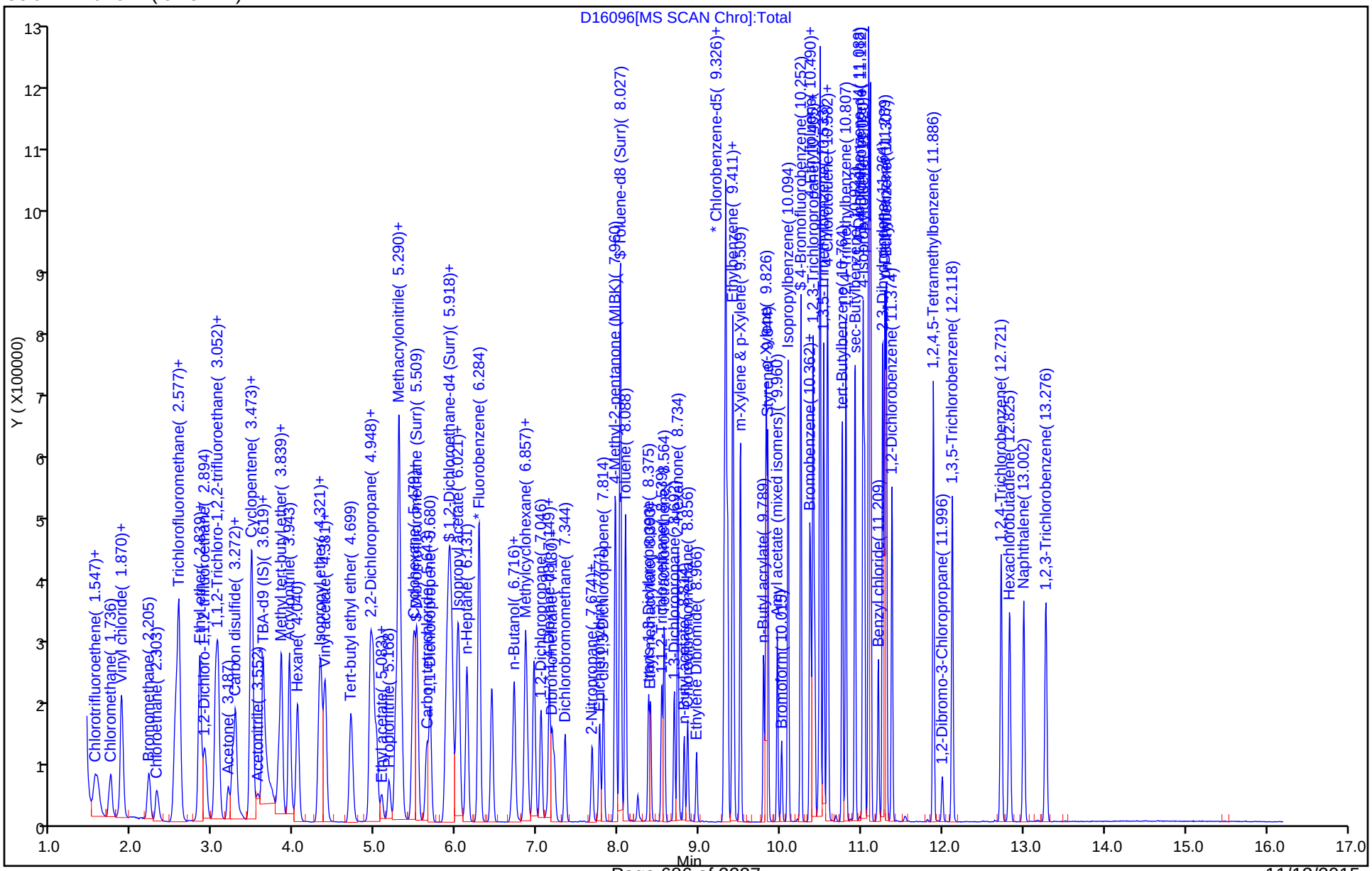
Report Date: 05-Nov-2015 09:55:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16096.D

Injection Date:	04-Nov-2015 22:49:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	STD20			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16097.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 04-Nov-2015 23:14:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0033827-006
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub32

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 05-Nov-2015 09:56:04 Calib Date: 05-Nov-2015 02:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: boykink Date: 05-Nov-2015 03:06:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.553	1.541	0.012	86	128783	50.0	53.0	
2 Dichlorodifluoromethane	85	1.583	1.577	0.006	99	325500	50.0	49.4	
3 Chloromethane	50	1.754	1.736	0.018	99	299666	50.0	49.9	
4 Vinyl chloride	62	1.882	1.864	0.018	98	309900	50.0	52.6	
5 Butadiene	54	1.888	1.876	0.012	96	249909	50.0	52.8	
6 Bromomethane	94	2.223	2.211	0.012	99	201498	50.0	50.5	
7 Chloroethane	64	2.315	2.309	0.006	100	179865	50.0	51.2	
8 Dichlorofluoromethane	67	2.552	2.540	0.012	99	470990	50.0	52.9	
9 Trichlorofluoromethane	101	2.559	2.546	0.013	97	350698	50.0	52.4	
10 Pentane	72	2.589	2.583	0.006	96	93115	100.0	105.2	
11 Ethanol	46	2.833	2.815	0.018	69	42558	2000.0	2035.1	
12 Ethyl ether	59	2.833	2.821	0.012	95	166031	50.0	51.3	
13 2-Methyl-1,3-butadiene	53	2.851	2.839	0.012	95	201773	50.0	52.6	
14 1,2-Dichloro-1,1,2-trifluo	117	2.900	2.900	0.000	95	177863	50.0	51.4	
15 Acrolein	56	3.040	3.028	0.012	96	248059	400.0	438.3	
16 1,1,2-Trichloro-1,2,2-trif	101	3.046	3.040	0.006	94	224483	50.0	51.7	
17 1,1-Dichloroethene	96	3.071	3.065	0.006	96	200277	50.0	50.4	
18 Acetone	43	3.193	3.187	0.006	88	263929	250.0	242.7	
19 Iodomethane	142	3.247	3.241	0.006	100	380512	50.0	49.5	
20 Carbon disulfide	76	3.284	3.278	0.006	99	756723	50.0	50.7	
21 Isopropyl alcohol	45	3.327	3.321	0.006	100	123906	500.0	519.8	
22 3-Chloro-1-propene	76	3.467	3.455	0.012	90	116890	50.0	50.3	
23 Cyclopentene	67	3.485	3.473	0.012	95	569145	50.0	52.5	
24 Methyl acetate	43	3.491	3.485	0.006	100	772262	250.0	244.5	
25 Acetonitrile	41	3.558	3.552	0.006	99	244185	500.0	528.3	
26 Methylene Chloride	84	3.619	3.613	0.006	94	230259	50.0	46.8	
* 27 TBA-d9 (IS)	65	3.650	3.638	0.012	88	324001	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.729	3.729	0.000	100	202319	500.0	509.3	
29 Methyl tert-butyl ether	73	3.827	3.821	0.006	97	533021	50.0	49.2	
30 trans-1,2-Dichloroethene	96	3.851	3.845	0.006	97	213617	50.0	49.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.949	3.943	0.006	94	671221	500.0	523.0	
32 Hexane	57	4.052	4.040	0.012	92	334711	50.0	52.3	
33 Isopropyl ether	45	4.320	4.308	0.012	98	648778	50.0	50.1	
34 1,1-Dichloroethane	63	4.339	4.339	0.000	99	398929	50.0	50.2	
35 Vinyl acetate	86	4.375	4.363	0.012	100	57817	100.0	103.7	
36 2-Chloro-1,3-butadiene	88	4.394	4.388	0.006	90	189852	50.0	52.5	
37 Tert-butyl ethyl ether	59	4.705	4.699	0.006	89	585970	50.0	50.5	
* 38 2-Butanone-d5	46	4.948	4.942	0.006	69	281262	250.0	250.0	
39 2,2-Dichloropropane	79	4.954	4.942	0.012	92	97944	50.0	49.9	
40 cis-1,2-Dichloroethene	96	4.979	4.973	0.006	97	231005	50.0	49.0	
41 2-Butanone (MEK)	72	5.015	5.016	-0.001	97	111874	250.0	244.8	
42 Ethyl acetate	70	5.028	5.022	0.006	95	28552	100.0	102.8	
43 Methyl acrylate	55	5.082	5.083	-0.001	100	153428	50.0	50.2	
44 Propionitrile	54	5.174	5.168	0.006	99	260705	500.0	484.4	
45 Tetrahydrofuran	72	5.253	5.253	0.000	55	48842	100.0	100.2	
46 Chlorobromomethane	128	5.259	5.253	0.006	86	108331	50.0	49.0	
47 Methacrylonitrile	67	5.296	5.290	0.006	91	719711	500.0	510.2	
48 Chloroform	83	5.332	5.326	0.006	99	354334	50.0	49.8	
49 Cyclohexane	56	5.473	5.467	0.006	92	404563	50.0	51.7	
50 1,1,1-Trichloroethane	97	5.497	5.491	0.006	99	304655	50.0	50.0	
$ 51 Dibromofluoromethane (Surr	113	5.521	5.522	-0.001	97	147290	50.0	52.4	
52 Carbon tetrachloride	117	5.643	5.643	0.000	97	275135	50.0	50.9	
53 1,1-Dichloropropene	75	5.680	5.680	0.000	99	287367	50.0	51.1	
58 Isobutyl alcohol	43	5.881	5.881	0.000	87	375661	1250.0	1334.0	
54 Isooctane	57	5.899	5.893	0.006	96	923276	50.0	53.4	
55 Benzene	78	5.924	5.918	0.006	96	789701	50.0	48.7	
$ 56 1,2-Dichloroethane-d4 (Sur	102	5.948	5.948	0.000	97	32826	50.0	53.8	
57 Tert-amyl methyl ether	73	6.015	6.009	0.006	91	654594	50.0	50.7	
59 Isopropyl acetate	43	6.021	6.021	0.000	99	487929	50.0	47.9	
60 1,2-Dichloroethane	62	6.040	6.040	0.000	97	239812	50.0	48.6	
61 n-Heptane	57	6.137	6.131	0.006	92	190151	50.0	52.7	
* 62 Fluorobenzene	96	6.283	6.284	-0.001	98	538849	50.0	50.0	
63 n-Butanol	56	6.692	6.686	0.006	88	140969	1250.0	1294.5	
64 Trichloroethene	95	6.716	6.716	0.000	99	204600	50.0	50.6	
65 Methylcyclohexane	83	6.857	6.857	0.000	96	396184	50.0	52.9	
66 Ethyl acrylate	73	6.881	6.881	0.000	97	15977	50.0	54.6	
67 1,2-Dichloropropane	63	7.046	7.046	0.000	94	210163	50.0	49.9	
* 68 1,4-Dioxane-d8	96	7.131	7.125	0.006	90	24681	1000.0	1000.0	
69 Methyl methacrylate	100	7.149	7.149	0.000	90	88664	100.0	104.9	
71 1,4-Dioxane	88	7.174	7.174	0.000	40	38205	1000.0	970.8	
70 Dibromomethane	93	7.186	7.180	0.006	98	120791	50.0	49.0	
72 n-Propyl acetate	43	7.216	7.210	0.006	98	238772	50.0	50.7	
73 Dichlorobromomethane	83	7.344	7.344	0.000	99	246322	50.0	50.3	
74 2-Nitropropane	41	7.673	7.667	0.006	95	67221	100.0	95.3	
75 2-Chloroethyl vinyl ether	63	7.680	7.680	0.000	96	108291	50.0	53.0	
76 Epichlorohydrin	57	7.771	7.771	0.000	99	363376	1000.0	1053.4	
77 cis-1,3-Dichloropropene	75	7.820	7.814	0.006	90	311236	50.0	52.2	
78 4-Methyl-2-pentanone (MIBK	43	7.966	7.960	0.006	96	904829	250.0	266.1	
$ 79 Toluene-d8 (Surr)	98	8.027	8.027	0.000	99	541848	50.0	52.6	
80 Toluene	91	8.088	8.088	0.000	93	813853	50.0	48.3	
81 trans-1,3-Dichloropropene	75	8.375	8.375	0.000	96	251570	50.0	50.6	
82 Ethyl methacrylate	69	8.399	8.399	0.000	89	228578	50.0	52.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	8.539	8.533	0.006	96	139045	50.0	49.6	
84 Tetrachloroethene	166	8.570	8.564	0.006	97	216633	50.0	51.5	
85 1,3-Dichloropropane	76	8.692	8.692	0.000	92	273226	50.0	50.1	
86 2-Hexanone	43	8.734	8.734	0.000	96	607601	250.0	257.7	
87 n-Butyl acetate	73	8.813	8.814	-0.001	99	35243	50.0	49.2	
88 Chlorodibromomethane	129	8.856	8.856	0.000	98	186400	50.0	51.6	
89 Ethylene Dibromide	107	8.966	8.966	0.000	99	158774	50.0	49.8	
* 90 Chlorobenzene-d5	117	9.326	9.326	0.000	86	427968	50.0	50.0	
91 Chlorobenzene	112	9.350	9.350	0.000	94	519586	50.0	49.3	
92 Ethylbenzene	106	9.411	9.411	0.000	98	288968	50.0	50.1	
93 1,1,1,2-Tetrachloroethane	131	9.423	9.423	0.000	95	195372	50.0	50.7	
94 m-Xylene & p-Xylene	106	9.508	9.509	-0.001	99	356046	50.0	50.6	
95 n-Butyl acrylate	73	9.795	9.789	0.006	98	132039	50.0	52.6	
96 o-Xylene	106	9.825	9.826	-0.001	94	367112	50.0	51.5	
97 Styrene	104	9.844	9.844	0.000	95	565585	50.0	51.8	
98 Amyl acetate (mixed isomer	43	9.960	9.960	0.000	91	316052	50.0	51.7	
99 Bromoform	173	10.014	10.015	-0.001	97	115784	50.0	49.9	
100 Isopropylbenzene	105	10.094	10.094	0.000	96	957258	50.0	51.4	
$ 101 4-Bromofluorobenzene	174	10.252	10.252	0.000	92	171303	50.0	52.6	
102 Bromobenzene	156	10.362	10.362	0.000	97	227446	50.0	49.9	
103 1,1,2,2-Tetrachloroethane	83	10.374	10.374	0.000	98	223481	50.0	49.6	
104 N-Propylbenzene	91	10.405	10.399	0.006	99	1171538	50.0	51.0	
105 1,2,3-Trichloropropane	110	10.423	10.417	0.006	96	61273	50.0	50.2	
106 trans-1,4-Dichloro-2-buten	53	10.429	10.423	0.006	92	58358	50.0	50.6	
107 4-Ethyltoluene	105	10.484	10.484	0.000	98	950754	50.0	51.9	
108 2-Chlorotoluene	91	10.490	10.490	0.000	96	766995	50.0	50.2	
109 1,3,5-Trimethylbenzene	105	10.533	10.533	0.000	93	792653	50.0	51.3	
110 4-Chlorotoluene	91	10.575	10.575	0.000	98	655956	50.0	49.4	
111 Butyl Methacrylate	87	10.588	10.588	0.000	90	260310	50.0	53.8	
112 tert-Butylbenzene	119	10.764	10.764	0.000	94	640358	50.0	52.4	
113 1,2,4-Trimethylbenzene	105	10.807	10.807	0.000	98	817716	50.0	51.2	
114 sec-Butylbenzene	105	10.923	10.923	0.000	99	1052067	50.0	52.3	
115 4-Isopropyltoluene	119	11.020	11.020	0.000	98	895870	50.0	52.3	
116 1,3-Dichlorobenzene	146	11.039	11.039	0.000	96	427623	50.0	48.5	
* 117 1,4-Dichlorobenzene-d4	152	11.087	11.088	-0.001	94	234581	50.0	50.0	
118 1,4-Dichlorobenzene	146	11.106	11.106	0.000	94	424338	50.0	47.8	
119 Benzyl chloride	126	11.209	11.209	0.000	99	75510	50.0	51.6	
120 2,3-Dihydroindene	117	11.264	11.264	0.000	94	872902	50.0	51.0	
121 p-Diethylbenzene	119	11.289	11.289	0.000	93	562974	50.0	52.5	
122 n-Butylbenzene	92	11.307	11.307	0.000	98	492378	50.0	50.9	
123 1,2-Dichlorobenzene	146	11.380	11.374	0.006	97	423173	50.0	49.1	
124 1,2,4,5-Tetramethylbenzene	119	11.886	11.886	0.000	97	840812	50.0	53.7	
125 1,2-Dibromo-3-Chloropropan	157	12.002	11.996	0.006	96	47972	50.0	49.8	
126 1,3,5-Trichlorobenzene	180	12.124	12.124	0.000	97	377859	50.0	50.1	
127 1,2,4-Trichlorobenzene	180	12.721	12.721	0.000	94	347596	50.0	48.9	
128 Hexachlorobutadiene	225	12.831	12.831	0.000	97	200694	50.0	52.6	
129 Naphthalene	128	13.002	13.002	0.000	99	754475	50.0	50.4	
130 1,2,3-Trichlorobenzene	180	13.276	13.276	0.000	96	331237	50.0	49.6	
S 131 1,2-Dichloroethene, Total	100				0		100.0	98.5	
S 132 1,3-Dichloropropene, Total	100				0		100.0	102.8	
S 133 Xylenes, Total	100				0		100.0	102.2	
S 134 Total BTEX	1				0		250.0	249.3	

Reagents:

GASES Li_00125	Amount Added:	5.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	5.00	Units: uL	
ACROLEIN W_00044	Amount Added:	4.00	Units: uL	
8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

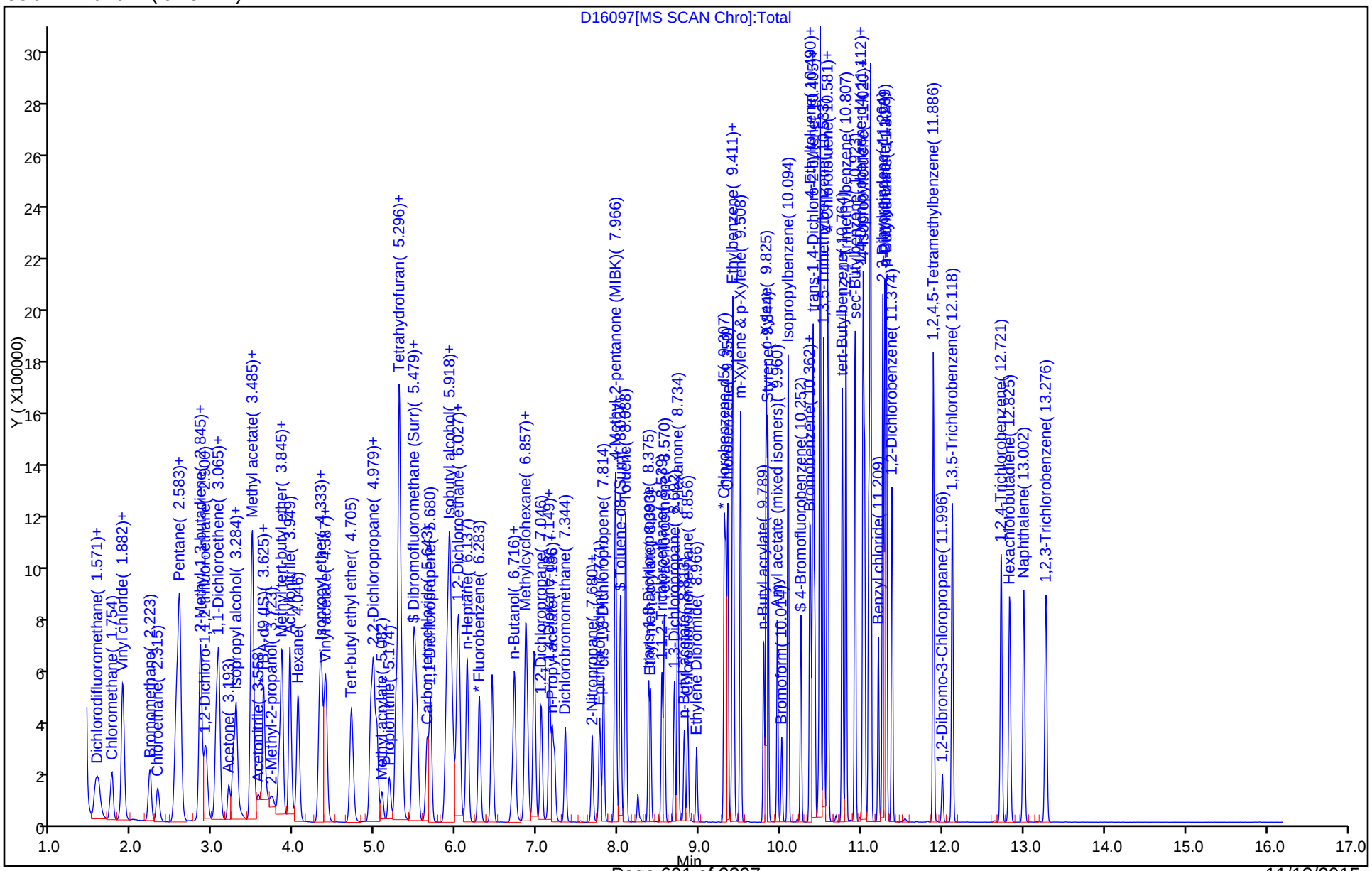
Report Date: 05-Nov-2015 09:56:05 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16097.D

Injection Date:	04-Nov-2015 23:14:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	STD50			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16098.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 04-Nov-2015 23:38:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0033827-007
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub32

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 05-Nov-2015 09:56:11 Calib Date: 05-Nov-2015 02:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: boykink Date: 05-Nov-2015 03:05:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.547	1.541	0.006	67	476436	200.0	189.0	
2 Dichlorodifluoromethane	85	1.583	1.577	0.006	99	1530037	200.0	223.7	
3 Chloromethane	50	1.754	1.736	0.018	99	1315560	200.0	210.9	
4 Vinyl chloride	62	1.882	1.864	0.018	98	1275987	200.0	208.6	
5 Butadiene	54	1.894	1.876	0.018	96	1045758	200.0	212.8	
6 Bromomethane	94	2.223	2.211	0.012	99	830776	200.0	200.5	
7 Chloroethane	64	2.315	2.309	0.006	100	723094	200.0	198.4	
8 Dichlorofluoromethane	67	2.546	2.540	0.006	99	1782991	200.0	192.9	
9 Trichlorofluoromethane	101	2.559	2.546	0.013	98	1381236	200.0	199.0	
10 Pentane	72	2.583	2.583	0.000	96	315212	400.0	343.0	
11 Ethanol	46	2.827	2.815	0.012	78	159262	8000.0	6842.6	
12 Ethyl ether	59	2.827	2.821	0.006	95	604261	200.0	179.9	
13 2-Methyl-1,3-butadiene	53	2.845	2.839	0.006	97	705938	200.0	177.4	
14 1,2-Dichloro-1,1,2-trifluo	117	2.906	2.900	0.006	89	626996	200.0	174.4	
15 Acrolein	56	3.040	3.028	0.012	96	296374	500.0	470.5	
16 1,1,2-Trichloro-1,2,2-trif	101	3.052	3.040	0.012	96	826901	200.0	183.4	
17 1,1-Dichloroethene	96	3.071	3.065	0.006	96	739075	200.0	179.2	
18 Acetone	43	3.193	3.187	0.006	88	1185644	1000.0	1020.6	
19 Iodomethane	142	3.247	3.241	0.006	100	1414008	200.0	177.4	
20 Carbon disulfide	76	3.284	3.278	0.006	99	2926447	200.0	189.0	
21 Isopropyl alcohol	45	3.321	3.321	0.000	99	469462	2000.0	1769.5	
22 3-Chloro-1-propene	76	3.461	3.455	0.006	92	442496	200.0	183.3	
23 Cyclopentene	67	3.479	3.473	0.006	93	1937995	200.0	172.2	
24 Methyl acetate	43	3.485	3.485	0.000	99	2838548	1000.0	865.8	
25 Acetonitrile	41	3.558	3.552	0.006	99	878678	2000.0	1707.9	
26 Methylene Chloride	84	3.619	3.613	0.006	94	849694	200.0	166.4	
* 27 TBA-d9 (IS)	65	3.644	3.638	0.006	87	360612	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.723	3.729	-0.006	98	791841	2000.0	1865.6	
29 Methyl tert-butyl ether	73	3.827	3.821	0.006	97	1983821	200.0	176.6	
30 trans-1,2-Dichloroethene	96	3.851	3.845	0.006	97	774377	200.0	172.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.948	3.943	0.005	94	2447657	2000.0	1713.6	
32 Hexane	57	4.046	4.040	0.006	92	1210150	200.0	182.3	
33 Isopropyl ether	45	4.314	4.308	0.006	98	2307411	200.0	171.7	
34 1,1-Dichloroethane	63	4.339	4.339	0.000	99	1432026	200.0	173.8	
35 Vinyl acetate	86	4.375	4.363	0.012	100	189811	400.0	328.2	
36 2-Chloro-1,3-butadiene	88	4.394	4.388	0.006	89	657013	200.0	175.1	
37 Tert-butyl ethyl ether	59	4.704	4.699	0.006	89	2122794	200.0	176.1	
* 38 2-Butanone-d5	46	4.948	4.942	0.006	90	303459	250.0	250.0	
39 2,2-Dichloropropane	79	4.948	4.942	0.006	96	371223	200.0	182.1	
40 cis-1,2-Dichloroethene	96	4.979	4.973	0.006	97	844390	200.0	172.6	
41 2-Butanone (MEK)	72	5.009	5.016	-0.007	99	454765	1000.0	922.4	
42 Ethyl acetate	70	5.028	5.022	0.006	95	106899	400.0	356.7	
43 Methyl acrylate	55	5.082	5.083	-0.001	99	551547	200.0	173.9	
44 Propionitrile	54	5.174	5.168	0.006	99	968499	2000.0	1733.9	
45 Tetrahydrofuran	72	5.253	5.253	0.000	94	184795	400.0	351.4	
46 Chlorobromomethane	128	5.259	5.253	0.006	86	400463	200.0	174.5	
47 Methacrylonitrile	67	5.296	5.290	0.006	91	2591223	2000.0	1769.7	
48 Chloroform	83	5.332	5.326	0.006	99	1272320	200.0	172.1	
49 Cyclohexane	56	5.473	5.467	0.006	91	1480287	200.0	182.4	
50 1,1,1-Trichloroethane	97	5.497	5.491	0.006	99	1140056	200.0	180.4	
$ 51 Dibromofluoromethane (Surr	113	5.521	5.522	-0.001	96	131801	50.0	45.2	
52 Carbon tetrachloride	117	5.643	5.643	0.000	97	1039544	200.0	185.2	
53 1,1-Dichloropropene	75	5.680	5.680	0.000	99	1057629	200.0	181.0	
58 Isobutyl alcohol	43	5.875	5.881	-0.006	91	1493842	5000.0	4766.2	
54 Isooctane	57	5.899	5.893	0.006	95	3213915	200.0	179.1	
55 Benzene	78	5.924	5.918	0.006	96	2867774	200.0	171.7	
$ 56 1,2-Dichloroethane-d4 (Sur	102	5.948	5.948	0.000	97	28218	50.0	44.6	
57 Tert-amyl methyl ether	73	6.015	6.009	0.006	92	2399765	200.0	179.0	
59 Isopropyl acetate	43	6.021	6.021	0.000	99	1779305	200.0	168.4	
60 1,2-Dichloroethane	62	6.040	6.040	0.000	95	878068	200.0	171.5	
61 n-Heptane	57	6.131	6.131	0.000	93	690670	200.0	184.3	
* 62 Fluorobenzene	96	6.283	6.284	-0.001	98	559284	50.0	50.0	
63 n-Butanol	56	6.692	6.686	0.006	86	577683	5000.0	4766.4	
64 Trichloroethene	95	6.716	6.716	0.000	99	759210	200.0	180.9	
65 Methylcyclohexane	83	6.856	6.857	-0.001	97	1460884	200.0	187.9	
66 Ethyl acrylate	73	6.887	6.881	0.006	97	57412	200.0	187.9	
67 1,2-Dichloropropane	63	7.045	7.046	-0.001	93	774101	200.0	177.1	
* 68 1,4-Dioxane-d8	96	7.125	7.125	0.000	90	30102	1000.0	1000.0	M
69 Methyl methacrylate	100	7.149	7.149	0.000	91	331933	400.0	378.3	
71 1,4-Dioxane	88	7.180	7.174	0.006	39	144384	4000.0	3008.2	
70 Dibromomethane	93	7.186	7.180	0.006	97	448851	200.0	175.3	
72 n-Propyl acetate	43	7.210	7.210	0.000	98	881737	200.0	180.6	
73 Dichlorobromomethane	83	7.344	7.344	0.000	99	955495	200.0	187.9	
74 2-Nitropropane	41	7.673	7.667	0.006	97	274460	400.0	374.8	
75 2-Chloroethyl vinyl ether	63	7.679	7.680	-0.001	95	413111	200.0	195.0	
76 Epichlorohydrin	57	7.771	7.771	0.000	99	1367679	4000.0	3674.8	
77 cis-1,3-Dichloropropene	75	7.820	7.814	0.006	90	1195550	200.0	194.6	
78 4-Methyl-2-pentanone (MIBK	43	7.966	7.960	0.006	95	3339331	1000.0	910.2	
$ 79 Toluene-d8 (Surr)	98	8.027	8.027	0.000	99	483628	50.0	45.5	
80 Toluene	91	8.088	8.088	0.000	93	3001746	200.0	172.7	
81 trans-1,3-Dichloropropene	75	8.374	8.375	-0.001	93	997117	200.0	194.6	
82 Ethyl methacrylate	69	8.399	8.399	0.000	88	878563	200.0	193.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	8.539	8.533	0.006	96	519442	200.0	179.7	
84 Tetrachloroethene	166	8.570	8.564	0.006	97	782804	200.0	180.4	
85 1,3-Dichloropropane	76	8.691	8.692	-0.001	92	1019369	200.0	181.5	
86 2-Hexanone	43	8.734	8.734	0.000	95	2421455	1000.0	951.9	
87 n-Butyl acetate	73	8.813	8.814	-0.001	99	131019	200.0	177.6	
88 Chlorodibromomethane	129	8.856	8.856	0.000	98	729942	200.0	196.2	
89 Ethylene Dibromide	107	8.966	8.966	0.000	99	606825	200.0	184.5	
* 90 Chlorobenzene-d5	117	9.325	9.326	-0.001	84	441152	50.0	50.0	
91 Chlorobenzene	112	9.350	9.350	0.000	95	1910932	200.0	176.0	
92 Ethylbenzene	106	9.411	9.411	0.000	98	1046110	200.0	176.0	
93 1,1,1,2-Tetrachloroethane	131	9.423	9.423	0.000	96	730989	200.0	184.2	
94 m-Xylene & p-Xylene	106	9.508	9.509	-0.001	99	1290797	200.0	178.1	
95 n-Butyl acrylate	73	9.789	9.789	0.000	97	503389	200.0	194.6	
96 o-Xylene	106	9.825	9.826	-0.001	93	1323949	200.0	180.3	
97 Styrene	104	9.844	9.844	0.000	96	2062062	200.0	183.1	
98 Amyl acetate (mixed isomer	43	9.960	9.960	0.000	91	1151056	200.0	184.4	
99 Bromoform	173	10.014	10.015	-0.001	97	465430	200.0	194.5	
100 Isopropylbenzene	105	10.094	10.094	0.000	96	3507010	200.0	182.8	
$ 101 4-Bromofluorobenzene	174	10.252	10.252	0.000	91	153370	50.0	46.1	
102 Bromobenzene	156	10.362	10.362	0.000	97	829144	200.0	178.4	
103 1,1,2,2-Tetrachloroethane	83	10.374	10.374	0.000	99	845192	200.0	183.6	
104 N-Propylbenzene	91	10.405	10.399	0.006	99	4247741	200.0	181.1	
105 1,2,3-Trichloropropane	110	10.423	10.417	0.006	96	224309	200.0	179.9	
106 trans-1,4-Dichloro-2-buten	53	10.429	10.423	0.006	92	217925	200.0	185.0	
107 4-Ethyltoluene	105	10.484	10.484	0.000	98	3217182	200.0	172.1	
108 2-Chlorotoluene	91	10.490	10.490	0.000	96	2750253	200.0	176.2	
109 1,3,5-Trimethylbenzene	105	10.533	10.533	0.000	93	2908066	200.0	184.4	
110 4-Chlorotoluene	91	10.575	10.575	0.000	98	2365812	200.0	174.5	
111 Butyl Methacrylate	87	10.587	10.588	-0.001	90	962498	200.0	195.0	
112 tert-Butylbenzene	119	10.764	10.764	0.000	94	2389724	200.0	191.5	
113 1,2,4-Trimethylbenzene	105	10.807	10.807	0.000	98	2985683	200.0	183.1	
114 sec-Butylbenzene	105	10.923	10.923	0.000	99	3874326	200.0	188.7	
115 4-Isopropyltoluene	119	11.020	11.020	0.000	98	3283185	200.0	187.9	
116 1,3-Dichlorobenzene	146	11.039	11.039	0.000	96	1535410	200.0	170.7	
* 117 1,4-Dichlorobenzene-d4	152	11.087	11.088	-0.001	93	239444	50.0	50.0	
118 1,4-Dichlorobenzene	146	11.106	11.106	0.000	94	1524789	200.0	168.2	
119 Benzyl chloride	126	11.209	11.209	0.000	99	300073	200.0	200.7	
120 2,3-Dihydroindene	117	11.264	11.264	0.000	94	2993514	200.0	168.5	
121 p-Diethylbenzene	119	11.289	11.289	0.000	92	1883733	200.0	172.2	
122 n-Butylbenzene	92	11.307	11.307	0.000	98	1741171	200.0	176.3	
123 1,2-Dichlorobenzene	146	11.380	11.374	0.006	97	1517611	200.0	172.5	
124 1,2,4,5-Tetramethylbenzene	119	11.886	11.886	0.000	97	2941845	200.0	184.2	
125 1,2-Dibromo-3-Chloropropan	157	11.996	11.996	0.000	96	191478	200.0	194.7	
126 1,3,5-Trichlorobenzene	180	12.124	12.124	0.000	97	1287925	200.0	167.4	
127 1,2,4-Trichlorobenzene	180	12.721	12.721	0.000	94	1281436	200.0	176.7	
128 Hexachlorobutadiene	225	12.831	12.831	0.000	97	729302	200.0	187.2	
129 Naphthalene	128	13.002	13.002	0.000	99	2828991	200.0	185.0	
130 1,2,3-Trichlorobenzene	180	13.276	13.276	0.000	95	1205975	200.0	176.9	
S 131 1,2-Dichloroethene, Total	100				0		400.0	345.3	
S 132 1,3-Dichloropropene, Total	100				0		400.0	389.2	
S 133 Xylenes, Total	100				0		400.0	358.4	
S 134 Total BTEX	1				0		1000.0	878.8	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00125	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	20.00	Units: uL	
ACROLEIN W_00044	Amount Added:	5.00	Units: uL	
8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 05-Nov-2015 09:56:12 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16098.D

Injection Date: 04-Nov-2015 23:38:30 Instrument ID: CVOAMS4 Operator ID:

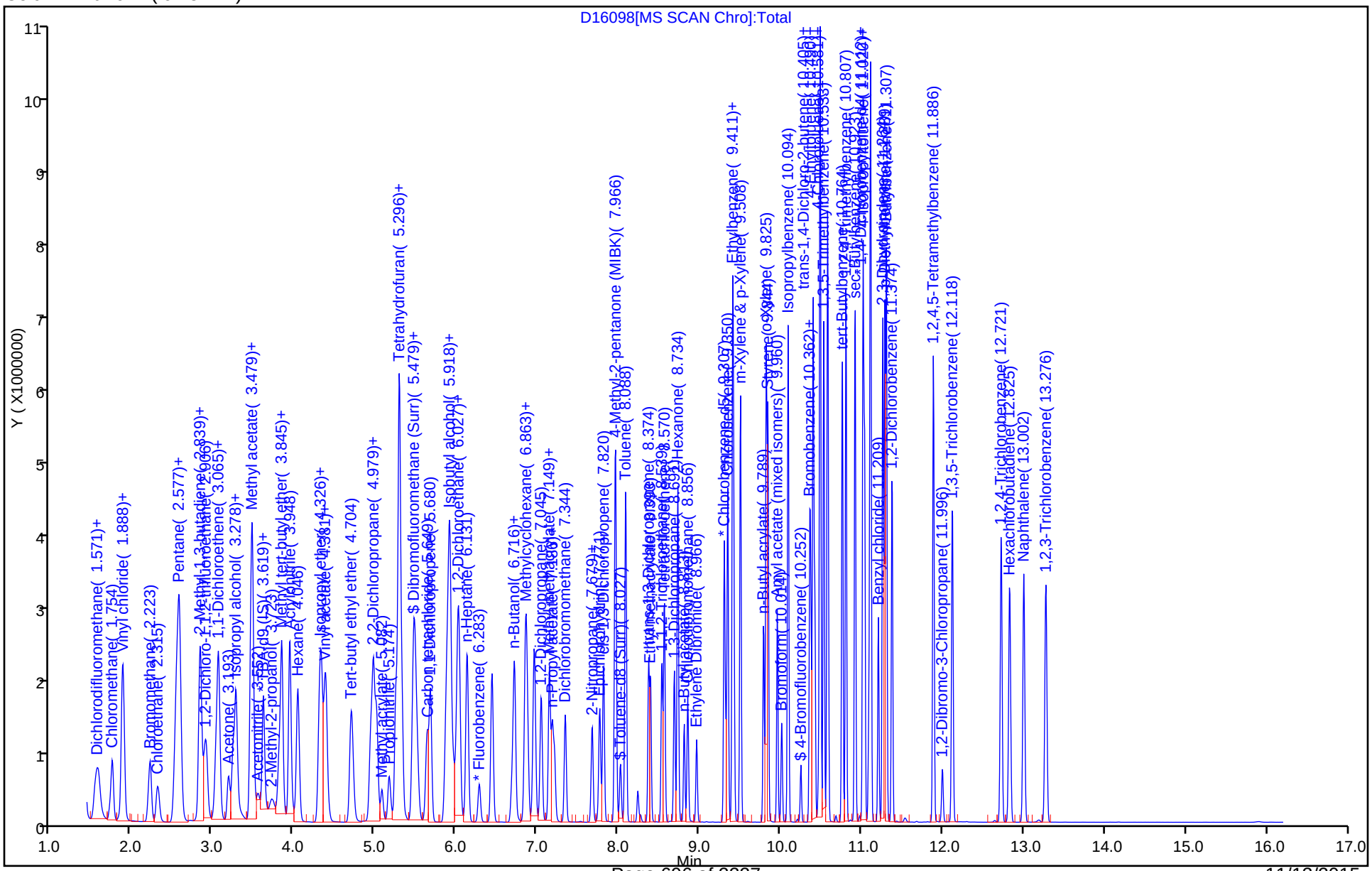
Lims ID: STD200 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16099.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 05-Nov-2015 00:03:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0033827-008
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub32

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 05-Nov-2015 09:56:17 Calib Date: 05-Nov-2015 02:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: boykink Date: 05-Nov-2015 03:03:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.540	1.541	-0.001	66	1199190	500.0	484.5	
2 Dichlorodifluoromethane	85	1.577	1.577	0.000	99	3858151	500.0	574.6	
3 Chloromethane	50	1.754	1.736	0.018	99	3214077	500.0	524.8	
4 Vinyl chloride	62	1.882	1.864	0.018	98	3121893	500.0	520.0	
5 Butadiene	54	1.888	1.876	0.012	96	2529529	500.0	524.3	
6 Bromomethane	94	2.217	2.211	0.006	99	2008582	500.0	493.8	
7 Chloroethane	64	2.315	2.309	0.006	100	1728438	500.0	483.1	
8 Dichlorofluoromethane	67	2.546	2.540	0.006	99	4471288	500.0	492.9	
9 Trichlorofluoromethane	101	2.552	2.546	0.006	98	3466232	500.0	508.8	
10 Pentane	72	2.583	2.583	0.000	97	811208	1000.0	899.3	
11 Ethanol	46	2.821	2.815	0.006	77	406736	20000	17173	
12 Ethyl ether	59	2.821	2.821	0.000	97	1505148	500.0	456.4	
13 2-Methyl-1,3-butadiene	53	2.839	2.839	0.000	96	1762203	500.0	451.2	
14 1,2-Dichloro-1,1,2-trifluo	117	2.906	2.900	0.006	89	1576906	500.0	446.8	
15 Acrolein	56	3.034	3.028	0.006	95	355161	600.0	554.1	
16 1,1,2-Trichloro-1,2,2-trif	101	3.046	3.040	0.006	96	2068014	500.0	467.1	
17 1,1-Dichloroethene	96	3.064	3.065	-0.001	97	1867814	500.0	461.3	
18 Acetone	43	3.186	3.187	-0.001	88	2909785	2500.0	2472.2	
19 Iodomethane	142	3.247	3.241	0.006	100	3600173	500.0	460.1	
20 Carbon disulfide	76	3.278	3.278	0.000	99	7535985	500.0	495.8	
21 Isopropyl alcohol	45	3.321	3.321	-0.001	99	1202031	5000.0	4452.4	
22 3-Chloro-1-propene	76	3.455	3.455	0.000	91	1076072	500.0	454.2	
23 Cyclopentene	67	3.473	3.473	0.000	94	4859947	500.0	439.9	
24 Methyl acetate	43	3.485	3.485	0.000	99	7236429	2500.0	2248.4	
25 Acetonitrile	41	3.558	3.552	0.006	99	2201276	5000.0	4204.7	
26 Methylene Chloride	84	3.619	3.613	0.006	94	2137502	500.0	426.5	
* 27 TBA-d9 (IS)	65	3.650	3.638	0.012	86	366958	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.729	3.729	0.000	99	2038025	5000.0	5150.9	
29 Methyl tert-butyl ether	73	3.827	3.821	0.005	97	5054239	500.0	458.3	
30 trans-1,2-Dichloroethene	96	3.845	3.845	0.000	97	1916371	500.0	435.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.942	3.943	-0.001	94	6352302	5000.0	4370.4	
32 Hexane	57	4.040	4.040	0.000	92	2944102	500.0	451.8	
33 Isopropyl ether	45	4.314	4.308	0.006	97	5845860	500.0	443.1	
34 1,1-Dichloroethane	63	4.339	4.339	0.000	99	3590230	500.0	443.8	
35 Vinyl acetate	86	4.369	4.363	0.006	100	543258	1000.0	956.7	
36 2-Chloro-1,3-butadiene	88	4.387	4.388	-0.001	90	1645992	500.0	446.8	
37 Tert-butyl ethyl ether	59	4.704	4.699	0.006	89	5437729	500.0	459.6	
* 38 2-Butanone-d5	46	4.942	4.942	0.000	1	308004	250.0	250.0	
39 2,2-Dichloropropane	79	4.948	4.942	0.006	94	936491	500.0	467.8	
40 cis-1,2-Dichloroethene	96	4.979	4.973	0.006	97	2115118	500.0	440.5	
41 2-Butanone (MEK)	72	5.009	5.016	-0.007	98	1149427	2500.0	2297.1	
42 Ethyl acetate	70	5.021	5.022	-0.001	96	273245	1000.0	898.4	
43 Methyl acrylate	55	5.082	5.083	-0.001	100	1440333	500.0	462.5	
44 Propionitrile	54	5.174	5.168	0.006	99	2479864	5000.0	4522.4	
45 Tetrahydrofuran	72	5.247	5.253	-0.006	88	474613	1000.0	889.3	
46 Chlorobromomethane	128	5.253	5.253	0.000	93	1013538	500.0	449.9	
47 Methacrylonitrile	67	5.302	5.290	0.012	91	6566390	5000.0	4568.2	
48 Chloroform	83	5.332	5.326	0.006	99	3182830	500.0	438.6	
49 Cyclohexane	56	5.473	5.467	0.006	91	3716037	500.0	466.3	
50 1,1,1-Trichloroethane	97	5.497	5.491	0.006	98	2882169	500.0	464.5	
$ 51 Dibromofluoromethane (Surr	113	5.521	5.522	-0.001	96	141335	50.0	49.4	
52 Carbon tetrachloride	117	5.643	5.643	0.000	97	2652643	500.0	481.3	
53 1,1-Dichloropropene	75	5.680	5.680	0.000	99	2660782	500.0	464.0	
58 Isobutyl alcohol	43	5.881	5.881	0.000	91	3729792	12500	11694	
54 Isooctane	57	5.899	5.893	0.006	95	8273282	500.0	469.5	
55 Benzene	78	5.924	5.918	0.006	96	7255945	500.0	441.2	
$ 56 1,2-Dichloroethane-d4 (Sur	102	5.948	5.948	0.000	97	30120	50.0	48.5	
57 Tert-amyl methyl ether	73	6.015	6.009	0.006	91	6149241	500.0	467.3	
59 Isopropyl acetate	43	6.021	6.021	0.000	98	4827283	500.0	465.3	
60 1,2-Dichloroethane	62	6.039	6.040	-0.001	96	2244893	500.0	446.7	
61 n-Heptane	57	6.131	6.131	0.000	92	1678419	500.0	456.2	
* 62 Fluorobenzene	96	6.283	6.284	-0.001	99	549061	50.0	50.0	
63 n-Butanol	56	6.692	6.686	0.006	86	1582346	12500	12830	
64 Trichloroethene	95	6.716	6.716	0.000	99	1917660	500.0	465.5	
65 Methylcyclohexane	83	6.856	6.857	-0.001	97	3623188	500.0	474.8	
66 Ethyl acrylate	73	6.887	6.881	0.006	97	149210	500.0	496.7	
67 1,2-Dichloropropane	63	7.045	7.046	-0.001	93	1961305	500.0	457.0	
* 68 1,4-Dioxane-d8	96	7.173	7.125	0.048	89	37180	1000.0	1000.0	M
69 Methyl methacrylate	100	7.149	7.149	0.000	90	856848	1000.0	994.6	
71 1,4-Dioxane	88	7.180	7.174	0.006	88	377433	10000	6366.6	
70 Dibromomethane	93	7.186	7.180	0.006	97	1155319	500.0	459.5	
72 n-Propyl acetate	43	7.210	7.210	0.000	98	2241420	500.0	467.5	
73 Dichlorobromomethane	83	7.344	7.344	0.000	99	2497813	500.0	500.2	
74 2-Nitropropane	41	7.673	7.667	0.006	96	738662	1000.0	1027.6	
75 2-Chloroethyl vinyl ether	63	7.679	7.680	-0.001	95	1075733	500.0	517.2	
76 Epichlorohydrin	57	7.771	7.771	0.000	99	3597538	10000	9523.6	
77 cis-1,3-Dichloropropene	75	7.820	7.814	0.006	90	3129865	500.0	517.5	
78 4-Methyl-2-pentanone (MIBK	43	7.966	7.960	0.006	95	8335984	2500.0	2238.6	
$ 79 Toluene-d8 (Surr)	98	8.027	8.027	0.000	99	513887	50.0	49.2	
80 Toluene	91	8.088	8.088	0.000	93	7563095	500.0	441.9	
81 trans-1,3-Dichloropropene	75	8.374	8.375	-0.001	93	2669987	500.0	529.3	
82 Ethyl methacrylate	69	8.399	8.399	0.000	89	2221556	500.0	498.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	8.539	8.533	0.006	96	1338413	500.0	470.2	
84 Tetrachloroethene	166	8.569	8.564	0.005	97	1942783	500.0	454.8	
85 1,3-Dichloropropane	76	8.691	8.692	-0.001	92	2638761	500.0	477.1	
86 2-Hexanone	43	8.734	8.734	0.000	96	5923825	2500.0	2294.3	
87 n-Butyl acetate	73	8.813	8.814	-0.001	99	330984	500.0	455.6	
88 Chlorodibromomethane	129	8.856	8.856	0.000	98	1920575	500.0	524.3	
89 Ethylene Dibromide	107	8.966	8.966	0.000	98	1579685	500.0	487.8	
* 90 Chlorobenzene-d5	117	9.325	9.326	-0.001	87	434308	50.0	50.0	
91 Chlorobenzene	112	9.350	9.350	0.000	95	4833348	500.0	452.1	
92 Ethylbenzene	106	9.411	9.411	0.000	98	2619552	500.0	447.7	
93 1,1,1,2-Tetrachloroethane	131	9.423	9.423	0.000	96	1859526	500.0	475.9	
94 m-Xylene & p-Xylene	106	9.508	9.509	-0.001	99	3220294	500.0	451.4	
95 n-Butyl acrylate	73	9.795	9.789	0.006	98	1289481	500.0	506.3	
96 o-Xylene	106	9.825	9.826	-0.001	93	3295345	500.0	455.9	
97 Styrene	104	9.850	9.844	0.006	95	5169645	500.0	466.2	
98 Amyl acetate (mixed isomer	43	9.959	9.960	-0.001	91	2881050	500.0	482.6	
99 Bromoform	173	10.014	10.015	-0.001	97	1225260	500.0	520.1	
100 Isopropylbenzene	105	10.094	10.094	0.000	96	8731888	500.0	462.3	
$ 101 4-Bromofluorobenzene	174	10.252	10.252	0.000	91	165540	50.0	52.1	
102 Bromobenzene	156	10.362	10.362	0.000	98	2092113	500.0	470.5	
103 1,1,2,2-Tetrachloroethane	83	10.380	10.374	0.006	99	2132515	500.0	484.3	
104 N-Propylbenzene	91	10.404	10.399	0.005	99	10337635	500.0	460.8	e
105 1,2,3-Trichloropropane	110	10.423	10.417	0.006	97	555960	500.0	466.1	
106 trans-1,4-Dichloro-2-buten	53	10.429	10.423	0.006	92	552748	500.0	490.7	
107 4-Ethyltoluene	105	10.490	10.484	0.006	98	8160809	500.0	456.4	
108 2-Chlorotoluene	91	10.496	10.490	0.006	94	6890601	500.0	461.5	
109 1,3,5-Trimethylbenzene	105	10.533	10.533	-0.001	93	7334404	500.0	486.1	
110 4-Chlorotoluene	91	10.581	10.575	0.006	97	5974912	500.0	460.8	
111 Butyl Methacrylate	87	10.587	10.588	-0.001	90	2452256	500.0	519.4	
112 tert-Butylbenzene	119	10.764	10.764	0.000	94	6167860	500.0	516.6	
113 1,2,4-Trimethylbenzene	105	10.807	10.807	0.000	98	7523604	500.0	482.5	
114 sec-Butylbenzene	105	10.923	10.923	0.000	99	9745643	500.0	496.2	
115 4-Isopropyltoluene	119	11.020	11.020	0.000	98	8173315	500.0	489.0	
116 1,3-Dichlorobenzene	146	11.039	11.039	-0.001	96	3811172	500.0	442.9	
* 117 1,4-Dichlorobenzene-d4	152	11.093	11.088	0.005	93	229037	50.0	50.0	
118 1,4-Dichlorobenzene	146	11.106	11.106	0.000	94	3768909	500.0	434.5	
119 Benzyl chloride	126	11.209	11.209	0.000	99	783953	500.0	548.2	
120 2,3-Dihydroindene	117	11.264	11.264	0.000	94	7555535	500.0	433.1	
121 p-Diethylbenzene	119	11.288	11.289	-0.001	93	4759366	500.0	454.8	
122 n-Butylbenzene	92	11.307	11.307	0.000	98	4300312	500.0	455.1	
123 1,2-Dichlorobenzene	146	11.380	11.374	0.006	96	3854864	500.0	458.0	
124 1,2,4,5-Tetramethylbenzene	119	11.886	11.886	0.000	97	7578094	500.0	496.0	
125 1,2-Dibromo-3-Chloropropan	157	12.002	11.996	0.006	95	487498	500.0	518.2	
126 1,3,5-Trichlorobenzene	180	12.124	12.124	0.000	97	3164742	500.0	430.0	
127 1,2,4-Trichlorobenzene	180	12.727	12.721	0.006	94	3089930	500.0	445.3	
128 Hexachlorobutadiene	225	12.831	12.831	0.000	97	1788987	500.0	480.1	
129 Naphthalene	128	13.002	13.002	0.000	99	7062319	500.0	482.8	
130 1,2,3-Trichlorobenzene	180	13.276	13.276	0.000	95	2931333	500.0	449.6	
S 131 1,2-Dichloroethene, Total	100				0		1000.0	875.7	
S 132 1,3-Dichloropropene, Total	100				0		1000.0	1046.8	
S 133 Xylenes, Total	100				0		1000.0	907.3	
S 134 Total BTEX	1				0		2500.0	2238.1	

QC Flag Legend

Processing Flags

e - Potential Peak Saturated

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00125	Amount Added:	50.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	50.00	Units: uL	
ACROLEIN W_00044	Amount Added:	6.00	Units: uL	
8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 05-Nov-2015 09:56:18 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16099.D

Injection Date: 05-Nov-2015 00:03:30 Instrument ID: CVOAMS4 Operator ID:

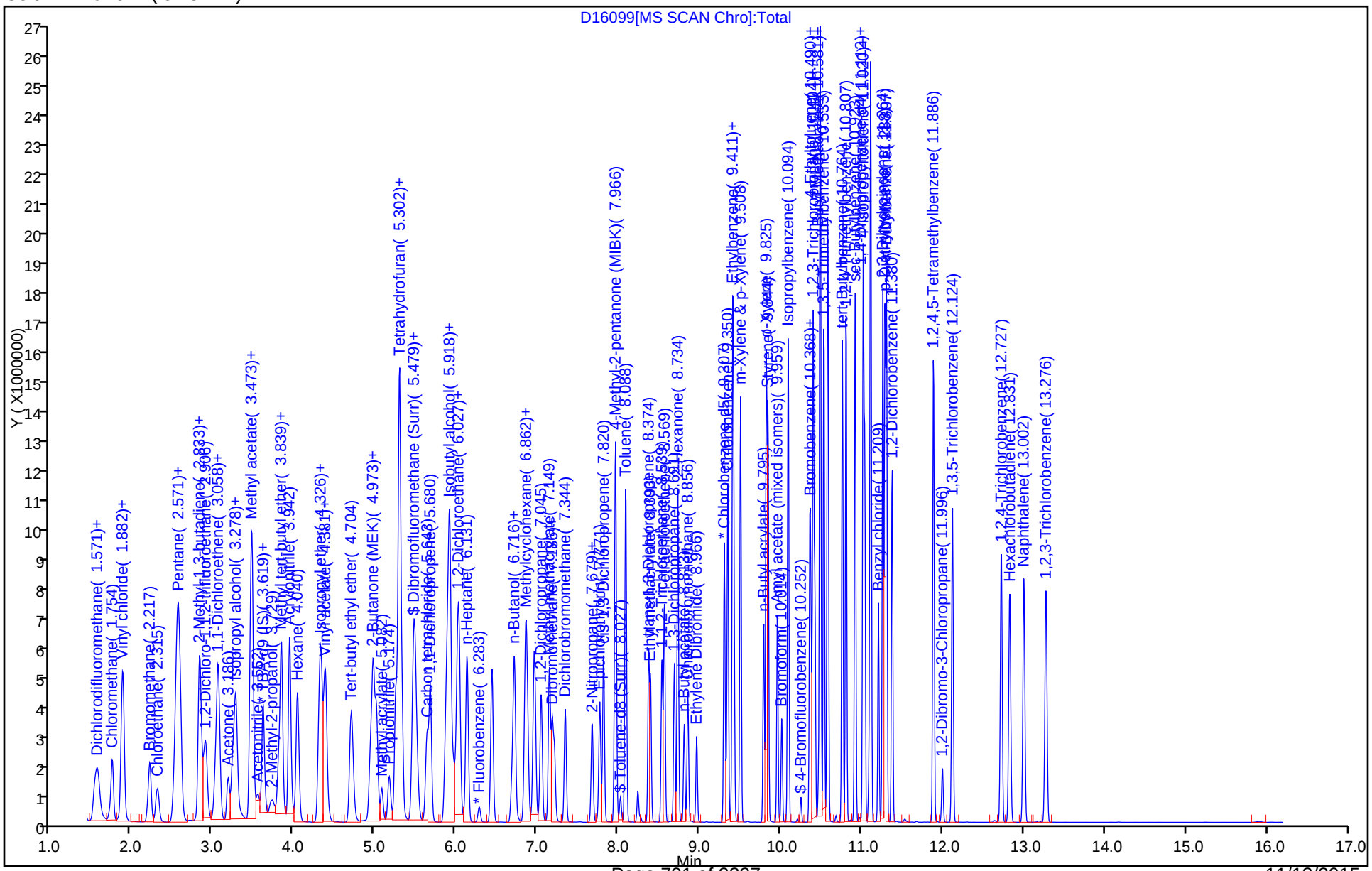
Lims ID: STD500 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 05-Nov-2015 02:31:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0033827-014
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub32

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 05-Nov-2015 09:56:23 Calib Date: 05-Nov-2015 02:31:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: boykink Date: 05-Nov-2015 02:54:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.553	1.541	0.012	37	2542	1.00	1.01	
2 Dichlorodifluoromethane	85	1.595	1.577	0.018	11	6026	1.00	0.8835	
3 Chloromethane	50	1.742	1.736	0.006	98	6238	1.00	1.00	
4 Vinyl chloride	62	1.870	1.864	0.006	93	5709	1.00	0.9361	
5 Butadiene	54	1.870	1.876	-0.006	95	4468	1.00	0.9116	
6 Bromomethane	94	2.205	2.211	-0.006	99	4335	1.00	1.05	
7 Chloroethane	64	2.315	2.309	0.006	99	3793	1.00	1.04	
8 Dichlorofluoromethane	67	2.546	2.540	0.006	97	9093	1.00	0.9867	
9 Trichlorofluoromethane	101	2.552	2.546	0.006	90	6680	1.00	0.9652	
10 Pentane	72	2.589	2.583	0.006	97	2148	2.00	2.34	
11 Ethanol	46	2.833	2.815	0.018	57	1001	40.0	42.2	M
12 Ethyl ether	59	2.833	2.821	0.012	91	3837	1.00	1.15	
13 2-Methyl-1,3-butadiene	53	2.839	2.839	0.000	95	4439	1.00	1.12	
14 1,2-Dichloro-1,1,2-trifluo	117	2.900	2.900	0.000	69	4081	1.00	1.14	M
15 Acrolein	56	3.040	3.028	0.012	95	62080	100.0	96.6	
16 1,1,2-Trichloro-1,2,2-trif	101	3.046	3.040	0.006	41	4866	1.00	1.08	
17 1,1-Dichloroethene	96	3.071	3.065	0.006	94	4710	1.00	1.15	
18 Acetone	43	3.199	3.187	0.012	89	9217	5.00	4.96	M
19 Iodomethane	142	3.247	3.241	0.006	100	9139	1.00	1.15	
20 Carbon disulfide	76	3.278	3.278	0.000	99	16343	1.00	1.06	
21 Isopropyl alcohol	45	3.345	3.321	0.024	28	2958	10.0	10.9	M
22 3-Chloro-1-propene	76	3.461	3.455	0.006	89	2648	1.00	1.10	
23 Cyclopentene	67	3.485	3.473	0.012	88	12831	1.00	1.14	
24 Methyl acetate	43	3.491	3.485	0.006	100	19761	5.00	6.04	
25 Acetonitrile	41	3.577	3.552	0.025	41	5475	10.0	10.4	M
26 Methylene Chloride	84	3.619	3.613	0.006	94	6798	1.00	1.34	M
* 27 TBA-d9 (IS)	65	3.644	3.638	0.006	89	367851	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.723	3.729	-0.006	29	6861	10.0	9.91	M
29 Methyl tert-butyl ether	73	3.827	3.821	0.006	96	12850	1.00	1.15	
30 trans-1,2-Dichloroethene	96	3.845	3.845	0.000	97	5487	1.00	1.23	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.949	3.943	0.006	93	16310	10.0	11.2	
32 Hexane	57	4.046	4.040	0.006	93	7258	1.00	1.10	
33 Isopropyl ether	45	4.314	4.308	0.006	95	15723	1.00	1.17	
34 1,1-Dichloroethane	63	4.345	4.339	0.006	98	9431	1.00	1.15	
35 Vinyl acetate	86	4.363	4.363	0.000	99	1255	2.00	2.18	
36 2-Chloro-1,3-butadiene	88	4.394	4.388	0.006	90	4255	1.00	1.14	
37 Tert-butyl ethyl ether	59	4.705	4.699	0.007	90	13384	1.00	1.11	
* 38 2-Butanone-d5	46	4.948	4.942	0.006	97	296348	250.0	250.0	
39 2,2-Dichloropropane	79	4.954	4.942	0.012	47	2171	1.00	1.07	
40 cis-1,2-Dichloroethene	96	4.979	4.973	0.006	96	5998	1.00	1.23	
41 2-Butanone (MEK)	72	5.028	5.016	0.012	97	2923	5.00	6.07	
42 Ethyl acetate	70	5.034	5.022	0.012	94	653	2.00	2.23	
43 Methyl acrylate	55	5.082	5.083	-0.001	97	3725	1.00	1.18	
44 Propionitrile	54	5.180	5.168	0.012	98	6914	10.0	12.4	
45 Tetrahydrofuran	72	5.265	5.253	0.012	48	1149	2.00	2.24	
46 Chlorobromomethane	128	5.259	5.253	0.006	94	2698	1.00	1.18	
47 Methacrylonitrile	67	5.296	5.290	0.006	92	16171	10.0	11.1	
48 Chloroform	83	5.332	5.326	0.006	98	8489	1.00	1.15	
49 Cyclohexane	56	5.479	5.467	0.012	90	8623	1.00	1.07	
50 1,1,1-Trichloroethane	97	5.497	5.491	0.006	97	7137	1.00	1.13	
$ 51 Dibromofluoromethane (Surr	113	5.521	5.522	-0.001	97	132755	50.0	45.6	
52 Carbon tetrachloride	117	5.643	5.643	0.000	96	6281	1.00	1.12	
53 1,1-Dichloropropene	75	5.680	5.680	0.000	97	6371	1.00	1.09	
58 Isobutyl alcohol	43	5.893	5.881	0.012	55	8210	25.0	25.7	
54 Isooctane	57	5.887	5.893	-0.006	92	19073	1.00	1.07	
55 Benzene	78	5.924	5.918	0.006	95	20161	1.00	1.22	
$ 56 1,2-Dichloroethane-d4 (Sur	102	5.948	5.948	0.000	97	29024	50.0	46.0	
57 Tert-amyl methyl ether	73	6.015	6.009	0.006	87	14843	1.00	1.11	
59 Isopropyl acetate	43	6.027	6.021	0.006	95	12232	1.00	1.16	
60 1,2-Dichloroethane	62	6.046	6.040	0.006	96	6217	1.00	1.22	
61 n-Heptane	57	6.137	6.131	0.006	91	3811	1.00	1.02	
* 62 Fluorobenzene	96	6.283	6.284	-0.001	98	557735	50.0	50.0	
63 n-Butanol	56	6.698	6.686	0.012	84	3538	25.0	28.6	
64 Trichloroethene	95	6.722	6.716	0.006	97	4745	1.00	1.13	
65 Methylcyclohexane	83	6.857	6.857	0.000	97	8001	1.00	1.03	
66 Ethyl acrylate	73	6.881	6.881	0.000	93	163	1.00	0.99	
67 1,2-Dichloropropane	63	7.046	7.046	0.000	93	4926	1.00	1.13	
* 68 1,4-Dioxane-d8	96	7.125	7.125	0.000	89	26117	1000.0	1000.0	
69 Methyl methacrylate	100	7.155	7.149	0.006	90	1848	2.00	2.11	
71 1,4-Dioxane	88	7.186	7.174	0.012	32	997	20.0	23.9	
70 Dibromomethane	93	7.180	7.180	0.000	92	2983	1.00	1.17	
72 n-Propyl acetate	43	7.216	7.210	0.006	98	5470	1.00	1.12	
73 Dichlorobromomethane	83	7.344	7.344	0.000	97	5481	1.00	1.08	
74 2-Nitropropane	41	7.680	7.667	0.013	76	1833	2.00	2.51	M
75 2-Chloroethyl vinyl ether	63	7.680	7.680	0.000	86	2140	1.00	1.01	
76 Epichlorohydrin	57	7.777	7.771	0.006	100	7566	20.0	20.8	
77 cis-1,3-Dichloropropene	75	7.820	7.814	0.006	91	6055	1.00	1.00	
78 4-Methyl-2-pentanone (MIBK	43	7.966	7.960	0.006	97	18638	5.00	5.20	
$ 79 Toluene-d8 (Surr)	98	8.027	8.027	0.000	99	480223	50.0	45.7	
80 Toluene	91	8.094	8.088	0.006	93	21432	1.00	1.25	
81 trans-1,3-Dichloropropene	75	8.375	8.375	0.000	92	5308	1.00	1.05	
82 Ethyl methacrylate	69	8.399	8.399	0.000	90	4622	1.00	1.02	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	8.539	8.533	0.006	93	3264	1.00	1.14	
84 Tetrachloroethene	166	8.570	8.564	0.006	95	4826	1.00	1.12	
85 1,3-Dichloropropane	76	8.692	8.692	0.000	92	6146	1.00	1.11	
86 2-Hexanone	43	8.734	8.734	0.000	97	13506	5.00	5.44	
87 n-Butyl acetate	73	8.820	8.814	0.006	94	792	1.00	1.08	
88 Chlorodibromomethane	129	8.856	8.856	0.000	97	3609	1.00	0.9800	
89 Ethylene Dibromide	107	8.966	8.966	0.000	93	3634	1.00	1.12	
* 90 Chlorobenzene-d5	117	9.326	9.326	0.000	87	436658	50.0	50.0	
91 Chlorobenzene	112	9.350	9.350	0.000	97	12560	1.00	1.17	
92 Ethylbenzene	106	9.411	9.411	0.000	99	6876	1.00	1.17	
93 1,1,1,2-Tetrachloroethane	131	9.423	9.423	0.000	94	4236	1.00	1.08	
94 m-Xylene & p-Xylene	106	9.508	9.509	-0.001	99	8016	1.00	1.12	
95 n-Butyl acrylate	73	9.795	9.789	0.006	99	2574	1.00	1.01	
96 o-Xylene	106	9.825	9.826	-0.001	93	7879	1.00	1.08	
97 Styrene	104	9.850	9.844	0.006	95	11425	1.00	1.02	
98 Amyl acetate (mixed isomer	43	9.960	9.960	0.000	91	6945	1.00	1.06	
99 Bromoform	173	10.014	10.015	-0.001	93	2427	1.00	1.02	
100 Isopropylbenzene	105	10.094	10.094	0.000	96	20075	1.00	1.06	
$ 101 4-Bromofluorobenzene	174	10.252	10.252	0.000	91	152948	50.0	43.9	
102 Bromobenzene	156	10.362	10.362	0.000	97	5571	1.00	1.14	
103 1,1,2,2-Tetrachloroethane	83	10.374	10.374	0.000	97	5231	1.00	1.08	
104 N-Propylbenzene	91	10.405	10.399	0.006	98	27402	1.00	1.11	
105 1,2,3-Trichloropropane	110	10.417	10.417	0.000	96	1532	1.00	1.17	
106 trans-1,4-Dichloro-2-buten	53	10.429	10.423	0.006	72	1226	1.00	0.99	
107 4-Ethyltoluene	105	10.490	10.484	0.006	98	21423	1.00	1.09	
108 2-Chlorotoluene	91	10.490	10.490	0.000	96	18719	1.00	1.14	
109 1,3,5-Trimethylbenzene	105	10.533	10.533	0.000	93	16851	1.00	1.02	
110 4-Chlorotoluene	91	10.575	10.575	0.000	98	16585	1.00	1.17	
111 Butyl Methacrylate	87	10.588	10.588	0.000	92	4693	1.00	0.9070	
112 tert-Butylbenzene	119	10.764	10.764	0.000	93	12743	1.00	0.9740	
113 1,2,4-Trimethylbenzene	105	10.807	10.807	0.000	97	17758	1.00	1.04	
114 sec-Butylbenzene	105	10.923	10.923	0.000	99	21011	1.00	0.9762	
115 4-Isopropyltoluene	119	11.020	11.020	0.000	97	18194	1.00	0.99	
116 1,3-Dichlorobenzene	146	11.039	11.039	0.000	95	11564	1.00	1.23	
* 117 1,4-Dichlorobenzene-d4	152	11.087	11.088	-0.001	96	250982	50.0	50.0	
118 1,4-Dichlorobenzene	146	11.106	11.106	0.000	95	12413	1.00	1.31	
119 Benzyl chloride	126	11.209	11.209	0.000	98	1565	1.00	1.00	
120 2,3-Dihydroindene	117	11.264	11.264	0.000	93	20498	1.00	1.16	
121 p-Diethylbenzene	119	11.289	11.289	0.000	91	11967	1.00	1.04	
122 n-Butylbenzene	92	11.307	11.307	0.000	97	11459	1.00	1.11	
123 1,2-Dichlorobenzene	146	11.380	11.374	0.006	95	11122	1.00	1.21	
124 1,2,4,5-Tetramethylbenzene	119	11.886	11.886	0.000	98	16697	1.00	1.00	
125 1,2-Dibromo-3-Chloropropan	157	12.002	11.996	0.006	92	1147	1.00	1.11	
126 1,3,5-Trichlorobenzene	180	12.124	12.124	0.000	97	9738	1.00	1.21	
127 1,2,4-Trichlorobenzene	180	12.727	12.721	0.006	88	9448	1.00	1.24	
128 Hexachlorobutadiene	225	12.825	12.831	-0.006	96	4310	1.00	1.06	
129 Naphthalene	128	13.002	13.002	0.000	99	18826	1.00	1.17	
130 1,2,3-Trichlorobenzene	180	13.276	13.276	0.000	94	8823	1.00	1.23	
S 131 1,2-Dichloroethene, Total	100				0		2.00	2.46	
S 132 1,3-Dichloropropene, Total	100				0		2.00	2.04	
S 133 Xylenes, Total	100				0		2.00	2.20	
S 134 Total BTEX	1				0		5.00	5.84	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00125	Amount Added:	1.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	1.00	Units: uL	
ACROLEIN W_00044	Amount Added:	10.00	Units: uL	
8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

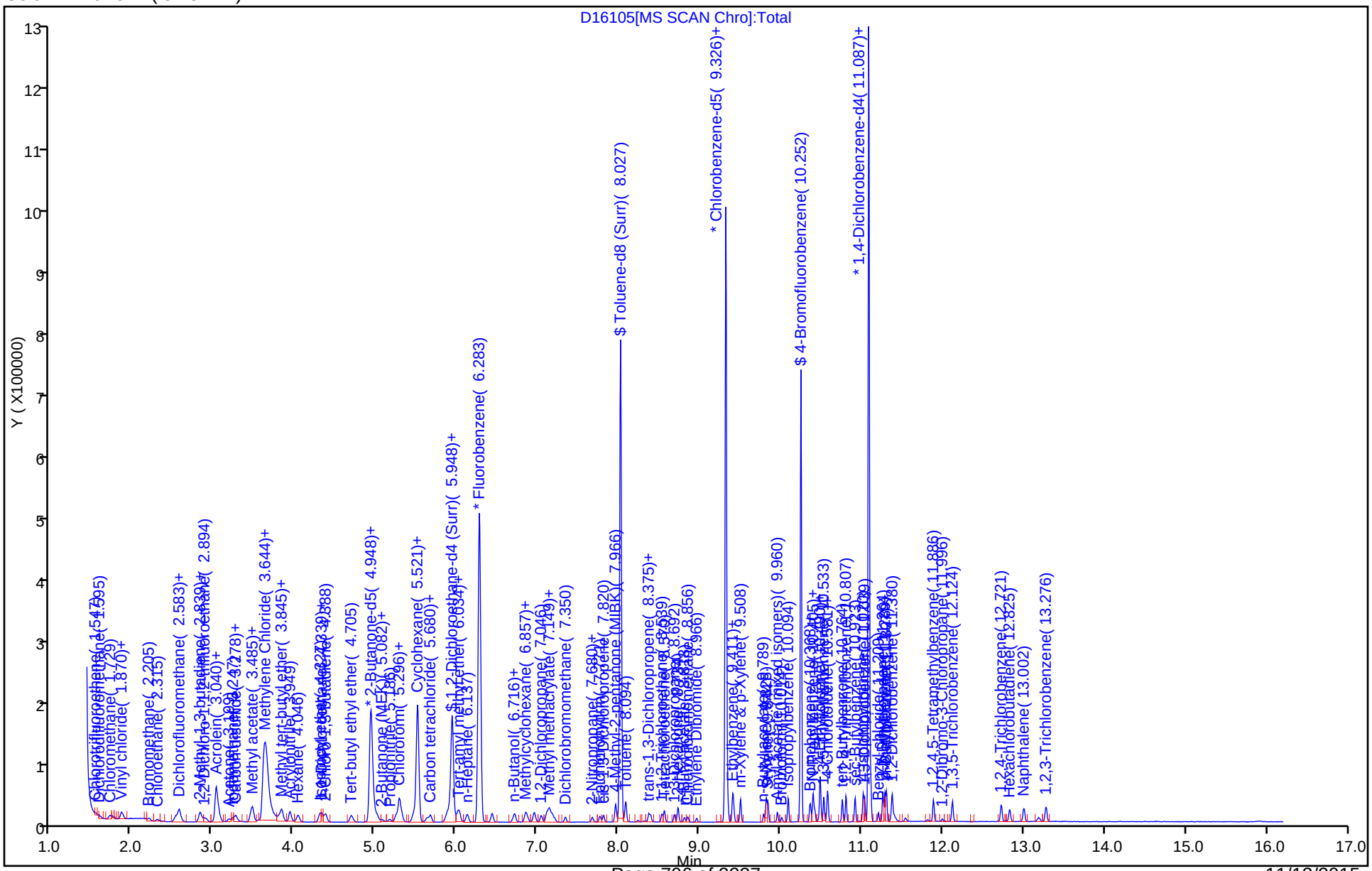
Report Date: 05-Nov-2015 09:56:24 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D

Injection Date:	05-Nov-2015 02:31:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	14
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334211/2 Calibration Date: 11/09/2015 22:03

Instrument ID: CVOAMS2 Calib Start Date: 10/31/2015 13:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2015 15:49

Lab File ID: B89756.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0512	0.0476		18.6	20.0	-7.2	20.0
Dichlorodifluoromethane	Ave	0.3735	0.3359	0.1000	18.0	20.0	-10.1	20.0
Chloromethane	Ave	0.2458	0.2701	0.1000	22.0	20.0	9.9	20.0
Butadiene	Ave	0.2228	0.2212		19.9	20.0	-0.7	20.0
Vinyl chloride	Ave	0.2896	0.3057	0.1000	21.1	20.0	5.6	20.0
Bromomethane	Ave	0.2413	0.2522	0.1000	20.9	20.0	4.5	50.0
Chloroethane	Ave	0.1654	0.1776	0.1000	21.5	20.0	7.4	50.0
Trichlorofluoromethane	Ave	0.4781	0.4352	0.1000	18.2	20.0	-9.0	20.0
Dichlorofluoromethane	Ave	0.5313	0.5686		21.4	20.0	7.0	20.0
Pentane	QuaF	0.0314	0.0304		35.0	40.0	-12.5	20.0
Ethanol	Ave	0.0143	0.0134		746	800	-6.8	50.0
Ethyl ether	Ave	0.1995	0.2295		23.0	20.0	15.1	20.0
2-Methyl-1,3-butadiene	Ave	0.2155	0.2397		22.2	20.0	11.2	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2731	0.3008		22.0	20.0	10.1	20.0
Acrolein	Ave	2.665	2.401		36.0	40.0	-9.9	50.0
1,1-Dichloroethene	Ave	0.2993	0.2876	0.1000	19.2	20.0	-3.9	20.0
Freon TF	Ave	0.2641	0.2519	0.1000	19.1	20.0	-4.6	20.0
Acetone	Ave	0.7000	0.6654	0.0500	95.1	100	-4.9	50.0
Iodomethane	Ave	0.6369	0.6460		20.3	20.0	1.4	20.0
Carbon disulfide	Ave	0.9313	0.9278	0.1000	19.9	20.0	-0.4	50.0
Isopropyl alcohol	QuaF	0.2995	0.4854		347	200	73.7*	50.0
Allyl chloride	Ave	0.1653	0.1863		22.5	20.0	12.7	20.0
Cyclopentene	Ave	0.6510	0.6688		20.5	20.0	2.7	20.0
Methyl acetate	Ave	0.1750	0.1944	0.1000	111	100	11.1	20.0
Acetonitrile	Ave	0.0204	0.0228		223	200	11.5	20.0
Methylene Chloride	Ave	0.3250	0.3246	0.1000	20.0	20.0	-0.1	20.0
2-Methyl-2-propanol	Ave	1.029	1.105		215	200	7.3	50.0
MTBE	Ave	0.8877	0.8470	0.1000	19.1	20.0	-4.6	20.0
trans-1,2-Dichloroethene	Ave	0.3242	0.3199	0.1000	19.7	20.0	-1.3	20.0
Acrylonitrile	QuaF		0.0879		216	200	8.1	20.0
Hexane	Ave	0.0941	0.1111		23.6	20.0	18.1	20.0
Isopropyl ether	Ave	0.7190	0.8371		23.3	20.0	16.4	20.0
1,1-Dichloroethane	Ave	0.4811	0.5076	0.2000	21.1	20.0	5.5	20.0
Vinyl acetate	Ave	0.0346	0.0441		50.9	40.0	27.2*	20.0
2-Chloro-1,3-butadiene	Ave	0.2686	0.2671		19.9	20.0	-0.6	20.0
Tert-butyl ethyl ether	Ave	0.8511	0.8471		19.9	20.0	-0.5	20.0
2,2-Dichloropropane	QuaF	0.2638	0.2134		19.4	20.0	-3.2	20.0
cis-1,2-Dichloroethene	Ave	0.3523	0.3538	0.1000	20.1	20.0	0.4	20.0
2-Butanone	Ave	0.3398	0.3156	0.0500	92.9	100	-7.1	50.0
Ethyl acetate	QuaF	0.2433	0.2200		34.0	40.0	-15.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334211/2 Calibration Date: 11/09/2015 22:03

Instrument ID: CVOAMS2 Calib Start Date: 10/31/2015 13:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2015 15:49

Lab File ID: B89756.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl acrylate	Ave	0.1898	0.1952		20.6	20.0	2.8	20.0
Propionitrile	Ave	1.365	1.565		229	200	14.7	20.0
Bromochloromethane	Ave	0.1894	0.1910		20.2	20.0	0.8	20.0
Tetrahydrofuran	Ave	0.4270	0.4522		42.4	40.0	5.9	20.0
Methacrylonitrile	Ave	0.1022	0.1081		211	200	5.7	20.0
Chloroform	Ave	0.5251	0.4946	0.2000	18.8	20.0	-5.8	20.0
Cyclohexane	Ave	0.2926	0.2754	0.1000	18.8	20.0	-5.9	50.0
1,1,1-Trichloroethane	Ave	0.4944	0.4171	0.1000	16.9	20.0	-15.6	20.0
Carbon tetrachloride	Ave	0.4004	0.3389	0.1000	16.9	20.0	-15.4	20.0
1,1-Dichloropropene	Ave	0.3598	0.3490		19.4	20.0	-3.0	20.0
2,2,4-Trimethylpentane	Ave	0.3394	0.3297		19.4	20.0	-2.9	20.0
Benzene	Ave	1.194	1.327	0.5000	22.2	20.0	11.2	20.0
Isobutyl alcohol	Ave	0.3389	0.3960		584	500	16.9	50.0
Tert-amyl methyl ether	Ave	0.9320	0.9274		19.9	20.0	-0.5	20.0
1,2-Dichloroethane	Ave	0.4118	0.3543	0.1000	17.2	20.0	-14.0	20.0
Isopropyl acetate	Ave	0.2946	0.2738		18.6	20.0	-7.1	20.0
n-Heptane	Ave	0.0703	0.0691		19.7	20.0	-1.6	20.0
Trichloroethene	Ave	0.2825	0.2707	0.2000	19.2	20.0	-4.2	20.0
Methylcyclohexane	Ave	0.2378	0.2283	0.1000	19.2	20.0	-4.0	50.0
n-Butanol	Qua2	0.1038	0.1470		916	500	83.2*	50.0
Ethyl acrylate	Ave	0.2624	0.2685		20.5	20.0	2.3	20.0
1,2-Dichloropropane	Ave	0.2431	0.2566	0.1000	21.1	20.0	5.5	20.0
1,4-Dioxane	QuaF	0.6285	0.6595		414	400	3.5	50.0
Dibromomethane	Ave	0.1937	0.1818		18.8	20.0	-6.2	20.0
Methyl methacrylate	Ave	0.0825	0.0788		38.2	40.0	-4.5	20.0
n-Propyl acetate	Ave	0.2671	0.2840		21.3	20.0	6.3	20.0
Bromodichloromethane	Ave	0.3685	0.3485	0.2000	18.9	20.0	-5.4	20.0
2-Nitropropane	Ave	0.0587	0.0558		38.1	40.0	-4.8	20.0
2-Chloroethyl vinyl ether	Ave	0.1513	0.1621		21.4	20.0	7.2	20.0
Epichlorohydrin	QuaF		0.2677		401	400	0.2	20.0
cis-1,3-Dichloropropene	Ave	0.4768	0.5384	0.2000	22.6	20.0	12.9	50.0
4-Methyl-2-pentanone	Ave	2.865	2.733	0.0500	95.4	100	-4.6	50.0
Toluene	Ave	1.261	1.353	0.4000	21.5	20.0	7.3	20.0
trans-1,3-Dichloropropene	Ave	0.4279	0.4586	0.1000	21.4	20.0	7.2	50.0
Ethyl methacrylate	Ave	0.3535	0.3981		22.5	20.0	12.6	20.0
1,1,2-Trichloroethane	Ave	0.2318	0.2604	0.1000	22.5	20.0	12.3	20.0
Tetrachloroethene	Ave	0.3427	0.3504	0.2000	20.4	20.0	2.2	20.0
1,3-Dichloropropane	Ave	0.4697	0.5078		21.6	20.0	8.1	20.0
2-Hexanone	Ave	1.652	1.647	0.0500	99.7	100	-0.3	50.0
Dibromochloromethane	Ave	0.3671	0.3677	0.1000	20.0	20.0	0.2	50.0
n-Butyl acetate	Ave	0.0562	0.0637		22.7	20.0	13.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334211/2 Calibration Date: 11/09/2015 22:03

Instrument ID: CVOAMS2 Calib Start Date: 10/31/2015 13:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2015 15:49

Lab File ID: B89756.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromoethane	Ave	0.3266	0.3322	0.1000	20.3	20.0	1.7	20.0
Chlorobenzene	Ave	0.9432	0.9237	0.5000	19.6	20.0	-2.1	20.0
Ethylbenzene	Ave	0.4679	0.4609	0.1000	19.7	20.0	-1.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3786	0.3731		19.7	20.0	-1.5	20.0
m-Xylene & p-Xylene	Ave	0.5898	0.5558	0.1000	18.8	20.0	-5.8	20.0
o-Xylene	Ave	0.6067	0.5866	0.3000	19.3	20.0	-3.3	20.0
n-Butyl acrylate	Ave	0.2490	0.2842		22.8	20.0	14.2	20.0
Styrene	Ave	1.010	0.998	0.3000	19.8	20.0	-1.2	20.0
Amyl acetate (mixed isomers)	Ave	0.7292	0.9565		26.2	20.0	31.2*	20.0
Bromoform	Ave	0.2601	0.2599	0.1000	20.0	20.0	-0.0	20.0
Isopropylbenzene	Ave	1.232	1.215	0.1000	19.7	20.0	-1.4	20.0
Bromobenzene	Ave	0.7516	0.7679		20.4	20.0	2.2	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6315	0.6823	0.3000	21.6	20.0	8.0	20.0
N-Propylbenzene	Ave	2.030	2.067		20.4	20.0	1.8	20.0
1,2,3-Trichloropropane	Ave	0.2122	0.2170		20.5	20.0	2.3	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1516	0.1665		22.0	20.0	9.9	20.0
2-Chlorotoluene	Ave	1.613	1.608		19.9	20.0	-0.3	20.0
4-Ethyltoluene	Ave	1.945	1.928		19.8	20.0	-0.9	20.0
1,3,5-Trimethylbenzene	Ave	1.636	1.542		18.9	20.0	-5.7	20.0
4-Chlorotoluene	Ave	1.503	1.511		20.1	20.0	0.5	20.0
Butyl Methacrylate	Ave	0.7257	0.8207		22.6	20.0	13.1	20.0
tert-Butylbenzene	Ave	1.255	1.161		18.5	20.0	-7.5	20.0
1,2,4-Trimethylbenzene	Ave	1.768	1.671		18.9	20.0	-5.5	20.0
sec-Butylbenzene	Ave	1.634	1.641		20.1	20.0	0.4	20.0
1,3-Dichlorobenzene	Ave	1.175	1.171	0.6000	19.9	20.0	-0.4	20.0
4-Isopropyltoluene	Ave	1.509	1.519		20.1	20.0	0.6	20.0
1,4-Dichlorobenzene	Ave	1.238	1.187	0.5000	19.2	20.0	-4.1	20.0
Benzyl chloride	Ave	1.258	1.325		21.1	20.0	5.3	50.0
Indan	Ave	2.173	2.106		19.4	20.0	-3.1	20.0
p-Diethylbenzene	Ave	0.9151	0.8669		18.9	20.0	-5.3	20.0
n-Butylbenzene	Ave	1.394	1.408		20.2	20.0	1.0	20.0
1,2-Dichlorobenzene	Ave	1.242	1.207	0.4000	19.4	20.0	-2.9	20.0
1,2,4,5-Tetramethylbenzene	Ave	1.651	1.530		18.5	20.0	-7.4	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1171	0.1118	0.0500	19.1	20.0	-4.5	50.0
1,3,5-Trichlorobenzene	Ave	0.7935	0.7259		18.3	20.0	-8.5	20.0
1,2,4-Trichlorobenzene	Ave	0.7539	0.6888	0.2000	18.3	20.0	-8.6	20.0
Hexachlorobutadiene	Ave	0.2962	0.3200		21.6	20.0	8.0	20.0
Naphthalene	Ave	2.029	1.779		17.5	20.0	-12.3	50.0
1,2,3-Trichlorobenzene	Ave	0.6945	0.6110		17.6	20.0	-12.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2539	0.2552		50.3	50.0	0.5	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2592	0.2408		46.4	50.0	-7.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334211/2 Calibration Date: 11/09/2015 22:03

Instrument ID: CVOAMS2 Calib Start Date: 10/31/2015 13:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2015 15:49

Lab File ID: B89756.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toluene-d8 (Surr)	Ave	0.9816	1.036		52.8	50.0	5.5	20.0
Bromofluorobenzene	Ave	0.4266	0.4312		50.5	50.0	1.1	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89756.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 09-Nov-2015 22:03:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0034015-002
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub58

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Nov-2015 14:53:56 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: martineze Date: 10-Nov-2015 13:34:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.068	1.068	0.000	84	11264	20.0	18.6	
2 Dichlorodifluoromethane	85	1.101	1.101	0.000	98	79546	20.0	18.0	
3 Chloromethane	50	1.208	1.208	0.000	99	63951	20.0	22.0	
4 Vinyl chloride	62	1.299	1.299	0.000	97	72398	20.0	21.1	
5 Butadiene	54	1.299	1.299	0.000	79	52376	20.0	19.9	
6 Bromomethane	94	1.529	1.529	0.000	99	59726	20.0	20.9	
7 Chloroethane	64	1.587	1.587	0.000	95	42060	20.0	21.5	
10 Trichlorofluoromethane	101	1.760	1.760	0.000	94	103051	20.0	18.2	
9 Dichlorofluoromethane	67	1.768	1.768	0.000	98	134630	20.0	21.4	
8 Pentane	72	1.768	1.768	0.000	95	14385	40.0	35.0	
12 Ethanol	46	1.949	1.949	0.000	70	2191	800.0	745.7	
11 Ethyl ether	59	1.957	1.957	0.000	94	54345	20.0	23.0	
13 2-Methyl-1,3-butadiene	53	1.974	1.974	0.000	94	56748	20.0	22.2	
14 1,2-Dichloro-1,1,2-trifluo	117	2.031	2.031	0.000	75	71231	20.0	22.0	
15 Acrolein	56	2.122	2.122	0.000	92	19665	40.0	36.0	
17 1,1-Dichloroethene	96	2.138	2.138	0.000	96	68090	20.0	19.2	
16 1,1,2-Trichloro-1,2,2-trif	101	2.147	2.147	0.000	68	59646	20.0	19.1	
18 Acetone	43	2.229	2.229	0.000	85	64096	100.0	95.1	
19 Iodomethane	142	2.270	2.270	0.000	96	152973	20.0	20.3	
20 Carbon disulfide	76	2.295	2.295	0.000	98	219707	20.0	19.9	
21 Isopropyl alcohol	45	2.352	2.352	0.000	65	19880	200.0	347.5	M
22 3-Chloro-1-propene	76	2.435	2.435	0.000	44	44110	20.0	22.5	
23 Cyclopentene	67	2.451	2.451	0.000	82	158363	20.0	20.5	
24 Methyl acetate	43	2.459	2.459	0.000	97	230177	100.0	111.1	
25 Acetonitrile	41	2.517	2.517	0.000	72	54003	200.0	223.0	
26 Methylene Chloride	84	2.575	2.575	0.000	86	76853	20.0	20.0	
* 27 TBA-d9 (IS)	65	2.607	2.607	0.000	92	204770	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.673	2.673	0.000	91	45259	200.0	214.7	
29 Methyl tert-butyl ether	73	2.731	2.731	0.000	97	200553	20.0	19.1	
30 trans-1,2-Dichloroethene	96	2.756	2.756	0.000	93	75747	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.830	2.830	0.000	95	208223	200.0	216.3	
32 Hexane	43	2.904	2.904	0.000	92	26308	20.0	23.6	
34 Isopropyl ether	45	3.142	3.142	0.000	90	198211	20.0	23.3	
33 1,1-Dichloroethane	63	3.151	3.151	0.000	98	120191	20.0	21.1	
36 Vinyl acetate	86	3.184	3.184	0.000	100	20867	40.0	50.9	
35 2-Chloro-1,3-butadiene	88	3.200	3.200	0.000	87	63249	20.0	19.9	
38 Tert-butyl ethyl ether	59	3.472	3.472	0.000	89	200594	20.0	19.9	
* 158 2-Butanone-d5	46	3.677	3.677	0.000	91	240815	250.0	250.0	
39 2,2-Dichloropropane	41	3.677	3.677	0.000	65	50540	20.0	19.4	
40 cis-1,2-Dichloroethene	96	3.710	3.710	0.000	93	83781	20.0	20.1	
41 2-Butanone (MEK)	72	3.735	3.735	0.000	96	30400	100.0	92.9	
42 Ethyl acetate	70	3.751	3.751	0.000	92	8477	40.0	34.0	
43 Methyl acrylate	55	3.801	3.801	0.000	56	46213	20.0	20.6	
44 Propionitrile	54	3.883	3.883	0.000	95	64101	200.0	229.4	
46 Tetrahydrofuran	72	3.949	3.949	0.000	61	17422	40.0	42.4	
45 Chlorobromomethane	128	3.949	3.949	0.000	77	45220	20.0	20.2	
47 Methacrylonitrile	67	3.982	3.982	0.000	90	255878	200.0	211.5	
48 Chloroform	83	4.031	4.031	0.000	99	117111	20.0	18.8	
49 Cyclohexane	84	4.138	4.138	0.000	88	65214	20.0	18.8	
50 1,1,1-Trichloroethane	97	4.163	4.163	0.000	98	98771	20.0	16.9	
$ 51 Dibromofluoromethane (Surr	113	4.204	4.204	0.000	93	151064	50.0	50.3	
52 Carbon tetrachloride	117	4.286	4.286	0.000	97	80260	20.0	16.9	
53 1,1-Dichloropropene	75	4.327	4.327	0.000	98	82640	20.0	19.4	
54 Isooctane	57	4.525	4.525	0.000	94	78077	20.0	19.4	
55 Benzene	78	4.541	4.541	0.000	95	258363	20.0	22.2	
56 Isobutyl alcohol	43	4.566	4.566	0.000	43	40545	500.0	584.3	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.574	4.574	0.000	92	142523	50.0	46.4	
58 Tert-amyl methyl ether	73	4.648	4.648	0.000	92	219606	20.0	19.9	
60 1,2-Dichloroethane	62	4.657	4.657	0.000	95	83904	20.0	17.2	
59 Isopropyl acetate	87	4.665	4.665	0.000	99	64834	20.0	18.6	
61 n-Heptane	57	4.755	4.755	0.000	88	16373	20.0	19.7	
* 62 Fluorobenzene	96	4.879	4.879	0.000	100	591988	50.0	50.0	
64 Trichloroethene	95	5.299	5.299	0.000	94	64101	20.0	19.2	
65 n-Butanol	56	5.422	5.422	0.000	42	15047	500.0	916.0	
66 Methylcyclohexane	83	5.422	5.422	0.000	93	54058	20.0	19.2	
67 Ethyl acrylate	55	5.496	5.496	0.000	98	63568	20.0	20.5	
68 1,2-Dichloropropane	63	5.628	5.628	0.000	93	60757	20.0	21.1	
* 69 1,4-Dioxane-d8	96	5.718	5.718	0.000	85	20937	1000.0	1000.0	
72 Methyl methacrylate	100	5.784	5.784	0.000	89	37309	40.0	38.2	
70 Dibromomethane	93	5.784	5.784	0.000	85	43051	20.0	18.8	
71 1,4-Dioxane	88	5.784	5.784	0.000	29	5523	400.0	414.2	
73 n-Propyl acetate	43	5.866	5.866	0.000	98	67241	20.0	21.3	
74 Dichlorobromomethane	83	5.998	5.998	0.000	98	82516	20.0	18.9	
75 2-Nitropropane	41	6.410	6.410	0.000	97	26447	40.0	38.1	
76 2-Chloroethyl vinyl ether	63	6.434	6.434	0.000	92	38387	20.0	21.4	
77 Epichlorohydrin	57	6.541	6.541	0.000	99	103158	400.0	400.8	
78 cis-1,3-Dichloropropene	75	6.599	6.599	0.000	89	104806	20.0	22.6	
79 4-Methyl-2-pentanone (MIBK	43	6.813	6.813	0.000	95	263304	100.0	95.4	
$ 80 Toluene-d8 (Surr)	98	6.862	6.862	0.000	98	504088	50.0	52.8	
81 Toluene	91	6.944	6.944	0.000	92	263434	20.0	21.5	
82 trans-1,3-Dichloropropene	75	7.356	7.356	0.000	95	89265	20.0	21.4	
83 Ethyl methacrylate	69	7.405	7.405	0.000	89	77480	20.0	22.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,1,2-Trichloroethane	83	7.545	7.545	0.000	94	50681	20.0	22.5	
85 Tetrachloroethene	166	7.553	7.553	0.000	96	68205	20.0	20.4	
86 1,3-Dichloropropane	76	7.735	7.735	0.000	92	98844	20.0	21.6	
87 2-Hexanone	43	7.817	7.817	0.000	94	158683	100.0	99.7	
88 Chlorodibromomethane	129	7.932	7.932	0.000	98	71570	20.0	20.0	
89 n-Butyl acetate	73	7.940	7.940	0.000	98	12407	20.0	22.7	
90 Ethylene Dibromide	107	8.039	8.039	0.000	99	64662	20.0	20.3	
* 91 Chlorobenzene-d5	117	8.492	8.492	0.000	84	486625	50.0	50.0	
92 Chlorobenzene	112	8.516	8.516	0.000	97	179804	20.0	19.6	
93 Ethylbenzene	106	8.607	8.607	0.000	97	89722	20.0	19.7	
94 1,1,1,2-Tetrachloroethane	131	8.623	8.623	0.000	94	72629	20.0	19.7	
95 m-Xylene & p-Xylene	106	8.722	8.722	0.000	96	108184	20.0	18.8	
96 o-Xylene	106	9.101	9.101	0.000	95	114186	20.0	19.3	
97 n-Butyl acrylate	73	9.109	9.109	0.000	99	55324	20.0	22.8	
98 Styrene	104	9.125	9.125	0.000	97	194243	20.0	19.8	
100 Amyl acetate (mixed isomer	43	9.323	9.323	0.000	91	112847	20.0	26.2	
99 Bromoform	173	9.323	9.323	0.000	65	50580	20.0	20.0	
101 Isopropylbenzene	105	9.422	9.422	0.000	94	236453	20.0	19.7	
$ 102 4-Bromofluorobenzene	174	9.603	9.603	0.000	96	209811	50.0	50.5	
104 Bromobenzene	156	9.718	9.718	0.000	89	90599	20.0	20.4	
105 1,1,2,2-Tetrachloroethane	83	9.784	9.784	0.000	97	80497	20.0	21.6	
106 N-Propylbenzene	91	9.784	9.784	0.000	99	243834	20.0	20.4	
107 1,2,3-Trichloropropane	110	9.817	9.817	0.000	93	25601	20.0	20.5	
108 trans-1,4-Dichloro-2-buten	53	9.833	9.833	0.000	81	19646	20.0	22.0	
109 2-Chlorotoluene	91	9.874	9.874	0.000	97	189755	20.0	19.9	
110 4-Ethyltoluene	105	9.882	9.882	0.000	98	227437	20.0	19.8	
111 1,3,5-Trimethylbenzene	105	9.940	9.940	0.000	94	181945	20.0	18.9	
112 4-Chlorotoluene	91	9.981	9.981	0.000	96	178217	20.0	20.1	
113 Butyl Methacrylate	87	10.039	10.039	0.000	86	96819	20.0	22.6	
114 tert-Butylbenzene	119	10.203	10.203	0.000	96	137021	20.0	18.5	
115 1,2,4-Trimethylbenzene	105	10.253	10.253	0.000	96	197117	20.0	18.9	
116 sec-Butylbenzene	105	10.384	10.384	0.000	99	193577	20.0	20.1	
118 4-Isopropyltoluene	119	10.508	10.508	0.000	98	179158	20.0	20.1	
117 1,3-Dichlorobenzene	146	10.508	10.508	0.000	99	138108	20.0	19.9	
* 119 1,4-Dichlorobenzene-d4	152	10.574	10.574	0.000	92	294947	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.590	10.590	0.000	97	140039	20.0	19.2	
121 Benzyl chloride	91	10.714	10.714	0.000	100	156308	20.0	21.1	
122 2,3-Dihydroindene	117	10.763	10.763	0.000	95	248463	20.0	19.4	
123 p-Diethylbenzene	119	10.812	10.812	0.000	94	102277	20.0	18.9	
124 n-Butylbenzene	91	10.829	10.829	0.000	97	166094	20.0	20.2	
125 1,2-Dichlorobenzene	146	10.887	10.887	0.000	99	142352	20.0	19.4	
126 1,2,4,5-Tetramethylbenzene	119	11.430	11.430	0.000	98	180508	20.0	18.5	
127 1,2-Dibromo-3-Chloropropan	75	11.520	11.520	0.000	90	13184	20.0	19.1	
128 1,3,5-Trichlorobenzene	180	11.627	11.627	0.000	96	85640	20.0	18.3	
130 1,2,4-Trichlorobenzene	180	12.113	12.113	0.000	93	81258	20.0	18.3	
131 Hexachlorobutadiene	225	12.195	12.195	0.000	95	37753	20.0	21.6	
132 Naphthalene	128	12.310	12.310	0.000	99	209843	20.0	17.5	
133 1,2,3-Trichlorobenzene	180	12.516	12.516	0.000	94	72081	20.0	17.6	
S 134 1,2-Dichloroethene, Total	100				0		40.0	39.8	
S 135 Xylenes, Total	100				0		40.0	38.2	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00126	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	20.00	Units: uL	
8260SURR250_00096	Amount Added:	1.00	Units: uL	
ACROLEIN W_00044	Amount Added:	4.00	Units: uL	
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 10-Nov-2015 14:53:58 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89756.D

Injection Date: 09-Nov-2015 22:03:30 Instrument ID: CVOAMS2 Operator ID:

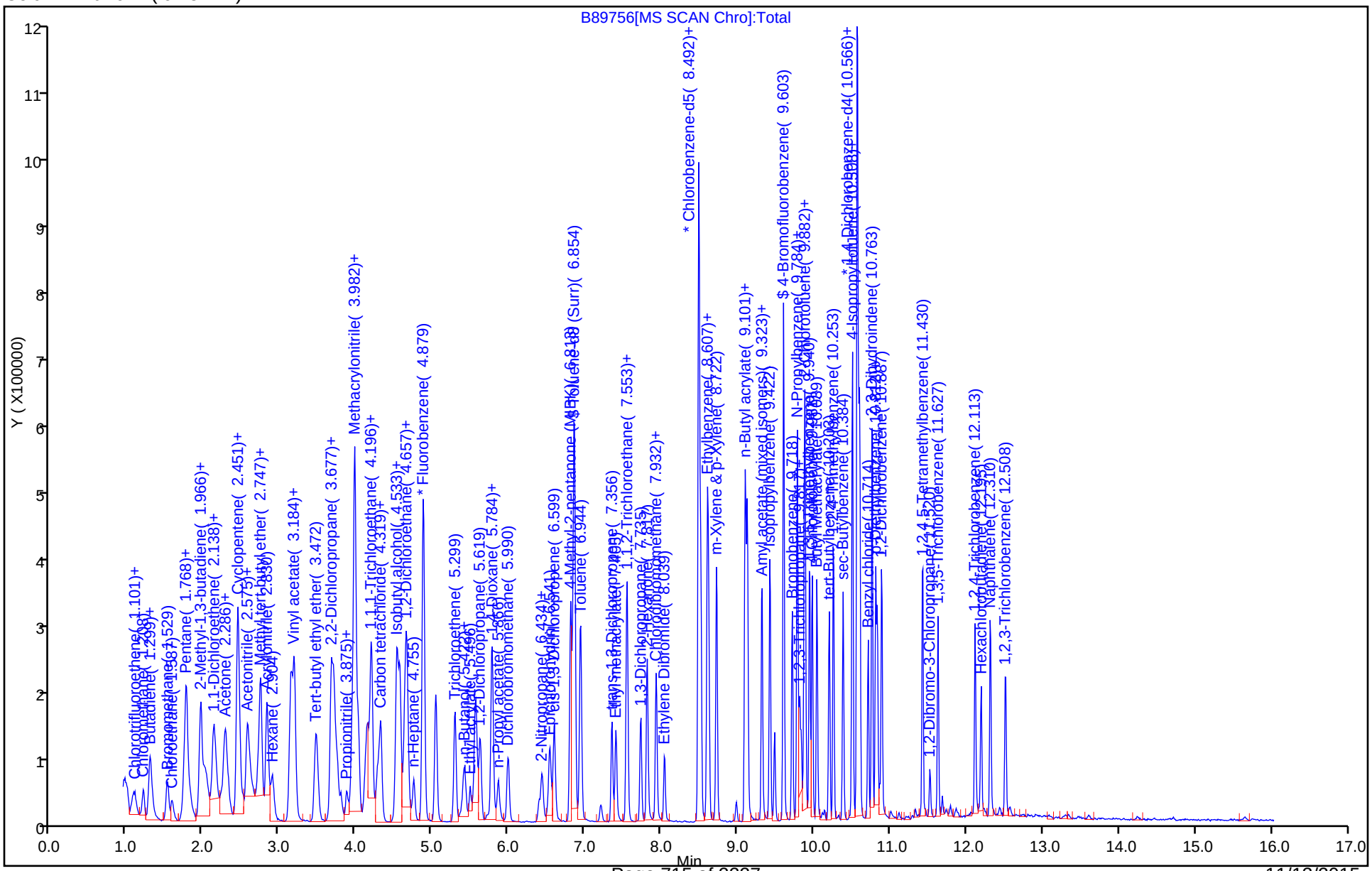
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334504/3 Calibration Date: 11/10/2015 21:39

Instrument ID: CVOAMS2 Calib Start Date: 10/31/2015 13:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2015 15:49

Lab File ID: B89813.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0512	0.0490		19.1	20.0	-4.5	20.0
Dichlorodifluoromethane	Ave	0.3735	0.3384	0.1000	18.1	20.0	-9.4	20.0
Chloromethane	Ave	0.2458	0.2431	0.1000	19.8	20.0	-1.1	20.0
Butadiene	Ave	0.2228	0.2090		18.8	20.0	-6.2	20.0
Vinyl chloride	Ave	0.2896	0.2799	0.1000	19.3	20.0	-3.4	20.0
Bromomethane	Ave	0.2413	0.2438	0.1000	20.2	20.0	1.0	50.0
Chloroethane	Ave	0.1654	0.1648	0.1000	19.9	20.0	-0.4	50.0
Dichlorofluoromethane	Ave	0.5313	0.5550		20.9	20.0	4.4	20.0
Trichlorofluoromethane	Ave	0.4781	0.4427	0.1000	18.5	20.0	-7.4	20.0
Pentane	QuaF	0.0314	0.0309		35.6	40.0	-11.0	20.0
Ethanol	Ave	0.0143	0.0125		699	800	-12.7	50.0
Ethyl ether	Ave	0.1995	0.2222		22.3	20.0	11.4	20.0
2-Methyl-1,3-butadiene	Ave	0.2155	0.2171		20.2	20.0	0.8	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2731	0.2451		17.9	20.0	-10.3	20.0
Freon TF	Ave	0.2641	0.2493	0.1000	18.9	20.0	-5.6	20.0
Acrolein	Ave	2.665	2.431		36.5	40.0	-8.8	50.0
1,1-Dichloroethene	Ave	0.2993	0.2804	0.1000	18.7	20.0	-6.3	20.0
Acetone	Ave	0.7000	0.5362	0.0500	76.6	100	-23.4	50.0
Iodomethane	Ave	0.6369	0.6486		20.4	20.0	1.8	20.0
Carbon disulfide	Ave	0.9313	0.9495	0.1000	20.4	20.0	2.0	50.0
Isopropyl alcohol	QuaF	0.2995	0.3392		244	200	22.2	50.0
Allyl chloride	Ave	0.1653	0.1686		20.4	20.0	2.0	20.0
Cyclopentene	Ave	0.6510	0.6563		20.2	20.0	0.8	20.0
Methyl acetate	Ave	0.1750	0.1851	0.1000	106	100	5.8	20.0
Acetonitrile	Ave	0.0204	0.0206		202	200	0.9	20.0
Methylene Chloride	Ave	0.3250	0.3281	0.1000	20.2	20.0	0.9	20.0
2-Methyl-2-propanol	Ave	1.029	1.266		246	200	23.0	50.0
MTBE	Ave	0.8877	0.8305	0.1000	18.7	20.0	-6.4	20.0
trans-1,2-Dichloroethene	Ave	0.3242	0.3135	0.1000	19.3	20.0	-3.3	20.0
Acrylonitrile	QuaF		0.0857		211	200	5.3	20.0
Hexane	Ave	0.0941	0.1129		24.0	20.0	20.0	20.0
Isopropyl ether	Ave	0.7190	0.8330		23.2	20.0	15.9	20.0
1,1-Dichloroethane	Ave	0.4811	0.5171	0.2000	21.5	20.0	7.5	20.0
Vinyl acetate	Ave	0.0346	0.0395		45.6	40.0	14.0	20.0
2-Chloro-1,3-butadiene	Ave	0.2686	0.2775		20.7	20.0	3.3	20.0
Tert-butyl ethyl ether	Ave	0.8511	0.8544		20.1	20.0	0.4	20.0
2,2-Dichloropropane	QuaF	0.2638	0.2127		19.3	20.0	-3.5	20.0
cis-1,2-Dichloroethene	Ave	0.3523	0.3407	0.1000	19.3	20.0	-3.3	20.0
2-Butanone	Ave	0.3398	0.2946	0.0500	86.7	100	-13.3	50.0
Ethyl acetate	QuaF	0.2433	0.2387		36.9	40.0	-7.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334504/3 Calibration Date: 11/10/2015 21:39

Instrument ID: CVOAMS2 Calib Start Date: 10/31/2015 13:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2015 15:49

Lab File ID: B89813.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl acrylate	Ave	0.1898	0.1838		19.4	20.0	-3.2	20.0
Propionitrile	Ave	1.365	1.605		235	200	17.6	20.0
Tetrahydrofuran	Ave	0.4270	0.3955		37.1	40.0	-7.4	20.0
Bromochloromethane	Ave	0.1894	0.1889		20.0	20.0	-0.2	20.0
Methacrylonitrile	Ave	0.1022	0.1054		206	200	3.2	20.0
Chloroform	Ave	0.5251	0.5129	0.2000	19.5	20.0	-2.3	20.0
Cyclohexane	Ave	0.2926	0.2665	0.1000	18.2	20.0	-8.9	50.0
1,1,1-Trichloroethane	Ave	0.4944	0.4221	0.1000	17.1	20.0	-14.6	20.0
Carbon tetrachloride	Ave	0.4004	0.3559	0.1000	17.8	20.0	-11.1	20.0
1,1-Dichloropropene	Ave	0.3598	0.3425		19.0	20.0	-4.8	20.0
2,2,4-Trimethylpentane	Ave	0.3394	0.3440		20.3	20.0	1.4	20.0
Benzene	Ave	1.194	1.238	0.5000	20.7	20.0	3.7	20.0
Isobutyl alcohol	Ave	0.3389	0.3400		502	500	0.3	50.0
Tert-amyl methyl ether	Ave	0.9320	0.9101		19.5	20.0	-2.3	20.0
1,2-Dichloroethane	Ave	0.4118	0.3485	0.1000	16.9	20.0	-15.4	20.0
Isopropyl acetate	Ave	0.2946	0.2748		18.7	20.0	-6.7	20.0
n-Heptane	Ave	0.0703	0.0596		17.0	20.0	-15.1	20.0
Trichloroethene	Ave	0.2825	0.2685	0.2000	19.0	20.0	-5.0	20.0
n-Butanol	Qua2	0.1038	0.0782		498	500	-0.3	50.0
Methylcyclohexane	Ave	0.2378	0.2257	0.1000	19.0	20.0	-5.1	50.0
Ethyl acrylate	Ave	0.2624	0.2628		20.0	20.0	0.1	20.0
1,2-Dichloropropane	Ave	0.2431	0.2676	0.1000	22.0	20.0	10.1	20.0
1,4-Dioxane	QuaF	0.6285	0.6739		423	400	5.8	50.0
Dibromomethane	Ave	0.1937	0.1766		18.2	20.0	-8.8	20.0
Methyl methacrylate	Ave	0.0825	0.0746		36.2	40.0	-9.6	20.0
n-Propyl acetate	Ave	0.2671	0.2991		22.4	20.0	12.0	20.0
Bromodichloromethane	Ave	0.3685	0.3458	0.2000	18.8	20.0	-6.1	20.0
2-Nitropropane	Ave	0.0587	0.0563		38.4	40.0	-4.0	20.0
2-Chloroethyl vinyl ether	Ave	0.1513	0.1638		21.7	20.0	8.3	20.0
Epichlorohydrin	QuaF		0.2500		374	400	-6.4	20.0
cis-1,3-Dichloropropene	Ave	0.4768	0.4878	0.2000	20.5	20.0	2.3	50.0
4-Methyl-2-pentanone	Ave	2.865	3.013	0.0500	105	100	5.2	50.0
Toluene	Ave	1.261	1.232	0.4000	19.5	20.0	-2.3	20.0
trans-1,3-Dichloropropene	Ave	0.4279	0.4195	0.1000	19.6	20.0	-2.0	50.0
Ethyl methacrylate	Ave	0.3535	0.3791		21.5	20.0	7.3	20.0
1,1,2-Trichloroethane	Ave	0.2318	0.2319	0.1000	20.0	20.0	0.0	20.0
Tetrachloroethene	Ave	0.3427	0.3189	0.2000	18.6	20.0	-6.9	20.0
1,3-Dichloropropane	Ave	0.4697	0.4801		20.4	20.0	2.2	20.0
2-Hexanone	Ave	1.652	1.795	0.0500	109	100	8.7	50.0
Dibromochloromethane	Ave	0.3671	0.3533	0.1000	19.3	20.0	-3.7	50.0
n-Butyl acetate	Ave	0.0562	0.0532		18.9	20.0	-5.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334504/3 Calibration Date: 11/10/2015 21:39

Instrument ID: CVOAMS2 Calib Start Date: 10/31/2015 13:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2015 15:49

Lab File ID: B89813.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromoethane	Ave	0.3266	0.2955	0.1000	18.1	20.0	-9.5	20.0
Chlorobenzene	Ave	0.9432	0.8886	0.5000	18.8	20.0	-5.8	20.0
Ethylbenzene	Ave	0.4679	0.4480	0.1000	19.1	20.0	-4.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3786	0.3383		17.9	20.0	-10.7	20.0
m-Xylene & p-Xylene	Ave	0.5898	0.5428	0.1000	18.4	20.0	-8.0	20.0
o-Xylene	Ave	0.6067	0.5938	0.3000	19.6	20.0	-2.1	20.0
n-Butyl acrylate	Ave	0.2490	0.2529		20.3	20.0	1.6	20.0
Styrene	Ave	1.010	0.9499	0.3000	18.8	20.0	-5.9	20.0
Amyl acetate (mixed isomers)	Ave	0.7292	0.8970		24.6	20.0	23.0*	20.0
Bromoform	Ave	0.2601	0.2548	0.1000	19.6	20.0	-2.0	20.0
Isopropylbenzene	Ave	1.232	1.155	0.1000	18.8	20.0	-6.2	20.0
Bromobenzene	Ave	0.7516	0.7024		18.7	20.0	-6.5	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6315	0.6342	0.3000	20.1	20.0	0.4	20.0
N-Propylbenzene	Ave	2.030	1.912		18.8	20.0	-5.8	20.0
1,2,3-Trichloropropane	Ave	0.2122	0.1984		18.7	20.0	-6.5	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1516	0.1517		20.0	20.0	0.1	20.0
2-Chlorotoluene	Ave	1.613	1.488		18.5	20.0	-7.7	20.0
4-Ethyltoluene	Ave	1.945	1.737		17.9	20.0	-10.7	20.0
1,3,5-Trimethylbenzene	Ave	1.636	1.430		17.5	20.0	-12.6	20.0
4-Chlorotoluene	Ave	1.503	1.435		19.1	20.0	-4.6	20.0
Butyl Methacrylate	Ave	0.7257	0.7128		19.6	20.0	-1.8	20.0
tert-Butylbenzene	Ave	1.255	1.068		17.0	20.0	-14.9	20.0
1,2,4-Trimethylbenzene	Ave	1.768	1.536		17.4	20.0	-13.2	20.0
sec-Butylbenzene	Ave	1.634	1.478		18.1	20.0	-9.6	20.0
1,3-Dichlorobenzene	Ave	1.175	1.046	0.6000	17.8	20.0	-11.0	20.0
4-Isopropyltoluene	Ave	1.509	1.339		17.7	20.0	-11.3	20.0
1,4-Dichlorobenzene	Ave	1.238	1.086	0.5000	17.5	20.0	-12.3	20.0
Benzyl chloride	Ave	1.258	1.306		20.8	20.0	3.8	50.0
Indan	Ave	2.173	1.988		18.3	20.0	-8.5	20.0
p-Diethylbenzene	Ave	0.9151	0.8063		17.6	20.0	-11.9	20.0
n-Butylbenzene	Ave	1.394	1.339		19.2	20.0	-4.0	20.0
1,2-Dichlorobenzene	Ave	1.242	1.096	0.4000	17.7	20.0	-11.7	20.0
1,2,4,5-Tetramethylbenzene	Ave	1.651	1.408		17.1	20.0	-14.7	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1171	0.0882	0.0500	15.1	20.0	-24.6	50.0
1,3,5-Trichlorobenzene	Ave	0.7935	0.7083		17.9	20.0	-10.7	20.0
1,2,4-Trichlorobenzene	Ave	0.7539	0.6939	0.2000	18.4	20.0	-8.0	20.0
Hexachlorobutadiene	Ave	0.2962	0.2964		20.0	20.0	0.0	20.0
Naphthalene	Ave	2.029	1.724		17.0	20.0	-15.0	50.0
1,2,3-Trichlorobenzene	Ave	0.6945	0.6368		18.3	20.0	-8.3	20.0
Dibromofluoromethane (Surr)	Ave	0.2539	0.2590		51.0	50.0	2.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2592	0.2561		49.4	50.0	-1.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334504/3 Calibration Date: 11/10/2015 21:39

Instrument ID: CVOAMS2 Calib Start Date: 10/31/2015 13:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2015 15:49

Lab File ID: B89813.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toluene-d8 (Surr)	Ave	0.9816	1.008		51.3	50.0	2.7	20.0
Bromofluorobenzene	Ave	0.4266	0.4372		51.2	50.0	2.5	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\B89813.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 10-Nov-2015 21:39:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0034078-003
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub58

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 15:44:57 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: baronm Date: 11-Nov-2015 15:44:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.077	1.077	0.000	71	10088	20.0	19.1	
2 Dichlorodifluoromethane	85	1.101	1.101	0.000	97	69737	20.0	18.1	
3 Chloromethane	50	1.217	1.217	0.000	98	50102	20.0	19.8	
4 Vinyl chloride	62	1.307	1.307	0.000	97	57691	20.0	19.3	
5 Butadiene	54	1.307	1.307	0.000	91	43067	20.0	18.8	
6 Bromomethane	94	1.529	1.529	0.000	99	50255	20.0	20.2	
7 Chloroethane	64	1.595	1.595	0.000	99	33959	20.0	19.9	
10 Trichlorofluoromethane	101	1.768	1.768	0.000	64	91248	20.0	18.5	
9 Dichlorofluoromethane	67	1.768	1.768	0.000	98	114380	20.0	20.9	
8 Pentane	72	1.785	1.785	0.000	97	12734	40.0	35.6	
12 Ethanol	46	1.966	1.966	0.000	60	1594	800.0	698.6	M
11 Ethyl ether	59	1.966	1.966	0.000	96	45804	20.0	22.3	
13 2-Methyl-1,3-butadiene	53	1.974	1.974	0.000	94	44753	20.0	20.2	
14 1,2-Dichloro-1,1,2-trifluo	117	2.040	2.040	0.000	86	50509	20.0	17.9	
16 1,1,2-Trichloro-1,2,2-trif	101	2.130	2.130	0.000	51	51385	20.0	18.9	
15 Acrolein	56	2.138	2.138	0.000	34	15464	40.0	36.5	
17 1,1-Dichloroethene	96	2.147	2.147	0.000	96	57785	20.0	18.7	
18 Acetone	43	2.245	2.245	0.000	88	40745	100.0	76.6	M
19 Iodomethane	142	2.287	2.287	0.000	96	133681	20.0	20.4	
20 Carbon disulfide	76	2.303	2.303	0.000	98	195692	20.0	20.4	
21 Isopropyl alcohol	45	2.377	2.377	0.000	50	10786	200.0	244.3	M
22 3-Chloro-1-propene	76	2.459	2.459	0.000	50	34740	20.0	20.4	
23 Cyclopentene	67	2.468	2.468	0.000	83	135271	20.0	20.2	
24 Methyl acetate	43	2.476	2.476	0.000	98	190790	100.0	105.8	
25 Acetonitrile	41	2.542	2.542	0.000	65	42531	200.0	201.8	
26 Methylene Chloride	84	2.591	2.591	0.000	89	67617	20.0	20.2	
* 27 TBA-d9 (IS)	65	2.616	2.616	0.000	91	159012	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.706	2.706	0.000	40	40276	200.0	246.0	
29 Methyl tert-butyl ether	73	2.747	2.747	0.000	97	171167	20.0	18.7	
30 trans-1,2-Dichloroethene	96	2.764	2.764	0.000	91	64614	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.854	2.854	0.000	93	176519	200.0	210.6	
32 Hexane	43	2.928	2.928	0.000	93	23266	20.0	24.0	
34 Isopropyl ether	45	3.159	3.159	0.000	95	171687	20.0	23.2	
33 1,1-Dichloroethane	63	3.167	3.167	0.000	100	106565	20.0	21.5	
36 Vinyl acetate	86	3.200	3.200	0.000	99	16274	40.0	45.6	
35 2-Chloro-1,3-butadiene	88	3.216	3.216	0.000	80	57185	20.0	20.7	
38 Tert-butyl ethyl ether	59	3.488	3.488	0.000	89	176088	20.0	20.1	
* 158 2-Butanone-d5	46	3.702	3.702	0.000	91	189970	250.0	250.0	
39 2,2-Dichloropropane	41	3.702	3.702	0.000	66	43842	20.0	19.3	
40 cis-1,2-Dichloroethene	96	3.727	3.727	0.000	96	70223	20.0	19.3	
41 2-Butanone (MEK)	72	3.751	3.751	0.000	86	22389	100.0	86.7	
42 Ethyl acetate	70	3.793	3.793	0.000	71	7256	40.0	36.9	M
43 Methyl acrylate	55	3.825	3.825	0.000	99	37881	20.0	19.4	
44 Propionitrile	54	3.900	3.900	0.000	96	51037	200.0	235.2	
46 Tetrahydrofuran	72	3.965	3.965	0.000	68	12022	40.0	37.1	
45 Chlorobromomethane	128	3.974	3.974	0.000	78	38941	20.0	20.0	
47 Methacrylonitrile	67	4.007	4.007	0.000	89	217284	200.0	206.3	
48 Chloroform	83	4.056	4.056	0.000	98	105700	20.0	19.5	
49 Cyclohexane	84	4.155	4.155	0.000	89	54918	20.0	18.2	
50 1,1,1-Trichloroethane	97	4.171	4.171	0.000	96	86998	20.0	17.1	
$ 51 Dibromofluoromethane (Surr	113	4.220	4.220	0.000	92	133452	50.0	51.0	
52 Carbon tetrachloride	117	4.311	4.311	0.000	96	73354	20.0	17.8	
53 1,1-Dichloropropene	75	4.344	4.344	0.000	96	70589	20.0	19.0	
54 Isooctane	57	4.541	4.541	0.000	93	70902	20.0	20.3	
55 Benzene	78	4.558	4.558	0.000	96	226984	20.0	20.7	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.599	4.599	0.000	96	131973	50.0	49.4	
56 Isobutyl alcohol	43	4.624	4.624	0.000	64	27029	500.0	501.6	M
58 Tert-amyl methyl ether	73	4.673	4.673	0.000	93	187579	20.0	19.5	
60 1,2-Dichloroethane	62	4.681	4.681	0.000	96	71829	20.0	16.9	
59 Isopropyl acetate	87	4.690	4.690	0.000	94	56638	20.0	18.7	
61 n-Heptane	57	4.780	4.780	0.000	84	12289	20.0	17.0	
* 62 Fluorobenzene	96	4.904	4.904	0.000	100	515252	50.0	50.0	
64 Trichloroethene	95	5.315	5.315	0.000	94	55336	20.0	19.0	
65 n-Butanol	56	5.422	5.422	0.000	42	6220	500.0	498.4	M
66 Methylcyclohexane	83	5.447	5.447	0.000	94	46514	20.0	19.0	
67 Ethyl acrylate	55	5.521	5.521	0.000	98	54168	20.0	20.0	
68 1,2-Dichloropropane	63	5.661	5.661	0.000	93	55161	20.0	22.0	
* 69 1,4-Dioxane-d8	96	5.743	5.743	0.000	85	19554	1000.0	1000.0	
71 1,4-Dioxane	88	5.801	5.801	0.000	24	5271	400.0	423.3	
72 Methyl methacrylate	100	5.809	5.809	0.000	84	30764	40.0	36.2	
70 Dibromomethane	93	5.809	5.809	0.000	69	36405	20.0	18.2	
73 n-Propyl acetate	43	5.891	5.891	0.000	97	61640	20.0	22.4	
74 Dichlorobromomethane	83	6.023	6.023	0.000	97	71278	20.0	18.8	
75 2-Nitropropane	41	6.426	6.426	0.000	95	23212	40.0	38.4	
76 2-Chloroethyl vinyl ether	63	6.467	6.467	0.000	93	33758	20.0	21.7	
77 Epichlorohydrin	57	6.574	6.574	0.000	97	76000	400.0	374.2	
78 cis-1,3-Dichloropropene	75	6.624	6.624	0.000	90	89455	20.0	20.5	
79 4-Methyl-2-pentanone (MIBK	43	6.846	6.846	0.000	97	228968	100.0	105.2	
$ 80 Toluene-d8 (Surr)	98	6.887	6.887	0.000	98	461998	50.0	51.3	
81 Toluene	91	6.969	6.969	0.000	94	226036	20.0	19.5	
82 trans-1,3-Dichloropropene	75	7.381	7.381	0.000	95	76943	20.0	19.6	
83 Ethyl methacrylate	69	7.430	7.430	0.000	86	69534	20.0	21.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,1,2-Trichloroethane	83	7.570	7.570	0.000	93	42534	20.0	20.0	
85 Tetrachloroethene	166	7.578	7.578	0.000	93	58491	20.0	18.6	
86 1,3-Dichloropropane	76	7.751	7.751	0.000	91	88043	20.0	20.4	
87 2-Hexanone	43	7.842	7.842	0.000	94	136379	100.0	108.7	
88 Chlorodibromomethane	129	7.949	7.949	0.000	97	64799	20.0	19.3	
89 n-Butyl acetate	73	7.957	7.957	0.000	89	9755	20.0	18.9	
90 Ethylene Dibromide	107	8.064	8.064	0.000	98	54200	20.0	18.1	
* 91 Chlorobenzene-d5	117	8.508	8.508	0.000	83	458495	50.0	50.0	
92 Chlorobenzene	112	8.541	8.541	0.000	97	162975	20.0	18.8	
93 Ethylbenzene	106	8.623	8.623	0.000	98	82164	20.0	19.1	
94 1,1,1,2-Tetrachloroethane	131	8.640	8.640	0.000	95	62047	20.0	17.9	
95 m-Xylene & p-Xylene	106	8.747	8.747	0.000	95	99556	20.0	18.4	
96 o-Xylene	106	9.117	9.117	0.000	96	108892	20.0	19.6	
97 n-Butyl acrylate	73	9.134	9.134	0.000	97	46377	20.0	20.3	
98 Styrene	104	9.150	9.150	0.000	99	174218	20.0	18.8	
100 Amyl acetate (mixed isomer	43	9.339	9.339	0.000	92	103543	20.0	24.6	
99 Bromoform	173	9.339	9.339	0.000	67	46731	20.0	19.6	
101 Isopropylbenzene	105	9.446	9.446	0.000	94	211873	20.0	18.8	
$ 102 4-Bromofluorobenzene	174	9.627	9.627	0.000	95	200459	50.0	51.2	
104 Bromobenzene	156	9.734	9.734	0.000	90	81078	20.0	18.7	
105 1,1,2,2-Tetrachloroethane	83	9.800	9.800	0.000	98	73203	20.0	20.1	
106 N-Propylbenzene	91	9.800	9.800	0.000	100	220687	20.0	18.8	
107 1,2,3-Trichloropropane	110	9.833	9.833	0.000	96	22904	20.0	18.7	
108 trans-1,4-Dichloro-2-buten	53	9.850	9.850	0.000	79	17514	20.0	20.0	
109 2-Chlorotoluene	91	9.899	9.899	0.000	97	171766	20.0	18.5	
110 4-Ethyltoluene	105	9.907	9.907	0.000	97	200484	20.0	17.9	
111 1,3,5-Trimethylbenzene	105	9.965	9.965	0.000	94	165012	20.0	17.5	
112 4-Chlorotoluene	91	9.998	9.998	0.000	96	165596	20.0	19.1	
113 Butyl Methacrylate	87	10.055	10.055	0.000	87	82281	20.0	19.6	
114 tert-Butylbenzene	119	10.220	10.220	0.000	96	123333	20.0	17.0	
115 1,2,4-Trimethylbenzene	105	10.278	10.278	0.000	96	177258	20.0	17.4	
116 sec-Butylbenzene	105	10.401	10.401	0.000	99	170596	20.0	18.1	
118 4-Isopropyltoluene	119	10.524	10.524	0.000	98	154511	20.0	17.7	
117 1,3-Dichlorobenzene	146	10.524	10.524	0.000	97	120707	20.0	17.8	
* 119 1,4-Dichlorobenzene-d4	152	10.590	10.590	0.000	93	288584	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.607	10.607	0.000	96	125366	20.0	17.5	
121 Benzyl chloride	91	10.730	10.730	0.000	99	150717	20.0	20.8	
122 2,3-Dihydroindene	117	10.780	10.780	0.000	94	229472	20.0	18.3	
123 p-Diethylbenzene	119	10.829	10.829	0.000	95	93075	20.0	17.6	
124 n-Butylbenzene	91	10.845	10.845	0.000	97	154550	20.0	19.2	
125 1,2-Dichlorobenzene	146	10.911	10.911	0.000	99	126549	20.0	17.7	
126 1,2,4,5-Tetramethylbenzene	119	11.446	11.446	0.000	98	162581	20.0	17.1	
127 1,2-Dibromo-3-Chloropropan	75	11.537	11.537	0.000	85	10184	20.0	15.1	
128 1,3,5-Trichlorobenzene	180	11.644	11.644	0.000	95	81763	20.0	17.9	
130 1,2,4-Trichlorobenzene	180	12.129	12.129	0.000	92	80097	20.0	18.4	
131 Hexachlorobutadiene	225	12.212	12.212	0.000	97	34210	20.0	20.0	
132 Naphthalene	128	12.335	12.335	0.000	99	198960	20.0	17.0	
133 1,2,3-Trichlorobenzene	180	12.532	12.532	0.000	95	73502	20.0	18.3	
S 134 1,2-Dichloroethene, Total	100				0		40.0	38.7	
S 135 Xylenes, Total	100				0		40.0	38.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260SURR250_00096	Amount Added:	1.00	Units: uL	
ACROLEIN W_00044	Amount Added:	4.00	Units: uL	
GASES Li_00126	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	20.00	Units: uL	
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

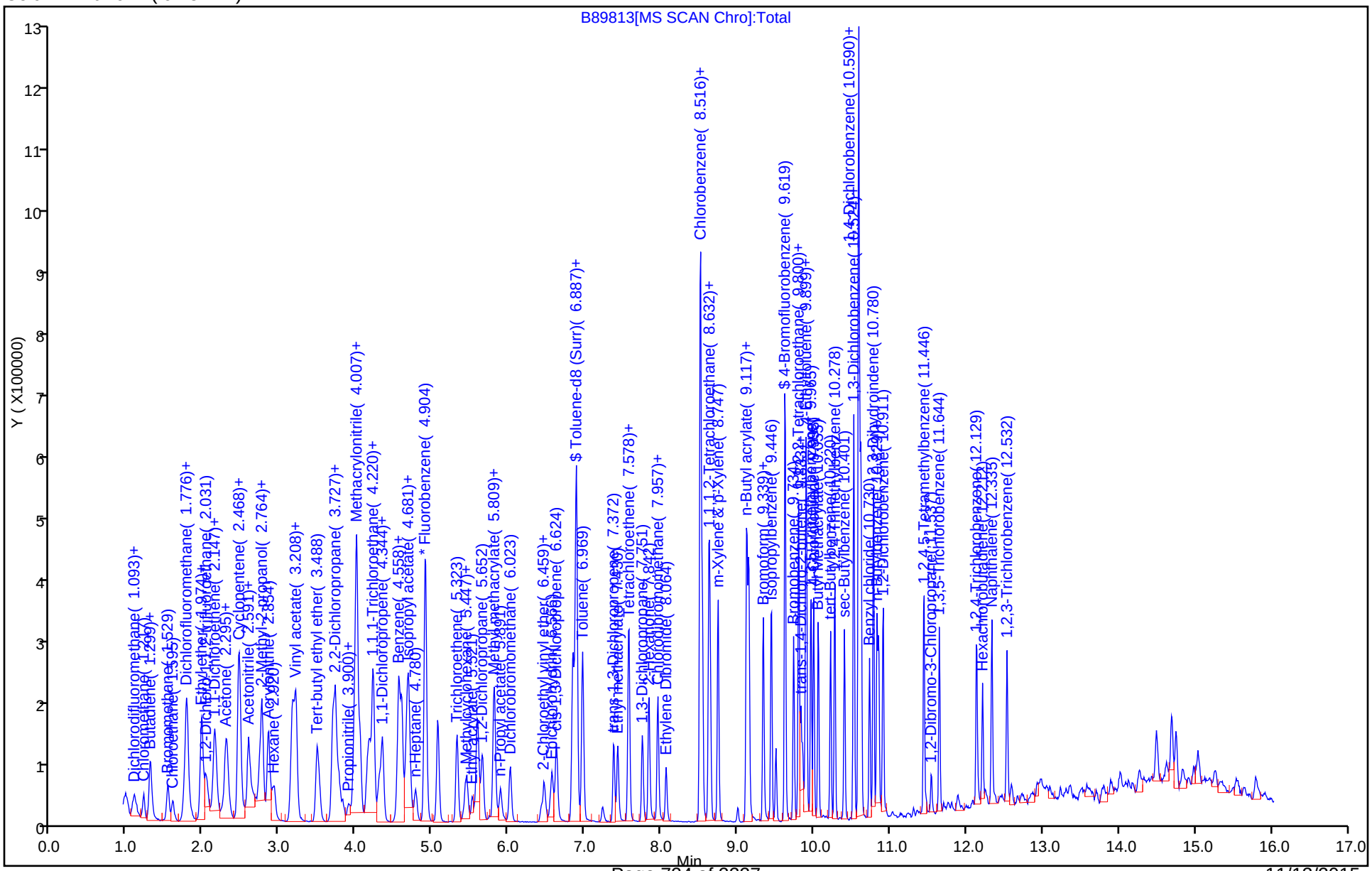
Report Date: 11-Nov-2015 15:44:58 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\B89813.D

Injection Date:	10-Nov-2015 21:39:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334455/3 Calibration Date: 11/10/2015 20:40

Instrument ID: CVOAMS3 Calib Start Date: 10/29/2015 09:22

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/29/2015 13:14

Lab File ID: C05506.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	QuaF	0.0219	0.0069		63.0	20.0	214.9*	20.0
Dichlorodifluoromethane	Ave	0.4975	0.4030	0.1000	16.2	20.0	-19.0	20.0
Chloromethane	Ave	0.5348	0.3663	0.1000	13.7	20.0	-31.5*	20.0
Vinyl chloride	Ave	0.5956	0.4987	0.1000	16.7	20.0	-16.3	20.0
Butadiene	Ave	0.5240	0.4684		17.9	20.0	-10.6	20.0
Bromomethane	QuaF	0.1460	0.0857*	0.1000	19.9	20.0	-0.3	50.0
Chloroethane	Ave	0.3134	0.3432	0.1000	21.9	20.0	9.5	50.0
Dichlorofluoromethane	Ave	0.8482	0.7805		18.4	20.0	-8.0	20.0
Trichlorofluoromethane	QuaF	0.5506	0.6448	0.1000	23.4	20.0	17.2	20.0
Pentane	Ave	0.0894	0.1018		45.6	40.0	13.9	20.0
Ethanol	QuaF	0.0913	0.0756		763	800	-4.6	50.0
Ethyl ether	Ave	0.3886	0.3704		19.1	20.0	-4.7	20.0
2-Methyl-1,3-butadiene	Ave	0.4074	0.4149		20.4	20.0	1.8	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3355	0.4272		25.5	20.0	27.3*	20.0
Freon TF	Ave	0.3938	0.4832	0.1000	24.5	20.0	22.7*	20.0
Acrolein	Ave	0.1238	0.1172		37.9	40.0	-5.3	50.0
1,1-Dichloroethene	Ave	0.4364	0.4670	0.1000	21.4	20.0	7.0	20.0
Acetone	Ave	1.166	0.9133	0.0500	78.3	100	-21.7	50.0
Iodomethane	QuaF	0.1422	0.2394		26.8	20.0	34.1*	20.0
Isopropyl alcohol	Ave	0.9431	0.7858		167	200	-16.7	50.0
Carbon disulfide	Ave	1.375	1.431	0.1000	20.8	20.0	4.1	50.0
Allyl chloride	Ave	0.2196	0.2345		21.4	20.0	6.8	20.0
Methyl acetate	Ave	0.4768	0.3866	0.1000	81.1	100	-18.9	20.0
Cyclopentene	Ave	1.125	1.199		21.3	20.0	6.6	20.0
Acetonitrile	Ave	0.0903	0.0714		158	200	-20.9*	20.0
Methylene Chloride	Ave	0.4946	0.4826	0.1000	19.5	20.0	-2.4	20.0
2-Methyl-2-propanol	Ave	1.422	1.283		180	200	-9.8	50.0
MTBE	Ave	1.315	1.288	0.1000	19.6	20.0	-2.1	20.0
trans-1,2-Dichloroethene	Ave	0.4793	0.5142	0.1000	21.5	20.0	7.3	20.0
Acrylonitrile	Ave	0.2101	0.1974		188	200	-6.0	20.0
Hexane	Ave	0.4606	0.4534		19.7	20.0	-1.6	20.0
Isopropyl ether	Ave	1.511	1.433		19.0	20.0	-5.1	20.0
1,1-Dichloroethane	Ave	0.8663	0.8797	0.2000	20.3	20.0	1.5	20.0
Vinyl acetate	Ave	0.7031	0.7182		40.9	40.0	2.1	20.0
2-Chloro-1,3-butadiene	Ave	0.4499	0.4886		21.7	20.0	8.6	20.0
Tert-butyl ethyl ether	Ave	1.410	1.301		18.5	20.0	-7.7	20.0
2,2-Dichloropropane	QuaF	0.2139	0.2159		20.5	20.0	2.5	20.0
cis-1,2-Dichloroethene	Ave	0.5428	0.5753	0.1000	21.2	20.0	6.0	20.0
2-Butanone	Ave	0.4795	0.4808	0.0500	100	100	0.3	50.0
Ethyl acetate	Ave	0.3461	0.3182		36.8	40.0	-8.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334455/3 Calibration Date: 11/10/2015 20:40

Instrument ID: CVOAMS3 Calib Start Date: 10/29/2015 09:22

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/29/2015 13:14

Lab File ID: C05506.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl acrylate	Ave	0.5229	0.4477		17.1	20.0	-14.4	20.0
Propionitrile	Ave	0.0833	0.0752		180	200	-9.8	20.0
Tetrahydrofuran	Ave	0.5396	0.5146		38.1	40.0	-4.6	20.0
Bromochloromethane	Ave	0.2327	0.2270		19.5	20.0	-2.5	20.0
Methacrylonitrile	Ave	0.2369	0.2317		196	200	-2.2	20.0
Chloroform	Ave	0.7833	0.8017	0.2000	20.5	20.0	2.3	20.0
Cyclohexane	Ave	0.7730	0.8314	0.1000	21.5	20.0	7.6	50.0
1,1,1-Trichloroethane	Ave	0.6742	0.7153	0.1000	21.2	20.0	6.1	20.0
Carbon tetrachloride	Ave	0.5968	0.6470	0.1000	21.7	20.0	8.4	20.0
1,1-Dichloropropene	Ave	0.6477	0.6692		20.7	20.0	3.3	20.0
Isobutyl alcohol	Ave	0.8943	0.8295		464	500	-7.2	50.0
2,2,4-Trimethylpentane	Ave	1.552	1.671		21.5	20.0	7.7	20.0
Benzene	Ave	2.323	2.046	0.5000	17.6	20.0	-11.9	20.0
Isopropyl acetate	Ave	1.398	1.191		17.0	20.0	-14.8	20.0
Tert-amyl methyl ether	Ave	1.364	1.310		19.2	20.0	-4.0	20.0
1,2-Dichloroethane	Ave	0.5590	0.5250	0.1000	18.8	20.0	-6.1	20.0
n-Heptane	Ave	0.3585	0.3740		20.9	20.0	4.3	20.0
n-Butanol	Ave	0.3943	0.3721		472	500	-5.7	50.0
Trichloroethene	Ave	0.4882	0.5034	0.2000	20.6	20.0	3.1	20.0
Methylcyclohexane	Ave	0.7788	0.8762	0.1000	22.5	20.0	12.5	50.0
Ethyl acrylate	Ave	1.281	1.257		19.6	20.0	-1.9	20.0
1,2-Dichloropropane	Ave	0.4904	0.4979	0.1000	20.3	20.0	1.5	20.0
Methyl methacrylate	Ave	0.1486	0.1526		41.1	40.0	2.7	20.0
1,4-Dioxane	Ave	1.517	1.466		387	400	-3.4	50.0
Dibromomethane	Ave	0.2781	0.3019		21.7	20.0	8.6	20.0
n-Propyl acetate	Ave	0.7877	0.6705		17.0	20.0	-14.9	20.0
Bromodichloromethane	Ave	0.6076	0.5934	0.2000	19.5	20.0	-2.3	20.0
2-Nitropropane	Ave	0.1337	0.0972		29.1	40.0	-27.3*	20.0
2-Chloroethyl vinyl ether	Ave	0.3002	0.2435		16.2	20.0	-18.9	20.0
Epichlorohydrin	Ave	0.2874	0.3107		432	400	8.1	20.0
cis-1,3-Dichloropropene	Ave	0.9861	0.8046	0.2000	16.3	20.0	-18.4	50.0
4-Methyl-2-pentanone	Ave	3.316	3.182	0.0500	96.0	100	-4.0	50.0
Toluene	Ave	2.420	2.179	0.4000	18.0	20.0	-9.9	20.0
trans-1,3-Dichloropropene	Ave	0.8668	0.6888	0.1000	15.9	20.0	-20.5	50.0
Ethyl methacrylate	Ave	0.6577	0.6250		19.0	20.0	-5.0	20.0
1,1,2-Trichloroethane	Ave	0.4711	0.3915	0.1000	16.6	20.0	-16.9	20.0
Tetrachloroethene	Ave	0.7057	0.7213	0.2000	20.4	20.0	2.2	20.0
1,3-Dichloropropane	Ave	0.9271	0.7848		16.9	20.0	-15.4	20.0
2-Hexanone	Ave	2.407	2.220	0.0500	92.2	100	-7.8	50.0
n-Butyl acetate	Ave	0.1483	0.1069		14.4	20.0	-27.9*	20.0
Dibromochloromethane	Ave	0.6208	0.5648	0.1000	18.2	20.0	-9.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334455/3 Calibration Date: 11/10/2015 20:40

Instrument ID: CVOAMS3 Calib Start Date: 10/29/2015 09:22

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/29/2015 13:14

Lab File ID: C05506.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromoethane	Ave	0.5922	0.5209	0.1000	17.6	20.0	-12.0	20.0
Chlorobenzene	Ave	1.618	1.472	0.5000	18.2	20.0	-9.0	20.0
Ethylbenzene	Ave	0.9009	0.8084	0.1000	17.9	20.0	-10.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.6031	0.5425		18.0	20.0	-10.0	20.0
m-Xylene & p-Xylene	Ave	1.095	0.996	0.1000	18.2	20.0	-9.0	20.0
n-Butyl acrylate	Ave	0.4938	0.3835		15.5	20.0	-22.3*	20.0
o-Xylene	Ave	1.053	0.9796	0.3000	18.6	20.0	-6.9	20.0
Styrene	Ave	1.737	1.590	0.3000	18.3	20.0	-8.5	20.0
Amyl acetate (mixed isomers)	Ave	2.056	1.393		13.5	20.0	-32.3*	20.0
Bromoform	Ave	0.4724	0.4135	0.1000	17.5	20.0	-12.5	20.0
Isopropylbenzene	Ave	2.524	2.405	0.1000	19.1	20.0	-4.7	20.0
Bromobenzene	Ave	1.392	1.254		18.0	20.0	-9.9	20.0
1,1,2,2-Tetrachloroethane	Ave	1.318	1.062	0.3000	16.1	20.0	-19.4	20.0
N-Propylbenzene	Ave	5.464	4.908		18.0	20.0	-10.2	20.0
1,2,3-Trichloropropane	Ave	0.4094	0.3390		16.6	20.0	-17.2	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3858	0.2137		11.1	20.0	-44.6*	20.0
4-Ethyltoluene	Ave	4.774	4.274		17.9	20.0	-10.5	20.0
2-Chlorotoluene	Ave	3.707	3.156		17.0	20.0	-14.9	20.0
1,3,5-Trimethylbenzene	Ave	3.841	3.461		18.0	20.0	-9.9	20.0
4-Chlorotoluene	Ave	3.394	2.925		17.2	20.0	-13.8	20.0
Butyl Methacrylate	Ave	1.462	1.151		15.7	20.0	-21.3*	20.0
tert-Butylbenzene	Ave	3.419	3.068		17.9	20.0	-10.3	20.0
1,2,4-Trimethylbenzene	Ave	3.919	3.462		17.7	20.0	-11.7	20.0
sec-Butylbenzene	Ave	4.803	4.429		18.4	20.0	-7.8	20.0
4-Isopropyltoluene	Ave	4.174	3.960		19.0	20.0	-5.1	20.0
1,3-Dichlorobenzene	Ave	2.415	2.279	0.6000	18.9	20.0	-5.6	20.0
1,4-Dichlorobenzene	Ave	2.459	2.253	0.5000	18.3	20.0	-8.4	20.0
Benzyl chloride	Ave	2.727	2.102		15.4	20.0	-22.9	50.0
Indan	Ave	1.802	2.005		22.3	20.0	11.3	20.0
p-Diethylbenzene	Ave	2.547	2.321		18.2	20.0	-8.9	20.0
n-Butylbenzene	Ave	4.289	3.936		18.4	20.0	-8.2	20.0
1,2-Dichlorobenzene	Ave	2.210	2.050	0.4000	18.5	20.0	-7.3	20.0
1,2,4,5-Tetramethylbenzene	Ave	3.848	3.304		17.2	20.0	-14.1	20.0
1,2-Dibromo-3-Chloropropane	QuaF	0.2641	0.1738	0.0500	14.9	20.0	-25.4	50.0
1,3,5-Trichlorobenzene	Ave	1.817	1.740		19.2	20.0	-4.2	20.0
1,2,4-Trichlorobenzene	Ave	1.549	1.389	0.2000	17.9	20.0	-10.3	20.0
Hexachlorobutadiene	Ave	0.7675	0.8007		20.9	20.0	4.3	20.0
Naphthalene	Ave	3.522	3.069		17.4	20.0	-12.8	50.0
1,2,3-Trichlorobenzene	Ave	1.285	1.165		18.1	20.0	-9.3	20.0
Dibromofluoromethane (Surr)	Ave	0.2820	0.2832		50.2	50.0	0.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2924	0.2498		42.7	50.0	-14.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334455/3 Calibration Date: 11/10/2015 20:40

Instrument ID: CVOAMS3 Calib Start Date: 10/29/2015 09:22

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/29/2015 13:14

Lab File ID: C05506.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toluene-d8 (Surr)	Ave	1.402	1.151		41.0	50.0	-17.9	20.0
Bromofluorobenzene	Ave	0.9487	0.8879		46.8	50.0	-6.4	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS3\20151110-34067.b\C05506.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 10-Nov-2015 20:40:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0034067-003
Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3
Sublist: chrom-8260W_3*sub33

Method: \\ChromNA\Edison\ChromData\CVOAMS3\20151110-34067.b\8260W_3.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 08:08:10 Calib Date: 29-Oct-2015 13:14:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\C05033.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK027

First Level Reviewer: desais Date: 11-Nov-2015 08:03:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.459	1.459	0.000	35	1114	20.0	63.0	
2 Dichlorodifluoromethane	85	1.495	1.495	0.000	98	64723	20.0	16.2	
3 Chloromethane	50	1.702	1.702	0.000	99	58830	20.0	13.7	
4 Vinyl chloride	62	1.766	1.766	0.000	98	80085	20.0	16.7	
5 Butadiene	54	1.788	1.788	0.000	90	75221	20.0	17.9	
6 Bromomethane	94	2.038	2.038	0.000	95	13759	20.0	19.9	
7 Chloroethane	64	2.145	2.145	0.000	97	55115	20.0	21.9	
8 Dichlorofluoromethane	67	2.317	2.317	0.000	99	125337	20.0	18.4	
9 Trichlorofluoromethane	101	2.331	2.331	0.000	97	103543	20.0	23.4	
10 Pentane	72	2.367	2.367	0.000	97	32700	40.0	45.6	
11 Ethanol	46	2.517	2.517	0.000	98	19505	800.0	763.2	
12 Ethyl ether	59	2.567	2.567	0.000	95	59483	20.0	19.1	
13 2-Methyl-1,3-butadiene	53	2.582	2.582	0.000	92	66624	20.0	20.4	
14 1,2-Dichloro-1,1,2-trifluo	117	2.617	2.617	0.000	84	68601	20.0	25.5	
15 1,1,2-Trichloro-1,2,2-trif	101	2.739	2.739	0.000	96	77590	20.0	24.5	
16 Acrolein	56	2.746	2.746	0.000	58	37638	40.0	37.9	
17 1,1-Dichloroethene	96	2.782	2.782	0.000	94	74988	20.0	21.4	
18 Acetone	43	2.875	2.875	0.000	89	100537	100.0	78.3	
20 Iodomethane	142	2.939	2.939	0.000	95	38450	20.0	26.8	
19 Isopropyl alcohol	45	2.953	2.953	0.000	100	50667	200.0	166.6	
21 Carbon disulfide	76	2.975	2.975	0.000	99	229793	20.0	20.8	
22 3-Chloro-1-propene	76	3.118	3.118	0.000	88	37656	20.0	21.4	
24 Methyl acetate	43	3.125	3.125	0.000	99	310435	100.0	81.1	
23 Cyclopentene	67	3.132	3.132	0.000	92	192559	20.0	21.3	
25 Acetonitrile	41	3.189	3.189	0.000	99	114666	200.0	158.2	
* 26 TBA-d9 (IS)	65	3.225	3.225	0.000	85	322395	1000.0	1000.0	
27 Methylene Chloride	84	3.254	3.254	0.000	88	77497	20.0	19.5	
28 2-Methyl-2-propanol	59	3.304	3.304	0.000	98	82707	200.0	180.4	
29 Methyl tert-butyl ether	73	3.411	3.411	0.000	97	206794	20.0	19.6	
30 trans-1,2-Dichloroethene	96	3.447	3.447	0.000	90	82571	20.0	21.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.540	3.540	0.000	97	316976	200.0	187.9	
32 Hexane	43	3.611	3.611	0.000	91	72805	20.0	19.7	
34 Isopropyl ether	45	3.847	3.847	0.000	97	230194	20.0	19.0	
35 1,1-Dichloroethane	63	3.883	3.883	0.000	99	141267	20.0	20.3	
33 Vinyl acetate	43	3.897	3.897	0.000	99	230680	40.0	40.9	
36 2-Chloro-1,3-butadiene	88	3.933	3.933	0.000	85	78472	20.0	21.7	
37 Tert-butyl ethyl ether	59	4.190	4.190	0.000	90	208901	20.0	18.5	
* 38 2-Butanone-d5	46	4.419	4.419	0.000	98	275201	250.0	250.0	
39 2,2-Dichloropropane	79	4.434	4.434	0.000	92	34669	20.0	20.5	
40 cis-1,2-Dichloroethene	96	4.462	4.462	0.000	99	92389	20.0	21.2	
41 2-Butanone (MEK)	72	4.484	4.484	0.000	98	52928	100.0	100.3	
42 Ethyl acetate	70	4.491	4.491	0.000	99	14010	40.0	36.8	
43 Methyl acrylate	55	4.548	4.548	0.000	100	71902	20.0	17.1	
44 Propionitrile	54	4.641	4.641	0.000	99	120691	200.0	180.4	
45 Tetrahydrofuran	72	4.712	4.712	0.000	81	22657	40.0	38.1	
46 Chlorobromomethane	128	4.727	4.727	0.000	79	36446	20.0	19.5	
47 Methacrylonitrile	67	4.748	4.748	0.000	89	372114	200.0	195.6	
48 Chloroform	83	4.777	4.777	0.000	99	128745	20.0	20.5	
49 Cyclohexane	56	4.913	4.913	0.000	86	133522	20.0	21.5	
50 1,1,1-Trichloroethane	97	4.934	4.934	0.000	97	114869	20.0	21.2	
$ 51 Dibromofluoromethane (Surr	113	4.955	4.955	0.000	93	113693	50.0	50.2	
52 Carbon tetrachloride	117	5.063	5.063	0.000	95	103910	20.0	21.7	
53 1,1-Dichloropropene	75	5.106	5.106	0.000	97	107461	20.0	20.7	
54 Isobutyl alcohol	43	5.263	5.263	0.000	89	133716	500.0	463.8	
133 Isooctane	57	5.299	5.299	0.000	97	268358	20.0	21.5	
55 Benzene	78	5.334	5.334	0.000	94	314436	20.0	17.6	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.363	5.363	0.000	94	100284	50.0	42.7	
58 Tert-amyl methyl ether	73	5.413	5.413	0.000	78	210370	20.0	19.2	
59 Isopropyl acetate	43	5.413	5.413	0.000	93	191286	20.0	17.0	
60 1,2-Dichloroethane	62	5.442	5.442	0.000	96	84305	20.0	18.8	
57 n-Heptane	57	5.513	5.513	0.000	90	60059	20.0	20.9	
* 61 Fluorobenzene	96	5.671	5.671	0.000	99	401481	50.0	50.0	
62 n-Butanol	56	6.035	6.035	0.000	84	59974	500.0	471.7	
63 Trichloroethene	95	6.078	6.078	0.000	94	80844	20.0	20.6	
64 Methylcyclohexane	83	6.214	6.214	0.000	95	140712	20.0	22.5	
65 Ethyl acrylate	55	6.228	6.228	0.000	97	201815	20.0	19.6	
66 1,2-Dichloropropane	63	6.393	6.393	0.000	96	79965	20.0	20.3	
* 67 1,4-Dioxane-d8	96	6.450	6.450	0.000	94	42825	1000.0	1000.0	
68 Methyl methacrylate	100	6.486	6.486	0.000	86	49020	40.0	41.1	
69 1,4-Dioxane	88	6.507	6.507	0.000	86	25119	400.0	386.6	
70 Dibromomethane	93	6.529	6.529	0.000	90	48481	20.0	21.7	
71 n-Propyl acetate	43	6.550	6.550	0.000	97	107682	20.0	17.0	
72 Dichlorobromomethane	83	6.679	6.679	0.000	98	95293	20.0	19.5	
73 2-Nitropropane	41	7.000	7.000	0.000	81	31223	40.0	29.1	
74 2-Chloroethyl vinyl ether	63	7.008	7.008	0.000	72	39098	20.0	16.2	
75 Epichlorohydrin	57	7.101	7.101	0.000	98	136809	400.0	432.5	
76 cis-1,3-Dichloropropene	75	7.143	7.143	0.000	87	123622	20.0	16.3	
77 4-Methyl-2-pentanone (MIBK	43	7.286	7.286	0.000	94	350287	100.0	96.0	
$ 78 Toluene-d8 (Surr)	98	7.351	7.351	0.000	99	442118	50.0	41.0	
79 Toluene	91	7.415	7.415	0.000	93	334835	20.0	18.0	
80 trans-1,3-Dichloropropene	75	7.694	7.694	0.000	95	105833	20.0	15.9	
81 Ethyl methacrylate	69	7.715	7.715	0.000	88	100367	20.0	19.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 1,1,2-Trichloroethane	83	7.858	7.858	0.000	95	60151	20.0	16.6	
83 Tetrachloroethene	166	7.887	7.887	0.000	93	110836	20.0	20.4	
84 1,3-Dichloropropane	76	8.009	8.009	0.000	88	120579	20.0	16.9	
85 2-Hexanone	43	8.059	8.059	0.000	94	244373	100.0	92.2	
86 n-Butyl acetate	73	8.137	8.137	0.000	97	16429	20.0	14.4	
87 Chlorodibromomethane	129	8.173	8.173	0.000	98	86790	20.0	18.2	
88 Ethylene Dibromide	107	8.280	8.280	0.000	99	80041	20.0	17.6	
* 89 Chlorobenzene-d5	117	8.645	8.645	0.000	82	384132	50.0	50.0	
90 Chlorobenzene	112	8.666	8.666	0.000	98	226225	20.0	18.2	
91 Ethylbenzene	106	8.731	8.731	0.000	97	124206	20.0	17.9	
92 1,1,1,2-Tetrachloroethane	131	8.745	8.745	0.000	93	83352	20.0	18.0	
93 m-Xylene & p-Xylene	106	8.831	8.831	0.000	97	153068	20.0	18.2	
94 n-Butyl acrylate	73	9.124	9.124	0.000	98	58919	20.0	15.5	
95 o-Xylene	106	9.153	9.153	0.000	95	150511	20.0	18.6	
96 Styrene	104	9.174	9.174	0.000	98	244343	20.0	18.3	
97 Amyl acetate (mixed isomer	43	9.296	9.296	0.000	93	121270	20.0	13.5	
98 Bromoform	173	9.339	9.339	0.000	98	63536	20.0	17.5	
99 Isopropylbenzene	105	9.424	9.424	0.000	94	369458	20.0	19.1	
$ 100 4-Bromofluorobenzene	174	9.582	9.582	0.000	97	193301	50.0	46.8	
101 Bromobenzene	156	9.696	9.696	0.000	86	109202	20.0	18.0	
102 1,1,2,2-Tetrachloroethane	83	9.710	9.710	0.000	98	92486	20.0	16.1	
103 N-Propylbenzene	91	9.732	9.732	0.000	100	427342	20.0	18.0	
104 1,2,3-Trichloropropane	110	9.753	9.753	0.000	96	29521	20.0	16.6	
105 trans-1,4-Dichloro-2-buten	53	9.760	9.760	0.000	87	18610	20.0	11.1	
106 4-Ethyltoluene	105	9.818	9.818	0.000	99	372206	20.0	17.9	
107 2-Chlorotoluene	91	9.825	9.825	0.000	95	274827	20.0	17.0	
108 1,3,5-Trimethylbenzene	105	9.868	9.868	0.000	94	301403	20.0	18.0	
109 4-Chlorotoluene	91	9.911	9.911	0.000	95	254710	20.0	17.2	
110 Butyl Methacrylate	87	9.925	9.925	0.000	87	100231	20.0	15.7	
111 tert-Butylbenzene	119	10.096	10.096	0.000	97	267164	20.0	17.9	
112 1,2,4-Trimethylbenzene	105	10.147	10.147	0.000	96	301477	20.0	17.7	
113 sec-Butylbenzene	105	10.261	10.261	0.000	99	385698	20.0	18.4	
114 4-Isopropyltoluene	119	10.361	10.361	0.000	98	344815	20.0	19.0	
115 1,3-Dichlorobenzene	146	10.375	10.375	0.000	99	198418	20.0	18.9	
* 116 1,4-Dichlorobenzene-d4	152	10.425	10.425	0.000	91	217696	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.447	10.447	0.000	97	196155	20.0	18.3	
118 Benzyl chloride	91	10.554	10.554	0.000	100	183005	20.0	15.4	
119 2,3-Dihydroindene	117	10.604	10.604	0.000	93	321948	20.0	22.3	
120 p-Diethylbenzene	119	10.633	10.633	0.000	97	202079	20.0	18.2	
121 n-Butylbenzene	91	10.654	10.654	0.000	97	342715	20.0	18.4	
122 1,2-Dichlorobenzene	146	10.719	10.719	0.000	99	178499	20.0	18.5	
123 1,2,4,5-Tetramethylbenzene	119	11.190	11.190	0.000	98	287681	20.0	17.2	
124 1,2-Dibromo-3-Chloropropan	75	11.283	11.283	0.000	87	15136	20.0	14.9	
125 1,3,5-Trichlorobenzene	180	11.391	11.391	0.000	96	151516	20.0	19.2	
126 1,2,4-Trichlorobenzene	180	11.906	11.906	0.000	91	120963	20.0	17.9	
127 Hexachlorobutadiene	225	11.991	11.991	0.000	97	69719	20.0	20.9	
128 Naphthalene	128	12.141	12.141	0.000	99	267281	20.0	17.4	
129 1,2,3-Trichlorobenzene	180	12.363	12.363	0.000	96	101403	20.0	18.1	
S 130 1,2-Dichloroethene, Total	100				0		40.0	42.7	
S 165 1,3-Dichloropropene, Total	100				0		40.0	32.2	
S 131 Xylenes, Total	100				0		40.0	36.8	
S 132 Total BTEX	1				0		100.0	90.4	

Reagents:

GASES Li_00126	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	20.00	Units: uL	
ACROLEIN W_00044	Amount Added:	4.00	Units: uL	
8260ISSUR50_00019	Amount Added:	5.00	Units: uL	Run Reagent

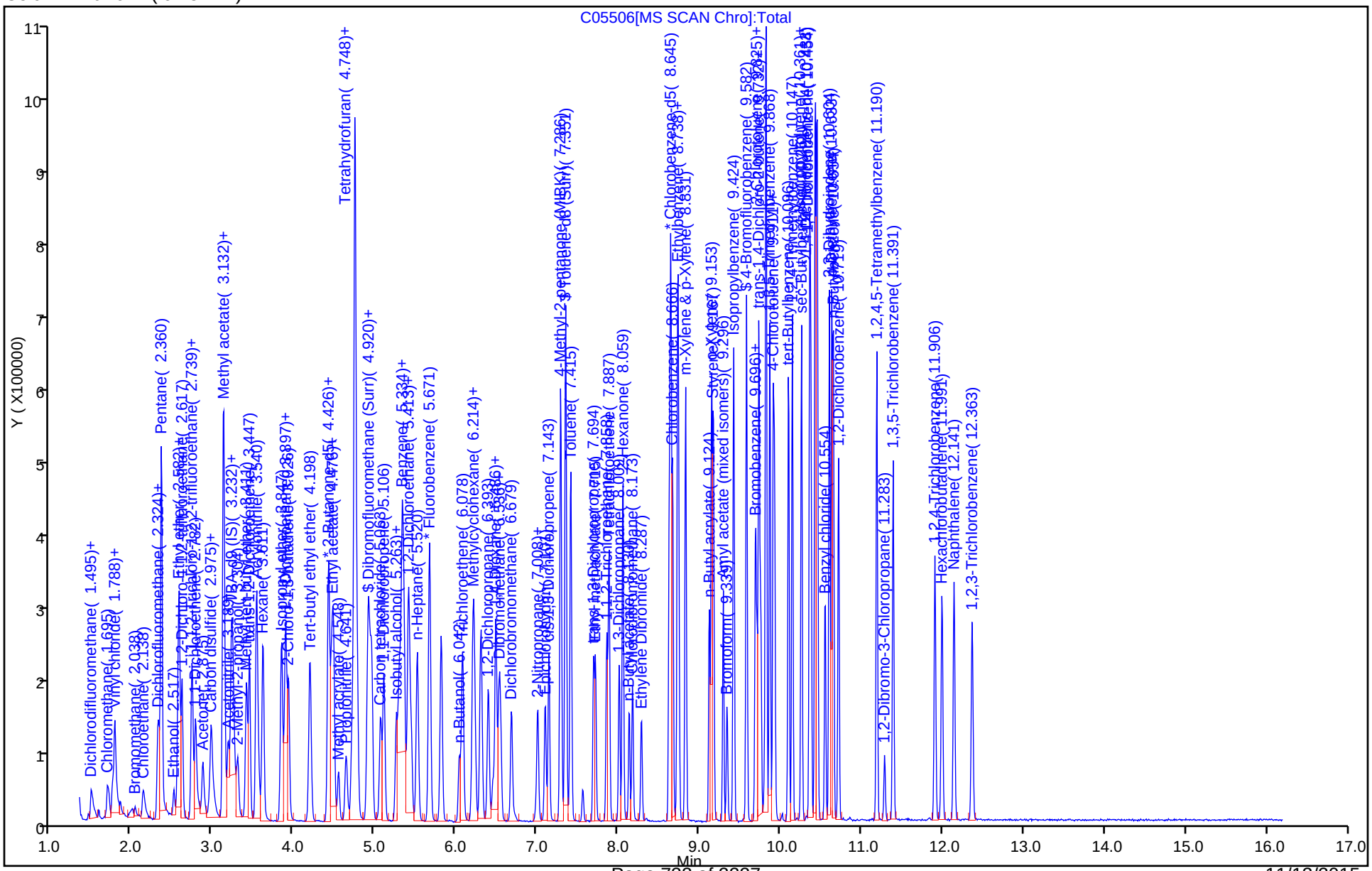
Report Date: 11-Nov-2015 08:08:11 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS3\20151110-34067.b\C05506.D

Injection Date:	10-Nov-2015 20:40:30	Instrument ID:	CVOAMS3	Operator ID:	VOA GC/MS3
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260W_3	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334208/2 Calibration Date: 11/10/2015 00:13

Instrument ID: CVOAMS4 Calib Start Date: 11/04/2015 22:25

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 11/05/2015 02:31

Lab File ID: D16315.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.2254	0.2406		21.3	20.0	6.7	20.0
Dichlorodifluoromethane	Ave	0.6115	0.6246	0.1000	20.4	20.0	2.1	20.0
Chloromethane	Ave	0.5577	0.5619	0.1000	20.1	20.0	0.7	20.0
Butadiene	Ave	0.4394	0.4515		20.6	20.0	2.8	20.0
Vinyl chloride	Ave	0.5467	0.5808	0.1000	21.2	20.0	6.2	20.0
Bromomethane	Ave	0.3704	0.3713	0.1000	20.0	20.0	0.2	50.0
Chloroethane	Ave	0.3258	0.3282	0.1000	20.1	20.0	0.7	50.0
Dichlorofluoromethane	Ave	0.8261	0.8874		21.5	20.0	7.4	20.0
Trichlorofluoromethane	Ave	0.6204	0.6671	0.1000	21.5	20.0	7.5	20.0
Pentane	Ave	0.0821	0.0894		43.5	40.0	8.8	20.0
Ethanol	Ave	0.0645	0.0659		817	800	2.2	50.0
Ethyl ether	Ave	0.3003	0.3041		20.3	20.0	1.3	20.0
2-Methyl-1,3-butadiene	Ave	0.3557	0.4045		22.7	20.0	13.7	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3214	0.3433		21.4	20.0	6.8	20.0
Acrolein	Ave	1.747	1.442		248	300	-17.5	50.0
Freon TF	Ave	0.4032	0.4417	0.1000	21.9	20.0	9.6	20.0
1,1-Dichloroethene	Ave	0.3687	0.3852	0.1000	20.9	20.0	4.5	20.0
Acetone	Lin2		0.998	0.0500	101	100	1.4	50.0
Iodomethane	Ave	0.7126	0.7478		21.0	20.0	4.9	20.0
Carbon disulfide	Ave	1.384	1.412	0.1000	20.4	20.0	2.0	50.0
Isopropyl alcohol	Ave	0.7357	0.7884		214	200	7.2	50.0
Allyl chloride	Ave	0.2158	0.2293		21.3	20.0	6.3	20.0
Cyclopentene	Ave	1.006	1.104		21.9	20.0	9.7	20.0
Methyl acetate	Ave	0.2931	0.3147	0.1000	107	100	7.4	20.0
Acetonitrile	Ave	1.427	1.525		214	200	6.9	20.0
Methylene Chloride	Ave	0.4564	0.4406	0.1000	19.3	20.0	-3.5	20.0
2-Methyl-2-propanol	Qua2		1.283		205	200	2.3	50.0
MTBE	Ave	1.004	1.030	0.1000	20.5	20.0	2.5	20.0
trans-1,2-Dichloroethene	Ave	0.4009	0.4084	0.1000	20.4	20.0	1.9	20.0
Acrylonitrile	Ave	3.961	3.888		196	200	-1.8	20.0
Hexane	Ave	0.5934	0.6509		21.9	20.0	9.7	20.0
Isopropyl ether	Ave	1.201	1.320		22.0	20.0	9.8	20.0
1,1-Dichloroethane	Ave	0.7367	0.7819	0.2000	21.2	20.0	6.1	20.0
Vinyl acetate	Ave	0.0517	0.0604		46.7	40.0	16.7	20.0
2-Chloro-1,3-butadiene	Ave	0.3355	0.3649		21.8	20.0	8.8	20.0
Tert-butyl ethyl ether	Ave	1.077	1.119		20.8	20.0	3.9	20.0
2,2-Dichloropropane	Ave	0.1823	0.2039		22.4	20.0	11.8	20.0
cis-1,2-Dichloroethene	Ave	0.4373	0.4436	0.1000	20.3	20.0	1.5	20.0
2-Butanone	Ave	0.4062	0.3630	0.0500	89.4	100	-10.6	50.0
Ethyl acetate	Ave	0.2469	0.2235		36.2	40.0	-9.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334208/2 Calibration Date: 11/10/2015 00:13

Instrument ID: CVOAMS4 Calib Start Date: 11/04/2015 22:25

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 11/05/2015 02:31

Lab File ID: D16315.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl acrylate	Ave	0.2836	0.2980		21.0	20.0	5.1	20.0
Propionitrile	Ave	0.0499	0.0513		205	200	2.6	20.0
Bromochloromethane	Ave	0.2052	0.2047		20.0	20.0	-0.2	20.0
Tetrahydrofuran	Ave	0.4332	0.3785		34.9	40.0	-12.6	20.0
Methacrylonitrile	Ave	0.1309	0.1350		206	200	3.1	20.0
Chloroform	Ave	0.6608	0.6933	0.2000	21.0	20.0	4.9	20.0
Cyclohexane	Ave	0.7257	0.8022	0.1000	22.1	20.0	10.5	50.0
1,1,1-Trichloroethane	Ave	0.5651	0.6145	0.1000	21.7	20.0	8.7	20.0
Carbon tetrachloride	Ave	0.5019	0.5609	0.1000	22.4	20.0	11.8	20.0
1,1-Dichloropropene	Ave	0.5222	0.5627		21.5	20.0	7.7	20.0
Isobutyl alcohol	Ave	0.8692	0.8931		514	500	2.8	50.0
2,2,4-Trimethylpentane	Ave	1.605	1.808		22.5	20.0	12.7	20.0
Benzene	Ave	1.893	1.855	0.5000	19.6	20.0	-2.0	20.0
Tert-amyl methyl ether	Ave	1.198	1.244		20.8	20.0	3.8	20.0
Isopropyl acetate	Ave	0.9448	1.015		21.5	20.0	7.4	20.0
1,2-Dichloroethane	Ave	0.4576	0.4692	0.1000	20.5	20.0	2.5	20.0
n-Heptane	Ave	0.3350	0.3830		22.9	20.0	14.3	20.0
n-Butanol	Ave	0.3361	0.3122		464	500	-7.1	50.0
Trichloroethene	Ave	0.3751	0.3830	0.2000	20.4	20.0	2.1	20.0
Methylcyclohexane	Ave	0.6949	0.7309	0.1000	21.0	20.0	5.2	50.0
Ethyl acrylate	Lin2		0.0271		20.2	20.0	1.2	20.0
1,2-Dichloropropane	Ave	0.3908	0.4055	0.1000	20.8	20.0	3.8	20.0
Methyl methacrylate	Ave	0.0785	0.0776		39.6	40.0	-1.1	20.0
1,4-Dioxane	Ave	1.594	1.496		375	400	-6.2	50.0
Dibromomethane	Ave	0.2290	0.2291		20.0	20.0	0.0	20.0
n-Propyl acetate	Ave	0.4366	0.4674		21.4	20.0	7.1	20.0
Bromodichloromethane	Ave	0.4547	0.4609	0.2000	20.3	20.0	1.4	20.0
2-Nitropropane	Ave	0.0655	0.0655		40.0	40.0	0.0	20.0
2-Chloroethyl vinyl ether	Ave	0.1894	0.1961		20.7	20.0	3.5	20.0
Epichlorohydrin	Ave	0.3066	0.2873		375	400	-6.3	20.0
cis-1,3-Dichloropropene	Ave	0.6963	0.7057	0.2000	20.3	20.0	1.3	50.0
4-Methyl-2-pentanone	Ave	3.022	2.944	0.0500	97.4	100	-2.6	50.0
Toluene	Ave	1.970	1.875	0.4000	19.0	20.0	-4.8	20.0
trans-1,3-Dichloropropene	Ave	0.5807	0.5711	0.1000	19.7	20.0	-1.7	50.0
Ethyl methacrylate	Ave	0.4060	0.4158		20.5	20.0	2.4	20.0
1,1,2-Trichloroethane	Ave	0.3277	0.3242	0.1000	19.8	20.0	-1.1	20.0
Tetrachloroethene	Ave	0.4918	0.5204	0.2000	21.2	20.0	5.8	20.0
1,3-Dichloropropane	Ave	0.6367	0.6315		19.8	20.0	-0.8	20.0
2-Hexanone	Ave	2.096	2.123	0.0500	101	100	1.3	50.0
n-Butyl acetate	Ave	0.0836	0.0826		19.8	20.0	-1.2	20.0
Dibromochloromethane	Ave	0.4217	0.4271	0.1000	20.3	20.0	1.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334208/2 Calibration Date: 11/10/2015 00:13

Instrument ID: CVOAMS4 Calib Start Date: 11/04/2015 22:25

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 11/05/2015 02:31

Lab File ID: D16315.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromoethane	Ave	0.3728	0.3620	0.1000	19.4	20.0	-2.9	20.0
Chlorobenzene	Ave	1.231	1.211	0.5000	19.7	20.0	-1.6	20.0
Ethylbenzene	Ave	0.6737	0.6723	0.1000	20.0	20.0	-0.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4499	0.4693		20.9	20.0	4.3	20.0
m-Xylene & p-Xylene	Ave	0.8213	0.8255	0.1000	20.1	20.0	0.5	20.0
n-Butyl acrylate	Ave	0.2932	0.2999		20.5	20.0	2.3	20.0
o-Xylene	Ave	0.8322	0.8395	0.3000	20.2	20.0	0.9	20.0
Styrene	Ave	1.277	1.270	0.3000	19.9	20.0	-0.5	20.0
Amyl acetate (mixed isomers)	Ave	1.303	1.379		21.2	20.0	5.8	20.0
Bromoform	Ave	0.2712	0.2885	0.1000	21.3	20.0	6.4	20.0
Isopropylbenzene	Ave	2.174	2.243	0.1000	20.6	20.0	3.1	20.0
Bromobenzene	Ave	0.9706	0.9923		20.4	20.0	2.2	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9613	0.9195	0.3000	19.1	20.0	-4.3	20.0
N-Propylbenzene	Ave	4.898	4.877		19.9	20.0	-0.4	20.0
1,2,3-Trichloropropane	Ave	0.2604	0.2515		19.3	20.0	-3.4	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2459	0.2551		20.7	20.0	3.7	20.0
4-Ethyltoluene	Ave	3.903	4.031		20.7	20.0	3.3	20.0
2-Chlorotoluene	Ave	3.260	3.232		19.8	20.0	-0.8	20.0
1,3,5-Trimethylbenzene	Ave	3.294	3.294		20.0	20.0	0.0	20.0
4-Chlorotoluene	Ave	2.831	2.774		19.6	20.0	-2.0	20.0
Butyl Methacrylate	Ave	1.031	1.047		20.3	20.0	1.6	20.0
tert-Butylbenzene	Ave	2.606	2.626		20.1	20.0	0.7	20.0
1,2,4-Trimethylbenzene	Ave	3.404	3.425		20.1	20.0	0.6	20.0
sec-Butylbenzene	Ave	4.288	4.371		20.4	20.0	1.9	20.0
4-Isopropyltoluene	Ave	3.649	3.798		20.8	20.0	4.1	20.0
1,3-Dichlorobenzene	Ave	1.879	1.847	0.6000	19.7	20.0	-1.7	20.0
1,4-Dichlorobenzene	Ave	1.893	1.853	0.5000	19.6	20.0	-2.1	20.0
Benzyl chloride	Ave	0.3122	0.3157		20.2	20.0	1.1	50.0
Indan	Ave	1.589	1.652		20.8	20.0	4.0	20.0
p-Diethylbenzene	Ave	2.285	2.330		20.4	20.0	2.0	20.0
n-Butylbenzene	Ave	2.063	2.096		20.3	20.0	1.6	20.0
1,2-Dichlorobenzene	Ave	1.837	1.780	0.4000	19.4	20.0	-3.1	20.0
1,2,4,5-Tetramethylbenzene	Ave	3.335	3.460		20.8	20.0	3.8	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2054	0.2041	0.0500	19.9	20.0	-0.6	50.0
1,3,5-Trichlorobenzene	Ave	1.607	1.748		21.8	20.0	8.8	20.0
1,2,4-Trichlorobenzene	Ave	1.515	1.564	0.2000	20.6	20.0	3.2	20.0
Hexachlorobutadiene	Ave	0.8135	0.9352		23.0	20.0	15.0	20.0
Naphthalene	Ave	3.193	3.032		19.0	20.0	-5.0	50.0
1,2,3-Trichlorobenzene	Ave	1.423	1.464		20.6	20.0	2.9	20.0
Dibromofluoromethane (Surr)	Ave	0.2608	0.2683		51.4	50.0	2.9	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0566	0.0546		48.2	50.0	-3.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334208/2 Calibration Date: 11/10/2015 00:13

Instrument ID: CVOAMS4 Calib Start Date: 11/04/2015 22:25

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 11/05/2015 02:31

Lab File ID: D16315.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toluene-d8 (Surr)	Ave	1.203	1.153		47.9	50.0	-4.2	20.0
Bromofluorobenzene	Ave	0.6940	0.7085		51.0	50.0	2.1	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16315.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 10-Nov-2015 00:13:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0034014-003
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub32

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Nov-2015 12:38:44 Calib Date: 05-Nov-2015 02:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: martineze Date: 10-Nov-2015 12:14:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.541	1.541	0.000	83	41207	20.0	21.3	
2 Dichlorodifluoromethane	85	1.583	1.583	0.000	99	106974	20.0	20.4	
3 Chloromethane	50	1.748	1.748	0.000	99	96233	20.0	20.1	
5 Butadiene	54	1.870	1.870	0.000	83	77329	20.0	20.6	
4 Vinyl chloride	62	1.876	1.876	0.000	97	99476	20.0	21.2	
6 Bromomethane	94	2.211	2.211	0.000	98	63587	20.0	20.0	
7 Chloroethane	64	2.303	2.303	0.000	100	56212	20.0	20.1	
8 Dichlorofluoromethane	67	2.546	2.546	0.000	98	151994	20.0	21.5	
9 Trichlorofluoromethane	101	2.559	2.559	0.000	65	114257	20.0	21.5	
10 Pentane	72	2.583	2.583	0.000	97	30623	40.0	43.5	
11 Ethanol	46	2.815	2.815	0.000	83	15353	800.0	817.2	
12 Ethyl ether	59	2.827	2.827	0.000	92	52088	20.0	20.3	
13 2-Methyl-1,3-butadiene	53	2.839	2.839	0.000	92	69274	20.0	22.7	
14 1,2-Dichloro-1,1,2-trifluo	117	2.900	2.900	0.000	93	58794	20.0	21.4	
15 Acrolein	56	3.034	3.034	0.000	96	125887	300.0	247.6	
16 1,1,2-Trichloro-1,2,2-trif	101	3.040	3.040	0.000	95	75653	20.0	21.9	
17 1,1-Dichloroethene	96	3.065	3.065	0.000	95	65981	20.0	20.9	
18 Acetone	43	3.187	3.187	0.000	86	102711	100.0	101.4	
19 Iodomethane	142	3.241	3.241	0.000	100	128086	20.0	21.0	
20 Carbon disulfide	76	3.278	3.278	0.000	99	241852	20.0	20.4	
21 Isopropyl alcohol	45	3.315	3.315	0.000	99	45898	200.0	214.3	
22 3-Chloro-1-propene	76	3.461	3.461	0.000	89	39276	20.0	21.3	
23 Cyclopentene	67	3.479	3.479	0.000	94	189098	20.0	21.9	
24 Methyl acetate	43	3.485	3.485	0.000	100	269493	100.0	107.4	
25 Acetonitrile	41	3.552	3.552	0.000	97	88768	200.0	213.8	
26 Methylene Chloride	84	3.613	3.613	0.000	96	75464	20.0	19.3	
* 27 TBA-d9 (IS)	65	3.638	3.638	0.000	88	291073	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.717	3.717	0.000	95	74706	200.0	204.7	
29 Methyl tert-butyl ether	73	3.821	3.821	0.000	97	176413	20.0	20.5	
30 trans-1,2-Dichloroethene	96	3.845	3.845	0.000	98	69957	20.0	20.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.943	3.943	0.000	94	226325	200.0	196.3	
32 Hexane	57	4.040	4.040	0.000	94	111488	20.0	21.9	
33 Isopropyl ether	45	4.314	4.314	0.000	98	226012	20.0	22.0	
34 1,1-Dichloroethane	63	4.339	4.339	0.000	99	133918	20.0	21.2	
35 Vinyl acetate	86	4.369	4.369	0.000	100	20677	40.0	46.7	
36 2-Chloro-1,3-butadiene	88	4.388	4.388	0.000	91	62504	20.0	21.8	
37 Tert-butyl ethyl ether	59	4.698	4.698	0.000	89	191732	20.0	20.8	
* 38 2-Butanone-d5	46	4.942	4.942	0.000	93	257395	250.0	250.0	
39 2,2-Dichloropropane	79	4.948	4.948	0.000	68	34917	20.0	22.4	
40 cis-1,2-Dichloroethene	96	4.979	4.979	0.000	95	75986	20.0	20.3	
41 2-Butanone (MEK)	72	5.015	5.015	0.000	97	37369	100.0	89.4	
42 Ethyl acetate	70	5.022	5.022	0.000	94	9206	40.0	36.2	
43 Methyl acrylate	55	5.083	5.083	0.000	100	51032	20.0	21.0	
44 Propionitrile	54	5.174	5.174	0.000	98	87790	200.0	205.3	
46 Chlorobromomethane	128	5.253	5.253	0.000	87	35055	20.0	20.0	
45 Tetrahydrofuran	72	5.259	5.259	0.000	55	15587	40.0	34.9	
47 Methacrylonitrile	67	5.296	5.296	0.000	92	231256	200.0	206.3	
48 Chloroform	83	5.326	5.326	0.000	99	118753	20.0	21.0	
49 Cyclohexane	56	5.473	5.473	0.000	92	137400	20.0	22.1	
50 1,1,1-Trichloroethane	97	5.491	5.491	0.000	99	105247	20.0	21.7	
$ 51 Dibromofluoromethane (Surr	113	5.515	5.515	0.000	97	114896	50.0	51.4	
52 Carbon tetrachloride	117	5.637	5.637	0.000	97	96076	20.0	22.4	
53 1,1-Dichloropropene	75	5.680	5.680	0.000	98	96381	20.0	21.5	
54 Isooctane	57	5.893	5.893	0.000	97	309721	20.0	22.5	
55 Benzene	78	5.918	5.918	0.000	97	257247	20.0	19.6	
$ 56 1,2-Dichloroethane-d4 (Sur	102	5.942	5.942	0.000	98	23361	50.0	48.2	
57 Tert-amyl methyl ether	73	6.015	6.015	0.000	91	213006	20.0	20.8	
58 Isobutyl alcohol	43	5.887	5.887	0.000	13	129982	500.0	513.8	
59 Isopropyl acetate	43	6.021	6.021	0.000	98	173841	20.0	21.5	
60 1,2-Dichloroethane	62	6.040	6.040	0.000	96	80365	20.0	20.5	
61 n-Heptane	57	6.131	6.131	0.000	93	65598	20.0	22.9	
* 62 Fluorobenzene	96	6.284	6.284	0.000	98	428194	50.0	50.0	
63 n-Butanol	56	6.692	6.692	0.000	89	45440	500.0	464.5	
64 Trichloroethene	95	6.716	6.716	0.000	98	65600	20.0	20.4	
65 Methylcyclohexane	83	6.857	6.857	0.000	96	125186	20.0	21.0	
66 Ethyl acrylate	73	6.887	6.887	0.000	97	4640	20.0	20.2	
67 1,2-Dichloropropane	63	7.046	7.046	0.000	93	69447	20.0	20.8	
* 68 1,4-Dioxane-d8	96	7.119	7.119	0.000	91	21284	1000.0	1000.0	
69 Methyl methacrylate	100	7.149	7.149	0.000	93	26578	40.0	39.6	
71 1,4-Dioxane	88	7.180	7.180	0.000	65	12733	400.0	375.2	
70 Dibromomethane	93	7.180	7.180	0.000	97	39233	20.0	20.0	
72 n-Propyl acetate	43	7.210	7.210	0.000	98	80048	20.0	21.4	
73 Dichlorobromomethane	83	7.344	7.344	0.000	99	78934	20.0	20.3	
74 2-Nitropropane	41	7.674	7.674	0.000	82	22434	40.0	40.0	
75 2-Chloroethyl vinyl ether	63	7.680	7.680	0.000	85	33590	20.0	20.7	
76 Epichlorohydrin	57	7.771	7.771	0.000	99	118310	400.0	374.8	
77 cis-1,3-Dichloropropene	75	7.814	7.814	0.000	91	97870	20.0	20.3	
78 4-Methyl-2-pentanone (MIBK	43	7.966	7.966	0.000	97	303146	100.0	97.4	
$ 79 Toluene-d8 (Surr)	98	8.027	8.027	0.000	99	399611	50.0	47.9	
80 Toluene	91	8.088	8.088	0.000	93	259998	20.0	19.0	
81 trans-1,3-Dichloropropene	75	8.375	8.375	0.000	96	79203	20.0	19.7	
82 Ethyl methacrylate	69	8.399	8.399	0.000	91	71209	20.0	20.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	8.539	8.539	0.000	96	44965	20.0	19.8	
84 Tetrachloroethene	166	8.570	8.570	0.000	96	72175	20.0	21.2	
85 1,3-Dichloropropane	76	8.692	8.692	0.000	92	87575	20.0	19.8	
86 2-Hexanone	43	8.734	8.734	0.000	97	218531	100.0	101.3	
87 n-Butyl acetate	73	8.814	8.814	0.000	99	11459	20.0	19.8	
88 Chlorodibromomethane	129	8.856	8.856	0.000	98	59227	20.0	20.3	
89 Ethylene Dibromide	107	8.966	8.966	0.000	99	50206	20.0	19.4	
* 90 Chlorobenzene-d5	117	9.326	9.326	0.000	87	346719	50.0	50.0	
91 Chlorobenzene	112	9.350	9.350	0.000	94	167995	20.0	19.7	
92 Ethylbenzene	106	9.411	9.411	0.000	99	93238	20.0	20.0	
93 1,1,1,2-Tetrachloroethane	131	9.423	9.423	0.000	95	65085	20.0	20.9	
94 m-Xylene & p-Xylene	106	9.509	9.509	0.000	98	114489	20.0	20.1	
95 n-Butyl acrylate	73	9.795	9.795	0.000	97	41591	20.0	20.5	
96 o-Xylene	106	9.826	9.826	0.000	93	116423	20.0	20.2	
97 Styrene	104	9.844	9.844	0.000	95	176078	20.0	19.9	
98 Amyl acetate (mixed isomer	43	9.960	9.960	0.000	90	107734	20.0	21.2	
99 Bromoform	173	10.015	10.015	0.000	97	40015	20.0	21.3	
100 Isopropylbenzene	105	10.094	10.094	0.000	96	311012	20.0	20.6	
$ 101 4-Bromofluorobenzene	174	10.252	10.252	0.000	92	138357	50.0	51.0	
102 Bromobenzene	156	10.362	10.362	0.000	96	77513	20.0	20.4	
103 1,1,2,2-Tetrachloroethane	83	10.374	10.374	0.000	98	71826	20.0	19.1	
104 N-Propylbenzene	91	10.405	10.405	0.000	99	380949	20.0	19.9	
105 1,2,3-Trichloropropane	110	10.423	10.423	0.000	97	19643	20.0	19.3	
106 trans-1,4-Dichloro-2-buten	53	10.423	10.423	0.000	88	19923	20.0	20.7	
107 4-Ethyltoluene	105	10.484	10.484	0.000	98	314857	20.0	20.7	
108 2-Chlorotoluene	91	10.490	10.490	0.000	97	252488	20.0	19.8	
109 1,3,5-Trimethylbenzene	105	10.533	10.533	0.000	93	257287	20.0	20.0	
110 4-Chlorotoluene	91	10.575	10.575	0.000	98	216655	20.0	19.6	
111 Butyl Methacrylate	87	10.588	10.588	0.000	92	81769	20.0	20.3	
112 tert-Butylbenzene	119	10.764	10.764	0.000	94	205092	20.0	20.1	
113 1,2,4-Trimethylbenzene	105	10.807	10.807	0.000	98	267543	20.0	20.1	
114 sec-Butylbenzene	105	10.923	10.923	0.000	99	341414	20.0	20.4	
115 4-Isopropyltoluene	119	11.020	11.020	0.000	98	296642	20.0	20.8	
116 1,3-Dichlorobenzene	146	11.039	11.039	0.000	96	144287	20.0	19.7	
* 117 1,4-Dichlorobenzene-d4	152	11.087	11.087	0.000	96	195279	50.0	50.0	
118 1,4-Dichlorobenzene	146	11.106	11.106	0.000	95	144739	20.0	19.6	
119 Benzyl chloride	126	11.209	11.209	0.000	99	24663	20.0	20.2	
120 2,3-Dihydroindene	117	11.264	11.264	0.000	94	282872	20.0	20.8	
121 p-Diethylbenzene	119	11.289	11.289	0.000	93	182036	20.0	20.4	
122 n-Butylbenzene	92	11.307	11.307	0.000	98	163735	20.0	20.3	
123 1,2-Dichlorobenzene	146	11.380	11.380	0.000	97	139065	20.0	19.4	
124 1,2,4,5-Tetramethylbenzene	119	11.886	11.886	0.000	97	270301	20.0	20.8	
125 1,2-Dibromo-3-Chloropropan	157	11.996	11.996	0.000	97	15945	20.0	19.9	
126 1,3,5-Trichlorobenzene	180	12.124	12.124	0.000	97	136501	20.0	21.8	
127 1,2,4-Trichlorobenzene	180	12.727	12.727	0.000	94	122156	20.0	20.6	
128 Hexachlorobutadiene	225	12.831	12.831	0.000	97	73053	20.0	23.0	
129 Naphthalene	128	13.002	13.002	0.000	99	236848	20.0	19.0	
130 1,2,3-Trichlorobenzene	180	13.276	13.276	0.000	95	114354	20.0	20.6	
S 131 1,2-Dichloroethene, Total	100				0		40.0	40.7	
S 132 1,3-Dichloropropene, Total	100				0		40.0	39.9	
S 133 Xylenes, Total	100				0		40.0	40.3	
S 134 Total BTEX	1				0		100.0	98.9	

Reagents:

GASES Li_00126	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	2.00	Units: uL	
ACROLEIN W_00044	Amount Added:	3.00	Units: uL	
8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 12-Nov-2015 12:38:48 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16315.D

Injection Date: 10-Nov-2015 00:13:30 Instrument ID: CVOAMS4 Operator ID:

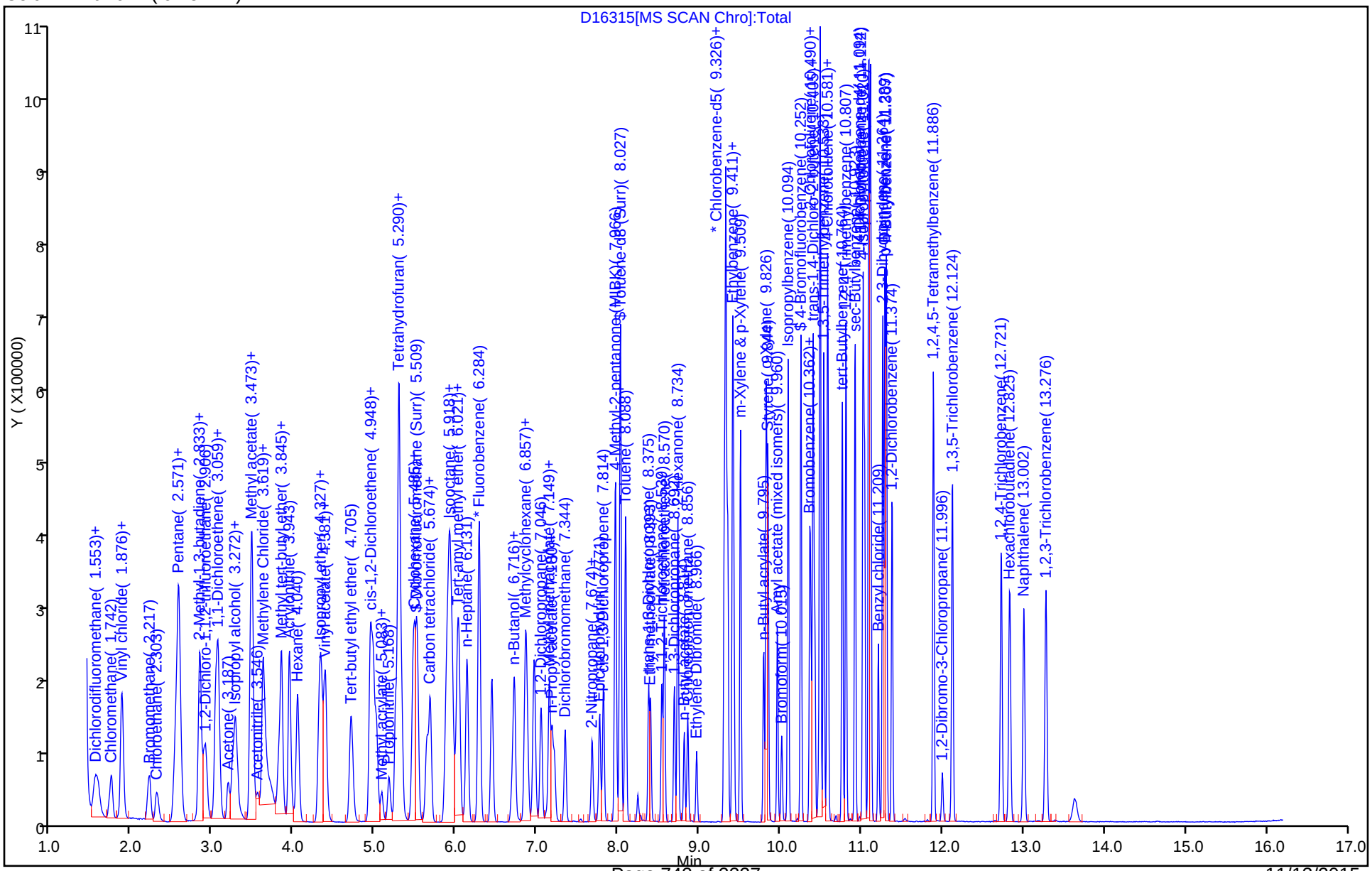
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334289/3 Calibration Date: 11/10/2015 10:37

Instrument ID: CVOAMS4 Calib Start Date: 11/04/2015 22:25

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 11/05/2015 02:31

Lab File ID: D16339.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.2254	0.2219		19.7	20.0	-1.6	20.0
Dichlorodifluoromethane	Ave	0.6115	0.6172	0.1000	20.2	20.0	0.9	20.0
Chloromethane	Ave	0.5577	0.6422	0.1000	23.0	20.0	15.2	20.0
Vinyl chloride	Ave	0.5467	0.6221	0.1000	22.8	20.0	13.8	20.0
Butadiene	Ave	0.4394	0.4913		22.4	20.0	11.8	20.0
Bromomethane	Ave	0.3704	0.4276	0.1000	23.1	20.0	15.4	50.0
Chloroethane	Ave	0.3258	0.3765	0.1000	23.1	20.0	15.6	50.0
Dichlorofluoromethane	Ave	0.8261	0.996		24.1	20.0	20.6*	20.0
Trichlorofluoromethane	Ave	0.6204	0.7190	0.1000	23.2	20.0	15.9	20.0
Pentane	Ave	0.0821	0.0892		43.5	40.0	8.6	20.0
Ethanol	Ave	0.0645	0.0780		967	800	20.8	50.0
Ethyl ether	Ave	0.3003	0.3531		23.5	20.0	17.6	20.0
2-Methyl-1,3-butadiene	Ave	0.3557	0.4162		23.4	20.0	17.0	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3214	0.3537		22.0	20.0	10.1	20.0
Acrolein	Ave	1.747	1.662		285	300	-4.9	50.0
Freon TF	Ave	0.4032	0.4278	0.1000	21.2	20.0	6.1	20.0
1,1-Dichloroethene	Ave	0.3687	0.3952	0.1000	21.4	20.0	7.2	20.0
Acetone	Lin2		1.106	0.0500	113	100	12.8	50.0
Iodomethane	Ave	0.7126	0.8229		23.1	20.0	15.5	20.0
Carbon disulfide	Ave	1.384	1.444	0.1000	20.9	20.0	4.3	50.0
Isopropyl alcohol	Ave	0.7357	0.8344		227	200	13.4	50.0
Allyl chloride	Ave	0.2158	0.2507		23.2	20.0	16.2	20.0
Cyclopentene	Ave	1.006	1.139		22.7	20.0	13.3	20.0
Methyl acetate	Ave	0.2931	0.3435	0.1000	117	100	17.2	20.0
Acetonitrile	Ave	1.427	1.752		246	200	22.8*	20.0
Methylene Chloride	Ave	0.4564	0.4937	0.1000	21.6	20.0	8.2	20.0
2-Methyl-2-propanol	Qua2		1.368		219	200	9.3	50.0
MTBE	Ave	1.004	1.201	0.1000	23.9	20.0	19.6	20.0
trans-1,2-Dichloroethene	Ave	0.4009	0.4491	0.1000	22.4	20.0	12.0	20.0
Acrylonitrile	Ave	3.961	4.287		216	200	8.2	20.0
Hexane	Ave	0.5934	0.6661		22.4	20.0	12.2	20.0
Isopropyl ether	Ave	1.201	1.536		25.6	20.0	27.8*	20.0
1,1-Dichloroethane	Ave	0.7367	0.8835	0.2000	24.0	20.0	19.9	20.0
Vinyl acetate	Ave	0.0517	0.0621		48.0	40.0	20.0	20.0
2-Chloro-1,3-butadiene	Ave	0.3355	0.3771		22.5	20.0	12.4	20.0
Tert-butyl ethyl ether	Ave	1.077	1.345		25.0	20.0	24.9*	20.0
2,2-Dichloropropane	Ave	0.1823	0.2180		23.9	20.0	19.6	20.0
cis-1,2-Dichloroethene	Ave	0.4373	0.4904	0.1000	22.4	20.0	12.1	20.0
2-Butanone	Ave	0.4062	0.3921	0.0500	96.5	100	-3.5	50.0
Ethyl acetate	Ave	0.2469	0.2278		36.9	40.0	-7.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334289/3 Calibration Date: 11/10/2015 10:37

Instrument ID: CVOAMS4 Calib Start Date: 11/04/2015 22:25

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 11/05/2015 02:31

Lab File ID: D16339.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl acrylate	Ave	0.2836	0.3304		23.3	20.0	16.5	20.0
Propionitrile	Ave	0.0499	0.0554		222	200	11.0	20.0
Tetrahydrofuran	Ave	0.4332	0.4358		40.2	40.0	0.6	20.0
Bromochloromethane	Ave	0.2052	0.2318		22.6	20.0	13.0	20.0
Methacrylonitrile	Ave	0.1309	0.1504		230	200	14.9	20.0
Chloroform	Ave	0.6608	0.7724	0.2000	23.4	20.0	16.9	20.0
Cyclohexane	Ave	0.7257	0.8280	0.1000	22.8	20.0	14.1	50.0
1,1,1-Trichloroethane	Ave	0.5651	0.6440	0.1000	22.8	20.0	14.0	20.0
Carbon tetrachloride	Ave	0.5019	0.5634	0.1000	22.5	20.0	12.3	20.0
1,1-Dichloropropene	Ave	0.5222	0.5811		22.3	20.0	11.3	20.0
Isobutyl alcohol	Ave	0.8692	0.9775		562	500	12.5	50.0
2,2,4-Trimethylpentane	Ave	1.605	1.888		23.5	20.0	17.7	20.0
Benzene	Ave	1.893	1.945	0.5000	20.5	20.0	2.7	20.0
Isopropyl acetate	Ave	0.9448	1.117		23.6	20.0	18.2	20.0
Tert-amyl methyl ether	Ave	1.198	1.294		21.6	20.0	8.0	20.0
1,2-Dichloroethane	Ave	0.4576	0.5263	0.1000	23.0	20.0	15.0	20.0
n-Heptane	Ave	0.3350	0.3719		22.2	20.0	11.0	20.0
n-Butanol	Ave	0.3361	0.3419		509	500	1.7	50.0
Trichloroethene	Ave	0.3751	0.4037	0.2000	21.5	20.0	7.6	20.0
Methylcyclohexane	Ave	0.6949	0.7661	0.1000	22.1	20.0	10.3	50.0
Ethyl acrylate	Lin2		0.0309		23.0	20.0	15.0	20.0
1,2-Dichloropropane	Ave	0.3908	0.4525	0.1000	23.2	20.0	15.8	20.0
Methyl methacrylate	Ave	0.0785	0.0858		43.7	40.0	9.3	20.0
1,4-Dioxane	Ave	1.594	1.701		427	400	6.7	50.0
Dibromomethane	Ave	0.2290	0.2470		21.6	20.0	7.9	20.0
n-Propyl acetate	Ave	0.4366	0.5233		24.0	20.0	19.9	20.0
Bromodichloromethane	Ave	0.4547	0.5089	0.2000	22.4	20.0	11.9	20.0
2-Nitropropane	Ave	0.0655	0.0691		42.2	40.0	5.6	20.0
2-Chloroethyl vinyl ether	Ave	0.1894	0.2201		23.2	20.0	16.2	20.0
Epichlorohydrin	Ave	0.3066	0.3019		394	400	-1.5	20.0
cis-1,3-Dichloropropene	Ave	0.6963	0.7496	0.2000	21.5	20.0	7.7	50.0
4-Methyl-2-pentanone	Ave	3.022	3.219	0.0500	107	100	6.5	50.0
Toluene	Ave	1.970	1.926	0.4000	19.5	20.0	-2.3	20.0
trans-1,3-Dichloropropene	Ave	0.5807	0.6185	0.1000	21.3	20.0	6.5	50.0
Ethyl methacrylate	Ave	0.4060	0.4624		22.8	20.0	13.9	20.0
1,1,2-Trichloroethane	Ave	0.3277	0.3322	0.1000	20.3	20.0	1.4	20.0
Tetrachloroethene	Ave	0.4918	0.4978	0.2000	20.2	20.0	1.2	20.0
1,3-Dichloropropane	Ave	0.6367	0.6684		21.0	20.0	5.0	20.0
2-Hexanone	Ave	2.096	2.261	0.0500	108	100	7.9	50.0
n-Butyl acetate	Ave	0.0836	0.0921		22.0	20.0	10.2	20.0
Dibromochloromethane	Ave	0.4217	0.4491	0.1000	21.3	20.0	6.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334289/3 Calibration Date: 11/10/2015 10:37

Instrument ID: CVOAMS4 Calib Start Date: 11/04/2015 22:25

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 11/05/2015 02:31

Lab File ID: D16339.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromoethane	Ave	0.3728	0.3872	0.1000	20.8	20.0	3.9	20.0
Chlorobenzene	Ave	1.231	1.239	0.5000	20.1	20.0	0.7	20.0
Ethylbenzene	Ave	0.6737	0.6821	0.1000	20.2	20.0	1.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4499	0.4851		21.6	20.0	7.8	20.0
m-Xylene & p-Xylene	Ave	0.8213	0.8336	0.1000	20.3	20.0	1.5	20.0
n-Butyl acrylate	Ave	0.2932	0.3273		22.3	20.0	11.6	20.0
o-Xylene	Ave	0.8322	0.8637	0.3000	20.8	20.0	3.8	20.0
Styrene	Ave	1.277	1.334	0.3000	20.9	20.0	4.5	20.0
Amyl acetate (mixed isomers)	Ave	1.303	1.469		22.5	20.0	12.7	20.0
Bromoform	Ave	0.2712	0.2780	0.1000	20.5	20.0	2.5	20.0
Isopropylbenzene	Ave	2.174	2.219	0.1000	20.4	20.0	2.0	20.0
Bromobenzene	Ave	0.9706	0.9842		20.3	20.0	1.4	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9613	0.9686	0.3000	20.2	20.0	0.8	20.0
N-Propylbenzene	Ave	4.898	4.828		19.7	20.0	-1.4	20.0
1,2,3-Trichloropropane	Ave	0.2604	0.2637		20.3	20.0	1.3	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2459	0.2621		21.3	20.0	6.6	20.0
2-Chlorotoluene	Ave	3.260	3.233		19.8	20.0	-0.8	20.0
4-Ethyltoluene	Ave	3.903	4.015		20.6	20.0	2.8	20.0
1,3,5-Trimethylbenzene	Ave	3.294	3.359		20.4	20.0	2.0	20.0
4-Chlorotoluene	Ave	2.831	2.811		19.9	20.0	-0.7	20.0
Butyl Methacrylate	Ave	1.031	1.133		22.0	20.0	9.9	20.0
tert-Butylbenzene	Ave	2.606	2.597		19.9	20.0	-0.4	20.0
1,2,4-Trimethylbenzene	Ave	3.404	3.448		20.3	20.0	1.3	20.0
sec-Butylbenzene	Ave	4.288	4.287		20.0	20.0	-0.0	20.0
4-Isopropyltoluene	Ave	3.649	3.723		20.4	20.0	2.0	20.0
1,3-Dichlorobenzene	Ave	1.879	1.872	0.6000	19.9	20.0	-0.4	20.0
1,4-Dichlorobenzene	Ave	1.893	1.858	0.5000	19.6	20.0	-1.9	20.0
Benzyl chloride	Ave	0.3122	0.3202		20.5	20.0	2.6	50.0
Indan	Ave	1.589	1.800		22.7	20.0	13.3	20.0
p-Diethylbenzene	Ave	2.285	2.389		20.9	20.0	4.6	20.0
n-Butylbenzene	Ave	2.063	2.029		19.7	20.0	-1.6	20.0
1,2-Dichlorobenzene	Ave	1.837	1.826	0.4000	19.9	20.0	-0.6	20.0
1,2,4,5-Tetramethylbenzene	Ave	3.335	3.676		22.0	20.0	10.2	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2054	0.2127	0.0500	20.7	20.0	3.5	50.0
1,3,5-Trichlorobenzene	Ave	1.607	1.754		21.8	20.0	9.2	20.0
1,2,4-Trichlorobenzene	Ave	1.515	1.625	0.2000	21.5	20.0	7.3	20.0
Hexachlorobutadiene	Ave	0.8135	0.8664		21.3	20.0	6.5	20.0
Naphthalene	Ave	3.193	3.312		20.7	20.0	3.7	50.0
1,2,3-Trichlorobenzene	Ave	1.423	1.508		21.2	20.0	6.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2608	0.2953		56.6	50.0	13.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0566	0.0593		52.4	50.0	4.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334289/3 Calibration Date: 11/10/2015 10:37

Instrument ID: CVOAMS4 Calib Start Date: 11/04/2015 22:25

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 11/05/2015 02:31

Lab File ID: D16339.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toluene-d8 (Surr)	Ave	1.203	1.202		49.9	50.0	-0.2	20.0
Bromofluorobenzene	Ave	0.6940	0.7170		51.7	50.0	3.3	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16339.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 10-Nov-2015 10:37:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0034037-003
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub32

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Nov-2015 13:48:02 Calib Date: 05-Nov-2015 02:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK006

First Level Reviewer: delpolitov Date: 10-Nov-2015 13:48:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.552	1.552	0.000	83	36573	20.0	19.7	
2 Dichlorodifluoromethane	85	1.589	1.589	0.000	99	101754	20.0	20.2	
3 Chloromethane	50	1.754	1.754	0.000	99	105877	20.0	23.0	
4 Vinyl chloride	62	1.882	1.882	0.000	97	102551	20.0	22.8	
5 Butadiene	54	1.888	1.888	0.000	87	80987	20.0	22.4	
6 Bromomethane	94	2.223	2.223	0.000	97	70492	20.0	23.1	
7 Chloroethane	64	2.315	2.315	0.000	99	62075	20.0	23.1	
8 Dichlorofluoromethane	67	2.552	2.552	0.000	98	164251	20.0	24.1	
9 Trichlorofluoromethane	101	2.564	2.564	0.000	96	118527	20.0	23.2	
10 Pentane	72	2.583	2.583	0.000	96	29424	40.0	43.5	
11 Ethanol	46	2.827	2.827	0.000	91	17443	800.0	966.7	
12 Ethyl ether	59	2.833	2.833	0.000	92	58204	20.0	23.5	
13 2-Methyl-1,3-butadiene	53	2.845	2.845	0.000	92	68605	20.0	23.4	
14 1,2-Dichloro-1,1,2-trifluo	117	2.912	2.912	0.000	92	58312	20.0	22.0	
15 Acrolein	56	3.040	3.040	0.000	96	139368	300.0	285.4	
16 1,1,2-Trichloro-1,2,2-trif	101	3.058	3.058	0.000	96	70529	20.0	21.2	
17 1,1-Dichloroethene	96	3.070	3.070	0.000	96	65155	20.0	21.4	
18 Acetone	43	3.192	3.192	0.000	87	109504	100.0	112.8	
19 Iodomethane	142	3.253	3.253	0.000	99	135652	20.0	23.1	
20 Carbon disulfide	76	3.284	3.284	0.000	99	238047	20.0	20.9	
21 Isopropyl alcohol	45	3.320	3.320	0.000	99	46655	200.0	226.8	
22 3-Chloro-1-propene	76	3.467	3.467	0.000	90	41328	20.0	23.2	
23 Cyclopentene	67	3.485	3.485	0.000	95	187848	20.0	22.7	
24 Methyl acetate	43	3.491	3.491	0.000	100	283103	100.0	117.2	
25 Acetonitrile	41	3.552	3.552	0.000	98	97943	200.0	245.6	
26 Methylene Chloride	84	3.625	3.625	0.000	97	81393	20.0	21.6	
* 27 TBA-d9 (IS)	65	3.644	3.644	0.000	88	279570	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.717	3.717	0.000	100	76477	200.0	218.6	
29 Methyl tert-butyl ether	73	3.826	3.826	0.000	98	197984	20.0	23.9	
30 trans-1,2-Dichloroethene	96	3.851	3.851	0.000	97	74038	20.0	22.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.948	3.948	0.000	94	239719	200.0	216.5	
32 Hexane	57	4.046	4.046	0.000	94	109812	20.0	22.4	
33 Isopropyl ether	45	4.320	4.320	0.000	97	253171	20.0	25.6	
34 1,1-Dichloroethane	63	4.345	4.345	0.000	99	145648	20.0	24.0	
35 Vinyl acetate	86	4.369	4.369	0.000	100	20465	40.0	48.0	
36 2-Chloro-1,3-butadiene	88	4.399	4.399	0.000	90	62165	20.0	22.5	
37 Tert-butyl ethyl ether	59	4.704	4.704	0.000	89	221771	20.0	25.0	
* 38 2-Butanone-d5	46	4.942	4.942	0.000	93	247452	250.0	250.0	
39 2,2-Dichloropropane	79	4.948	4.948	0.000	69	35934	20.0	23.9	
40 cis-1,2-Dichloroethene	96	4.985	4.985	0.000	95	80838	20.0	22.4	
41 2-Butanone (MEK)	72	5.009	5.009	0.000	98	38807	100.0	96.5	
42 Ethyl acetate	70	5.027	5.027	0.000	95	9020	40.0	36.9	
43 Methyl acrylate	55	5.082	5.082	0.000	100	54460	20.0	23.3	
44 Propionitrile	54	5.168	5.168	0.000	98	91343	200.0	221.9	
45 Tetrahydrofuran	72	5.253	5.253	0.000	70	17256	40.0	40.2	
46 Chlorobromomethane	128	5.259	5.259	0.000	89	38208	20.0	22.6	
47 Methacrylonitrile	67	5.296	5.296	0.000	93	247941	200.0	229.8	
48 Chloroform	83	5.332	5.332	0.000	98	127330	20.0	23.4	
49 Cyclohexane	56	5.472	5.472	0.000	93	136501	20.0	22.8	
50 1,1,1-Trichloroethane	97	5.497	5.497	0.000	99	106159	20.0	22.8	
$ 51 Dibromofluoromethane (Surr	113	5.521	5.521	0.000	97	121706	50.0	56.6	
52 Carbon tetrachloride	117	5.643	5.643	0.000	97	92880	20.0	22.5	
53 1,1-Dichloropropene	75	5.686	5.686	0.000	98	95796	20.0	22.3	
54 Isooctane	57	5.899	5.899	0.000	97	311322	20.0	23.5	
55 Benzene	78	5.924	5.924	0.000	97	271639	20.0	20.5	
$ 56 1,2-Dichloroethane-d4 (Sur	102	5.948	5.948	0.000	98	24421	50.0	52.4	
57 Tert-amyl methyl ether	73	6.021	6.021	0.000	91	213359	20.0	21.6	
58 Isobutyl alcohol	43	5.875	5.875	0.000	39	136646	500.0	562.4	
59 Isopropyl acetate	43	6.021	6.021	0.000	98	184148	20.0	23.6	
60 1,2-Dichloroethane	62	6.045	6.045	0.000	96	86763	20.0	23.0	
61 n-Heptane	57	6.137	6.137	0.000	94	61304	20.0	22.2	
* 62 Fluorobenzene	96	6.283	6.283	0.000	98	412140	50.0	50.0	
63 n-Butanol	56	6.692	6.692	0.000	88	47791	500.0	508.6	
64 Trichloroethene	95	6.722	6.722	0.000	98	66546	20.0	21.5	
65 Methylcyclohexane	83	6.862	6.862	0.000	97	126303	20.0	22.1	
66 Ethyl acrylate	73	6.887	6.887	0.000	97	5086	20.0	23.0	
67 1,2-Dichloropropane	63	7.045	7.045	0.000	93	74594	20.0	23.2	
* 68 1,4-Dioxane-d8	96	7.112	7.112	0.000	91	20738	1000.0	1000.0	
69 Methyl methacrylate	100	7.149	7.149	0.000	93	28279	40.0	43.7	
71 1,4-Dioxane	88	7.186	7.186	0.000	40	14111	400.0	426.7	
70 Dibromomethane	93	7.186	7.186	0.000	96	40725	20.0	21.6	
72 n-Propyl acetate	43	7.216	7.216	0.000	100	86269	20.0	24.0	
73 Dichlorobromomethane	83	7.344	7.344	0.000	100	83900	20.0	22.4	
74 2-Nitropropane	41	7.673	7.673	0.000	78	22783	40.0	42.2	
75 2-Chloroethyl vinyl ether	63	7.679	7.679	0.000	86	36278	20.0	23.2	
76 Epichlorohydrin	57	7.771	7.771	0.000	100	119528	400.0	393.8	
77 cis-1,3-Dichloropropene	75	7.820	7.820	0.000	91	104687	20.0	21.5	
78 4-Methyl-2-pentanone (MIBK	43	7.966	7.966	0.000	97	318659	100.0	106.5	
$ 79 Toluene-d8 (Surr)	98	8.027	8.027	0.000	99	419510	50.0	49.9	
80 Toluene	91	8.094	8.094	0.000	93	268959	20.0	19.5	
81 trans-1,3-Dichloropropene	75	8.374	8.374	0.000	95	86371	20.0	21.3	
82 Ethyl methacrylate	69	8.399	8.399	0.000	91	76230	20.0	22.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	8.539	8.539	0.000	95	46391	20.0	20.3	
84 Tetrachloroethene	166	8.569	8.569	0.000	96	69515	20.0	20.2	
85 1,3-Dichloropropane	76	8.691	8.691	0.000	94	93347	20.0	21.0	
86 2-Hexanone	43	8.734	8.734	0.000	97	223755	100.0	107.9	
87 n-Butyl acetate	73	8.813	8.813	0.000	99	12867	20.0	22.0	
88 Chlorodibromomethane	129	8.856	8.856	0.000	98	62722	20.0	21.3	
89 Ethylene Dibromide	107	8.966	8.966	0.000	97	54075	20.0	20.8	
* 90 Chlorobenzene-d5	117	9.325	9.325	0.000	87	349145	50.0	50.0	
91 Chlorobenzene	112	9.350	9.350	0.000	94	173039	20.0	20.1	
92 Ethylbenzene	106	9.411	9.411	0.000	99	95256	20.0	20.2	
93 1,1,1,2-Tetrachloroethane	131	9.423	9.423	0.000	95	67745	20.0	21.6	
94 m-Xylene & p-Xylene	106	9.508	9.508	0.000	98	116412	20.0	20.3	
95 n-Butyl acrylate	73	9.795	9.795	0.000	97	45704	20.0	22.3	
96 o-Xylene	106	9.825	9.825	0.000	93	120624	20.0	20.8	
97 Styrene	104	9.844	9.844	0.000	96	186305	20.0	20.9	
98 Amyl acetate (mixed isomer	43	9.959	9.959	0.000	90	116169	20.0	22.5	
99 Bromoform	173	10.014	10.014	0.000	96	38818	20.0	20.5	
100 Isopropylbenzene	105	10.093	10.093	0.000	96	309867	20.0	20.4	
$ 101 4-Bromofluorobenzene	174	10.252	10.252	0.000	93	141791	50.0	51.7	
102 Bromobenzene	156	10.362	10.362	0.000	97	77853	20.0	20.3	
103 1,1,2,2-Tetrachloroethane	83	10.380	10.380	0.000	99	76617	20.0	20.2	
104 N-Propylbenzene	91	10.404	10.404	0.000	99	381883	20.0	19.7	
105 1,2,3-Trichloropropane	110	10.423	10.423	0.000	97	20861	20.0	20.3	
106 trans-1,4-Dichloro-2-buten	53	10.429	10.429	0.000	80	20729	20.0	21.3	
107 4-Ethyltoluene	105	10.490	10.490	0.000	98	317570	20.0	20.6	
108 2-Chlorotoluene	91	10.490	10.490	0.000	97	255751	20.0	19.8	
109 1,3,5-Trimethylbenzene	105	10.532	10.532	0.000	93	265744	20.0	20.4	
110 4-Chlorotoluene	91	10.581	10.581	0.000	97	222343	20.0	19.9	
111 Butyl Methacrylate	87	10.587	10.587	0.000	92	89633	20.0	22.0	
112 tert-Butylbenzene	119	10.764	10.764	0.000	94	205419	20.0	19.9	
113 1,2,4-Trimethylbenzene	105	10.807	10.807	0.000	98	272763	20.0	20.3	
114 sec-Butylbenzene	105	10.923	10.923	0.000	99	339130	20.0	20.0	
115 4-Isopropyltoluene	119	11.020	11.020	0.000	98	294498	20.0	20.4	
116 1,3-Dichlorobenzene	146	11.038	11.038	0.000	95	148047	20.0	19.9	
* 117 1,4-Dichlorobenzene-d4	152	11.087	11.087	0.000	94	197761	50.0	50.0	
118 1,4-Dichlorobenzene	146	11.105	11.105	0.000	94	146940	20.0	19.6	
119 Benzyl chloride	126	11.209	11.209	0.000	98	25331	20.0	20.5	
120 2,3-Dihydroindene	117	11.264	11.264	0.000	94	296678	20.0	22.7	
121 p-Diethylbenzene	119	11.288	11.288	0.000	93	188958	20.0	20.9	
122 n-Butylbenzene	92	11.307	11.307	0.000	98	160531	20.0	19.7	
123 1,2-Dichlorobenzene	146	11.380	11.380	0.000	96	144475	20.0	19.9	
124 1,2,4,5-Tetramethylbenzene	119	11.886	11.886	0.000	97	290804	20.0	22.0	
125 1,2-Dibromo-3-Chloropropan	157	12.002	12.002	0.000	96	16822	20.0	20.7	
126 1,3,5-Trichlorobenzene	180	12.124	12.124	0.000	97	138777	20.0	21.8	
127 1,2,4-Trichlorobenzene	180	12.727	12.727	0.000	92	128546	20.0	21.5	
128 Hexachlorobutadiene	225	12.831	12.831	0.000	97	68538	20.0	21.3	
129 Naphthalene	128	13.001	13.001	0.000	99	261987	20.0	20.7	
130 1,2,3-Trichlorobenzene	180	13.276	13.276	0.000	94	119314	20.0	21.2	
S 131 1,2-Dichloroethene, Total	100				0		40.0	44.8	
S 132 1,3-Dichloropropene, Total	100				0		40.0	42.8	
S 133 Xylenes, Total	100				0		40.0	41.1	
S 134 Total BTEX	1				0		100.0	101.4	

Reagents:

GASES Li_00126	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	2.00	Units: uL	
ACROLEIN W_00044	Amount Added:	3.00	Units: uL	
8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 10-Nov-2015 13:48:06 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16339.D

Injection Date: 10-Nov-2015 10:37:30 Instrument ID: CVOAMS4 Operator ID:

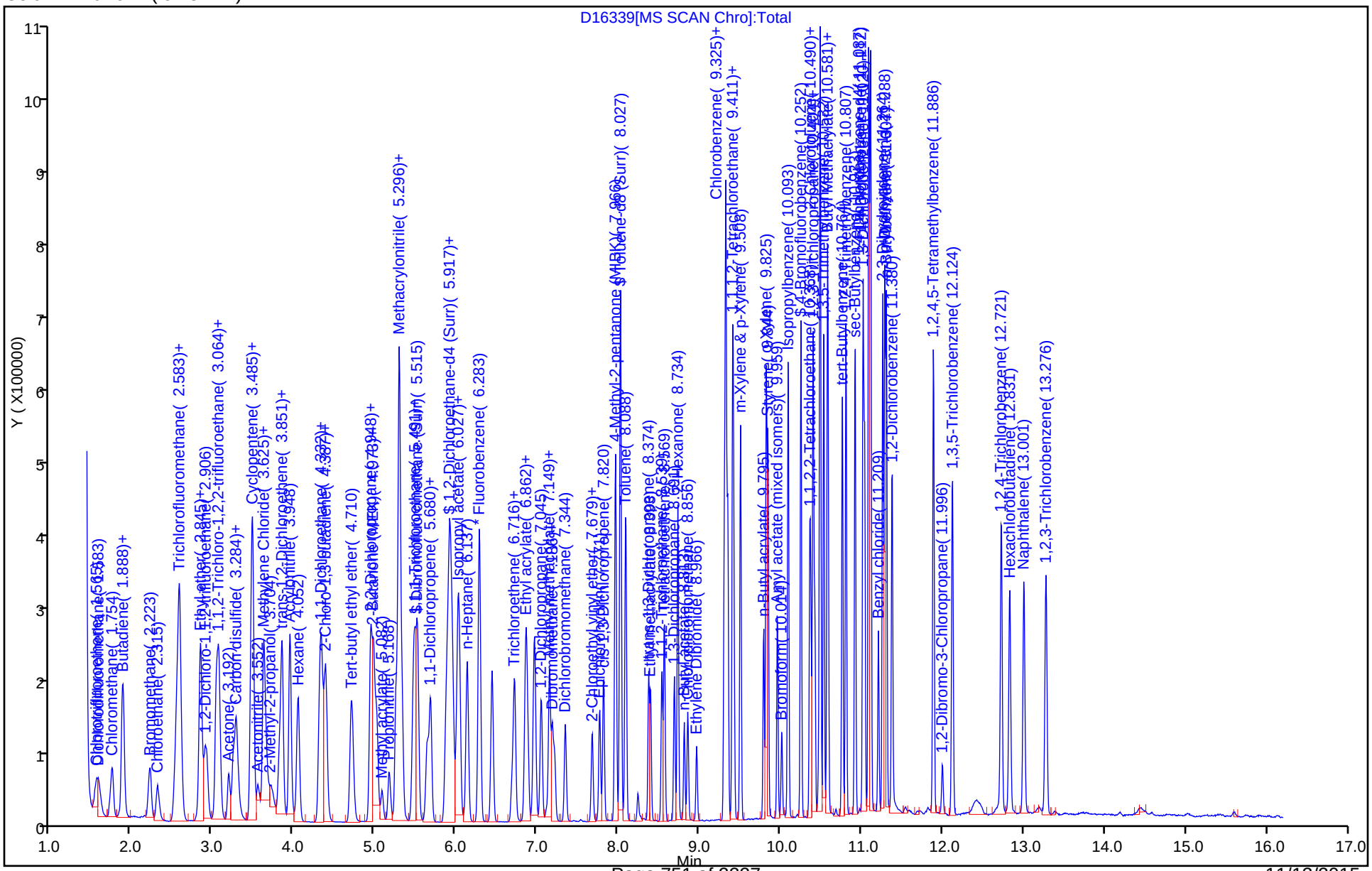
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89350.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 31-Oct-2015 13:01:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0033659-001
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 01-Nov-2015 11:24:14 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: tupayachia Date: 01-Nov-2015 11:24:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 136 BFB	95	2.239	2.239	0.000	96	86643	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

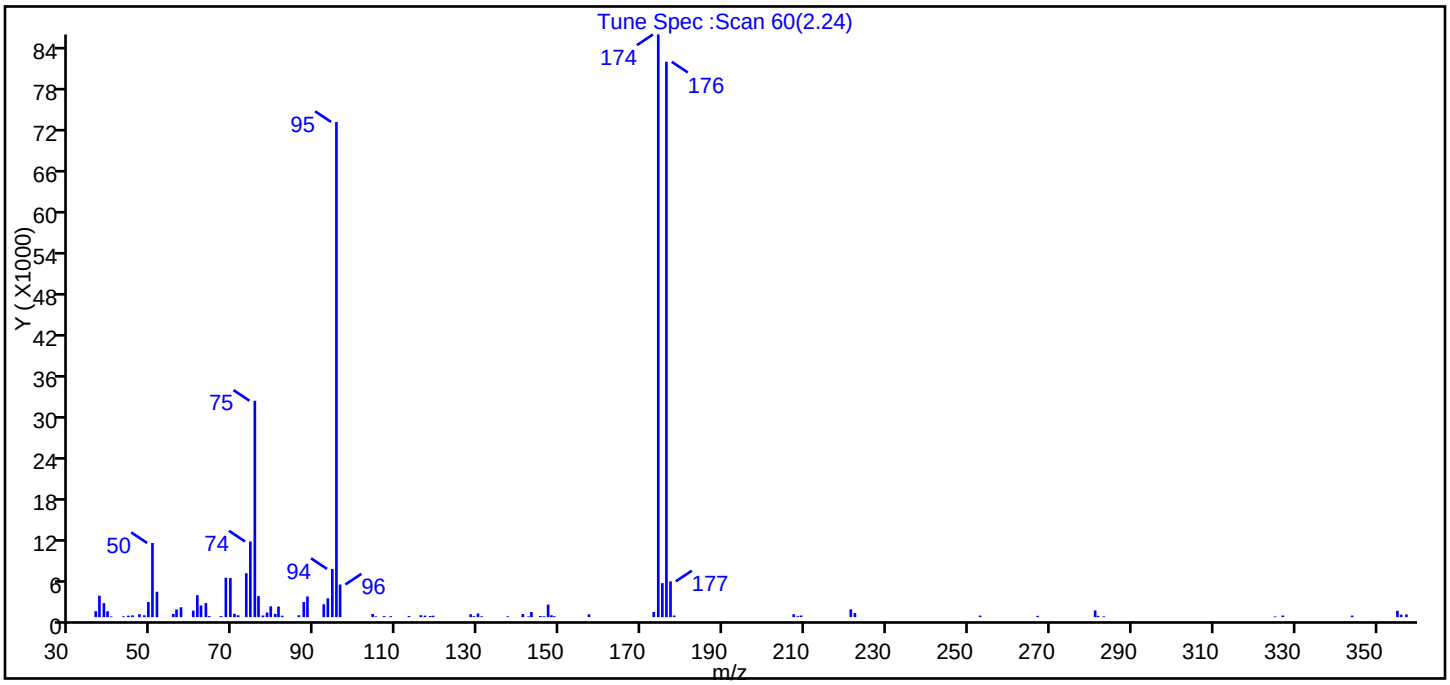
BFB_00008 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89350.D
Injection Date: 31-Oct-2015 13:01:30 Instrument ID: CVOAMS2
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 136 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.0
75	30 to 60% of m/z 95	43.7
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	1.0 (0.9)
174	50 to 120% of m/z 95	117.7
175	5 to 9% of m/z 174	6.9 (5.8)
176	Greater than 95% but less than 101% of m/z 174	112.1 (95.3)
177	5 to 9% of m/z 176	7.2 (6.4)

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89350.D\8260W_2.rslt\spectra.d
Injection Date: 31-Oct-2015 13:01:30
Spectrum: Tune Spec :Scan 60(2.24)
Base Peak: 174.00
Minimum % Base Peak: 0
Number of Points: 89

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.10	870	69.10	5722	106.80	153	175.00	4975
37.00	3147	70.10	489	108.40	143	176.00	81304
38.10	2050	71.00	278	112.90	172	177.00	5239
39.00	851	73.00	6437	115.80	284	177.90	239
39.90	105	74.00	11080	116.80	231	207.20	419
42.90	122	75.10	31680	118.10	163	208.20	132
44.10	213	76.00	3078	118.80	207	209.00	245
45.10	264	77.10	245	128.00	422	221.20	1141
46.80	429	78.10	686	128.80	134	222.20	599
48.00	264	79.00	1586	129.80	533	252.90	226
49.00	2228	80.10	481	130.70	130	267.00	188
50.00	10856	80.90	1550	137.10	125	281.10	985
51.10	3716	81.80	206	140.80	457	281.80	188
55.10	468	85.90	281	142.20	110	283.20	118
55.90	1132	87.10	2215	142.90	760	325.20	111
57.00	1447	88.00	3026	145.10	160	327.10	241
60.00	956	92.00	1873	146.00	129	344.10	232
61.00	3218	93.00	2760	147.00	1840	355.20	928
61.90	1702	94.10	7057	147.80	276	356.10	366
63.10	2058	95.10	72496	148.50	136	357.40	401
63.90	154	96.00	4780	157.00	412		
66.80	154	104.00	461	172.90	749		
68.00	5779	104.80	107	174.00	85304		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89755.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 09-Nov-2015 21:13:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0034015-001
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Nov-2015 13:32:50 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK027

First Level Reviewer: martineze Date: 10-Nov-2015 13:32:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 136 BFB	95	2.235	2.235	0.000	97	180989	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

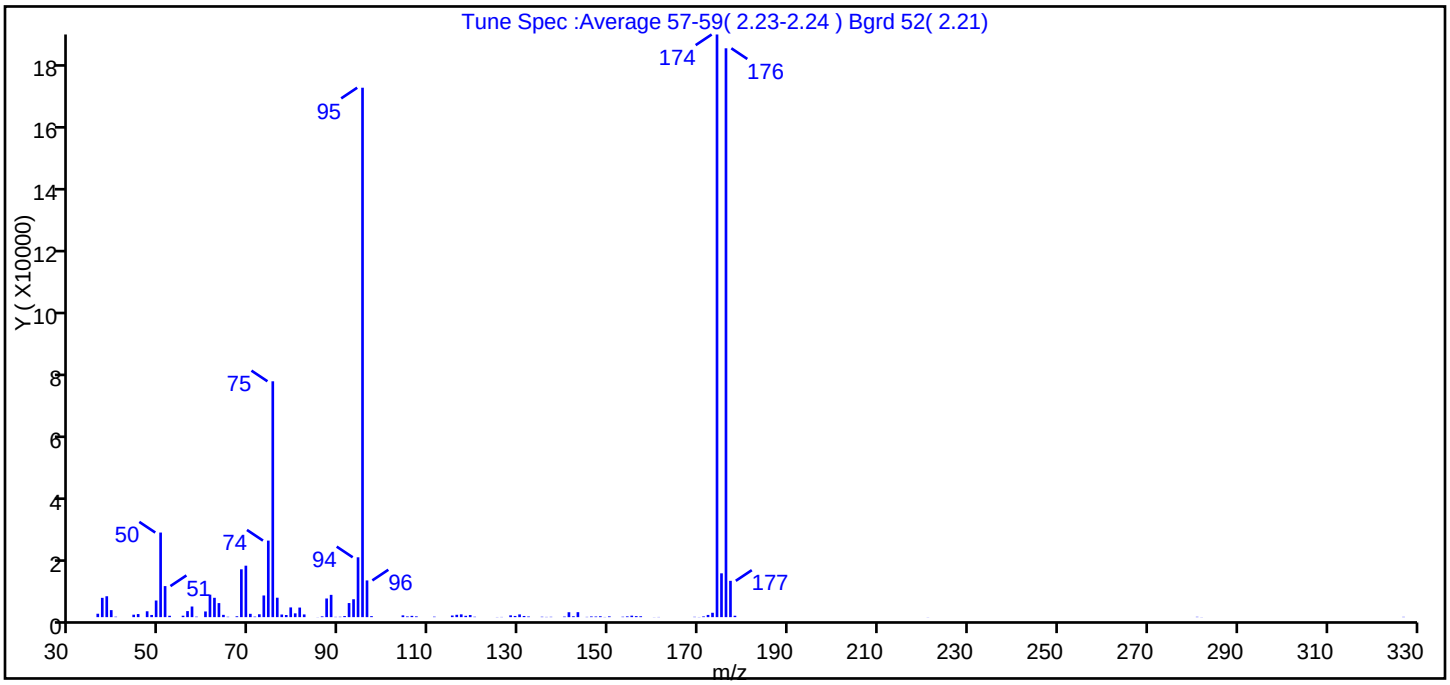
BFB_00008 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89755.D
Injection Date: 09-Nov-2015 21:13:30 Instrument ID: CVOAMS2
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 136 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	16.0
75	30 to 60% of m/z 95	44.5
96	5 to 9% of m/z 95	6.9
173	Less than 2% of m/z 174	0.8 (0.8)
174	50 to 120% of m/z 95	110.1
175	5 to 9% of m/z 174	8.3 (7.5)
176	Greater than 95% but less than 101% of m/z 174	107.4 (97.6)
177	5 to 9% of m/z 176	6.9 (6.4)

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89755.D\8260W_2.rslt\spectra.d
Injection Date: 09-Nov-2015 21:13:30
Spectrum: Tune Spec :Average 57-59(2.23-2.24) Bgrd 52(2.21)
Base Peak: 174.00
Minimum % Base Peak: 0
Number of Points: 104

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1076	70.00	1045	104.00	562	146.00	222
37.00	6084	71.00	168	105.00	226	147.00	201
38.00	6580	72.00	905	106.00	408	148.00	287
39.00	2209	73.00	6825	107.00	242	149.00	56
40.00	140	74.00	24104	111.00	150	150.00	243
44.00	776	75.00	74272	115.00	511	153.00	135
45.00	972	76.00	6118	116.00	740	154.00	247
47.00	1851	77.00	827	117.00	877	155.00	465
48.00	687	78.00	670	118.00	425	156.00	321
49.00	5239	79.00	3064	119.00	676	157.00	277
50.00	26640	80.00	1189	120.00	126	160.00	36
51.00	9778	81.00	3017	125.00	48	161.00	60
52.00	439	82.00	854	126.00	64	169.00	102
55.00	448	85.00	34	128.00	567	170.00	48
56.00	1904	86.00	243	129.00	378	171.00	232
57.00	3348	87.00	5873	130.00	862	172.00	697
58.00	155	88.00	7018	131.00	367	173.00	1378
60.00	1789	89.00	93	132.00	200	174.00	183488
61.00	7082	90.00	119	135.00	128	175.00	13801
62.00	6091	91.00	338	136.00	75	176.00	179136
63.00	4423	92.00	4435	137.00	105	177.00	11441
64.00	723	93.00	5636	140.00	178	178.00	443
65.00	124	94.00	18848	141.00	1545	221.00	33
67.00	275	95.00	166720	142.00	275	281.00	103
68.00	15067	96.00	11566	143.00	1566	282.00	37
69.00	16204	97.00	311	145.00	85	327.00	89

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\B89811.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 10-Nov-2015 20:52:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0034078-001
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 11:18:21 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: delpolitov Date: 11-Nov-2015 11:18:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 136 BFB	95	2.248	2.248	0.000	95	96468	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

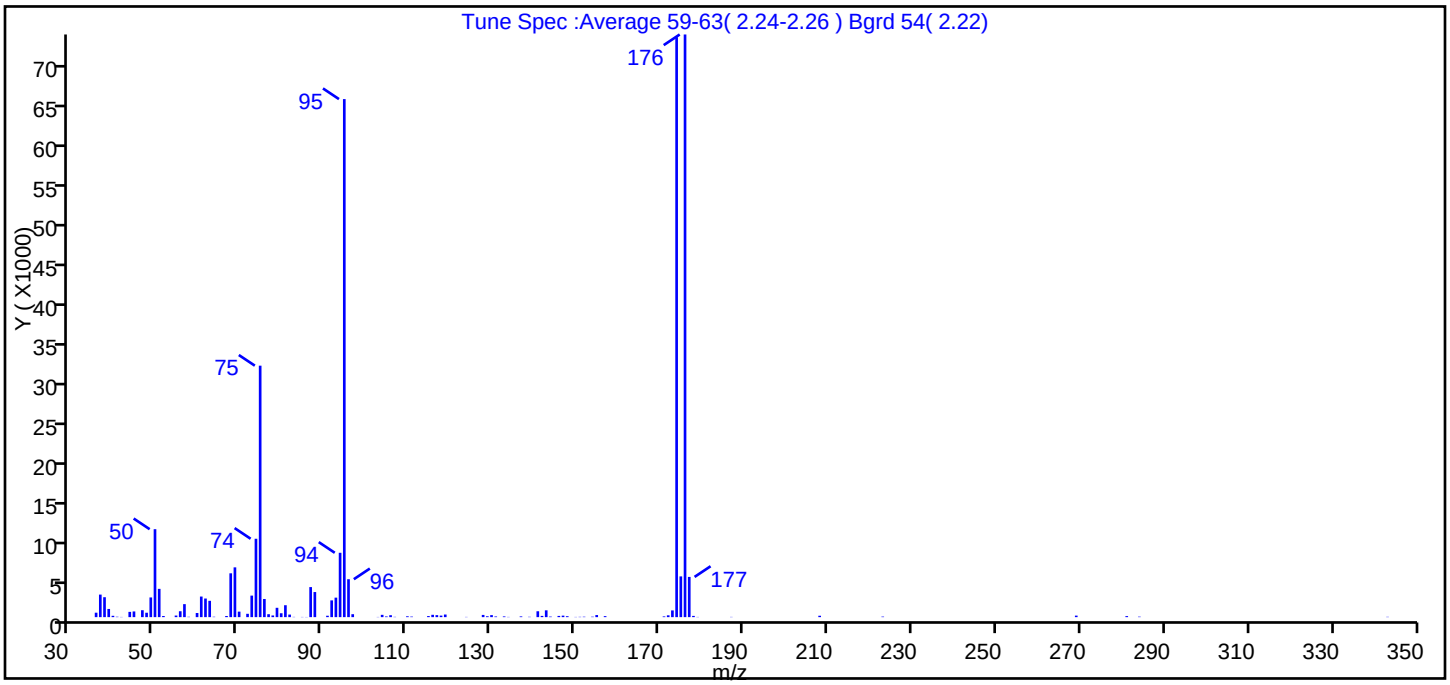
BFB_00008 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\B89811.D
Injection Date: 10-Nov-2015 20:52:30 Instrument ID: CVOAMS2
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 136 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.0
75	30 to 60% of m/z 95	48.5
96	5 to 9% of m/z 95	7.3
173	Less than 2% of m/z 174	1.3 (1.2)
174	50 to 120% of m/z 95	111.9
175	5 to 9% of m/z 174	7.9 (7.0)
176	Greater than 95% but less than 101% of m/z 174	112.5 (100.5)
177	5 to 9% of m/z 176	7.8 (6.9)

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\B89811.D\8260W_2.rslt\spectra.d
Injection Date: 10-Nov-2015 20:52:30
Spectrum: Tune Spec :Average 59-63(2.24-2.26) Bgrd 54(2.22)
Base Peak: 176.00
Minimum % Base Peak: 0
Number of Points: 101

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	563	69.00	6305	104.00	292	148.00	117
37.00	2856	70.00	698	105.00	87	150.00	27
38.00	2524	72.00	424	106.00	245	151.00	39
39.00	1037	73.00	2727	107.00	36	152.00	54
40.00	169	74.00	9927	110.00	108	154.00	58
41.00	52	75.00	31848	111.00	70	155.00	265
42.00	25	76.00	2299	115.00	136	157.00	128
44.00	668	77.00	372	116.00	296	171.00	92
45.00	722	78.00	212	117.00	254	172.00	231
47.00	878	79.00	1183	118.00	195	173.00	853
48.00	558	80.00	494	119.00	331	174.00	73448
49.00	2495	81.00	1509	124.00	29	175.00	5160
50.00	11138	82.00	325	128.00	281	176.00	73792
51.00	3582	83.00	31	129.00	110	177.00	5095
52.00	141	85.00	25	130.00	256	178.00	157
55.00	202	86.00	21	131.00	84	179.00	26
56.00	747	87.00	3807	133.00	91	187.00	30
57.00	1647	88.00	3179	134.00	28	208.00	177
58.00	44	91.00	178	137.00	93	223.00	68
60.00	525	92.00	2123	139.00	43	269.00	194
61.00	2608	93.00	2469	141.00	745	281.00	131
62.00	2358	94.00	8151	142.00	157	284.00	61
63.00	2067	95.00	65608	143.00	863	343.00	39
64.00	49	96.00	4803	144.00	71		
67.00	144	97.00	374	146.00	155		
68.00	5552	103.00	25	147.00	190		

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\C05022.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	29-Oct-2015 08:21:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0033563-001				
Operator ID:	VOA GC/MS3	Instrument ID:	CVOAMS3		
Method:	\\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\8260W_3.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	30-Oct-2015 18:34:54	Calib Date:	29-Oct-2015 13:14:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\C05033.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK018				
First Level Reviewer: tupayachia		Date:	29-Oct-2015 08:38:45		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 134 BFB	95	4.307	4.307	0.000	87	22911	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

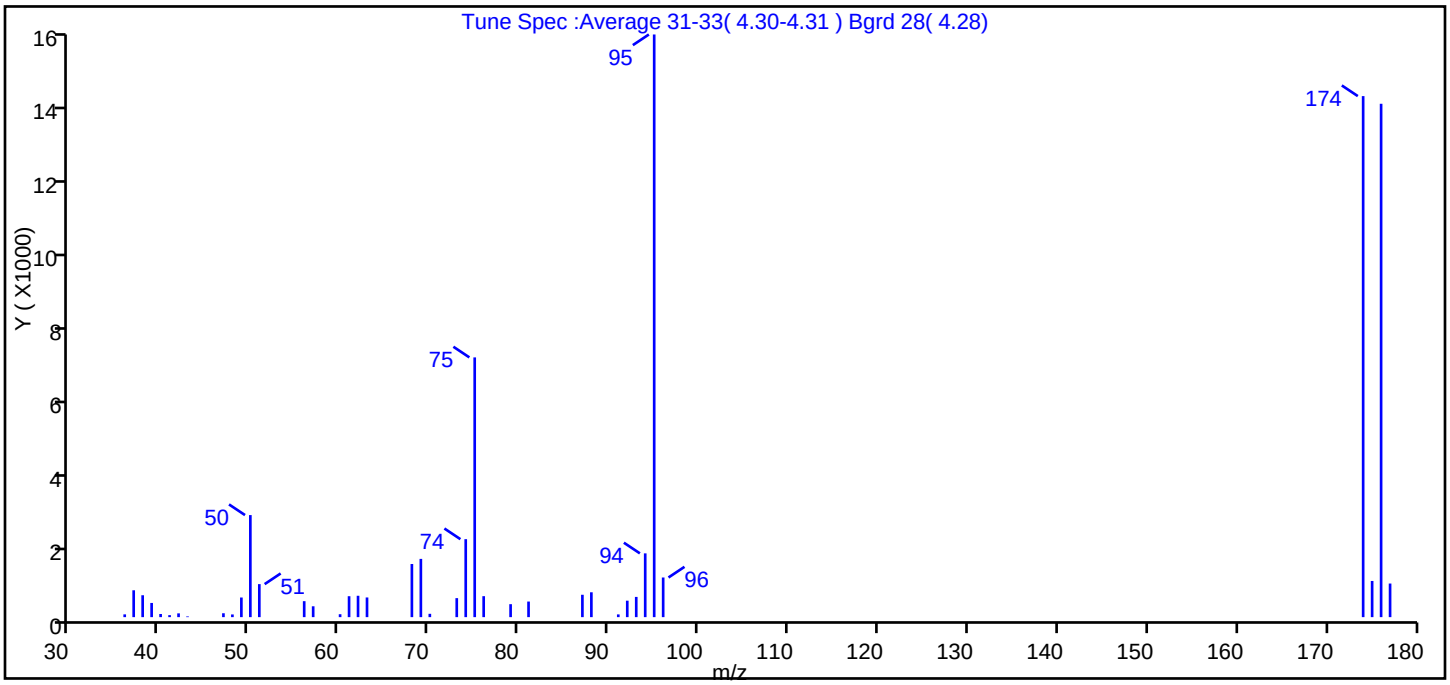
BFB_00008 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\C05022.D
Injection Date: 29-Oct-2015 08:21:30 Instrument ID: CVOAMS3
Lims ID: BFB
Client ID:
Operator ID: VOA GC/MS3 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_3 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 134 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.5
75	30 to 60% of m/z 95	44.6
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	89.4
175	5 to 9% of m/z 174	6.2 (6.9)
176	Greater than 95% but less than 101% of m/z 174	88.1 (98.5)
177	5 to 9% of m/z 176	5.8 (6.5)

Data File: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\C05022.D\8260W_3.rslt\spectra.d
Injection Date: 29-Oct-2015 08:21:30
Spectrum: Tune Spec :Average 31-33(4.30-4.31) Bgrd 28(4.28)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 40

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	75	49.00	530	69.00	1572	91.00	74
37.00	725	50.00	2754	70.00	90	92.00	444
38.00	591	51.00	891	73.00	513	93.00	546
39.00	383	56.00	431	74.00	2104	94.00	1721
40.00	85	57.00	293	75.00	7009	95.00	15723
41.00	54	60.00	79	76.00	566	96.00	1070
42.00	102	61.00	565	79.00	350	174.00	14060
43.00	19	62.00	577	81.00	421	175.00	976
47.00	105	63.00	531	87.00	604	176.00	13853
48.00	73	68.00	1434	88.00	671	177.00	907

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CVOAMS3\20151110-34067.b\C05504.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	10-Nov-2015 19:48:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0034067-001				
Operator ID:	VOA GC/MS3	Instrument ID:	CVOAMS3		
Method:	\\ChromNA\Edison\ChromData\CVOAMS3\20151110-34067.b\8260W_3.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	11-Nov-2015 08:08:09	Calib Date:	29-Oct-2015 13:14:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\C05033.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK027				
First Level Reviewer: desais		Date:	11-Nov-2015 08:02:38		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 134 BFB	95	4.285	4.285	0.000	93	17149	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

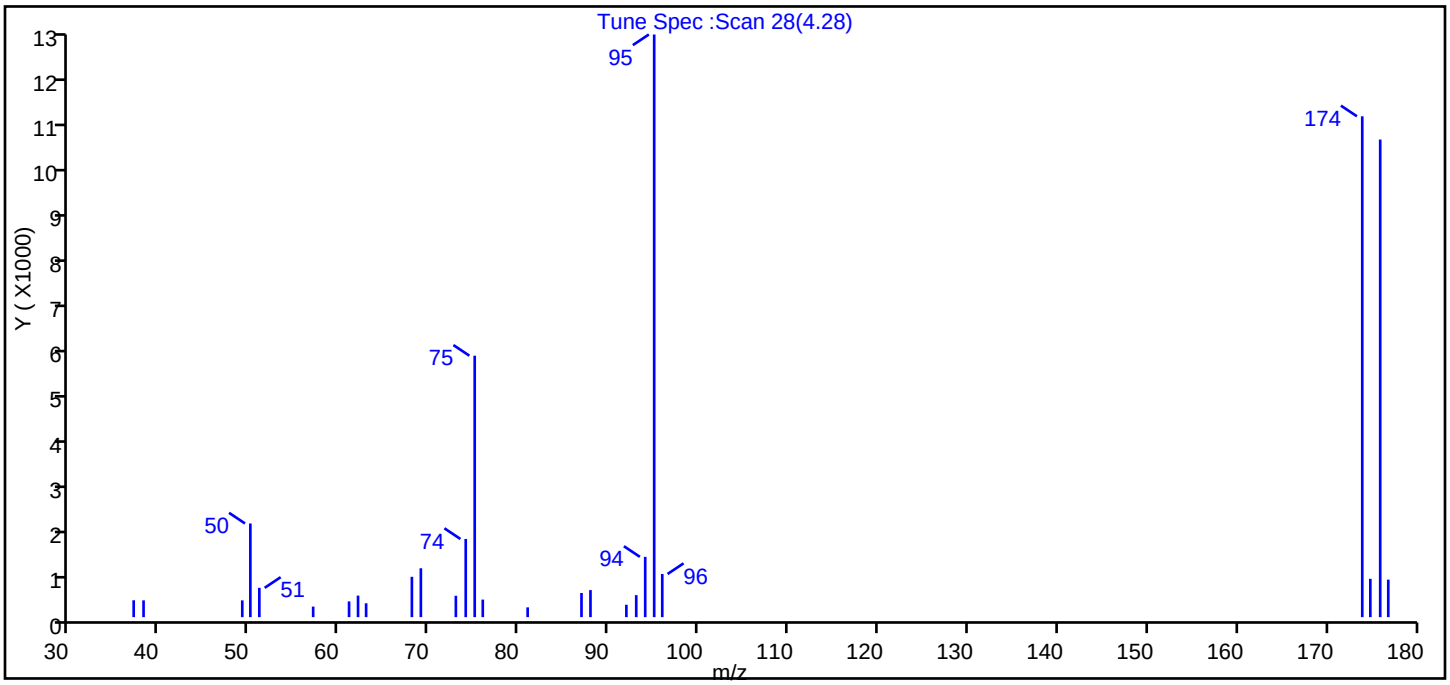
BFB_00008 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS3\20151110-34067.b\C05504.D
Injection Date: 10-Nov-2015 19:48:30 Instrument ID: CVOAMS3
Lims ID: BFB
Client ID:
Operator ID: VOA GC/MS3 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_3 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 134 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	16.1
75	30 to 60% of m/z 95	44.9
96	5 to 9% of m/z 95	7.4
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	86.0
175	5 to 9% of m/z 174	6.6 (7.7)
176	Greater than 95% but less than 101% of m/z 174	82.0 (95.4)
177	5 to 9% of m/z 176	6.4 (7.9)

Data File: \\ChromNA\Edison\ChromData\CVOAMS3\20151110-34067.b\C05504.D\8260W_3.rslt\spectra.d
Injection Date: 10-Nov-2015 19:48:30
Spectrum: Tune Spec :Scan 28(4.28)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 27

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	352	62.00	449	75.90	366	95.00	12149
38.10	350	62.90	289	80.90	204	95.90	900
49.10	350	68.00	841	86.90	504	173.90	10443
50.00	1953	69.00	1019	87.90	564	174.80	799
51.00	611	72.90	446	91.90	258	175.90	9958
57.00	220	74.00	1630	93.00	459	176.80	782
61.00	328	75.00	5451	94.00	1257		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16092.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 04-Nov-2015 21:03:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0033827-001
Operator ID: Instrument ID: CVOAMS4

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 05-Nov-2015 09:04:30 Calib Date: 05-Nov-2015 02:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: delpolitov Date: 05-Nov-2015 09:04:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 135 BFB	95	2.702	2.702	0.000	93	126689	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

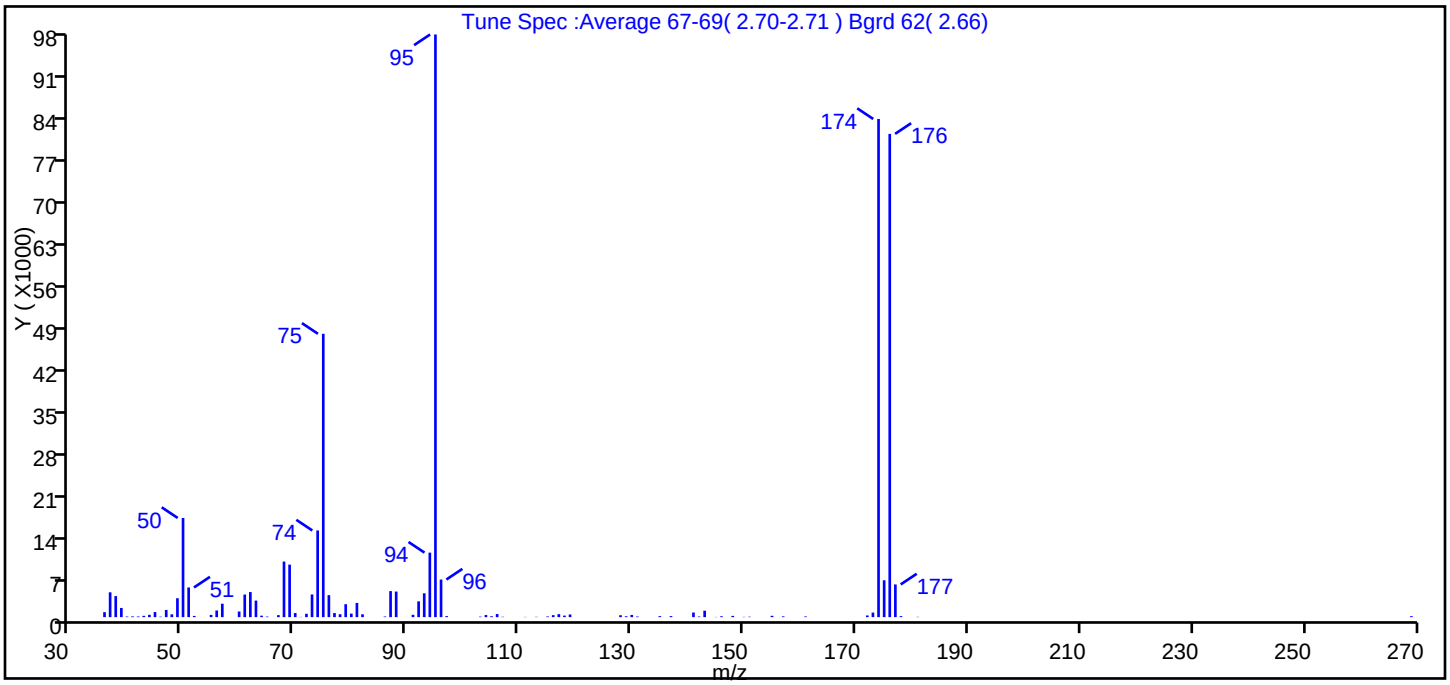
VMBFBn_00005 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16092.D
Injection Date: 04-Nov-2015 21:03:30 Instrument ID: CVOAMS4
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 135 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.0
75	30 to 60% of m/z 95	48.6
96	5 to 9% of m/z 95	6.5
173	Less than 2% of m/z 174	0.8 (0.9)
174	50 to 120% of m/z 95	85.5
175	5 to 9% of m/z 174	6.3 (7.4)
176	Greater than 95% but less than 101% of m/z 174	82.9 (97.0)
177	5 to 9% of m/z 176	5.6 (6.8)

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16092.D\8260S_4.rslt\spectra.d
Injection Date: 04-Nov-2015 21:03:30
Spectrum: Tune Spec :Average 67-69(2.70-2.71) Bgrd 62(2.66)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 90

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	833	63.00	2766	92.00	2638	137.00	174
37.00	4147	64.00	246	93.00	3980	141.00	771
38.00	3516	65.00	97	94.00	10773	142.00	100
39.00	1535	67.00	336	95.00	97304	143.00	1075
40.00	100	68.00	9286	96.00	6281	145.00	34
41.00	122	69.00	8771	97.00	169	146.00	143
42.00	110	70.00	684	103.00	83	148.00	209
43.00	218	71.00	38	104.00	352	150.00	46
44.00	390	72.00	561	105.00	149	151.00	75
45.00	850	73.00	3785	106.00	519	155.00	224
46.00	76	74.00	14473	107.00	62	157.00	129
47.00	1204	75.00	47320	111.00	38	161.00	115
48.00	469	76.00	3671	113.00	53	172.00	282
49.00	3158	77.00	684	115.00	113	173.00	766
50.00	16560	78.00	484	116.00	333	174.00	83192
51.00	4954	79.00	2161	117.00	502	175.00	6157
52.00	205	80.00	588	118.00	256	176.00	80704
55.00	374	81.00	2374	119.00	446	177.00	5463
56.00	1114	82.00	478	128.00	318	178.00	168
57.00	2246	86.00	105	129.00	144	181.00	48
60.00	944	87.00	4348	130.00	366	269.00	158
61.00	3772	88.00	4272	131.00	101		
62.00	4188	91.00	388	135.00	163		

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16314.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	09-Nov-2015 23:45:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0034014-001				
Operator ID:		Instrument ID:	CVOAMS4		
Method:	\\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\8260S_4.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	10-Nov-2015 12:13:30	Calib Date:	05-Nov-2015 02:31:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK027				
First Level Reviewer: martineze		Date:	10-Nov-2015 12:13:30		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 135 BFB	95	2.677	2.677	0.000	89	69748	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

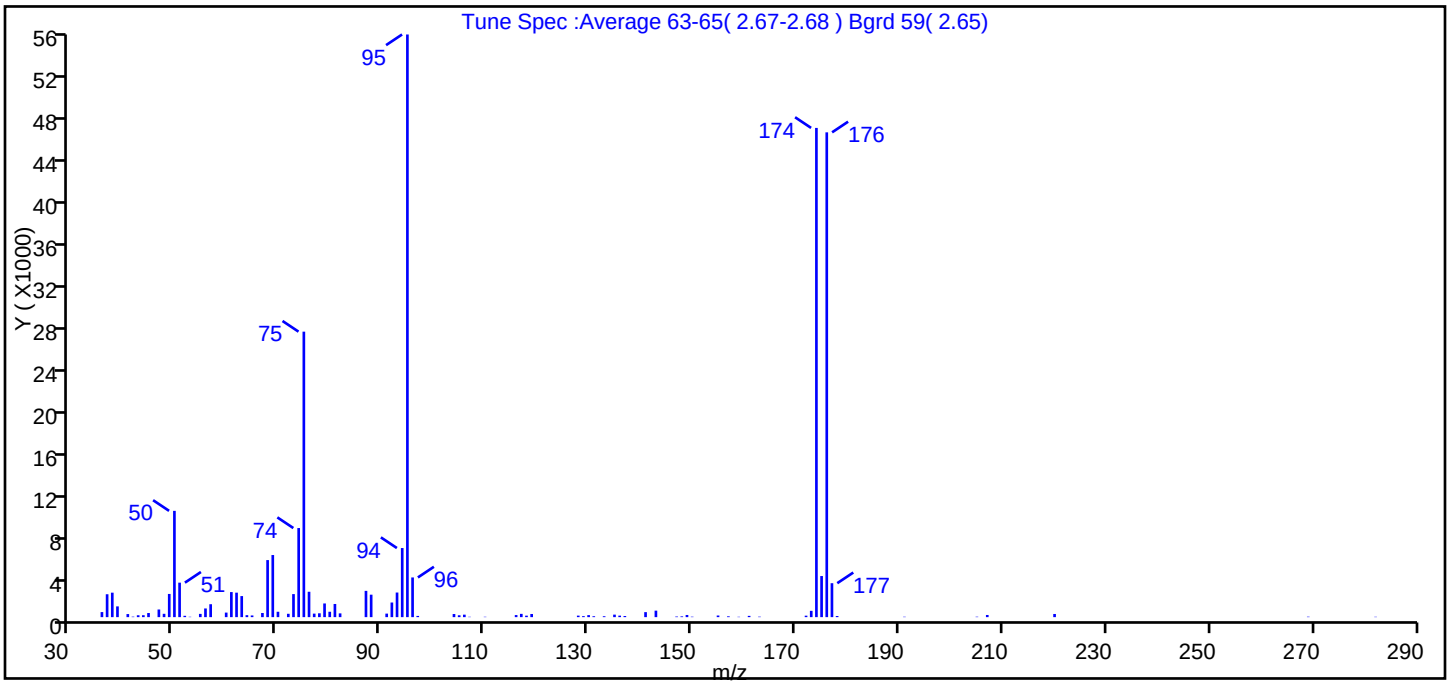
VMBFBn_00005 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16314.D
Injection Date: 09-Nov-2015 23:45:30 Instrument ID: CVOAMS4
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 135 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	18.2
75	30 to 60% of m/z 95	49.0
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	1.1 (1.3)
174	50 to 120% of m/z 95	84.0
175	5 to 9% of m/z 174	7.1 (8.4)
176	Greater than 95% but less than 101% of m/z 174	83.2 (99.1)
177	5 to 9% of m/z 176	5.8 (7.0)

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16314.D\8260S_4.rslt\spectra.d
Injection Date: 09-Nov-2015 23:45:30
Spectrum: Tune Spec :Average 63-65(2.67-2.68) Bgrd 59(2.65)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 90

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	485	64.00	189	95.00	55824	148.00	73
37.00	2194	65.00	162	96.00	3803	149.00	207
38.00	2345	67.00	396	97.00	117	150.00	43
39.00	1031	68.00	5467	104.00	300	155.00	156
41.00	295	69.00	5951	105.00	179	157.00	78
42.00	47	70.00	516	106.00	238	159.00	34
43.00	181	72.00	322	107.00	34	161.00	122
44.00	185	73.00	2208	110.00	35	163.00	46
45.00	395	74.00	8536	116.00	199	172.00	141
47.00	732	75.00	27352	117.00	314	173.00	605
48.00	320	76.00	2432	118.00	143	174.00	46872
49.00	2222	77.00	337	119.00	302	175.00	3938
50.00	10183	78.00	369	128.00	146	176.00	46448
51.00	3304	79.00	1311	129.00	95	177.00	3252
52.00	128	80.00	516	130.00	193	178.00	107
53.00	35	81.00	1261	131.00	86	191.00	37
55.00	312	82.00	361	133.00	85	205.00	42
56.00	832	87.00	2517	135.00	241	207.00	207
57.00	1239	88.00	2152	136.00	144	220.00	303
60.00	436	91.00	338	137.00	107	269.00	43
61.00	2402	92.00	1402	141.00	480	282.00	34
62.00	2345	93.00	2358	143.00	622		
63.00	2018	94.00	6620	147.00	59		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16337.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 10-Nov-2015 09:31:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0034037-001
Operator ID: Instrument ID: CVOAMS4

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Nov-2015 12:30:14 Calib Date: 05-Nov-2015 02:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK027

First Level Reviewer: martineze Date: 10-Nov-2015 09:34:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 135 BFB	95	2.683	2.683	0.000	87	64888	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

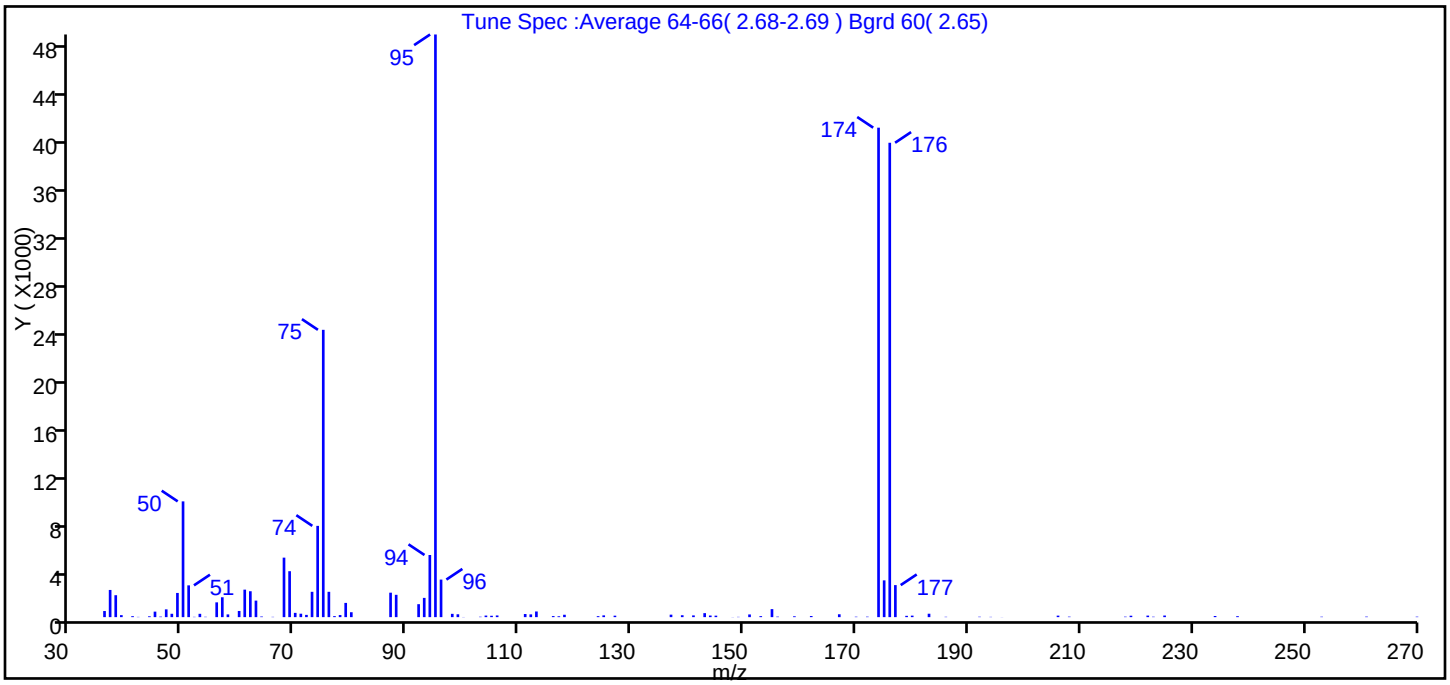
VMBFBn_00005 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16337.D
Injection Date: 10-Nov-2015 09:31:30 Instrument ID: CVOAMS4
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 135 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	19.9
75	30 to 60% of m/z 95	49.3
96	5 to 9% of m/z 95	6.4
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	84.0
175	5 to 9% of m/z 174	6.3 (7.5)
176	Greater than 95% but less than 101% of m/z 174	81.4 (96.9)
177	5 to 9% of m/z 176	5.5 (6.8)

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16337.D\8260S_4.rslt\spectra.d
Injection Date: 10-Nov-2015 09:31:30
Spectrum: Tune Spec :Average 64-66(2.68-2.69) Bgrd 60(2.65)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 102

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	512	68.00	4985	106.00	141	172.00	40
37.00	2278	69.00	3849	111.00	262	174.00	41008
38.00	1838	70.00	358	112.00	231	175.00	3082
39.00	167	71.00	288	113.00	475	176.00	39744
41.00	80	72.00	189	116.00	89	177.00	2684
42.00	21	73.00	2122	117.00	73	179.00	110
44.00	70	74.00	7647	118.00	200	180.00	127
45.00	462	75.00	24072	124.00	82	183.00	287
46.00	44	76.00	2123	125.00	148	186.00	29
47.00	653	77.00	85	127.00	123	192.00	35
48.00	282	78.00	175	137.00	208	194.00	23
49.00	2027	79.00	1193	139.00	160	196.00	7
50.00	9699	80.00	412	141.00	146	206.00	127
51.00	2663	87.00	2049	143.00	335	208.00	42
52.00	25	88.00	1870	144.00	135	218.00	40
53.00	279	92.00	1086	145.00	125	219.00	119
54.00	29	93.00	1613	148.00	10	222.00	129
56.00	1239	94.00	5206	149.00	23	223.00	36
57.00	1665	95.00	48816	151.00	226	225.00	135
58.00	230	96.00	3147	153.00	84	234.00	96
60.00	517	98.00	277	155.00	672	238.00	79
61.00	2304	99.00	241	156.00	43	253.00	37
62.00	2170	100.00	13	159.00	71	261.00	44
63.00	1385	103.00	34	162.00	93	270.00	40
64.00	52	104.00	132	167.00	241		
66.00	24	105.00	116	170.00	37		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334208/6

Matrix: Solid | Lab File ID: D16319.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 02:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.38	U	1.0	0.38
74-83-9	Bromomethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.39	U	1.0	0.39
75-00-3	Chloroethane	0.35	U	1.0	0.35
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.43	U	1.0	0.43
75-69-4	Trichlorofluoromethane	0.34	U	1.0	0.34
75-35-4	1,1-Dichloroethene	0.41	U	1.0	0.41
75-34-3	1,1-Dichloroethane	0.34	U	1.0	0.34
156-60-5	trans-1,2-Dichloroethene	0.39	U	1.0	0.39
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
67-66-3	Chloroform	0.21	U	1.0	0.21
78-93-3	2-Butanone	0.77	U	5.0	0.77
107-06-2	1,2-Dichloroethane	0.11	U	1.0	0.11
71-55-6	1,1,1-Trichloroethane	0.38	U	1.0	0.38
56-23-5	Carbon tetrachloride	0.43	U	1.0	0.43
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.13	U	1.0	0.13
100-42-5	Styrene	0.15	U	1.0	0.15
100-41-4	Ethylbenzene	0.18	U	1.0	0.18
108-90-7	Chlorobenzene	0.14	U	1.0	0.14
110-82-7	Cyclohexane	0.46	U	1.0	0.46
98-82-8	Isopropylbenzene	0.17	U	1.0	0.17
591-78-6	2-Hexanone	0.94	U	5.0	0.94
1634-04-4	MTBE	0.17	U	1.0	0.17
76-13-1	Freon TF	0.44	U	1.0	0.44
79-20-9	Methyl acetate	0.90	U	5.0	0.90
123-91-1	1,4-Dioxane	6.4	U	20	6.4
79-01-6	Trichloroethene	0.26	U	1.0	0.26
108-88-3	Toluene	0.19	U	1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	2.2	U	5.0	2.2
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	0.14	U	1.0	0.14
541-73-1	1,3-Dichlorobenzene	0.12	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334208/6

Matrix: Solid | Lab File ID: D16319.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 02:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.13	U	1.0	0.13
120-82-1	1,2,4-Trichlorobenzene	0.32	U	1.0	0.32
87-61-6	1,2,3-Trichlorobenzene	0.11	U	1.0	0.11
78-87-5	1,2-Dichloropropane	0.17	U	1.0	0.17
108-87-2	Methylcyclohexane	0.50	U	1.0	0.50
127-18-4	Tetrachloroethene	0.28	U	1.0	0.28
1330-20-7	Xylenes, Total	0.11	U	2.0	0.11
96-12-8	1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47
79-34-5	1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17
79-00-5	1,1,2-Trichloroethane	0.28	U	1.0	0.28
124-48-1	Dibromochloromethane	0.15	U	1.0	0.15
106-93-4	1,2-Dibromoethane	0.12	U	1.0	0.12
75-71-8	Dichlorodifluoromethane	0.32	U	1.0	0.32
74-97-5	Bromochloromethane	0.17	U	1.0	0.17
75-27-4	Bromodichloromethane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		78-135
2037-26-5	Toluene-d8 (Surr)	109		73-121
460-00-4	Bromofluorobenzene	116		67-126
1868-53-7	Dibromofluoromethane (Surr)	113		61-149

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-334208/6

Matrix: Solid Lab File ID: D16319.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/10/2015 02:05

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 334208 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16319.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 10-Nov-2015 02:05:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0034014-006
Operator ID: Instrument ID: CVOAMS4

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Nov-2015 12:40:42 Calib Date: 05-Nov-2015 02:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: baronm Date: 12-Nov-2015 12:41:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	3.644	3.644	0.000	89	232744	1000.0	1000.0	
* 38 2-Butanone-d5	46	4.948	4.948	0.000	96	199899	250.0	250.0	
$ 51 Dibromofluoromethane (Surr	113	5.522	5.528	-0.006	97	105358	50.0	56.6	
$ 56 1,2-Dichloroethane-d4 (Sur	102	5.954	5.954	0.000	97	21843	50.0	54.1	
* 62 Fluorobenzene	96	6.284	6.283	0.001	98	356691	50.0	50.0	
* 68 1,4-Dioxane-d8	96	7.131	7.125	0.006	27	16230	1000.0	1000.0	
$ 79 Toluene-d8 (Surr)	98	8.027	8.027	0.000	99	378232	50.0	54.3	
* 90 Chlorobenzene-d5	117	9.326	9.326	0.000	87	289349	50.0	50.0	
$ 101 4-Bromofluorobenzene	174	10.252	10.252	0.000	93	136252	50.0	58.1	
* 117 1,4-Dichlorobenzene-d4	152	11.094	11.094	0.000	96	168912	50.0	50.0	

Reagents:

8260SURR250_00098 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

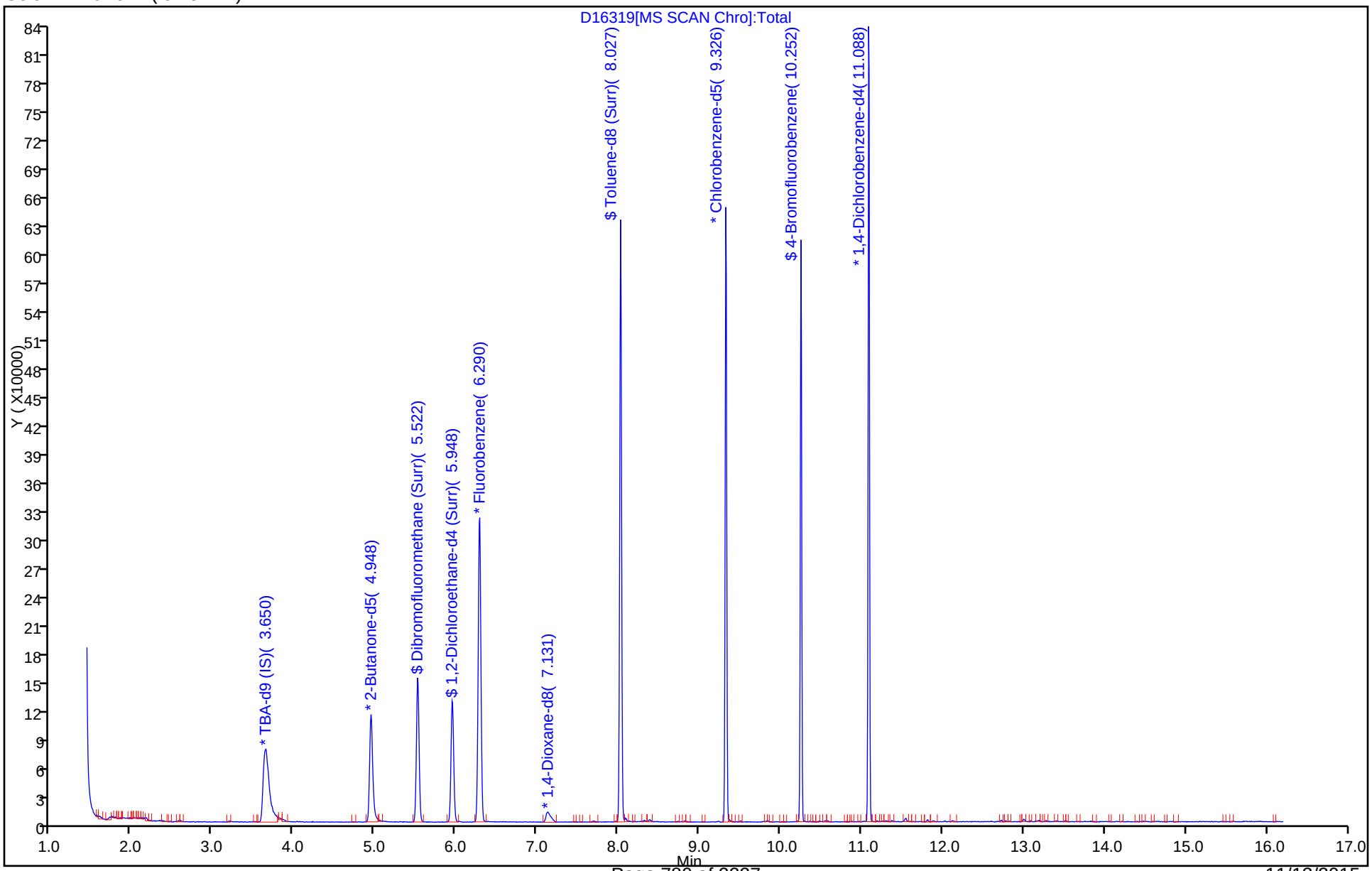
Report Date: 12-Nov-2015 12:41:08 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16319.D

Injection Date:	10-Nov-2015 02:05:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	MB			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334211/7

Matrix: Solid | Lab File ID: B89761.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 00:04

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 334211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	11	U	50	11
74-83-9	Bromomethane	9.0	U	50	9.0
75-01-4	Vinyl chloride	10	U	50	10
75-00-3	Chloroethane	19	U	50	19
75-09-2	Methylene Chloride	11	U	50	11
67-64-1	Acetone	54	U	250	54
75-15-0	Carbon disulfide	11	U	50	11
75-69-4	Trichlorofluoromethane	7.5	U	50	7.5
75-35-4	1,1-Dichloroethene	17	U	50	17
75-34-3	1,1-Dichloroethane	12	U	50	12
156-60-5	trans-1,2-Dichloroethene	9.0	U	50	9.0
156-59-2	cis-1,2-Dichloroethene	13	U	50	13
67-66-3	Chloroform	11	U	50	11
78-93-3	2-Butanone	110	U	250	110
107-06-2	1,2-Dichloroethane	13	U	50	13
71-55-6	1,1,1-Trichloroethane	14	U	50	14
56-23-5	Carbon tetrachloride	17	U	50	17
71-43-2	Benzene	9.5	U	50	9.5
75-25-2	Bromoform	9.0	U	50	9.0
100-42-5	Styrene	8.5	U	50	8.5
100-41-4	Ethylbenzene	15	U	50	15
108-90-7	Chlorobenzene	12	U	50	12
110-82-7	Cyclohexane	13	U	50	13
98-82-8	Isopropylbenzene	16	U	50	16
591-78-6	2-Hexanone	36	U	250	36
1634-04-4	MTBE	6.5	U	50	6.5
76-13-1	Freon TF	17	U	50	17
79-20-9	Methyl acetate	29	U	250	29
123-91-1	1,4-Dioxane	440	U	1300	440
79-01-6	Trichloroethene	11	U	50	11
108-88-3	Toluene	13	U	50	13
10061-02-6	trans-1,3-Dichloropropene	9.5	U	50	9.5
108-10-1	4-Methyl-2-pentanone	32	U	250	32
10061-01-5	cis-1,3-Dichloropropene	8.0	U	50	8.0
95-50-1	1,2-Dichlorobenzene	11	U	50	11
541-73-1	1,3-Dichlorobenzene	17	U	50	17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334211/7

Matrix: Solid | Lab File ID: B89761.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 00:04

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 334211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	17	U	50	17
120-82-1	1,2,4-Trichlorobenzene	14	U	50	14
87-61-6	1,2,3-Trichlorobenzene	18	U	50	18
78-87-5	1,2-Dichloropropane	9.0	U	50	9.0
108-87-2	Methylcyclohexane	11	U	50	11
127-18-4	Tetrachloroethene	18	U	50	18
1330-20-7	Xylenes, Total	14	U	100	14
96-12-8	1,2-Dibromo-3-Chloropropane	12	U	50	12
79-34-5	1,1,2,2-Tetrachloroethane	9.5	U	50	9.5
79-00-5	1,1,2-Trichloroethane	4.0	U	50	4.0
124-48-1	Dibromochloromethane	11	U	50	11
106-93-4	1,2-Dibromoethane	9.5	U	50	9.5
75-71-8	Dichlorodifluoromethane	7.0	U	50	7.0
74-97-5	Bromochloromethane	15	U	50	15
75-27-4	Bromodichloromethane	7.5	U	50	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		69-145
2037-26-5	Toluene-d8 (Surr)	106		72-136
460-00-4	Bromofluorobenzene	103		64-131
1868-53-7	Dibromofluoromethane (Surr)	105		74-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334211/7

Matrix: Solid | Lab File ID: B89761.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 00:04

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 334211 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89761.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 10-Nov-2015 00:04:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: MB
Misc. Info.: 460-0034015-007
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Nov-2015 14:57:21 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: baronm Date: 10-Nov-2015 14:57:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.599	2.607	-0.008	86	251093	1000.0	1000.0	
* 158 2-Butanone-d5	46	3.677	3.677	0.000	99	233153	250.0	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.196	4.204	-0.008	91	133834	50.0	52.3	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.574	4.574	0.000	94	129809	50.0	49.7	
* 62 Fluorobenzene	96	4.879	4.879	0.000	99	504043	50.0	50.0	
* 69 1,4-Dioxane-d8	96	5.727	5.718	0.009	92	22056	1000.0	1000.0	
$ 80 Toluene-d8 (Surr)	98	6.862	6.862	0.000	99	451951	50.0	53.1	
* 91 Chlorobenzene-d5	117	8.492	8.492	0.000	83	433402	50.0	50.0	
$ 102 4-Bromofluorobenzene	174	9.611	9.603	0.008	97	191311	50.0	51.7	
* 119 1,4-Dichlorobenzene-d4	152	10.574	10.574	0.000	93	269056	50.0	50.0	

Reagents:

8260SURR250_00096 Amount Added: 1.00 Units: uL
8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

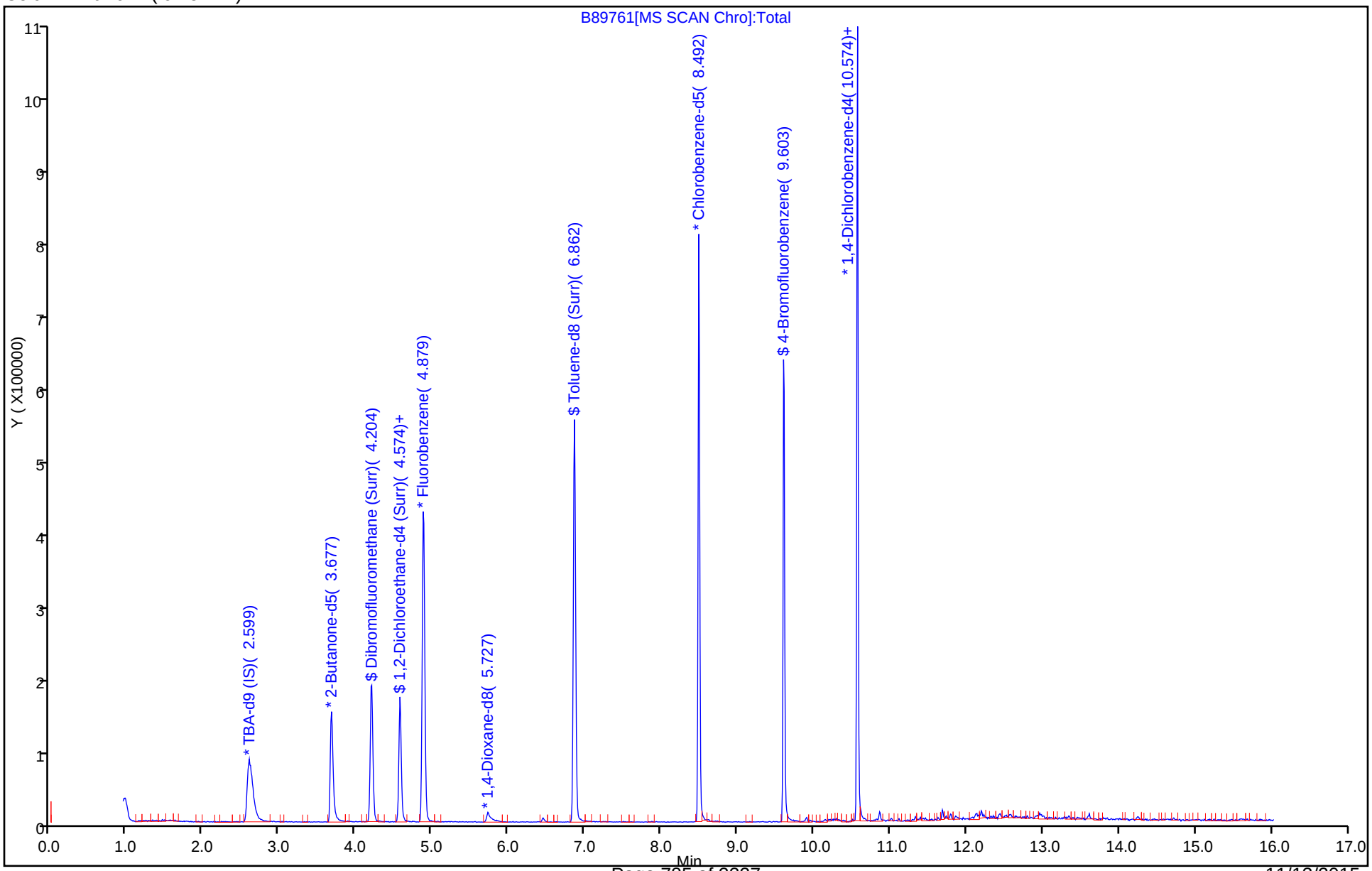
Report Date: 10-Nov-2015 14:57:24 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89761.D

Injection Date:	10-Nov-2015 00:04:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	6
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334289/7

Matrix: Solid | Lab File ID: D16343.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 12:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334289 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.38	U	1.0	0.38
74-83-9	Bromomethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.39	U	1.0	0.39
75-00-3	Chloroethane	0.35	U	1.0	0.35
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.43	U	1.0	0.43
75-69-4	Trichlorofluoromethane	0.34	U	1.0	0.34
75-35-4	1,1-Dichloroethene	0.41	U	1.0	0.41
75-34-3	1,1-Dichloroethane	0.34	U	1.0	0.34
156-60-5	trans-1,2-Dichloroethene	0.39	U	1.0	0.39
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
67-66-3	Chloroform	0.21	U	1.0	0.21
78-93-3	2-Butanone	0.77	U	5.0	0.77
107-06-2	1,2-Dichloroethane	0.11	U	1.0	0.11
71-55-6	1,1,1-Trichloroethane	0.38	U	1.0	0.38
56-23-5	Carbon tetrachloride	0.43	U	1.0	0.43
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.13	U	1.0	0.13
100-42-5	Styrene	0.15	U	1.0	0.15
100-41-4	Ethylbenzene	0.18	U	1.0	0.18
108-90-7	Chlorobenzene	0.14	U	1.0	0.14
110-82-7	Cyclohexane	0.46	U	1.0	0.46
98-82-8	Isopropylbenzene	0.17	U	1.0	0.17
591-78-6	2-Hexanone	0.94	U	5.0	0.94
1634-04-4	MTBE	0.17	U	1.0	0.17
76-13-1	Freon TF	0.44	U	1.0	0.44
79-20-9	Methyl acetate	0.90	U	5.0	0.90
123-91-1	1,4-Dioxane	6.4	U	20	6.4
79-01-6	Trichloroethene	0.26	U	1.0	0.26
108-88-3	Toluene	0.19	U	1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	2.2	U	5.0	2.2
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	0.14	U	1.0	0.14
541-73-1	1,3-Dichlorobenzene	0.12	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334289/7

Matrix: Solid | Lab File ID: D16343.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 12:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334289 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.13	U	1.0	0.13
120-82-1	1,2,4-Trichlorobenzene	0.32	U	1.0	0.32
87-61-6	1,2,3-Trichlorobenzene	0.11	U	1.0	0.11
78-87-5	1,2-Dichloropropane	0.17	U	1.0	0.17
108-87-2	Methylcyclohexane	0.50	U	1.0	0.50
127-18-4	Tetrachloroethene	0.28	U	1.0	0.28
1330-20-7	Xylenes, Total	0.11	U	2.0	0.11
96-12-8	1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47
79-34-5	1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17
79-00-5	1,1,2-Trichloroethane	0.28	U	1.0	0.28
124-48-1	Dibromochloromethane	0.15	U	1.0	0.15
106-93-4	1,2-Dibromoethane	0.12	U	1.0	0.12
75-71-8	Dichlorodifluoromethane	0.32	U	1.0	0.32
74-97-5	Bromochloromethane	0.17	U	1.0	0.17
75-27-4	Bromodichloromethane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		78-135
2037-26-5	Toluene-d8 (Surr)	95		73-121
460-00-4	Bromofluorobenzene	95		67-126
1868-53-7	Dibromofluoromethane (Surr)	106		61-149

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-334289/7

Matrix: Solid Lab File ID: D16343.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/10/2015 12:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 334289 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16343.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 10-Nov-2015 12:15:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LB3 460-334158/1-A
Misc. Info.: 460-0034037-007
Operator ID: Instrument ID: CVOAMS4

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Nov-2015 13:51:17 Calib Date: 05-Nov-2015 02:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK006

First Level Reviewer: delpolitov Date: 10-Nov-2015 13:58:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	3.638	3.644	-0.006	89	293680	1000.0	1000.0	
* 38 2-Butanone-d5	46	4.942	4.942	0.000	96	258057	250.0	250.0	
$ 51 Dibromofluoromethane (Surr	113	5.521	5.521	0.000	97	113309	50.0	52.8	
$ 56 1,2-Dichloroethane-d4 (Sur	102	5.954	5.948	0.006	96	24119	50.0	51.8	
* 62 Fluorobenzene	96	6.284	6.283	0.001	98	411328	50.0	50.0	
* 68 1,4-Dioxane-d8	96	7.119	7.112	0.007	31	21878	1000.0	1000.0	
$ 79 Toluene-d8 (Surr)	98	8.027	8.027	0.000	99	399082	50.0	47.4	
* 90 Chlorobenzene-d5	117	9.326	9.325	0.001	87	350001	50.0	50.0	
$ 101 4-Bromofluorobenzene	174	10.252	10.252	0.000	93	133098	50.0	47.5	
* 117 1,4-Dichlorobenzene-d4	152	11.087	11.087	0.000	96	201790	50.0	50.0	

Reagents:

8260SURR250_00098 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

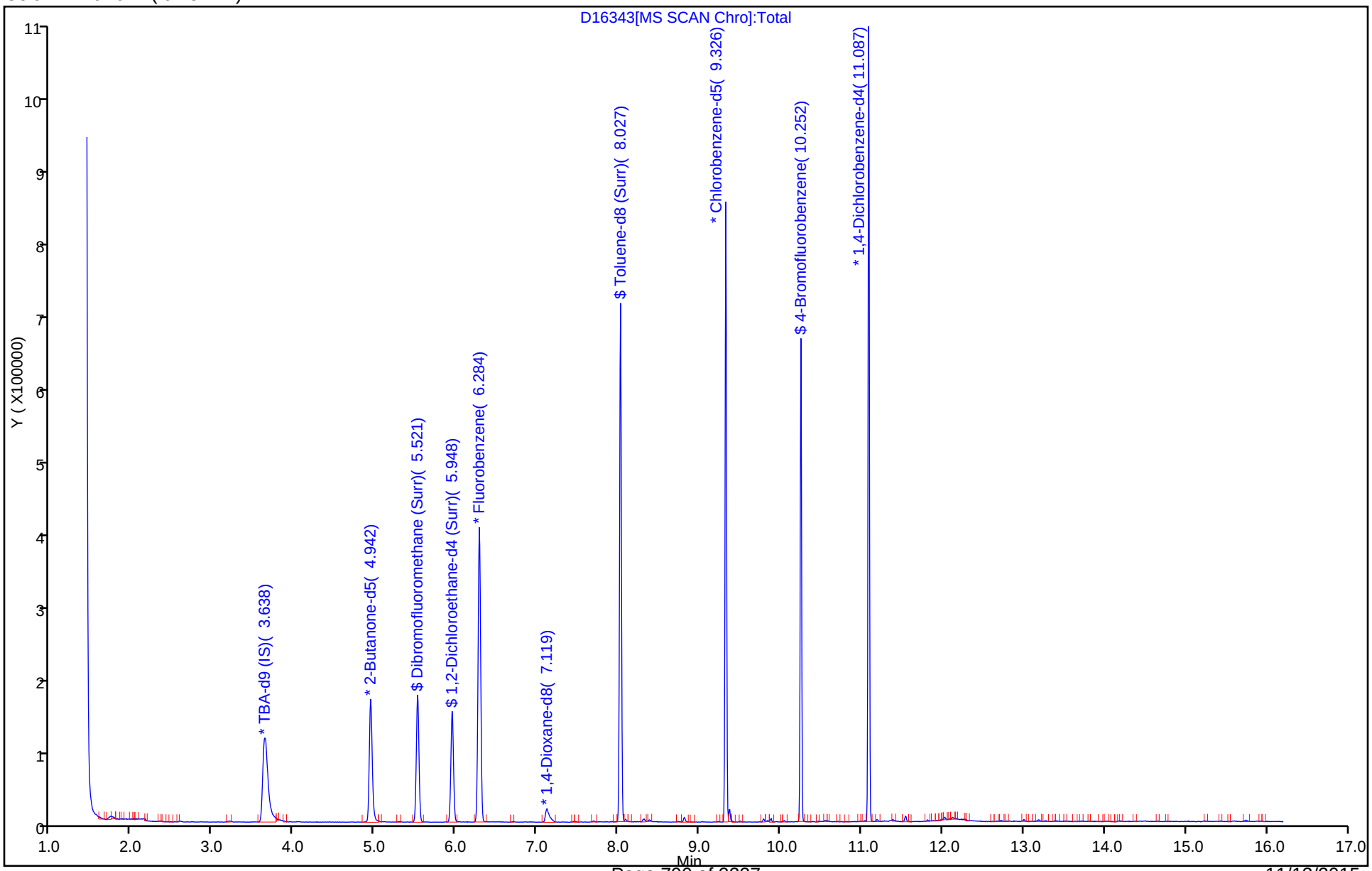
Report Date: 10-Nov-2015 13:58:33 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16343.D

Injection Date:	10-Nov-2015 12:15:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334455/7

Matrix: Water | Lab File ID: C05510.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 22:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334455 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.22	U	1.0	0.22
74-83-9	Bromomethane	0.18	U	1.0	0.18
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
75-00-3	Chloroethane	0.37	U	1.0	0.37
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	0.18	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
67-66-3	Chloroform	0.22	U	1.0	0.22
78-93-3	2-Butanone	2.2	U	5.0	2.2
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
71-43-2	Benzene	0.090	U	1.0	0.090
75-25-2	Bromoform	0.18	U	1.0	0.18
100-42-5	Styrene	0.17	U	1.0	0.17
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
110-82-7	Cyclohexane	0.26	U	1.0	0.26
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
76-13-1	Freon TF	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.58	U	5.0	0.58
123-91-1	1,4-Dioxane	8.7	U	50	8.7
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
95-50-1	1,2-Dichlorobenzene	0.22	U	1.0	0.22
541-73-1	1,3-Dichlorobenzene	0.33	U	1.0	0.33

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334455/7

Matrix: Water | Lab File ID: C05510.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 22:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334455 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
120-82-1	1,2,4-Trichlorobenzene	0.27	U	1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	0.35	U	1.0	0.35
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
74-97-5	Bromochloromethane	0.30	U	1.0	0.30
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		70-137
2037-26-5	Toluene-d8 (Surr)	81		74-120
460-00-4	Bromofluorobenzene	93		70-131
1868-53-7	Dibromofluoromethane (Surr)	100		72-136

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-334455/7

Matrix: Water Lab File ID: C05510.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/10/2015 22:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 334455 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS3\20151110-34067.b\C05510.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 10-Nov-2015 22:37:30 ALS Bottle#: 3 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0034067-007
Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3

Method: \\ChromNA\Edison\ChromData\CVOAMS3\20151110-34067.b\8260W_3.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 08:08:10 Calib Date: 29-Oct-2015 13:14:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\C05033.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK027

First Level Reviewer: desais Date: 11-Nov-2015 07:58:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.225	3.225	0.000	85	372645	1000.0	1000.0	
* 38 2-Butanone-d5	46	4.419	4.419	0.000	98	304329	250.0	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.955	4.955	0.000	90	119351	50.0	50.2	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.356	5.363	-0.007	88	106580	50.0	43.2	
* 61 Fluorobenzene	96	5.670	5.671	0.000	100	421930	50.0	50.0	
* 67 1,4-Dioxane-d8	96	6.450	6.450	0.000	95	46415	1000.0	1000.0	
$ 78 Toluene-d8 (Surr)	98	7.351	7.351	0.000	99	468759	50.0	40.7	
* 89 Chlorobenzene-d5	117	8.645	8.645	0.000	82	410215	50.0	50.0	
$ 100 4-Bromofluorobenzene	174	9.582	9.582	0.000	97	206661	50.0	46.3	
* 116 1,4-Dichlorobenzene-d4	152	10.432	10.425	0.007	91	235052	50.0	50.0	

Reagents:

8260ISSUR50_00019 Amount Added: 5.00 Units: uL Run Reagent

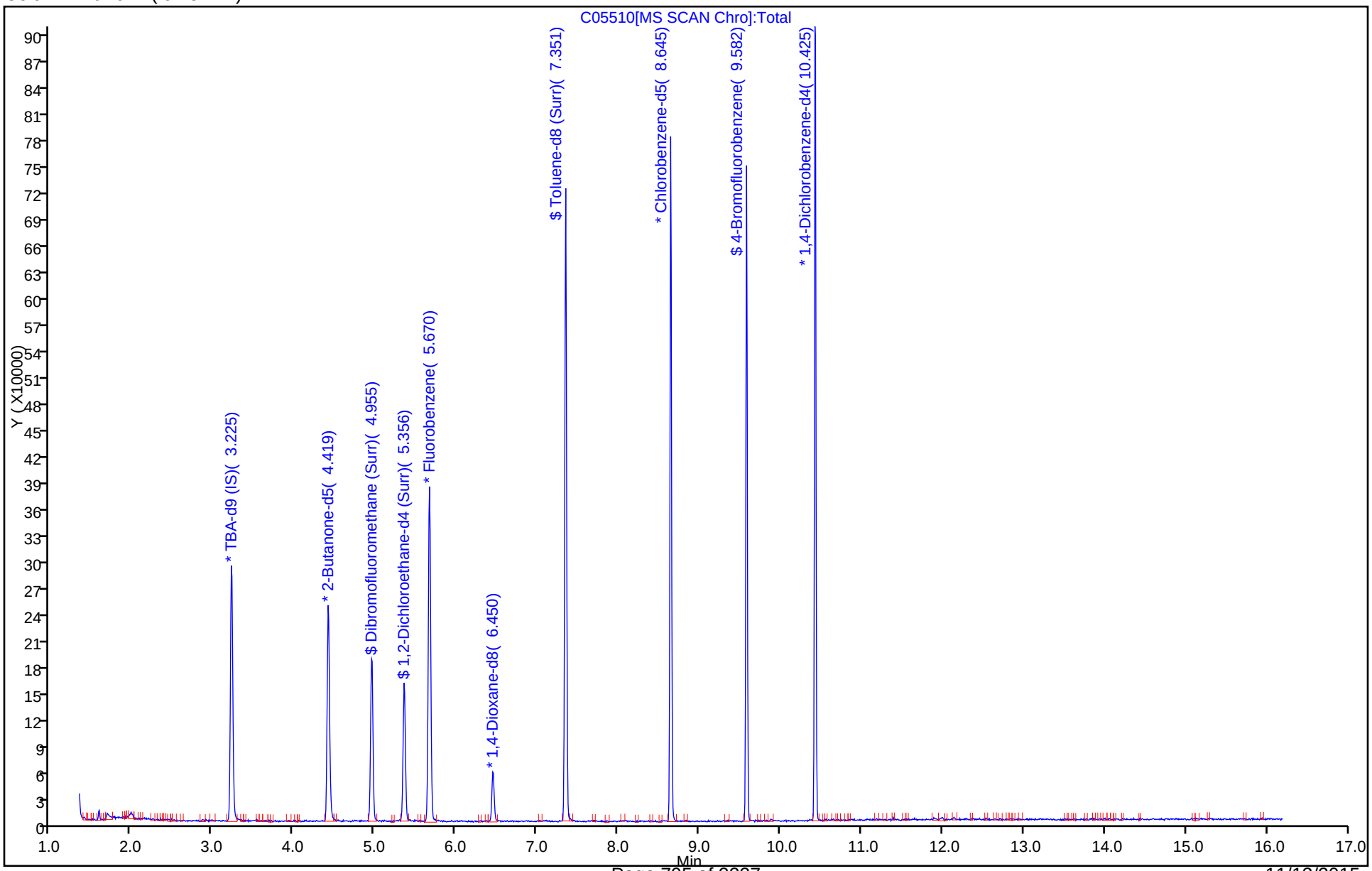
Report Date: 11-Nov-2015 08:08:13 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS3\20151110-34067.b\C05510.D

Injection Date:	10-Nov-2015 22:37:30	Instrument ID:	CVOAMS3	Operator ID:	VOA GC/MS3
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260W_3	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334504/8

Matrix: Solid | Lab File ID: B89818.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 23:59

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 334504 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	11	U	50	11
74-83-9	Bromomethane	9.0	U	50	9.0
75-01-4	Vinyl chloride	10	U	50	10
75-00-3	Chloroethane	19	U	50	19
75-09-2	Methylene Chloride	11	U	50	11
67-64-1	Acetone	54	U	250	54
75-15-0	Carbon disulfide	11	U	50	11
75-69-4	Trichlorofluoromethane	7.5	U	50	7.5
75-35-4	1,1-Dichloroethene	17	U	50	17
75-34-3	1,1-Dichloroethane	12	U	50	12
156-60-5	trans-1,2-Dichloroethene	9.0	U	50	9.0
156-59-2	cis-1,2-Dichloroethene	13	U	50	13
67-66-3	Chloroform	11	U	50	11
78-93-3	2-Butanone	110	U	250	110
107-06-2	1,2-Dichloroethane	13	U	50	13
71-55-6	1,1,1-Trichloroethane	14	U	50	14
56-23-5	Carbon tetrachloride	17	U	50	17
71-43-2	Benzene	9.5	U	50	9.5
75-25-2	Bromoform	9.0	U	50	9.0
100-42-5	Styrene	8.5	U	50	8.5
100-41-4	Ethylbenzene	15	U	50	15
108-90-7	Chlorobenzene	12	U	50	12
110-82-7	Cyclohexane	13	U	50	13
98-82-8	Isopropylbenzene	16	U	50	16
591-78-6	2-Hexanone	36	U	250	36
1634-04-4	MTBE	6.5	U	50	6.5
76-13-1	Freon TF	17	U	50	17
79-20-9	Methyl acetate	29	U	250	29
123-91-1	1,4-Dioxane	440	U	1300	440
79-01-6	Trichloroethene	11	U	50	11
108-88-3	Toluene	13	U	50	13
10061-02-6	trans-1,3-Dichloropropene	9.5	U	50	9.5
108-10-1	4-Methyl-2-pentanone	32	U	250	32
10061-01-5	cis-1,3-Dichloropropene	8.0	U	50	8.0
95-50-1	1,2-Dichlorobenzene	11	U	50	11
541-73-1	1,3-Dichlorobenzene	17	U	50	17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334504/8

Matrix: Solid | Lab File ID: B89818.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 23:59

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 334504 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	17	U	50	17
120-82-1	1,2,4-Trichlorobenzene	14	U	50	14
87-61-6	1,2,3-Trichlorobenzene	18	U	50	18
78-87-5	1,2-Dichloropropane	9.0	U	50	9.0
108-87-2	Methylcyclohexane	11	U	50	11
127-18-4	Tetrachloroethene	18	U	50	18
1330-20-7	Xylenes, Total	14	U	100	14
96-12-8	1,2-Dibromo-3-Chloropropane	12	U	50	12
79-34-5	1,1,2,2-Tetrachloroethane	9.5	U	50	9.5
79-00-5	1,1,2-Trichloroethane	4.0	U	50	4.0
124-48-1	Dibromochloromethane	11	U	50	11
106-93-4	1,2-Dibromoethane	9.5	U	50	9.5
75-71-8	Dichlorodifluoromethane	7.0	U	50	7.0
74-97-5	Bromochloromethane	15	U	50	15
75-27-4	Bromodichloromethane	7.5	U	50	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		69-145
2037-26-5	Toluene-d8 (Surr)	102		72-136
460-00-4	Bromofluorobenzene	97		64-131
1868-53-7	Dibromofluoromethane (Surr)	100		74-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334504/8

Matrix: Solid | Lab File ID: B89818.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 23:59

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 334504 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\B89818.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 10-Nov-2015 23:59:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: MB
Misc. Info.: 460-0034078-008
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 11:51:11 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: delpolitov Date: 11-Nov-2015 11:28:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.624	2.616	0.008	86	163672	1000.0	1000.0	
* 158 2-Butanone-d5	46	3.694	3.702	-0.008	98	194939	250.0	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.221	4.220	0.001	92	137927	50.0	49.9	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.599	4.599	0.000	94	133491	50.0	47.3	
* 62 Fluorobenzene	96	4.904	4.904	0.000	99	544127	50.0	50.0	
* 69 1,4-Dioxane-d8	96	5.751	5.743	0.008	86	17389	1000.0	1000.0	
$ 80 Toluene-d8 (Surr)	98	6.887	6.887	0.000	100	456957	50.0	51.0	
* 91 Chlorobenzene-d5	117	8.508	8.508	0.000	83	456788	50.0	50.0	
$ 102 4-Bromofluorobenzene	174	9.619	9.627	-0.008	96	188900	50.0	48.5	
* 119 1,4-Dichlorobenzene-d4	152	10.590	10.590	0.000	93	300028	50.0	50.0	

Reagents:

8260SURR250_00096 Amount Added: 1.00 Units: uL
8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

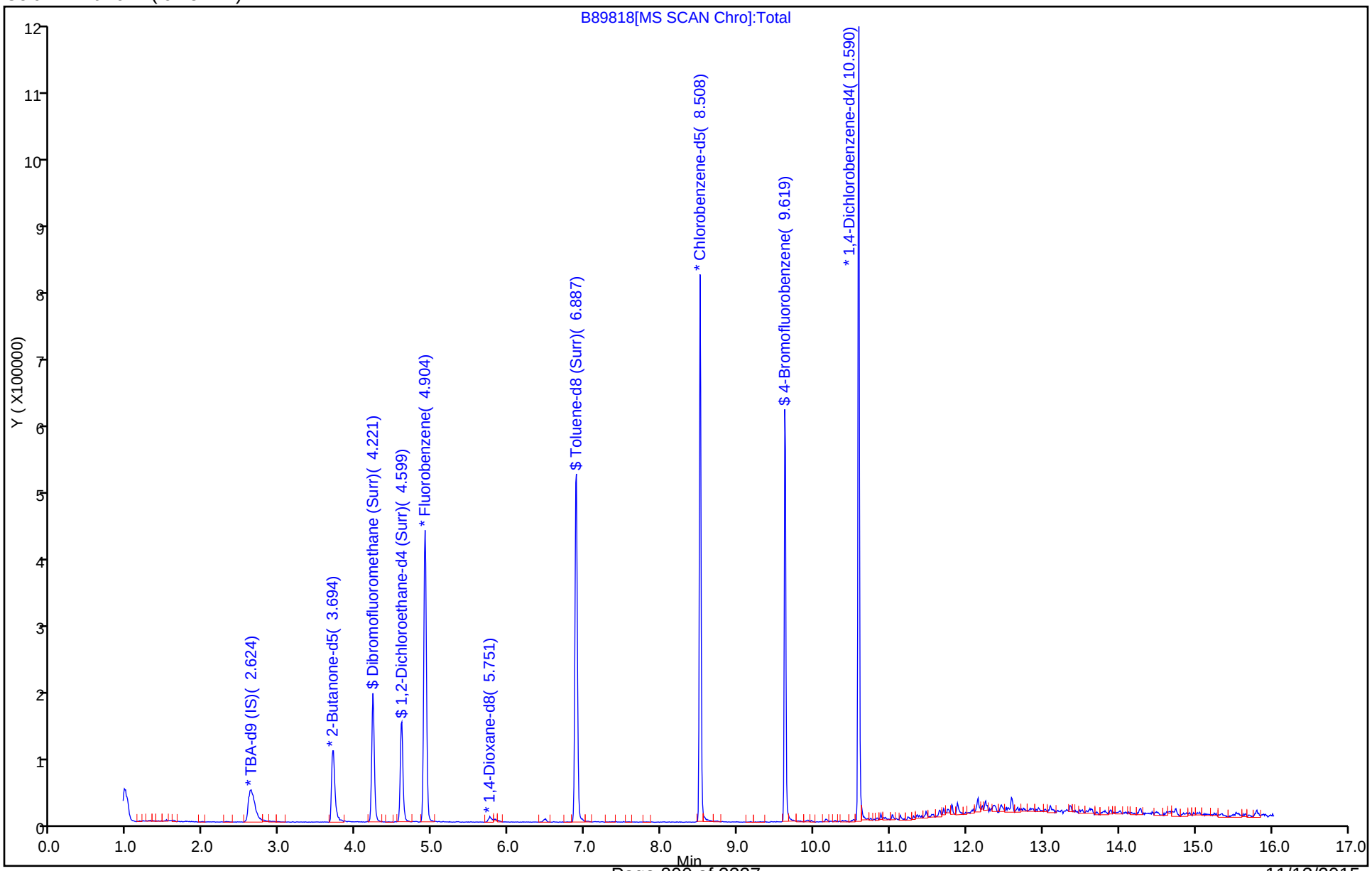
Report Date: 11-Nov-2015 15:44:37 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\B89818.D

Injection Date:	10-Nov-2015 23:59:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	7
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334208/3

Matrix: Solid | Lab File ID: D16316.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 00:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	18.5		1.0	0.38
74-83-9	Bromomethane	19.3		1.0	0.32
75-01-4	Vinyl chloride	19.6		1.0	0.39
75-00-3	Chloroethane	19.1		1.0	0.35
75-09-2	Methylene Chloride	17.9		1.0	0.32
67-64-1	Acetone	90.3		5.0	1.1
75-15-0	Carbon disulfide	18.2		1.0	0.43
75-69-4	Trichlorofluoromethane	20.8		1.0	0.34
75-35-4	1,1-Dichloroethene	19.2		1.0	0.41
75-34-3	1,1-Dichloroethane	19.8		1.0	0.34
156-60-5	trans-1,2-Dichloroethene	18.6		1.0	0.39
156-59-2	cis-1,2-Dichloroethene	18.6		1.0	0.22
67-66-3	Chloroform	19.8		1.0	0.21
78-93-3	2-Butanone	84.1		5.0	0.77
107-06-2	1,2-Dichloroethane	20.1		1.0	0.11
71-55-6	1,1,1-Trichloroethane	20.1		1.0	0.38
56-23-5	Carbon tetrachloride	20.4		1.0	0.43
71-43-2	Benzene	18.1		1.0	0.20
75-25-2	Bromoform	20.9		1.0	0.13
100-42-5	Styrene	19.0		1.0	0.15
100-41-4	Ethylbenzene	18.8		1.0	0.18
108-90-7	Chlorobenzene	18.6		1.0	0.14
110-82-7	Cyclohexane	19.8		1.0	0.46
98-82-8	Isopropylbenzene	19.0		1.0	0.17
591-78-6	2-Hexanone	98.2		5.0	0.94
1634-04-4	MTBE	19.5		1.0	0.17
76-13-1	Freon TF	19.6		1.0	0.44
79-20-9	Methyl acetate	101		5.0	0.90
123-91-1	1,4-Dioxane	356		20	6.4
79-01-6	Trichloroethene	19.2		1.0	0.26
108-88-3	Toluene	17.8		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	19.0		1.0	0.10
108-10-1	4-Methyl-2-pentanone	94.9		5.0	2.2
10061-01-5	cis-1,3-Dichloropropene	19.0		1.0	0.15
95-50-1	1,2-Dichlorobenzene	18.6		1.0	0.14
541-73-1	1,3-Dichlorobenzene	18.8		1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334208/3

Matrix: Solid | Lab File ID: D16316.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 00:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	18.4		1.0	0.13
120-82-1	1,2,4-Trichlorobenzene	19.6		1.0	0.32
87-61-6	1,2,3-Trichlorobenzene	19.8		1.0	0.11
78-87-5	1,2-Dichloropropane	19.7		1.0	0.17
108-87-2	Methylcyclohexane	19.6		1.0	0.50
127-18-4	Tetrachloroethene	19.9		1.0	0.28
1330-20-7	Xylenes, Total	37.5		2.0	0.11
96-12-8	1,2-Dibromo-3-Chloropropane	18.9		1.0	0.47
79-34-5	1,1,2,2-Tetrachloroethane	19.0		1.0	0.17
79-00-5	1,1,2-Trichloroethane	18.8		1.0	0.28
124-48-1	Dibromochloromethane	19.5		1.0	0.15
106-93-4	1,2-Dibromoethane	19.2		1.0	0.12
75-71-8	Dichlorodifluoromethane	18.9		1.0	0.32
74-97-5	Bromochloromethane	18.8		1.0	0.17
75-27-4	Bromodichloromethane	19.6		1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		78-135
2037-26-5	Toluene-d8 (Surr)	92		73-121
460-00-4	Bromofluorobenzene	100		67-126
1868-53-7	Dibromofluoromethane (Surr)	98		61-149

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16316.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 10-Nov-2015 00:37:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0034014-004
Operator ID: Instrument ID: CVOAMS4

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Nov-2015 12:39:48 Calib Date: 05-Nov-2015 02:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: martineze Date: 10-Nov-2015 12:17:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.553	1.553	0.000	77	38253	20.0	18.2	
2 Dichlorodifluoromethane	85	1.583	1.583	0.000	99	107993	20.0	18.9	
3 Chloromethane	50	1.754	1.754	0.000	99	96018	20.0	18.5	
5 Butadiene	54	1.882	1.882	0.000	96	76342	20.0	18.6	
4 Vinyl chloride	62	1.882	1.882	0.000	98	99757	20.0	19.6	
6 Bromomethane	94	2.217	2.217	0.000	99	66714	20.0	19.3	
7 Chloroethane	64	2.315	2.315	0.000	100	57929	20.0	19.1	
8 Dichlorofluoromethane	67	2.553	2.553	0.000	99	158497	20.0	20.6	
9 Trichlorofluoromethane	101	2.565	2.565	0.000	96	120140	20.0	20.8	
10 Pentane	72	2.583	2.583	0.000	97	29722	40.0	38.8	
11 Ethanol	46	2.833	2.833	0.000	78	16054	800.0	818.4	
12 Ethyl ether	59	2.833	2.833	0.000	92	54051	20.0	19.3	
13 2-Methyl-1,3-butadiene	53	2.851	2.851	0.000	93	67308	20.0	20.3	
14 1,2-Dichloro-1,1,2-trifluo	117	2.906	2.906	0.000	93	57306	20.0	19.1	
15 Acrolein	56	3.040	3.040	0.000	96	130053	300.0	245.0	
16 1,1,2-Trichloro-1,2,2-trif	101	3.059	3.059	0.000	96	73667	20.0	19.6	
17 1,1-Dichloroethene	96	3.071	3.071	0.000	95	65944	20.0	19.2	
18 Acetone	43	3.193	3.193	0.000	87	98621	100.0	90.3	
19 Iodomethane	142	3.254	3.254	0.000	100	129152	20.0	19.4	
20 Carbon disulfide	76	3.290	3.290	0.000	99	235477	20.0	18.2	
21 Isopropyl alcohol	45	3.333	3.333	0.000	99	44830	200.0	200.5	
22 3-Chloro-1-propene	76	3.467	3.467	0.000	89	39735	20.0	19.7	
23 Cyclopentene	67	3.485	3.485	0.000	93	187137	20.0	19.9	
24 Methyl acetate	43	3.491	3.491	0.000	100	276589	100.0	101.2	
25 Acetonitrile	41	3.571	3.571	0.000	94	85961	200.0	198.2	
26 Methylene Chloride	84	3.625	3.625	0.000	96	76326	20.0	17.9	
* 27 TBA-d9 (IS)	65	3.644	3.644	0.000	90	303938	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.729	3.729	0.000	96	72642	200.0	190.2	
29 Methyl tert-butyl ether	73	3.827	3.827	0.000	97	182521	20.0	19.5	
30 trans-1,2-Dichloroethene	96	3.851	3.851	0.000	98	69494	20.0	18.6	
31 Acrylonitrile	53	3.949	3.949	0.000	95	234543	200.0	194.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	57	4.052	4.052	0.000	94	111361	20.0	20.1	
33 Isopropyl ether	45	4.320	4.320	0.000	98	232506	20.0	20.8	
34 1,1-Dichloroethane	63	4.339	4.339	0.000	99	135788	20.0	19.8	
35 Vinyl acetate	86	4.375	4.375	0.000	100	20949	40.0	43.4	
36 2-Chloro-1,3-butadiene	88	4.394	4.394	0.000	90	63037	20.0	20.1	
37 Tert-butyl ethyl ether	59	4.711	4.711	0.000	89	201831	20.0	20.1	
* 38 2-Butanone-d5	46	4.948	4.948	0.000	98	276410	250.0	250.0	
39 2,2-Dichloropropane	79	4.948	4.948	0.000	92	35344	20.0	20.8	
40 cis-1,2-Dichloroethene	96	4.985	4.985	0.000	96	75965	20.0	18.6	
41 2-Butanone (MEK)	72	5.015	5.015	0.000	97	37774	100.0	84.1	
42 Ethyl acetate	70	5.028	5.028	0.000	94	9661	40.0	35.4	
43 Methyl acrylate	55	5.089	5.089	0.000	99	53067	20.0	20.1	
44 Propionitrile	54	5.180	5.180	0.000	99	90821	200.0	195.0	
46 Chlorobromomethane	128	5.259	5.259	0.000	88	35967	20.0	18.8	
45 Tetrahydrofuran	72	5.259	5.259	0.000	54	16521	40.0	34.5	
47 Methacrylonitrile	67	5.296	5.296	0.000	93	244999	200.0	200.7	
48 Chloroform	83	5.332	5.332	0.000	99	121918	20.0	19.8	
49 Cyclohexane	56	5.479	5.479	0.000	92	134208	20.0	19.8	
50 1,1,1-Trichloroethane	97	5.503	5.503	0.000	99	105663	20.0	20.1	
$ 51 Dibromofluoromethane (Surr	113	5.528	5.528	0.000	97	119692	50.0	49.2	
52 Carbon tetrachloride	117	5.643	5.643	0.000	97	95424	20.0	20.4	
53 1,1-Dichloropropene	75	5.686	5.686	0.000	98	96631	20.0	19.8	
58 Isobutyl alcohol	43	5.887	5.887	0.000	23	134911	500.0	510.7	
54 Isooctane	57	5.899	5.899	0.000	96	310263	20.0	20.7	
55 Benzene	78	5.924	5.924	0.000	97	261145	20.0	18.1	
$ 56 1,2-Dichloroethane-d4 (Sur	102	5.954	5.954	0.000	99	24958	50.0	47.3	
57 Tert-amyl methyl ether	73	6.021	6.021	0.000	91	222649	20.0	19.9	
59 Isopropyl acetate	43	6.027	6.027	0.000	99	174236	20.0	19.8	
60 1,2-Dichloroethane	62	6.046	6.046	0.000	96	85708	20.0	20.1	
61 n-Heptane	57	6.137	6.137	0.000	94	64118	20.0	20.5	
* 62 Fluorobenzene	96	6.283	6.283	0.000	98	466268	50.0	50.0	
63 n-Butanol	56	6.692	6.692	0.000	89	47618	500.0	466.1	
64 Trichloroethene	95	6.722	6.722	0.000	98	67223	20.0	19.2	
65 Methylcyclohexane	83	6.863	6.863	0.000	96	127036	20.0	19.6	
66 Ethyl acrylate	73	6.887	6.887	0.000	97	4743	20.0	19.0	
67 1,2-Dichloropropane	63	7.052	7.052	0.000	93	71618	20.0	19.7	
* 68 1,4-Dioxane-d8	96	7.125	7.125	0.000	90	22528	1000.0	1000.0	
69 Methyl methacrylate	100	7.155	7.155	0.000	91	29448	40.0	40.3	
71 1,4-Dioxane	88	7.174	7.174	0.000	42	12799	400.0	356.3	
70 Dibromomethane	93	7.186	7.186	0.000	95	41146	20.0	19.3	
72 n-Propyl acetate	43	7.216	7.216	0.000	98	86478	20.0	21.2	
73 Dichlorobromomethane	83	7.350	7.350	0.000	99	82988	20.0	19.6	
74 2-Nitropropane	41	7.673	7.673	0.000	80	23224	40.0	38.0	
75 2-Chloroethyl vinyl ether	63	7.680	7.680	0.000	86	36350	20.0	20.6	
76 Epichlorohydrin	57	7.771	7.771	0.000	100	123390	400.0	364.0	
77 cis-1,3-Dichloropropene	75	7.820	7.820	0.000	91	100963	20.0	19.0	
78 4-Methyl-2-pentanone (MIBK	43	7.966	7.966	0.000	97	317301	100.0	94.9	
$ 79 Toluene-d8 (Surr)	98	8.027	8.027	0.000	99	422535	50.0	46.1	
80 Toluene	91	8.094	8.094	0.000	94	267675	20.0	17.8	
81 trans-1,3-Dichloropropene	75	8.375	8.375	0.000	94	83925	20.0	19.0	
82 Ethyl methacrylate	69	8.399	8.399	0.000	91	75073	20.0	19.8	
83 1,1,2-Trichloroethane	83	8.539	8.539	0.000	95	47007	20.0	18.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Tetrachloroethene	166	8.570	8.570	0.000	97	74497	20.0	19.9	
85 1,3-Dichloropropane	76	8.692	8.692	0.000	92	94006	20.0	19.4	
86 2-Hexanone	43	8.734	8.734	0.000	97	227631	100.0	98.2	
87 n-Butyl acetate	73	8.813	8.813	0.000	99	12733	20.0	20.0	
88 Chlorodibromomethane	129	8.856	8.856	0.000	97	62802	20.0	19.5	
89 Ethylene Dibromide	107	8.966	8.966	0.000	99	54447	20.0	19.2	
* 90 Chlorobenzene-d5	117	9.326	9.326	0.000	87	380970	50.0	50.0	
91 Chlorobenzene	112	9.350	9.350	0.000	97	174136	20.0	18.6	
92 Ethylbenzene	106	9.411	9.411	0.000	98	96524	20.0	18.8	
93 1,1,1,2-Tetrachloroethane	131	9.423	9.423	0.000	95	66088	20.0	19.3	
94 m-Xylene & p-Xylene	106	9.508	9.508	0.000	99	117985	20.0	18.9	
95 n-Butyl acrylate	73	9.795	9.795	0.000	97	45379	20.0	20.3	
96 o-Xylene	106	9.825	9.825	0.000	93	118081	20.0	18.6	
97 Styrene	104	9.850	9.850	0.000	95	184690	20.0	19.0	
98 Amyl acetate (mixed isomer	43	9.960	9.960	0.000	90	114851	20.0	20.4	
99 Bromoform	173	10.014	10.014	0.000	97	43092	20.0	20.9	
100 Isopropylbenzene	105	10.094	10.094	0.000	96	314078	20.0	19.0	
$ 101 4-Bromofluorobenzene	174	10.252	10.252	0.000	94	150384	50.0	50.2	
102 Bromobenzene	156	10.362	10.362	0.000	97	80222	20.0	19.1	
103 1,1,2,2-Tetrachloroethane	83	10.380	10.380	0.000	99	78781	20.0	19.0	
104 N-Propylbenzene	91	10.405	10.405	0.000	99	393096	20.0	18.6	
105 1,2,3-Trichloropropane	110	10.423	10.423	0.000	97	21257	20.0	18.9	
106 trans-1,4-Dichloro-2-buten	53	10.429	10.429	0.000	85	19684	20.0	18.5	
107 4-Ethyltoluene	105	10.490	10.490	0.000	98	327536	20.0	19.4	
108 2-Chlorotoluene	91	10.496	10.496	0.000	97	258015	20.0	18.3	
109 1,3,5-Trimethylbenzene	105	10.533	10.533	0.000	93	261646	20.0	18.4	
110 4-Chlorotoluene	91	10.581	10.581	0.000	97	222917	20.0	18.2	
111 Butyl Methacrylate	87	10.588	10.588	0.000	91	88657	20.0	19.9	
112 tert-Butylbenzene	119	10.764	10.764	0.000	94	209733	20.0	18.6	
113 1,2,4-Trimethylbenzene	105	10.807	10.807	0.000	98	272087	20.0	18.5	
114 sec-Butylbenzene	105	10.923	10.923	0.000	99	346737	20.0	18.7	
115 4-Isopropyltoluene	119	11.020	11.020	0.000	98	299827	20.0	19.0	
116 1,3-Dichlorobenzene	146	11.039	11.039	0.000	96	152283	20.0	18.8	
* 117 1,4-Dichlorobenzene-d4	152	11.094	11.094	0.000	94	215999	50.0	50.0	
118 1,4-Dichlorobenzene	146	11.106	11.106	0.000	96	150269	20.0	18.4	
119 Benzyl chloride	126	11.209	11.209	0.000	99	26767	20.0	19.8	
120 2,3-Dihydroindene	117	11.264	11.264	0.000	94	296689	20.0	20.0	
121 p-Diethylbenzene	119	11.289	11.289	0.000	95	191875	20.0	19.4	
122 n-Butylbenzene	92	11.307	11.307	0.000	99	167885	20.0	18.8	
123 1,2-Dichlorobenzene	146	11.380	11.380	0.000	97	147884	20.0	18.6	
124 1,2,4,5-Tetramethylbenzene	119	11.886	11.886	0.000	97	280211	20.0	19.4	
125 1,2-Dibromo-3-Chloropropan	157	12.002	12.002	0.000	96	16788	20.0	18.9	
126 1,3,5-Trichlorobenzene	180	12.124	12.124	0.000	97	138722	20.0	20.0	
127 1,2,4-Trichlorobenzene	180	12.727	12.727	0.000	94	127939	20.0	19.6	
128 Hexachlorobutadiene	225	12.831	12.831	0.000	97	74174	20.0	21.1	
129 Naphthalene	128	13.002	13.002	0.000	99	253806	20.0	18.4	
130 1,2,3-Trichlorobenzene	180	13.276	13.276	0.000	95	121599	20.0	19.8	
S 131 1,2-Dichloroethene, Total	100				0		40.0	37.2	
S 132 1,3-Dichloropropene, Total	100				0		40.0	38.0	
S 133 Xylenes, Total	100				0		40.0	37.5	
S 134 Total BTEX	1				0		100.0	92.2	

Reagents:

GASES Li_00126	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	2.00	Units: uL	
ACROLEIN W_00044	Amount Added:	3.00	Units: uL	
8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

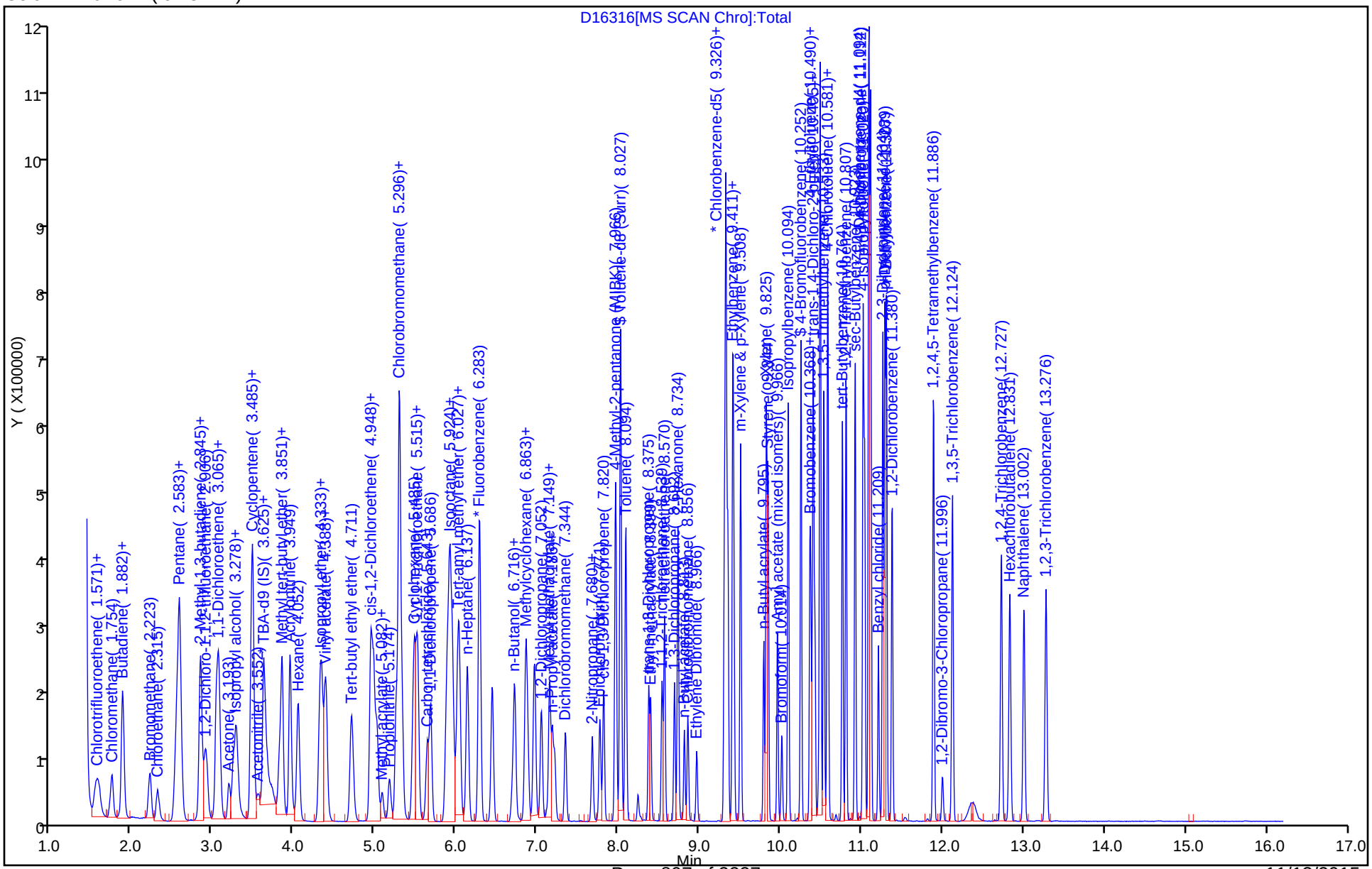
Report Date: 12-Nov-2015 12:39:52 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16316.D

Injection Date:	10-Nov-2015 00:37:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334211/3

Matrix: Solid | Lab File ID: B89757.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/09/2015 22:27

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 334211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1030		50	11
74-83-9	Bromomethane	1210		50	9.0
75-01-4	Vinyl chloride	1120		50	10
75-00-3	Chloroethane	1150		50	19
75-09-2	Methylene Chloride	1170		50	11
67-64-1	Acetone	5430		250	54
75-15-0	Carbon disulfide	1190		50	11
75-69-4	Trichlorofluoromethane	1090		50	7.5
75-35-4	1,1-Dichloroethene	1150		50	17
75-34-3	1,1-Dichloroethane	1250		50	12
156-60-5	trans-1,2-Dichloroethene	1120		50	9.0
156-59-2	cis-1,2-Dichloroethene	1100		50	13
67-66-3	Chloroform	1150		50	11
78-93-3	2-Butanone	5390		250	110
107-06-2	1,2-Dichloroethane	996		50	13
71-55-6	1,1,1-Trichloroethane	1020		50	14
56-23-5	Carbon tetrachloride	1070		50	17
71-43-2	Benzene	1200		50	9.5
75-25-2	Bromoform	1160		50	9.0
100-42-5	Styrene	1080		50	8.5
100-41-4	Ethylbenzene	1070		50	15
108-90-7	Chlorobenzene	1090		50	12
110-82-7	Cyclohexane	1140		50	13
98-82-8	Isopropylbenzene	1060		50	16
591-78-6	2-Hexanone	5740		250	36
1634-04-4	MTBE	1160		50	6.5
76-13-1	Freon TF	1160		50	17
79-20-9	Methyl acetate	7190		250	29
123-91-1	1,4-Dioxane	46700		1300	440
79-01-6	Trichloroethene	1110		50	11
108-88-3	Toluene	1150		50	13
10061-02-6	trans-1,3-Dichloropropene	1180		50	9.5
108-10-1	4-Methyl-2-pentanone	5300		250	32
10061-01-5	cis-1,3-Dichloropropene	1180		50	8.0
95-50-1	1,2-Dichlorobenzene	1110		50	11
541-73-1	1,3-Dichlorobenzene	1120		50	17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334211/3

Matrix: Solid | Lab File ID: B89757.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/09/2015 22:27

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 334211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1060		50	17
120-82-1	1,2,4-Trichlorobenzene	1120		50	14
87-61-6	1,2,3-Trichlorobenzene	1110		50	18
78-87-5	1,2-Dichloropropane	1160		50	9.0
108-87-2	Methylcyclohexane	1100		50	11
127-18-4	Tetrachloroethene	1130		50	18
1330-20-7	Xylenes, Total	2140		100	14
96-12-8	1,2-Dibromo-3-Chloropropane	1290		50	12
79-34-5	1,1,2,2-Tetrachloroethane	1290		50	9.5
79-00-5	1,1,2-Trichloroethane	1200		50	4.0
124-48-1	Dibromochloromethane	1110		50	11
106-93-4	1,2-Dibromoethane	1160		50	9.5
75-71-8	Dichlorodifluoromethane	1000		50	7.0
74-97-5	Bromochloromethane	1220		50	15
75-27-4	Bromodichloromethane	1090		50	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		69-145
2037-26-5	Toluene-d8 (Surr)	123		72-136
460-00-4	Bromofluorobenzene	118		64-131
1868-53-7	Dibromofluoromethane (Surr)	123		74-134

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89757.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 09-Nov-2015 22:27:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCS
Misc. Info.: 460-0034015-003
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Nov-2015 13:35:08 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK027

First Level Reviewer: martineze Date: 10-Nov-2015 13:35:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.069	1.068	0.001	84	10350	20.0	22.1	
2 Dichlorodifluoromethane	85	1.093	1.101	-0.008	98	68448	20.0	20.1	
3 Chloromethane	50	1.200	1.208	-0.008	99	46032	20.0	20.5	
4 Vinyl chloride	62	1.291	1.299	-0.008	97	58962	20.0	22.3	
5 Butadiene	54	1.291	1.299	-0.008	92	46930	20.0	23.1	
6 Bromomethane	94	1.521	1.529	-0.008	98	53226	20.0	24.2	
7 Chloroethane	64	1.579	1.587	-0.008	99	34769	20.0	23.1	
10 Trichlorofluoromethane	101	1.743	1.760	-0.017	69	94691	20.0	21.7	
9 Dichlorofluoromethane	67	1.752	1.768	-0.016	97	119209	20.0	24.6	
8 Pentane	72	1.768	1.768	0.000	96	14578	40.0	46.1	
12 Ethanol	46	1.949	1.949	0.000	69	3188	800.0	912.7	
11 Ethyl ether	59	1.949	1.957	-0.008	96	47241	20.0	26.0	
13 2-Methyl-1,3-butadiene	53	1.957	1.974	-0.017	95	47475	20.0	24.2	
14 1,2-Dichloro-1,1,2-trifluo	117	2.015	2.031	-0.016	89	56595	20.0	22.7	
15 Acrolein	56	2.114	2.122	-0.008	61	17792	40.0	27.4	
17 1,1-Dichloroethene	96	2.130	2.138	-0.008	96	62638	20.0	23.0	
16 1,1,2-Trichloro-1,2,2-trif	101	2.122	2.147	-0.025	85	56105	20.0	23.3	
18 Acetone	43	2.229	2.229	0.000	86	63251	100.0	108.6	
19 Iodomethane	142	2.270	2.270	0.000	96	138543	20.0	23.9	
20 Carbon disulfide	76	2.287	2.295	-0.008	98	201892	20.0	23.8	
21 Isopropyl alcohol	45	2.361	2.352	0.009	96	21592	200.0	318.0	
22 3-Chloro-1-propene	76	2.435	2.435	0.000	43	36683	20.0	24.3	
23 Cyclopentene	67	2.451	2.451	0.000	81	141634	20.0	23.9	
24 Methyl acetate	43	2.451	2.459	-0.008	99	229507	100.0	143.8	
25 Acetonitrile	41	2.517	2.517	0.000	21	47046	200.0	252.3	
26 Methylene Chloride	84	2.566	2.575	-0.008	87	69067	20.0	23.3	
* 27 TBA-d9 (IS)	65	2.616	2.607	0.009	87	243446	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.665	2.673	-0.008	91	63608	200.0	253.8	
29 Methyl tert-butyl ether	73	2.723	2.731	-0.008	96	187499	20.0	23.2	
30 trans-1,2-Dichloroethene	96	2.739	2.756	-0.017	92	66454	20.0	22.5	
31 Acrylonitrile	53	2.830	2.830	0.000	93	201642	200.0	272.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.896	2.904	-0.008	91	20873	20.0	24.3	
34 Isopropyl ether	45	3.134	3.142	-0.008	96	174134	20.0	26.6	
33 1,1-Dichloroethane	63	3.151	3.151	0.000	99	109825	20.0	25.0	
36 Vinyl acetate	86	3.184	3.184	0.000	100	16523	40.0	52.3	
35 2-Chloro-1,3-butadiene	88	3.192	3.200	-0.008	78	53820	20.0	22.0	
38 Tert-butyl ethyl ether	59	3.472	3.472	0.000	90	182684	20.0	23.5	
* 158 2-Butanone-d5	46	3.677	3.677	0.000	93	208037	250.0	250.0	
39 2,2-Dichloropropane	41	3.677	3.677	0.000	68	49181	20.0	24.5	
40 cis-1,2-Dichloroethene	96	3.710	3.710	0.000	97	70794	20.0	22.0	
41 2-Butanone (MEK)	72	3.735	3.735	0.000	97	30484	100.0	107.8	
42 Ethyl acetate	70	3.760	3.751	0.009	92	9000	40.0	41.7	
43 Methyl acrylate	55	3.801	3.801	0.000	97	42383	20.0	24.5	
44 Propionitrile	54	3.875	3.883	-0.008	97	75565	200.0	227.4	
46 Tetrahydrofuran	72	3.949	3.949	0.000	59	16271	40.0	45.8	
45 Chlorobromomethane	128	3.949	3.949	0.000	74	42189	20.0	24.4	
47 Methacrylonitrile	67	3.982	3.982	0.000	90	240888	200.0	258.5	
48 Chloroform	83	4.031	4.031	0.000	99	110211	20.0	23.0	
49 Cyclohexane	84	4.122	4.138	-0.016	87	61066	20.0	22.9	
50 1,1,1-Trichloroethane	97	4.155	4.163	-0.008	96	92112	20.0	20.4	
$ 51 Dibromofluoromethane (Surr	113	4.196	4.204	-0.008	92	141893	50.0	61.3	
52 Carbon tetrachloride	117	4.286	4.286	0.000	96	77825	20.0	21.3	
53 1,1-Dichloropropene	75	4.319	4.327	-0.008	97	70522	20.0	21.5	
54 Isooctane	57	4.517	4.525	-0.008	92	70493	20.0	22.8	
55 Benzene	78	4.533	4.541	-0.008	95	225905	20.0	24.0	
56 Isobutyl alcohol	43	4.665	4.566	0.099	64	172855	500.0	2095.2	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.574	4.574	0.000	95	129185	50.0	54.7	
58 Tert-amyl methyl ether	73	4.640	4.648	-0.008	92	203049	20.0	23.9	
60 1,2-Dichloroethane	62	4.657	4.657	0.000	96	74826	20.0	19.9	
59 Isopropyl acetate	87	4.648	4.665	-0.017	97	59394	20.0	22.1	
61 n-Heptane	57	4.755	4.755	0.000	93	13770	20.0	21.5	
* 62 Fluorobenzene	96	4.879	4.879	0.000	99	455934	50.0	50.0	
64 Trichloroethene	95	5.290	5.299	-0.009	95	56939	20.0	22.1	
65 n-Butanol	56	5.364	5.422	-0.058	85	21233	500.0	1075.5	
66 Methylcyclohexane	83	5.414	5.422	-0.008	94	47619	20.0	22.0	
67 Ethyl acrylate	55	5.496	5.496	0.000	98	55378	20.0	23.1	
68 1,2-Dichloropropane	63	5.628	5.628	0.000	88	51322	20.0	23.2	
* 69 1,4-Dioxane-d8	96	5.718	5.718	0.000	93	22135	1000.0	1000.0	
72 Methyl methacrylate	100	5.784	5.784	0.000	85	33765	40.0	44.9	
70 Dibromomethane	93	5.784	5.784	0.000	69	38618	20.0	21.9	
71 1,4-Dioxane	88	5.784	5.784	0.000	32	13090	400.0	934.3	
73 n-Propyl acetate	43	5.866	5.866	0.000	98	70147	20.0	28.8	
74 Dichlorobromomethane	83	5.990	5.998	-0.008	98	73013	20.0	21.7	
75 2-Nitropropane	41	6.401	6.410	-0.009	93	28575	40.0	53.4	
76 2-Chloroethyl vinyl ether	63	6.443	6.434	0.009	93	35104	20.0	25.4	
77 Epichlorohydrin	57	6.550	6.541	0.009	98	108850	400.0	489.9	
78 cis-1,3-Dichloropropene	75	6.599	6.599	0.000	88	88872	20.0	23.6	
79 4-Methyl-2-pentanone (MIBK	43	6.813	6.813	0.000	96	252752	100.0	106.0	
$ 80 Toluene-d8 (Surr)	98	6.862	6.862	0.000	98	475513	50.0	61.4	
81 Toluene	91	6.945	6.944	0.001	93	229829	20.0	23.1	
82 trans-1,3-Dichloropropene	75	7.356	7.356	0.000	96	79497	20.0	23.5	
83 Ethyl methacrylate	69	7.405	7.405	0.000	88	71294	20.0	25.6	
84 1,1,2-Trichloroethane	83	7.554	7.545	0.009	92	44037	20.0	24.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	7.554	7.553	0.001	94	61214	20.0	22.6	
86 1,3-Dichloropropane	76	7.735	7.735	0.000	91	88279	20.0	23.8	
87 2-Hexanone	43	7.817	7.817	0.000	95	157711	100.0	114.7	
88 Chlorodibromomethane	129	7.932	7.932	0.000	98	64209	20.0	22.2	
89 n-Butyl acetate	73	7.940	7.940	0.000	98	10706	20.0	24.2	
90 Ethylene Dibromide	107	8.039	8.039	0.000	97	60027	20.0	23.3	
* 91 Chlorobenzene-d5	117	8.492	8.492	0.000	83	394536	50.0	50.0	
92 Chlorobenzene	112	8.516	8.516	0.000	97	161602	20.0	21.7	
93 Ethylbenzene	106	8.607	8.607	0.000	97	78695	20.0	21.3	
94 1,1,1,2-Tetrachloroethane	131	8.623	8.623	0.000	96	62852	20.0	21.0	
95 m-Xylene & p-Xylene	106	8.722	8.722	0.000	95	97724	20.0	21.0	
96 o-Xylene	106	9.101	9.101	0.000	95	103913	20.0	21.7	
97 n-Butyl acrylate	73	9.117	9.109	0.008	98	47573	20.0	24.2	
98 Styrene	104	9.134	9.125	0.009	99	172021	20.0	21.6	
100 Amyl acetate (mixed isomer	43	9.323	9.323	0.000	92	103175	20.0	29.6	
99 Bromoform	173	9.323	9.323	0.000	67	47694	20.0	23.2	
101 Isopropylbenzene	105	9.422	9.422	0.000	95	207027	20.0	21.3	
$ 102 4-Bromofluorobenzene	174	9.603	9.603	0.000	97	198369	50.0	58.9	
104 Bromobenzene	156	9.718	9.718	0.000	85	82427	20.0	23.0	
105 1,1,2,2-Tetrachloroethane	83	9.784	9.784	0.000	98	77608	20.0	25.7	
106 N-Propylbenzene	91	9.784	9.784	0.000	100	224259	20.0	23.1	
107 1,2,3-Trichloropropane	110	9.817	9.817	0.000	98	23126	20.0	22.8	
108 trans-1,4-Dichloro-2-buten	53	9.833	9.833	0.000	77	17387	20.0	24.0	
109 2-Chlorotoluene	91	9.874	9.874	0.000	97	176851	20.0	23.0	
110 4-Ethyltoluene	105	9.883	9.882	0.001	98	200750	20.0	21.6	
111 1,3,5-Trimethylbenzene	105	9.948	9.940	0.008	93	165480	20.0	21.2	
112 4-Chlorotoluene	91	9.981	9.981	0.000	96	161302	20.0	22.5	
113 Butyl Methacrylate	87	10.039	10.039	0.000	86	85077	20.0	24.6	
114 tert-Butylbenzene	119	10.204	10.203	0.001	96	127993	20.0	21.4	
115 1,2,4-Trimethylbenzene	105	10.261	10.253	0.008	96	179366	20.0	21.2	
116 sec-Butylbenzene	105	10.385	10.384	0.001	99	168525	20.0	21.6	
118 4-Isopropyltoluene	119	10.508	10.508	0.000	98	158926	20.0	22.1	
117 1,3-Dichlorobenzene	146	10.508	10.508	0.000	98	125545	20.0	22.4	
* 119 1,4-Dichlorobenzene-d4	152	10.574	10.574	0.000	92	238708	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.590	10.590	0.000	97	125342	20.0	21.2	
121 Benzyl chloride	91	10.714	10.714	0.000	100	147940	20.0	24.6	
122 2,3-Dihydroindene	117	10.763	10.763	0.000	95	222563	20.0	21.5	
123 p-Diethylbenzene	119	10.813	10.812	0.001	94	89052	20.0	20.4	
124 n-Butylbenzene	91	10.829	10.829	0.000	97	153074	20.0	23.0	
125 1,2-Dichlorobenzene	146	10.887	10.887	0.001	99	131612	20.0	22.2	
126 1,2,4,5-Tetramethylbenzene	119	11.430	11.430	0.000	98	158733	20.0	20.1	
127 1,2-Dibromo-3-Chloropropan	75	11.520	11.520	0.000	89	14366	20.0	25.7	
128 1,3,5-Trichlorobenzene	180	11.627	11.627	0.000	95	81901	20.0	21.6	
130 1,2,4-Trichlorobenzene	180	12.113	12.113	0.000	92	80362	20.0	22.3	
131 Hexachlorobutadiene	225	12.195	12.195	0.000	97	35285	20.0	24.9	
132 Naphthalene	128	12.310	12.310	0.000	99	223240	20.0	23.0	
133 1,2,3-Trichlorobenzene	180	12.508	12.516	-0.008	94	73821	20.0	22.3	
S 134 1,2-Dichloroethene, Total	100				0		40.0	44.5	
S 135 Xylenes, Total	100				0		40.0	42.7	

Reagents:

8260SURR250_00096	Amount Added:	1.00	Units: uL	
ACROLEIN W_00044	Amount Added:	4.00	Units: uL	
GASES Li_00126	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	20.00	Units: uL	
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

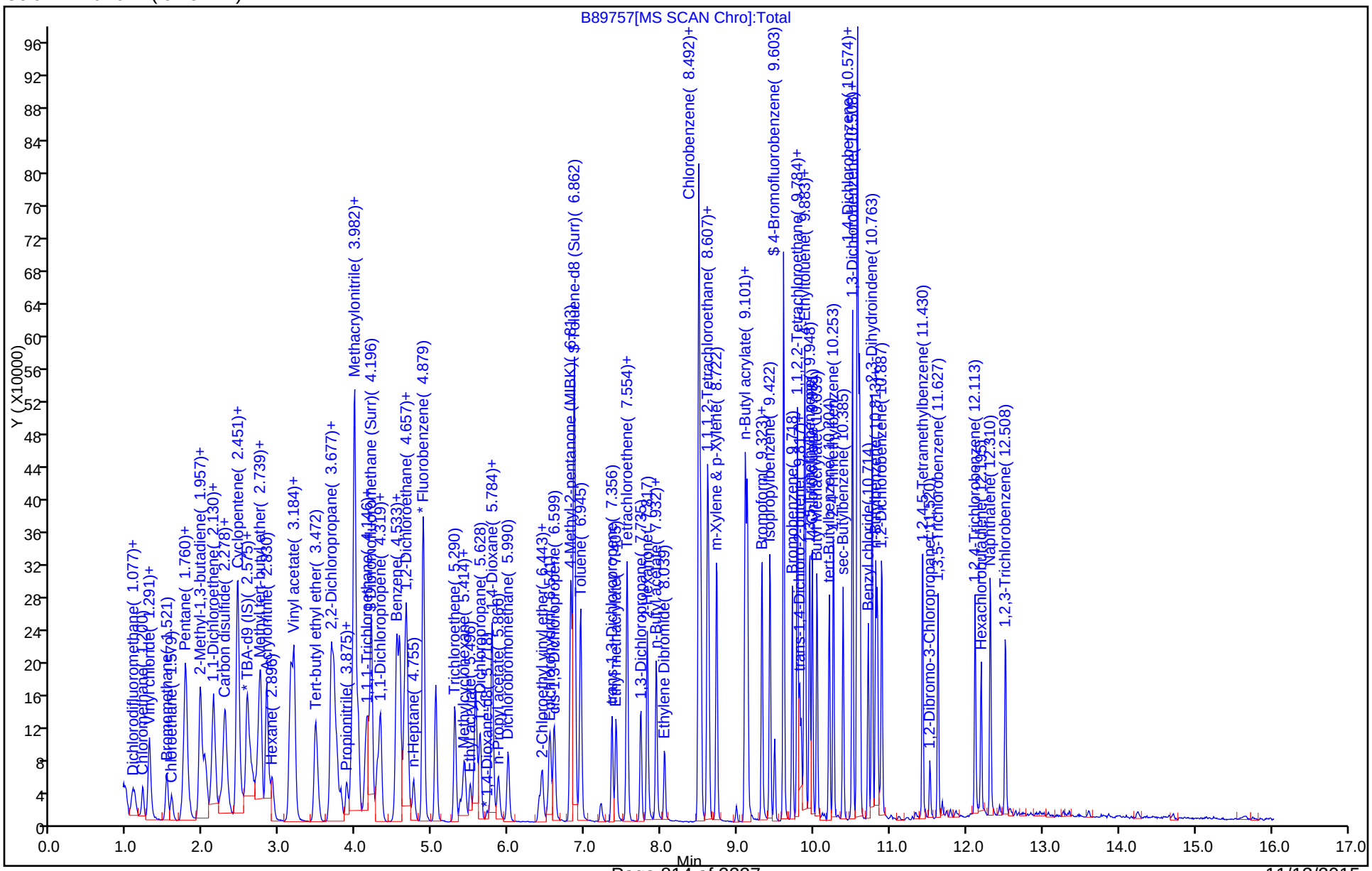
Report Date: 10-Nov-2015 13:35:10 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89757.D

Injection Date:	09-Nov-2015 22:27:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	2
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334289/4

Matrix: Solid | Lab File ID: D16340.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 11:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334289 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	22.0		1.0	0.38
74-83-9	Bromomethane	22.6		1.0	0.32
75-01-4	Vinyl chloride	22.0		1.0	0.39
75-00-3	Chloroethane	22.1		1.0	0.35
75-09-2	Methylene Chloride	21.7		1.0	0.32
67-64-1	Acetone	114		5.0	1.1
75-15-0	Carbon disulfide	20.1		1.0	0.43
75-69-4	Trichlorofluoromethane	21.5		1.0	0.34
75-35-4	1,1-Dichloroethene	20.5		1.0	0.41
75-34-3	1,1-Dichloroethane	23.4		1.0	0.34
156-60-5	trans-1,2-Dichloroethene	21.4		1.0	0.39
156-59-2	cis-1,2-Dichloroethene	22.5		1.0	0.22
67-66-3	Chloroform	23.4		1.0	0.21
78-93-3	2-Butanone	98.0		5.0	0.77
107-06-2	1,2-Dichloroethane	23.3		1.0	0.11
71-55-6	1,1,1-Trichloroethane	21.5		1.0	0.38
56-23-5	Carbon tetrachloride	21.5		1.0	0.43
71-43-2	Benzene	20.4		1.0	0.20
75-25-2	Bromoform	21.8		1.0	0.13
100-42-5	Styrene	21.1		1.0	0.15
100-41-4	Ethylbenzene	19.9		1.0	0.18
108-90-7	Chlorobenzene	20.3		1.0	0.14
110-82-7	Cyclohexane	21.4		1.0	0.46
98-82-8	Isopropylbenzene	20.4		1.0	0.17
591-78-6	2-Hexanone	112		5.0	0.94
1634-04-4	MTBE	23.7		1.0	0.17
76-13-1	Freon TF	20.5		1.0	0.44
79-20-9	Methyl acetate	123		5.0	0.90
123-91-1	1,4-Dioxane	417		20	6.4
79-01-6	Trichloroethene	21.7		1.0	0.26
108-88-3	Toluene	19.7		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	21.3		1.0	0.10
108-10-1	4-Methyl-2-pentanone	110		5.0	2.2
10061-01-5	cis-1,3-Dichloropropene	21.7		1.0	0.15
95-50-1	1,2-Dichlorobenzene	20.4		1.0	0.14
541-73-1	1,3-Dichlorobenzene	20.5		1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334289/4

Matrix: Solid | Lab File ID: D16340.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 11:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334289 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.8		1.0	0.13
120-82-1	1,2,4-Trichlorobenzene	21.6		1.0	0.32
87-61-6	1,2,3-Trichlorobenzene	22.0		1.0	0.11
78-87-5	1,2-Dichloropropane	23.2		1.0	0.17
108-87-2	Methylcyclohexane	20.8		1.0	0.50
127-18-4	Tetrachloroethene	20.4		1.0	0.28
1330-20-7	Xylenes, Total	40.8		2.0	0.11
96-12-8	1,2-Dibromo-3-Chloropropane	21.7		1.0	0.47
79-34-5	1,1,2,2-Tetrachloroethane	21.5		1.0	0.17
79-00-5	1,1,2-Trichloroethane	21.2		1.0	0.28
124-48-1	Dibromochloromethane	21.6		1.0	0.15
106-93-4	1,2-Dibromoethane	21.1		1.0	0.12
75-71-8	Dichlorodifluoromethane	19.3		1.0	0.32
74-97-5	Bromochloromethane	22.3		1.0	0.17
75-27-4	Bromodichloromethane	22.6		1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	125		78-135
2037-26-5	Toluene-d8 (Surr)	119		73-121
460-00-4	Bromofluorobenzene	122		67-126
1868-53-7	Dibromofluoromethane (Surr)	131		61-149

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16340.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 10-Nov-2015 11:01:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0034037-004
Operator ID: Instrument ID: CVOAMS4

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Nov-2015 13:49:31 Calib Date: 05-Nov-2015 02:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK006

First Level Reviewer: martineze Date: 10-Nov-2015 11:26:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.547	1.552	-0.005	80	35297	20.0	19.2	
2 Dichlorodifluoromethane	85	1.583	1.589	-0.006	99	96715	20.0	19.3	
3 Chloromethane	50	1.748	1.754	-0.006	99	100360	20.0	22.0	
4 Vinyl chloride	62	1.882	1.882	0.000	98	98397	20.0	22.0	
5 Butadiene	54	1.882	1.888	-0.006	83	73961	20.0	20.6	
6 Bromomethane	94	2.217	2.223	-0.006	99	68485	20.0	22.6	
7 Chloroethane	64	2.315	2.315	0.001	100	58807	20.0	22.1	
8 Dichlorofluoromethane	67	2.552	2.552	0.000	98	156131	20.0	23.1	
9 Trichlorofluoromethane	101	2.559	2.564	-0.005	98	109261	20.0	21.5	
10 Pentane	72	2.583	2.583	0.000	98	27009	40.0	40.2	
11 Ethanol	46	2.839	2.827	0.012	73	16836	800.0	896.5	
12 Ethyl ether	59	2.833	2.833	0.000	92	57680	20.0	23.5	
13 2-Methyl-1,3-butadiene	53	2.845	2.845	0.000	88	64309	20.0	22.1	
14 1,2-Dichloro-1,1,2-trifluo	117	2.906	2.912	-0.006	91	55242	20.0	21.0	
15 Acrolein	56	3.034	3.040	-0.006	96	137235	300.0	270.0	
16 1,1,2-Trichloro-1,2,2-trif	101	3.046	3.058	-0.012	92	67619	20.0	20.5	
17 1,1-Dichloroethene	96	3.071	3.070	0.001	95	61897	20.0	20.5	
18 Acetone	43	3.193	3.192	0.001	87	113542	100.0	113.9	
19 Iodomethane	142	3.247	3.253	-0.006	99	131758	20.0	22.6	
20 Carbon disulfide	76	3.284	3.284	0.000	100	227365	20.0	20.1	
21 Isopropyl alcohol	45	3.315	3.320	-0.005	99	50316	200.0	235.1	
22 3-Chloro-1-propene	76	3.467	3.467	0.000	90	39325	20.0	22.3	
23 Cyclopentene	67	3.485	3.485	0.000	95	175733	20.0	21.4	
24 Methyl acetate	43	3.491	3.491	0.000	100	293678	100.0	122.5	
25 Acetonitrile	41	3.552	3.552	0.000	98	101275	200.0	244.0	
26 Methylene Chloride	84	3.619	3.625	-0.006	96	80838	20.0	21.7	
* 27 TBA-d9 (IS)	65	3.638	3.644	-0.006	88	290960	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.729	3.717	0.012	91	80998	200.0	222.5	M
29 Methyl tert-butyl ether	73	3.827	3.826	0.001	97	194361	20.0	23.7	
30 trans-1,2-Dichloroethene	96	3.851	3.851	0.000	97	70071	20.0	21.4	
31 Acrylonitrile	53	3.949	3.948	0.001	94	245280	200.0	212.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	57	4.046	4.046	0.000	94	103627	20.0	21.4	
33 Isopropyl ether	45	4.320	4.320	0.000	97	250812	20.0	25.5	
34 1,1-Dichloroethane	63	4.345	4.345	0.000	99	140745	20.0	23.4	
35 Vinyl acetate	86	4.375	4.369	0.006	100	22225	40.0	52.6	
36 2-Chloro-1,3-butadiene	88	4.394	4.399	-0.005	90	59722	20.0	21.8	
37 Tert-butyl ethyl ether	59	4.705	4.704	0.000	89	219240	20.0	24.9	
* 38 2-Butanone-d5	46	4.942	4.942	0.000	93	254009	250.0	250.0	
39 2,2-Dichloropropane	79	4.961	4.948	0.013	90	33408	20.0	22.4	
40 cis-1,2-Dichloroethene	96	4.979	4.985	-0.006	96	80462	20.0	22.5	
41 2-Butanone (MEK)	72	5.009	5.009	0.000	98	40451	100.0	98.0	
42 Ethyl acetate	70	5.028	5.027	0.001	95	9960	40.0	39.7	
43 Methyl acrylate	55	5.082	5.082	0.000	99	56988	20.0	24.6	
44 Propionitrile	54	5.174	5.168	0.006	98	95337	200.0	233.5	
45 Tetrahydrofuran	72	5.259	5.253	0.006	57	17480	40.0	39.7	
46 Chlorobromomethane	128	5.259	5.259	0.000	87	37351	20.0	22.3	
47 Methacrylonitrile	67	5.296	5.296	0.000	93	258529	200.0	241.5	
48 Chloroform	83	5.326	5.332	-0.006	98	126421	20.0	23.4	
49 Cyclohexane	56	5.473	5.472	0.001	92	127082	20.0	21.4	
50 1,1,1-Trichloroethane	97	5.497	5.497	0.000	98	99554	20.0	21.5	
$ 51 Dibromofluoromethane (Surr	113	5.521	5.521	0.000	97	140140	50.0	65.7	
52 Carbon tetrachloride	117	5.643	5.643	0.000	97	88254	20.0	21.5	
53 1,1-Dichloropropene	75	5.680	5.686	-0.006	98	90328	20.0	21.2	
58 Isobutyl alcohol	43	5.875	5.875	0.000	46	134631	500.0	532.4	
54 Isooctane	57	5.899	5.899	0.000	95	295915	20.0	22.6	
55 Benzene	78	5.924	5.924	0.000	96	268109	20.0	20.4	
$ 56 1,2-Dichloroethane-d4 (Sur	102	5.954	5.948	0.006	98	28933	50.0	62.5	
57 Tert-amyl methyl ether	73	6.021	6.021	0.000	92	239832	20.0	24.5	
59 Isopropyl acetate	43	6.021	6.021	0.000	98	188325	20.0	24.4	
60 1,2-Dichloroethane	62	6.040	6.045	-0.005	96	87040	20.0	23.3	
61 n-Heptane	57	6.131	6.137	-0.006	94	60166	20.0	22.0	
* 62 Fluorobenzene	96	6.283	6.283	0.000	98	408861	50.0	50.0	
63 n-Butanol	56	6.698	6.692	0.006	88	51539	500.0	527.0	
64 Trichloroethene	95	6.716	6.722	-0.006	98	66485	20.0	21.7	
65 Methylcyclohexane	83	6.863	6.862	0.001	96	118353	20.0	20.8	
66 Ethyl acrylate	73	6.887	6.887	0.000	97	4863	20.0	22.2	
67 1,2-Dichloropropane	63	7.052	7.045	0.007	92	74237	20.0	23.2	
* 68 1,4-Dioxane-d8	96	7.119	7.112	0.007	91	21534	1000.0	1000.0	
69 Methyl methacrylate	100	7.155	7.149	0.006	92	29620	40.0	46.2	
71 1,4-Dioxane	88	7.174	7.186	-0.012	45	14319	400.0	417.0	
70 Dibromomethane	93	7.186	7.186	0.000	95	42085	20.0	22.5	
72 n-Propyl acetate	43	7.216	7.216	0.000	99	91249	20.0	25.6	
73 Dichlorobromomethane	83	7.344	7.344	0.000	99	83984	20.0	22.6	
74 2-Nitropropane	41	7.673	7.673	0.000	86	25051	40.0	46.8	
75 2-Chloroethyl vinyl ether	63	7.680	7.679	0.001	87	37773	20.0	24.4	
76 Epichlorohydrin	57	7.771	7.771	0.000	100	129491	400.0	415.7	
77 cis-1,3-Dichloropropene	75	7.820	7.820	0.000	91	104873	20.0	21.7	
78 4-Methyl-2-pentanone (MIBK	43	7.966	7.966	0.000	97	337459	100.0	109.9	
$ 79 Toluene-d8 (Surr)	98	8.027	8.027	0.000	99	495715	50.0	59.4	
80 Toluene	91	8.094	8.094	0.000	93	268913	20.0	19.7	
81 trans-1,3-Dichloropropene	75	8.375	8.374	0.001	95	85800	20.0	21.3	
82 Ethyl methacrylate	69	8.399	8.399	0.000	90	79294	20.0	23.9	
83 1,1,2-Trichloroethane	83	8.539	8.539	0.000	95	48188	20.0	21.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Tetrachloroethene	166	8.570	8.569	0.001	97	69606	20.0	20.4	
85 1,3-Dichloropropane	76	8.692	8.691	0.001	93	94774	20.0	21.5	
86 2-Hexanone	43	8.734	8.734	0.000	97	237550	100.0	111.6	
87 n-Butyl acetate	73	8.813	8.813	0.000	99	13400	20.0	23.1	
88 Chlorodibromomethane	129	8.856	8.856	0.000	98	63218	20.0	21.6	
89 Ethylene Dibromide	107	8.966	8.966	0.000	98	54661	20.0	21.1	
* 90 Chlorobenzene-d5	117	9.326	9.325	0.001	87	346732	50.0	50.0	
91 Chlorobenzene	112	9.350	9.350	0.000	95	173615	20.0	20.3	
92 Ethylbenzene	106	9.411	9.411	0.000	99	92996	20.0	19.9	
93 1,1,1,2-Tetrachloroethane	131	9.423	9.423	0.000	94	68433	20.0	21.9	
94 m-Xylene & p-Xylene	106	9.508	9.508	0.000	98	113149	20.0	19.9	
95 n-Butyl acrylate	73	9.795	9.795	0.000	97	46474	20.0	22.9	
96 o-Xylene	106	9.825	9.825	0.000	94	121010	20.0	21.0	
97 Styrene	104	9.850	9.844	0.006	94	186643	20.0	21.1	
98 Amyl acetate (mixed isomer	43	9.960	9.959	0.001	90	119125	20.0	23.6	
99 Bromoform	173	10.014	10.014	0.000	97	40911	20.0	21.8	
100 Isopropylbenzene	105	10.094	10.093	0.001	96	307110	20.0	20.4	
$ 101 4-Bromofluorobenzene	174	10.252	10.252	0.000	93	163663	50.0	60.8	
102 Bromobenzene	156	10.362	10.362	0.000	97	78330	20.0	20.8	
103 1,1,2,2-Tetrachloroethane	83	10.380	10.380	0.000	99	80227	20.0	21.5	
104 N-Propylbenzene	91	10.405	10.404	0.001	99	377491	20.0	19.9	
105 1,2,3-Trichloropropane	110	10.423	10.423	0.000	98	21570	20.0	21.4	
106 trans-1,4-Dichloro-2-buten	53	10.429	10.429	0.000	87	21335	20.0	22.4	
107 4-Ethyltoluene	105	10.490	10.490	0.000	98	312831	20.0	20.7	
108 2-Chlorotoluene	91	10.490	10.490	0.000	97	257097	20.0	20.3	
109 1,3,5-Trimethylbenzene	105	10.533	10.532	0.001	93	259818	20.0	20.4	
110 4-Chlorotoluene	91	10.581	10.581	0.000	97	219182	20.0	20.0	
111 Butyl Methacrylate	87	10.588	10.587	0.001	92	91320	20.0	22.9	
112 tert-Butylbenzene	119	10.764	10.764	0.000	94	203399	20.0	20.1	
113 1,2,4-Trimethylbenzene	105	10.807	10.807	0.000	98	270992	20.0	20.5	
114 sec-Butylbenzene	105	10.923	10.923	0.000	99	332262	20.0	20.0	
115 4-Isopropyltoluene	119	11.020	11.020	0.000	98	285911	20.0	20.2	
116 1,3-Dichlorobenzene	146	11.039	11.038	0.001	96	149448	20.0	20.5	
* 117 1,4-Dichlorobenzene-d4	152	11.094	11.087	0.007	94	193815	50.0	50.0	
118 1,4-Dichlorobenzene	146	11.106	11.105	0.001	94	145133	20.0	19.8	
119 Benzyl chloride	126	11.209	11.209	0.000	99	26580	20.0	22.0	
120 2,3-Dihydroindene	117	11.264	11.264	0.000	94	294632	20.0	22.7	
121 p-Diethylbenzene	119	11.289	11.288	0.001	91	177208	20.0	20.0	
122 n-Butylbenzene	92	11.307	11.307	0.000	98	157881	20.0	19.7	
123 1,2-Dichlorobenzene	146	11.380	11.380	0.000	96	145153	20.0	20.4	
124 1,2,4,5-Tetramethylbenzene	119	11.886	11.886	0.000	97	283350	20.0	21.9	
125 1,2-Dibromo-3-Chloropropan	157	12.002	12.002	0.000	96	17286	20.0	21.7	
126 1,3,5-Trichlorobenzene	180	12.124	12.124	0.000	98	137241	20.0	22.0	
127 1,2,4-Trichlorobenzene	180	12.727	12.727	0.000	94	126597	20.0	21.6	
128 Hexachlorobutadiene	225	12.831	12.831	0.000	97	68324	20.0	21.7	
129 Naphthalene	128	13.002	13.001	0.001	99	267038	20.0	21.6	
130 1,2,3-Trichlorobenzene	180	13.276	13.276	0.000	95	121611	20.0	22.0	
S 131 1,2-Dichloroethene, Total	100				0		40.0	43.9	
S 132 1,3-Dichloropropene, Total	100				0		40.0	43.0	
S 133 Xylenes, Total	100				0		40.0	40.8	
S 134 Total BTEX	1				0		100.0	100.8	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00126	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	2.00	Units: uL	
ACROLEIN W_00044	Amount Added:	3.00	Units: uL	
8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 10-Nov-2015 13:49:33 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16340.D

Injection Date: 10-Nov-2015 11:01:30 Instrument ID: CVOAMS4 Operator ID:

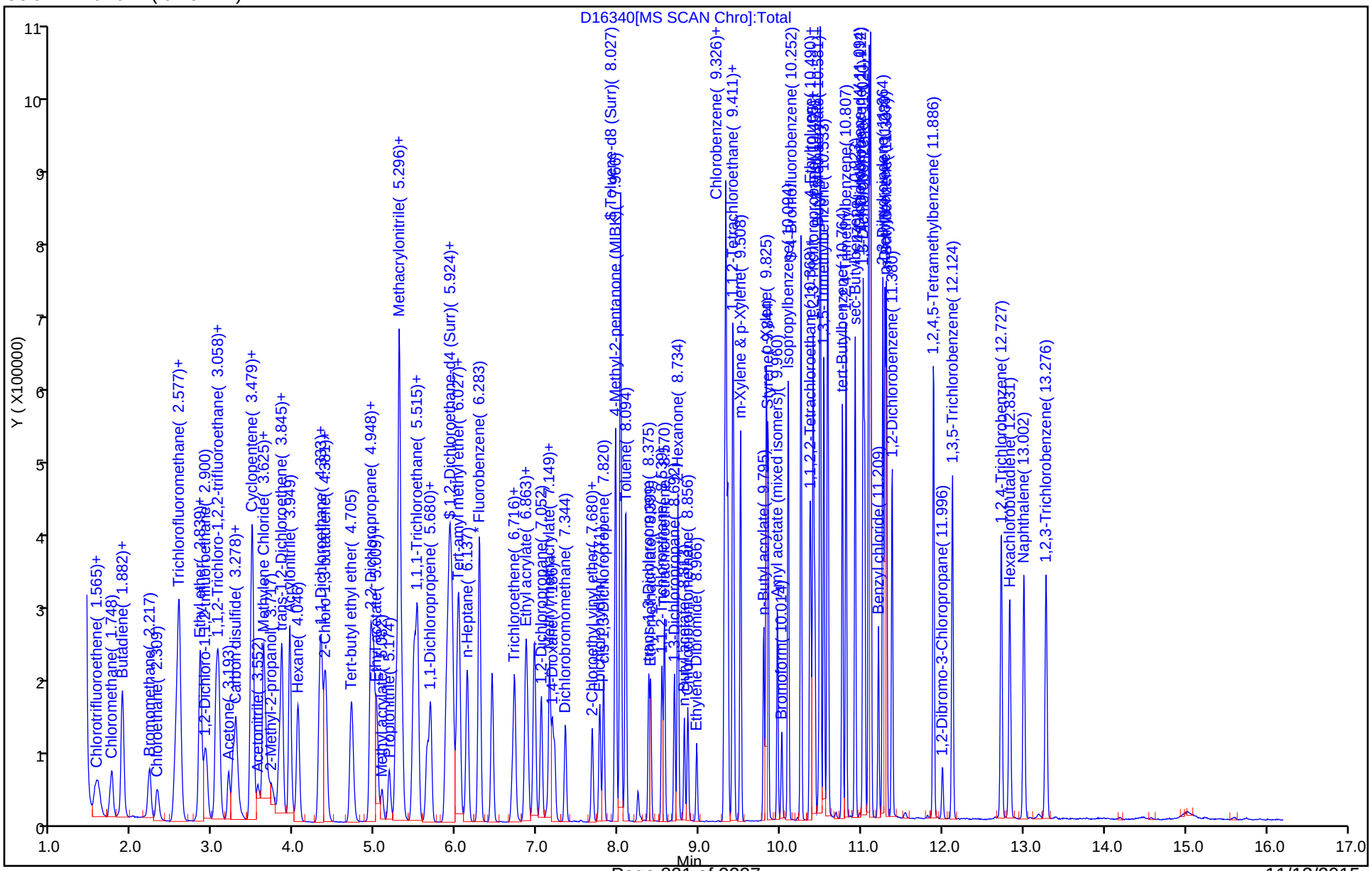
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334455/4

Matrix: Water | Lab File ID: C05507.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 21:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334455 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	13.3		1.0	0.22
74-83-9	Bromomethane	23.1		1.0	0.18
75-01-4	Vinyl chloride	16.5		1.0	0.060
75-00-3	Chloroethane	19.3		1.0	0.37
75-09-2	Methylene Chloride	19.9		1.0	0.21
67-64-1	Acetone	101		5.0	1.1
75-15-0	Carbon disulfide	20.5		1.0	0.22
75-69-4	Trichlorofluoromethane	22.8		1.0	0.15
75-35-4	1,1-Dichloroethene	21.2		1.0	0.34
75-34-3	1,1-Dichloroethane	19.4		1.0	0.24
156-60-5	trans-1,2-Dichloroethene	21.0		1.0	0.18
156-59-2	cis-1,2-Dichloroethene	20.3		1.0	0.26
67-66-3	Chloroform	20.1		1.0	0.22
78-93-3	2-Butanone	102		5.0	2.2
107-06-2	1,2-Dichloroethane	18.3		1.0	0.25
71-55-6	1,1,1-Trichloroethane	20.3		1.0	0.28
56-23-5	Carbon tetrachloride	20.9		1.0	0.33
71-43-2	Benzene	17.2		1.0	0.090
75-25-2	Bromoform	17.5		1.0	0.18
100-42-5	Styrene	18.0		1.0	0.17
100-41-4	Ethylbenzene	17.8		1.0	0.30
108-90-7	Chlorobenzene	17.8		1.0	0.24
110-82-7	Cyclohexane	20.7		1.0	0.26
98-82-8	Isopropylbenzene	19.1		1.0	0.32
591-78-6	2-Hexanone	93.1		5.0	0.72
1634-04-4	MTBE	19.2		1.0	0.13
76-13-1	Freon TF	23.9		1.0	0.34
79-20-9	Methyl acetate	80.9		5.0	0.58
123-91-1	1,4-Dioxane	399		50	8.7
79-01-6	Trichloroethene	20.8		1.0	0.22
108-88-3	Toluene	17.5		1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	15.9		1.0	0.19
108-10-1	4-Methyl-2-pentanone	93.1		5.0	0.63
10061-01-5	cis-1,3-Dichloropropene	16.4		1.0	0.16
95-50-1	1,2-Dichlorobenzene	18.6		1.0	0.22
541-73-1	1,3-Dichlorobenzene	18.5		1.0	0.33

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334455/4

Matrix: Water | Lab File ID: C05507.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 21:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334455 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	17.8		1.0	0.33
120-82-1	1,2,4-Trichlorobenzene	18.6		1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	18.0		1.0	0.35
78-87-5	1,2-Dichloropropane	20.3		1.0	0.18
108-87-2	Methylcyclohexane	22.4		1.0	0.22
127-18-4	Tetrachloroethene	20.2		1.0	0.12
1330-20-7	Xylenes, Total	35.5		2.0	0.28
96-12-8	1,2-Dibromo-3-Chloropropane	14.7		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	15.7		1.0	0.19
79-00-5	1,1,2-Trichloroethane	16.6		1.0	0.080
124-48-1	Dibromochloromethane	17.3		1.0	0.22
106-93-4	1,2-Dibromoethane	17.3		1.0	0.19
75-71-8	Dichlorodifluoromethane	15.7		1.0	0.14
74-97-5	Bromochloromethane	19.9		1.0	0.30
75-27-4	Bromodichloromethane	19.6		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		70-137
2037-26-5	Toluene-d8 (Surr)	83		74-120
460-00-4	Bromofluorobenzene	94		70-131
1868-53-7	Dibromofluoromethane (Surr)	100		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS3\20151110-34067.b\C05507.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 10-Nov-2015 21:07:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0034067-004
Operator ID: VOA GC/MS3 Instrument ID: CVOAMS3

Method: \\ChromNA\Edison\ChromData\CVOAMS3\20151110-34067.b\8260W_3.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 10:58:10 Calib Date: 29-Oct-2015 13:14:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS3\20151029-33563.b\C05033.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: starzecm Date: 10-Nov-2015 23:59:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.466	1.459	0.007	15	1142	20.0	62.9	M
2 Dichlorodifluoromethane	85	1.495	1.495	0.000	98	64737	20.0	15.7	
3 Chloromethane	50	1.709	1.702	0.007	100	58985	20.0	13.3	
4 Vinyl chloride	62	1.759	1.766	-0.007	97	81535	20.0	16.5	
5 Butadiene	54	1.788	1.788	0.000	89	71731	20.0	16.5	
6 Bromomethane	94	2.038	2.038	0.000	95	16623	20.0	23.1	
7 Chloroethane	64	2.138	2.145	-0.007	98	50157	20.0	19.3	
8 Dichlorofluoromethane	67	2.317	2.317	0.000	99	126089	20.0	17.9	
9 Trichlorofluoromethane	101	2.331	2.331	0.000	98	103960	20.0	22.8	
10 Pentane	72	2.367	2.367	0.000	97	32682	40.0	44.1	
11 Ethanol	46	2.510	2.517	-0.007	99	19773	800.0	751.4	
12 Ethyl ether	59	2.567	2.567	0.000	94	62042	20.0	19.3	
13 2-Methyl-1,3-butadiene	53	2.582	2.582	0.000	92	64264	20.0	19.0	
14 1,2-Dichloro-1,1,2-trifluo	117	2.617	2.617	0.000	84	68284	20.0	24.6	
15 1,1,2-Trichloro-1,2,2-trif	101	2.739	2.739	0.000	95	78106	20.0	23.9	
16 Acrolein	56	2.746	2.746	0.000	95	36384	40.0	35.5	
17 1,1-Dichloroethene	96	2.782	2.782	0.000	93	76642	20.0	21.2	
18 Acetone	43	2.875	2.875	0.000	90	133326	100.0	101.1	
20 Iodomethane	142	2.939	2.939	0.000	94	40623	20.0	27.4	
19 Isopropyl alcohol	45	2.961	2.953	0.008	100	52098	200.0	166.4	
21 Carbon disulfide	76	2.982	2.975	0.007	98	233811	20.0	20.5	
22 3-Chloro-1-propene	76	3.125	3.118	0.007	88	36798	20.0	20.2	
24 Methyl acetate	43	3.132	3.125	0.007	98	319447	100.0	80.9	
23 Cyclopentene	67	3.132	3.132	0.000	88	196745	20.0	21.1	
25 Acetonitrile	41	3.189	3.189	0.000	99	119795	200.0	160.2	
* 26 TBA-d9 (IS)	65	3.225	3.225	0.000	85	331941	1000.0	1000.0	
27 Methylene Chloride	84	3.254	3.254	0.000	88	81345	20.0	19.9	
28 2-Methyl-2-propanol	59	3.304	3.304	0.000	99	84569	200.0	179.1	
29 Methyl tert-butyl ether	73	3.411	3.411	0.000	97	209049	20.0	19.2	
30 trans-1,2-Dichloroethene	96	3.447	3.447	0.000	90	83560	20.0	21.0	
31 Acrylonitrile	53	3.540	3.540	0.000	97	317838	200.0	182.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	3.618	3.611	0.007	91	71920	20.0	18.8	
34 Isopropyl ether	45	3.847	3.847	0.000	97	226205	20.0	18.1	
35 1,1-Dichloroethane	63	3.890	3.883	0.007	98	139481	20.0	19.4	
33 Vinyl acetate	43	3.904	3.897	0.007	99	237350	40.0	40.7	
36 2-Chloro-1,3-butadiene	88	3.933	3.933	0.000	86	78555	20.0	21.1	
37 Tert-butyl ethyl ether	59	4.198	4.190	0.008	91	214248	20.0	18.3	
* 38 2-Butanone-d5	46	4.419	4.419	0.000	95	282611	250.0	250.0	
39 2,2-Dichloropropane	79	4.434	4.434	0.000	90	34136	20.0	19.6	
40 cis-1,2-Dichloroethene	96	4.462	4.462	0.000	94	91190	20.0	20.3	
41 2-Butanone (MEK)	72	4.484	4.484	0.000	98	55193	100.0	101.8	
42 Ethyl acetate	70	4.491	4.491	0.000	98	13705	40.0	35.0	
43 Methyl acrylate	55	4.548	4.548	0.000	100	76361	20.0	17.6	
44 Propionitrile	54	4.641	4.641	0.000	99	118664	200.0	172.0	
45 Tetrahydrofuran	72	4.712	4.712	0.000	81	23817	40.0	39.0	
46 Chlorobromomethane	128	4.727	4.727	0.000	79	38313	20.0	19.9	
47 Methacrylonitrile	67	4.755	4.748	0.007	88	371457	200.0	189.2	
48 Chloroform	83	4.777	4.777	0.000	99	130316	20.0	20.1	
49 Cyclohexane	56	4.913	4.913	0.000	88	132706	20.0	20.7	
50 1,1,1-Trichloroethane	97	4.934	4.934	0.000	97	113397	20.0	20.3	
$ 51 Dibromofluoromethane (Surr	113	4.955	4.955	0.000	93	117324	50.0	50.2	
52 Carbon tetrachloride	117	5.070	5.063	0.007	94	103096	20.0	20.9	
53 1,1-Dichloropropene	75	5.106	5.106	0.000	98	107154	20.0	20.0	
54 Isobutyl alcohol	43	5.263	5.263	0.000	88	139552	500.0	470.1	
133 Isooctane	57	5.299	5.299	0.000	99	264140	20.0	20.5	
55 Benzene	78	5.334	5.334	0.000	95	314361	20.0	17.2	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.356	5.363	-0.007	89	107681	50.0	44.5	
58 Tert-amyl methyl ether	73	5.413	5.413	0.000	77	215190	20.0	19.0	
59 Isopropyl acetate	43	5.413	5.413	0.000	93	191060	20.0	16.5	
60 1,2-Dichloroethane	62	5.442	5.442	0.000	97	84818	20.0	18.3	
57 n-Heptane	57	5.520	5.513	0.007	89	60819	20.0	20.5	
* 61 Fluorobenzene	96	5.671	5.671	0.000	100	414204	50.0	50.0	
62 n-Butanol	56	6.035	6.035	0.000	85	63848	500.0	487.8	
63 Trichloroethene	95	6.078	6.078	0.000	93	83972	20.0	20.8	
64 Methylcyclohexane	83	6.207	6.214	-0.007	91	144398	20.0	22.4	
65 Ethyl acrylate	55	6.228	6.228	0.000	98	197583	20.0	18.6	
66 1,2-Dichloropropane	63	6.393	6.393	0.000	97	82645	20.0	20.3	
* 67 1,4-Dioxane-d8	96	6.450	6.450	0.000	94	42074	1000.0	1000.0	
68 Methyl methacrylate	100	6.486	6.486	0.000	87	47251	40.0	38.4	
69 1,4-Dioxane	88	6.514	6.507	0.007	82	25468	400.0	398.9	
70 Dibromomethane	93	6.529	6.529	0.000	88	50437	20.0	21.9	
71 n-Propyl acetate	43	6.550	6.550	0.000	96	105171	20.0	16.1	
72 Dichlorobromomethane	83	6.679	6.679	0.000	99	98666	20.0	19.6	
73 2-Nitropropane	41	7.008	7.000	0.008	80	31879	40.0	28.8	
74 2-Chloroethyl vinyl ether	63	7.008	7.008	0.000	74	40866	20.0	16.4	
75 Epichlorohydrin	57	7.101	7.101	0.000	99	138272	400.0	425.6	
76 cis-1,3-Dichloropropene	75	7.143	7.143	0.000	87	126972	20.0	16.4	
77 4-Methyl-2-pentanone (MIBK	43	7.286	7.286	0.000	94	348982	100.0	93.1	
$ 78 Toluene-d8 (Surr)	98	7.351	7.351	0.000	99	459487	50.0	41.7	
79 Toluene	91	7.415	7.415	0.000	93	333136	20.0	17.5	
80 trans-1,3-Dichloropropene	75	7.694	7.694	0.000	94	108353	20.0	15.9	
81 Ethyl methacrylate	69	7.715	7.715	0.000	87	102659	20.0	18.8	
82 1,1,2-Trichloroethane	83	7.858	7.858	0.000	97	61314	20.0	16.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.887	7.887	0.000	92	112095	20.0	20.2	
84 1,3-Dichloropropane	76	8.009	8.009	0.000	89	119352	20.0	16.4	
85 2-Hexanone	43	8.059	8.059	0.000	94	253296	100.0	93.1	
86 n-Butyl acetate	73	8.137	8.137	0.000	97	17296	20.0	14.8	
87 Chlorodibromomethane	129	8.173	8.173	0.000	97	84587	20.0	17.3	
88 Ethylene Dibromide	107	8.287	8.280	0.007	98	80573	20.0	17.3	
* 89 Chlorobenzene-d5	117	8.645	8.645	0.000	82	392911	50.0	50.0	
90 Chlorobenzene	112	8.674	8.666	0.008	98	226755	20.0	17.8	
91 Ethylbenzene	106	8.731	8.731	0.000	97	125737	20.0	17.8	
92 1,1,1,2-Tetrachloroethane	131	8.745	8.745	0.000	95	82758	20.0	17.5	
93 m-Xylene & p-Xylene	106	8.831	8.831	0.000	98	149506	20.0	17.4	
94 n-Butyl acrylate	73	9.124	9.124	0.000	99	59915	20.0	15.4	
95 o-Xylene	106	9.153	9.153	0.000	95	150083	20.0	18.1	
96 Styrene	104	9.174	9.174	0.000	98	245120	20.0	18.0	
97 Amyl acetate (mixed isomer	43	9.296	9.296	0.000	91	124346	20.0	13.3	
98 Bromoform	173	9.339	9.339	0.000	98	65081	20.0	17.5	
99 Isopropylbenzene	105	9.424	9.424	0.000	94	377879	20.0	19.1	
$ 100 4-Bromofluorobenzene	174	9.582	9.582	0.000	95	201981	50.0	47.0	
101 Bromobenzene	156	9.696	9.696	0.000	86	110870	20.0	17.6	
102 1,1,2,2-Tetrachloroethane	83	9.710	9.710	0.000	99	94043	20.0	15.7	
103 N-Propylbenzene	91	9.732	9.732	0.000	100	440362	20.0	17.8	
104 1,2,3-Trichloropropane	110	9.753	9.753	0.000	96	29163	20.0	15.7	
105 trans-1,4-Dichloro-2-buten	53	9.760	9.760	0.000	91	18486	20.0	10.6	
106 4-Ethyltoluene	105	9.818	9.818	0.000	98	376169	20.0	17.4	
107 2-Chlorotoluene	91	9.825	9.825	0.000	96	279236	20.0	16.6	
108 1,3,5-Trimethylbenzene	105	9.868	9.868	0.000	94	300689	20.0	17.3	
109 4-Chlorotoluene	91	9.911	9.911	0.000	95	252155	20.0	16.4	
110 Butyl Methacrylate	87	9.932	9.925	0.007	84	105182	20.0	15.9	
111 tert-Butylbenzene	119	10.104	10.096	0.008	97	271894	20.0	17.6	
112 1,2,4-Trimethylbenzene	105	10.147	10.147	0.000	96	308180	20.0	17.4	
113 sec-Butylbenzene	105	10.261	10.261	0.000	99	398338	20.0	18.3	
114 4-Isopropyltoluene	119	10.361	10.361	0.000	98	346868	20.0	18.3	
115 1,3-Dichlorobenzene	146	10.375	10.375	0.000	99	201986	20.0	18.5	
* 116 1,4-Dichlorobenzene-d4	152	10.433	10.425	0.008	91	226535	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.447	10.447	0.000	97	198483	20.0	17.8	
118 Benzyl chloride	91	10.554	10.554	0.000	100	181431	20.0	14.7	
119 2,3-Dihydroindene	117	10.604	10.604	0.000	94	327227	20.0	21.9	
120 p-Diethylbenzene	119	10.633	10.633	0.000	96	203978	20.0	17.7	
121 n-Butylbenzene	91	10.654	10.654	0.000	98	343823	20.0	17.7	
122 1,2-Dichlorobenzene	146	10.719	10.719	0.000	100	185793	20.0	18.6	
123 1,2,4,5-Tetramethylbenzene	119	11.190	11.190	0.000	98	298039	20.0	17.1	
124 1,2-Dibromo-3-Chloropropan	75	11.283	11.283	0.000	89	15501	20.0	14.7	
125 1,3,5-Trichlorobenzene	180	11.391	11.391	0.000	95	148731	20.0	18.1	
126 1,2,4-Trichlorobenzene	180	11.906	11.906	0.000	92	130356	20.0	18.6	
127 Hexachlorobutadiene	225	11.991	11.991	0.000	98	68320	20.0	19.6	
128 Naphthalene	128	12.141	12.141	0.000	99	267090	20.0	16.7	
129 1,2,3-Trichlorobenzene	180	12.363	12.363	0.000	95	105017	20.0	18.0	
S 130 1,2-Dichloroethene, Total	100				0		40.0	41.3	
S 165 1,3-Dichloropropene, Total	100				0		40.0	32.3	
S 131 Xylenes, Total	100				0		40.0	35.5	
S 132 Total BTEX	1				0		100.0	88.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00126	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	20.00	Units: uL	
ACROLEIN W_00044	Amount Added:	4.00	Units: uL	
8260ISSUR50_00019	Amount Added:	5.00	Units: uL	Run Reagent

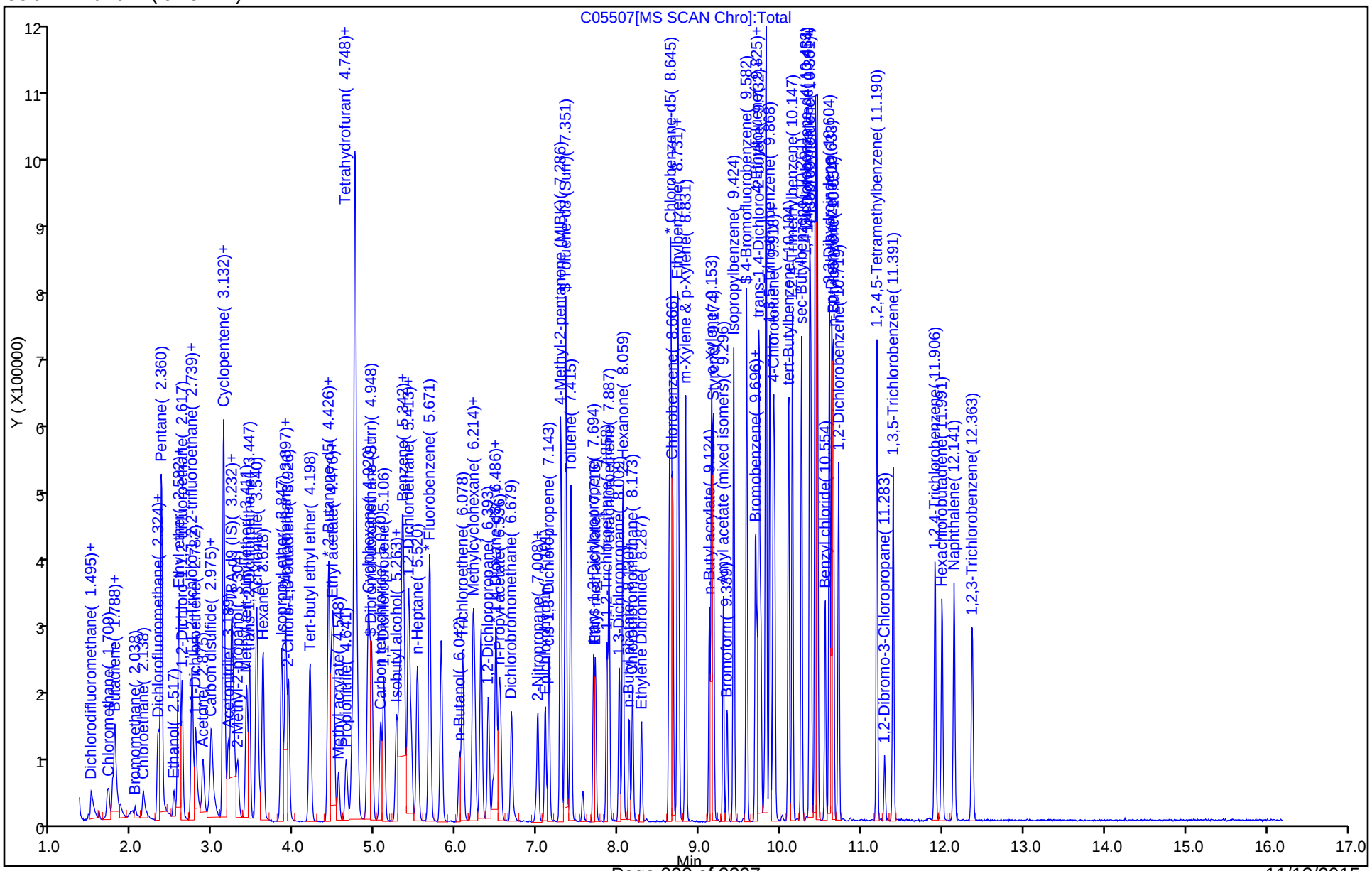
Report Date: 11-Nov-2015 10:58:12 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS3\20151110-34067.b\C05507.D

Injection Date:	10-Nov-2015 21:07:30	Instrument ID:	CVOAMS3	Operator ID:	VOA GC/MS3
Lims ID:	LCS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260W_3	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334504/4

Matrix: Solid | Lab File ID: B89814.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 22:03

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 334504 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1030		50	11
74-83-9	Bromomethane	1040		50	9.0
75-01-4	Vinyl chloride	1050		50	10
75-00-3	Chloroethane	994		50	19
75-09-2	Methylene Chloride	984		50	11
67-64-1	Acetone	3910		250	54
75-15-0	Carbon disulfide	1010		50	11
75-69-4	Trichlorofluoromethane	949		50	7.5
75-35-4	1,1-Dichloroethene	932		50	17
75-34-3	1,1-Dichloroethane	1050		50	12
156-60-5	trans-1,2-Dichloroethene	939		50	9.0
156-59-2	cis-1,2-Dichloroethene	945		50	13
67-66-3	Chloroform	962		50	11
78-93-3	2-Butanone	4110		250	110
107-06-2	1,2-Dichloroethane	840		50	13
71-55-6	1,1,1-Trichloroethane	854		50	14
56-23-5	Carbon tetrachloride	863		50	17
71-43-2	Benzene	1030		50	9.5
75-25-2	Bromoform	962		50	9.0
100-42-5	Styrene	957		50	8.5
100-41-4	Ethylbenzene	978		50	15
108-90-7	Chlorobenzene	928		50	12
110-82-7	Cyclohexane	951		50	13
98-82-8	Isopropylbenzene	926		50	16
591-78-6	2-Hexanone	5130		250	36
1634-04-4	MTBE	914		50	6.5
76-13-1	Freon TF	1000		50	17
79-20-9	Methyl acetate	5080		250	29
123-91-1	1,4-Dioxane	25100		1300	440
79-01-6	Trichloroethene	956		50	11
108-88-3	Toluene	1010		50	13
10061-02-6	trans-1,3-Dichloropropene	961		50	9.5
108-10-1	4-Methyl-2-pentanone	5170		250	32
10061-01-5	cis-1,3-Dichloropropene	1000		50	8.0
95-50-1	1,2-Dichlorobenzene	916		50	11
541-73-1	1,3-Dichlorobenzene	917		50	17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334504/4

Matrix: Solid | Lab File ID: B89814.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 22:03

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 334504 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	933		50	17
120-82-1	1,2,4-Trichlorobenzene	908		50	14
87-61-6	1,2,3-Trichlorobenzene	898		50	18
78-87-5	1,2-Dichloropropane	1050		50	9.0
108-87-2	Methylcyclohexane	919		50	11
127-18-4	Tetrachloroethene	987		50	18
1330-20-7	Xylenes, Total	1830		100	14
96-12-8	1,2-Dibromo-3-Chloropropane	809		50	12
79-34-5	1,1,2,2-Tetrachloroethane	1010		50	9.5
79-00-5	1,1,2-Trichloroethane	1030		50	4.0
124-48-1	Dibromochloromethane	913		50	11
106-93-4	1,2-Dibromoethane	923		50	9.5
75-71-8	Dichlorodifluoromethane	832		50	7.0
74-97-5	Bromochloromethane	906		50	15
75-27-4	Bromodichloromethane	963		50	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		69-145
2037-26-5	Toluene-d8 (Surr)	100		72-136
460-00-4	Bromofluorobenzene	99		64-131
1868-53-7	Dibromofluoromethane (Surr)	98		74-134

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\B89814.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 10-Nov-2015 22:03:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCS
Misc. Info.: 460-0034078-004
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 15:44:57 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: delpolitov Date: 11-Nov-2015 11:26:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.085	1.077	0.008	85	9800	20.0	17.9	
2 Dichlorodifluoromethane	85	1.110	1.101	0.009	98	66502	20.0	16.6	
3 Chloromethane	50	1.217	1.217	0.000	97	54165	20.0	20.6	
4 Vinyl chloride	62	1.307	1.307	0.000	97	65327	20.0	21.1	
5 Butadiene	54	1.307	1.307	0.000	88	50432	20.0	21.2	
6 Bromomethane	94	1.537	1.529	0.008	97	53883	20.0	20.9	
7 Chloroethane	64	1.595	1.595	0.000	99	35164	20.0	19.9	
10 Trichlorofluoromethane	101	1.776	1.768	0.008	66	97032	20.0	19.0	
9 Dichlorofluoromethane	67	1.776	1.768	0.008	98	119175	20.0	21.0	
8 Pentane	72	1.784	1.785	0.000	95	14372	40.0	38.7	
12 Ethanol	46	1.965	1.966	-0.001	74	2333	800.0	960.2	M
11 Ethyl ether	59	1.965	1.966	-0.001	91	46074	20.0	21.6	
13 2-Methyl-1,3-butadiene	53	1.974	1.974	0.000	96	46591	20.0	20.2	
14 1,2-Dichloro-1,1,2-trifluo	117	2.040	2.040	-0.001	83	57542	20.0	19.7	
16 1,1,2-Trichloro-1,2,2-trif	101	2.146	2.130	0.016	53	56683	20.0	20.1	
15 Acrolein	56	2.130	2.138	-0.008	41	15767	40.0	34.9	
17 1,1-Dichloroethene	96	2.146	2.147	-0.001	96	59668	20.0	18.6	
18 Acetone	43	2.245	2.245	0.000	86	43020	100.0	78.2	
19 Iodomethane	142	2.286	2.287	0.000	96	133898	20.0	19.7	
20 Carbon disulfide	76	2.311	2.303	0.008	98	200516	20.0	20.1	
21 Isopropyl alcohol	45	2.369	2.377	-0.008	38	12871	200.0	273.3	M
22 3-Chloro-1-propene	76	2.451	2.459	-0.008	50	36303	20.0	20.5	
23 Cyclopentene	67	2.459	2.468	-0.009	83	140107	20.0	20.1	
24 Methyl acetate	43	2.476	2.476	0.000	98	190184	100.0	101.6	
25 Acetonitrile	41	2.550	2.542	0.008	70	41945	200.0	191.8	
26 Methylene Chloride	84	2.591	2.591	0.000	87	68382	20.0	19.7	
* 27 TBA-d9 (IS)	65	2.624	2.616	0.008	88	169343	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.681	2.706	-0.025	93	35941	200.0	206.2	
29 Methyl tert-butyl ether	73	2.747	2.747	0.000	97	173458	20.0	18.3	
30 trans-1,2-Dichloroethene	96	2.772	2.764	0.008	92	65083	20.0	18.8	
31 Acrylonitrile	53	2.846	2.854	-0.008	98	176500	200.0	202.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.928	2.928	0.000	91	23006	20.0	22.9	
34 Isopropyl ether	45	3.159	3.159	0.000	96	167710	20.0	21.8	
33 1,1-Dichloroethane	63	3.167	3.167	0.000	98	107788	20.0	21.0	
36 Vinyl acetate	86	3.208	3.200	0.008	100	16600	40.0	44.8	
35 2-Chloro-1,3-butadiene	88	3.208	3.216	-0.008	75	54632	20.0	19.0	
38 Tert-butyl ethyl ether	59	3.488	3.488	0.000	90	177903	20.0	19.5	
* 158 2-Butanone-d5	46	3.702	3.702	0.000	89	196490	250.0	250.0	
39 2,2-Dichloropropane	41	3.702	3.702	0.000	67	44135	20.0	18.7	
40 cis-1,2-Dichloroethene	96	3.727	3.727	0.000	94	71228	20.0	18.9	
41 2-Butanone (MEK)	72	3.760	3.751	0.009	96	21952	100.0	82.2	
42 Ethyl acetate	70	3.776	3.793	-0.017	92	7051	40.0	34.6	
43 Methyl acrylate	55	3.825	3.825	0.000	99	41472	20.0	20.4	
44 Propionitrile	54	3.899	3.900	-0.001	95	50183	200.0	217.1	
46 Tetrahydrofuran	72	3.957	3.965	-0.008	79	11765	40.0	35.1	
45 Chlorobromomethane	128	3.973	3.974	-0.001	77	36713	20.0	18.1	
47 Methacrylonitrile	67	4.006	4.007	-0.001	90	210248	200.0	192.4	
48 Chloroform	83	4.056	4.056	0.000	98	108062	20.0	19.2	
49 Cyclohexane	84	4.146	4.155	-0.009	89	59527	20.0	19.0	
50 1,1,1-Trichloroethane	97	4.171	4.171	0.000	96	90247	20.0	17.1	
$ 51 Dibromofluoromethane (Surr	113	4.229	4.220	0.009	91	133080	50.0	49.0	
52 Carbon tetrachloride	117	4.311	4.311	0.000	97	73949	20.0	17.3	
53 1,1-Dichloropropene	75	4.344	4.344	0.000	96	73991	20.0	19.2	
54 Isooctane	57	4.541	4.541	0.000	93	72157	20.0	19.9	
55 Benzene	78	4.566	4.558	0.008	96	228832	20.0	20.6	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.599	4.599	0.000	95	128866	50.0	46.5	
56 Isobutyl alcohol	43	4.599	4.624	-0.025	63	29891	500.0	520.8	M
58 Tert-amyl methyl ether	73	4.665	4.673	-0.008	93	183682	20.0	18.4	
60 1,2-Dichloroethane	62	4.689	4.681	0.008	96	74021	20.0	16.8	
59 Isopropyl acetate	87	4.673	4.690	-0.017	97	55312	20.0	17.6	
61 n-Heptane	57	4.780	4.780	0.000	83	16351	20.0	21.8	
* 62 Fluorobenzene	96	4.912	4.904	0.008	100	534656	50.0	50.0	
64 Trichloroethene	95	5.315	5.315	0.000	95	57772	20.0	19.1	
65 n-Butanol	56	5.422	5.422	0.000	50	9701	500.0	722.7	
66 Methylcyclohexane	83	5.447	5.447	0.000	95	46720	20.0	18.4	
67 Ethyl acrylate	55	5.529	5.521	0.008	97	52039	20.0	18.5	
68 1,2-Dichloropropane	63	5.652	5.661	-0.009	94	54799	20.0	21.1	
* 69 1,4-Dioxane-d8	96	5.759	5.743	0.016	90	18598	1000.0	1000.0	
71 1,4-Dioxane	88	5.809	5.801	0.008	28	5938	400.0	501.8	M
72 Methyl methacrylate	100	5.809	5.809	0.000	86	30745	40.0	34.8	
70 Dibromomethane	93	5.809	5.809	0.000	66	36816	20.0	17.8	
73 n-Propyl acetate	43	5.891	5.891	0.000	98	58008	20.0	20.3	
74 Dichlorobromomethane	83	6.023	6.023	0.000	96	75856	20.0	19.3	
75 2-Nitropropane	41	6.434	6.426	0.008	99	21775	40.0	34.7	
76 2-Chloroethyl vinyl ether	63	6.467	6.467	0.000	91	31284	20.0	19.3	
77 Epichlorohydrin	57	6.574	6.574	0.000	97	74958	400.0	356.8	
78 cis-1,3-Dichloropropene	75	6.623	6.624	-0.001	89	88744	20.0	20.0	
79 4-Methyl-2-pentanone (MIBK	43	6.846	6.846	0.000	96	232751	100.0	103.4	
$ 80 Toluene-d8 (Surr)	98	6.887	6.887	0.000	99	456934	50.0	50.0	
81 Toluene	91	6.969	6.969	0.000	93	236369	20.0	20.1	
82 trans-1,3-Dichloropropene	75	7.381	7.381	0.000	95	76547	20.0	19.2	
83 Ethyl methacrylate	69	7.430	7.430	0.000	87	66883	20.0	20.3	
84 1,1,2-Trichloroethane	83	7.570	7.570	0.000	93	44301	20.0	20.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	7.578	7.578	0.000	95	62946	20.0	19.7	
86 1,3-Dichloropropane	76	7.751	7.751	0.000	91	84625	20.0	19.4	
87 2-Hexanone	43	7.833	7.842	-0.009	96	133202	100.0	102.6	
88 Chlorodibromomethane	129	7.957	7.949	0.008	98	62343	20.0	18.3	
89 n-Butyl acetate	73	7.957	7.957	0.000	89	10663	20.0	20.4	
90 Ethylene Dibromide	107	8.064	8.064	0.000	99	56088	20.0	18.5	
* 91 Chlorobenzene-d5	117	8.508	8.508	0.000	84	465321	50.0	50.0	
92 Chlorobenzene	112	8.541	8.541	0.000	97	162986	20.0	18.6	
93 Ethylbenzene	106	8.623	8.623	0.000	97	85175	20.0	19.6	
94 1,1,1,2-Tetrachloroethane	131	8.640	8.640	0.000	95	62617	20.0	17.8	
95 m-Xylene & p-Xylene	106	8.747	8.747	0.000	95	99598	20.0	18.1	
96 o-Xylene	106	9.117	9.117	0.000	94	104128	20.0	18.4	
97 n-Butyl acrylate	73	9.134	9.134	0.000	98	45511	20.0	19.6	
98 Styrene	104	9.150	9.150	0.000	98	179849	20.0	19.1	
100 Amyl acetate (mixed isomer	43	9.339	9.339	0.000	92	99621	20.0	23.6	
99 Bromoform	173	9.339	9.339	0.000	66	46582	20.0	19.2	
101 Isopropylbenzene	105	9.446	9.446	0.000	94	212299	20.0	18.5	
$ 102 4-Bromofluorobenzene	174	9.627	9.627	0.000	97	196658	50.0	49.5	
104 Bromobenzene	156	9.734	9.734	0.000	91	80735	20.0	18.6	
105 1,1,2,2-Tetrachloroethane	83	9.800	9.800	0.000	97	73727	20.0	20.2	
106 N-Propylbenzene	91	9.800	9.800	0.000	100	226918	20.0	19.3	
107 1,2,3-Trichloropropane	110	9.833	9.833	0.000	98	22267	20.0	18.2	
108 trans-1,4-Dichloro-2-buten	53	9.849	9.850	-0.001	68	18368	20.0	21.0	
109 2-Chlorotoluene	91	9.899	9.899	0.000	97	174160	20.0	18.7	
110 4-Ethyltoluene	105	9.907	9.907	0.000	97	206845	20.0	18.4	
111 1,3,5-Trimethylbenzene	105	9.965	9.965	0.000	96	168391	20.0	17.8	
112 4-Chlorotoluene	91	9.998	9.998	0.000	95	170578	20.0	19.6	
113 Butyl Methacrylate	87	10.055	10.055	0.000	88	85343	20.0	20.3	
114 tert-Butylbenzene	119	10.220	10.220	0.000	96	123291	20.0	17.0	
115 1,2,4-Trimethylbenzene	105	10.277	10.278	-0.001	96	179340	20.0	17.5	
116 sec-Butylbenzene	105	10.401	10.401	0.000	99	175162	20.0	18.5	
118 4-Isopropyltoluene	119	10.524	10.524	0.000	98	163643	20.0	18.8	
117 1,3-Dichlorobenzene	146	10.524	10.524	0.000	98	124632	20.0	18.3	
* 119 1,4-Dichlorobenzene-d4	152	10.590	10.590	0.000	92	289042	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.607	10.607	0.000	96	133575	20.0	18.7	
121 Benzyl chloride	91	10.730	10.730	0.000	99	141060	20.0	19.4	
122 2,3-Dihydroindene	117	10.779	10.780	-0.001	95	229037	20.0	18.2	
123 p-Diethylbenzene	119	10.829	10.829	0.000	94	94225	20.0	17.8	
124 n-Butylbenzene	91	10.845	10.845	0.000	98	160259	20.0	19.9	
125 1,2-Dichlorobenzene	146	10.911	10.911	0.000	99	131569	20.0	18.3	
126 1,2,4,5-Tetramethylbenzene	119	11.446	11.446	0.000	98	162048	20.0	17.0	
127 1,2-Dibromo-3-Chloropropan	75	11.537	11.537	0.000	88	10942	20.0	16.2	
128 1,3,5-Trichlorobenzene	180	11.644	11.644	0.000	96	84492	20.0	18.4	
130 1,2,4-Trichlorobenzene	180	12.137	12.129	0.008	92	79172	20.0	18.2	
131 Hexachlorobutadiene	225	12.211	12.212	-0.001	97	36395	20.0	21.3	
132 Naphthalene	128	12.335	12.335	0.000	99	198118	20.0	16.9	
133 1,2,3-Trichlorobenzene	180	12.532	12.532	0.000	95	72092	20.0	18.0	
S 134 1,2-Dichloroethene, Total	100				0		40.0	37.7	
S 135 Xylenes, Total	100				0		40.0	36.6	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260SURR250_00096	Amount Added: 1.00	Units: uL	
GASES Li_00126	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00029	Amount Added: 20.00	Units: uL	
ACROLEIN W_00044	Amount Added: 4.00	Units: uL	
8260ISNEW_00030	Amount Added: 1.00	Units: uL	Run Reagent

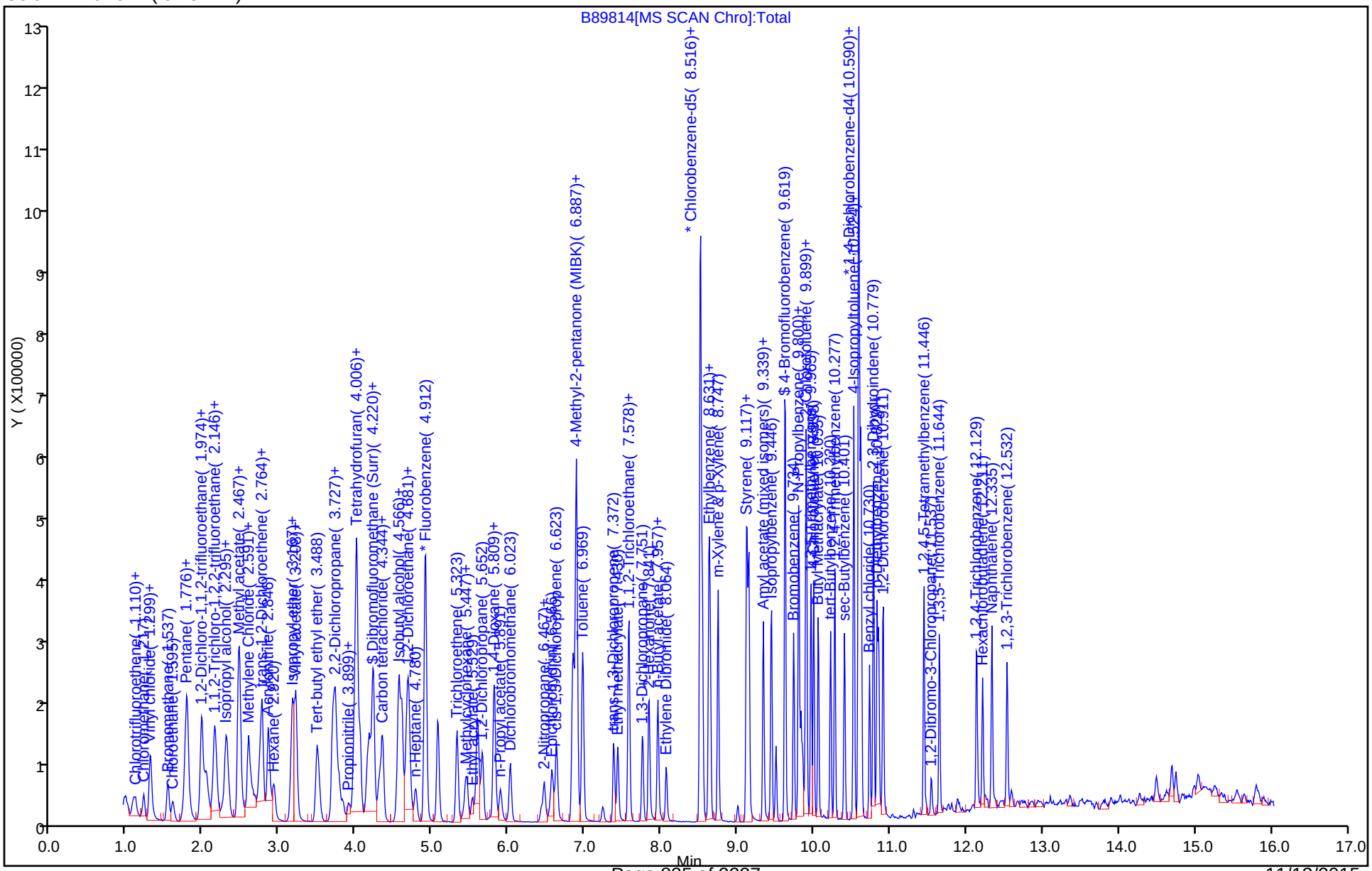
Report Date: 11-Nov-2015 15:45:11 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\B89814.D

Injection Date:	10-Nov-2015 22:03:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	3
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

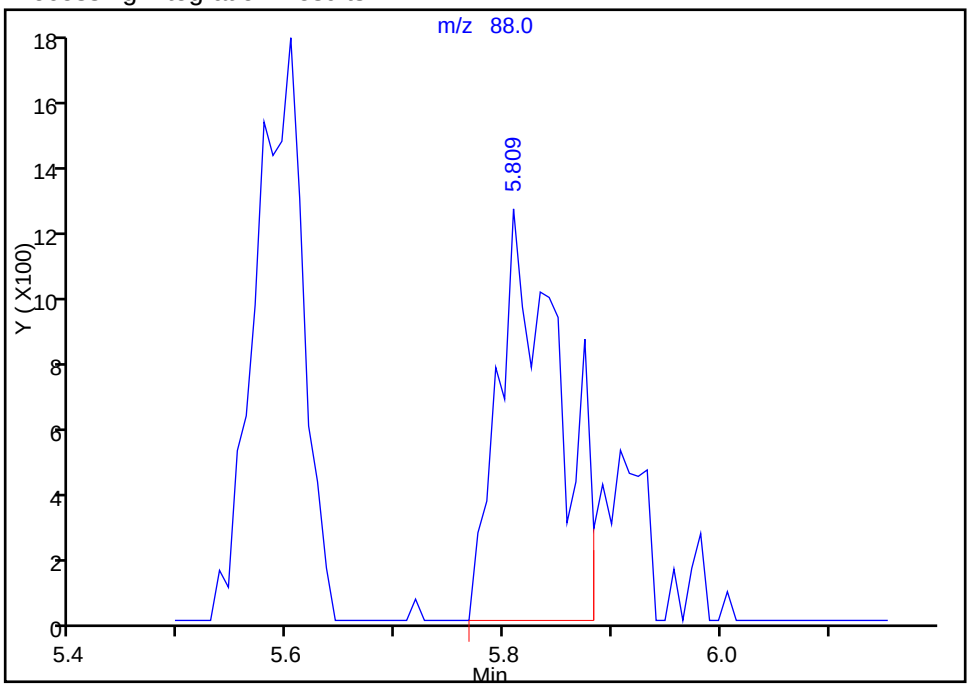
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\B89814.D
Injection Date: 10-Nov-2015 22:03:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

71 1,4-Dioxane, CAS: 123-91-1

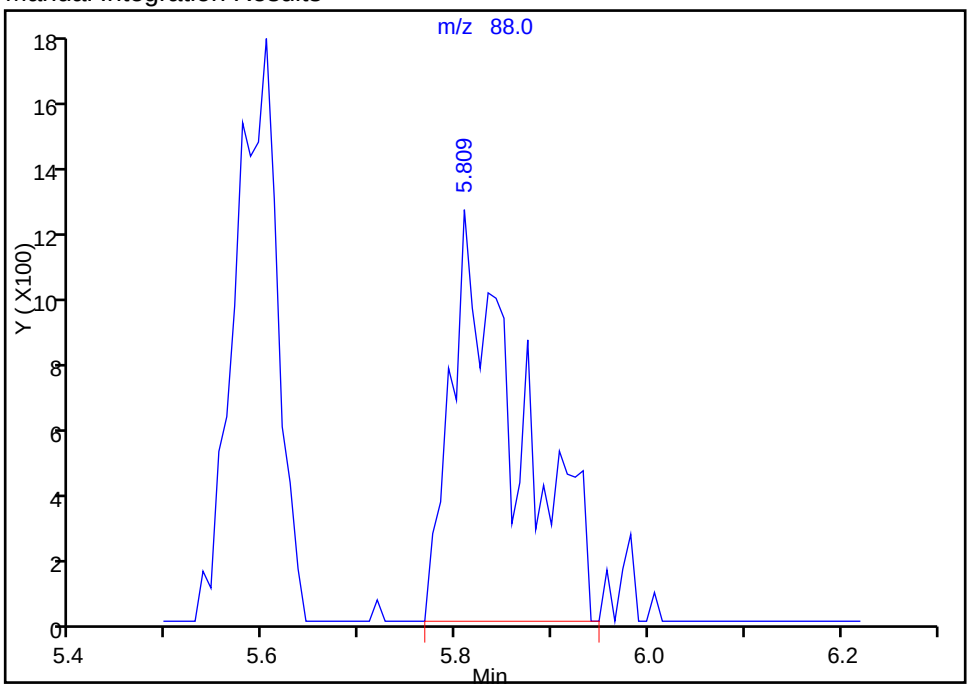
Processing Integration Results

RT: 5.81
Area: 4705
Amount: 397.1356
Amount Units: ug/l



Manual Integration Results

RT: 5.81
Area: 5938
Amount: 501.8384
Amount Units: ug/l



Reviewer: delpolitov, 11-Nov-2015 11:26:25
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-334208/4

Matrix: Solid | Lab File ID: D16317.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 01:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	18.7		1.0	0.38
74-83-9	Bromomethane	19.5		1.0	0.32
75-01-4	Vinyl chloride	19.7		1.0	0.39
75-00-3	Chloroethane	18.8		1.0	0.35
75-09-2	Methylene Chloride	18.5		1.0	0.32
67-64-1	Acetone	97.7		5.0	1.1
75-15-0	Carbon disulfide	18.7		1.0	0.43
75-69-4	Trichlorofluoromethane	20.3		1.0	0.34
75-35-4	1,1-Dichloroethene	19.4		1.0	0.41
75-34-3	1,1-Dichloroethane	20.0		1.0	0.34
156-60-5	trans-1,2-Dichloroethene	18.1		1.0	0.39
156-59-2	cis-1,2-Dichloroethene	19.0		1.0	0.22
67-66-3	Chloroform	20.4		1.0	0.21
78-93-3	2-Butanone	88.7		5.0	0.77
107-06-2	1,2-Dichloroethane	20.5		1.0	0.11
71-55-6	1,1,1-Trichloroethane	20.0		1.0	0.38
56-23-5	Carbon tetrachloride	20.3		1.0	0.43
71-43-2	Benzene	18.7		1.0	0.20
75-25-2	Bromoform	21.5		1.0	0.13
100-42-5	Styrene	19.3		1.0	0.15
100-41-4	Ethylbenzene	19.1		1.0	0.18
108-90-7	Chlorobenzene	19.1		1.0	0.14
110-82-7	Cyclohexane	19.8		1.0	0.46
98-82-8	Isopropylbenzene	19.2		1.0	0.17
591-78-6	2-Hexanone	99.7		5.0	0.94
1634-04-4	MTBE	20.0		1.0	0.17
76-13-1	Freon TF	19.4		1.0	0.44
79-20-9	Methyl acetate	110		5.0	0.90
123-91-1	1,4-Dioxane	389		20	6.4
79-01-6	Trichloroethene	19.1		1.0	0.26
108-88-3	Toluene	18.0		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	19.4		1.0	0.10
108-10-1	4-Methyl-2-pentanone	98.2		5.0	2.2
10061-01-5	cis-1,3-Dichloropropene	19.5		1.0	0.15
95-50-1	1,2-Dichlorobenzene	19.2		1.0	0.14
541-73-1	1,3-Dichlorobenzene	18.8		1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-334208/4

Matrix: Solid | Lab File ID: D16317.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 01:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334208 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	18.7		1.0	0.13
120-82-1	1,2,4-Trichlorobenzene	19.9		1.0	0.32
87-61-6	1,2,3-Trichlorobenzene	20.5		1.0	0.11
78-87-5	1,2-Dichloropropane	19.9		1.0	0.17
108-87-2	Methylcyclohexane	18.9		1.0	0.50
127-18-4	Tetrachloroethene	20.0		1.0	0.28
1330-20-7	Xylenes, Total	38.4		2.0	0.11
96-12-8	1,2-Dibromo-3-Chloropropane	21.2		1.0	0.47
79-34-5	1,1,2,2-Tetrachloroethane	20.0		1.0	0.17
79-00-5	1,1,2-Trichloroethane	19.9		1.0	0.28
124-48-1	Dibromochloromethane	20.7		1.0	0.15
106-93-4	1,2-Dibromoethane	20.1		1.0	0.12
75-71-8	Dichlorodifluoromethane	18.9		1.0	0.32
74-97-5	Bromochloromethane	19.7		1.0	0.17
75-27-4	Bromodichloromethane	19.7		1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		78-135
2037-26-5	Toluene-d8 (Surr)	111		73-121
460-00-4	Bromofluorobenzene	120		67-126
1868-53-7	Dibromofluoromethane (Surr)	118		61-149

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16317.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 10-Nov-2015 01:02:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: BLK
Misc. Info.: 460-0034014-005
Operator ID: Instrument ID: CVOAMS4

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Nov-2015 12:40:42 Calib Date: 05-Nov-2015 02:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: martineze Date: 10-Nov-2015 12:18:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.540	1.553	-0.013	78	36626	20.0	19.1	
2 Dichlorodifluoromethane	85	1.571	1.583	-0.012	99	98486	20.0	18.9	
3 Chloromethane	50	1.742	1.754	-0.012	99	88665	20.0	18.7	
5 Butadiene	54	1.870	1.882	-0.012	80	69699	20.0	18.6	
4 Vinyl chloride	62	1.870	1.882	-0.012	98	91900	20.0	19.7	
6 Bromomethane	94	2.211	2.217	-0.006	99	61606	20.0	19.5	
7 Chloroethane	64	2.302	2.315	-0.013	100	52262	20.0	18.8	
8 Dichlorofluoromethane	67	2.540	2.553	-0.012	98	147491	20.0	21.0	
9 Trichlorofluoromethane	101	2.552	2.565	-0.013	63	107180	20.0	20.3	
10 Pentane	72	2.583	2.583	0.000	96	27120	40.0	38.8	
11 Ethanol	46	2.808	2.833	-0.025	71	16158	800.0	852.1	
12 Ethyl ether	59	2.821	2.833	-0.012	93	50199	20.0	19.6	
13 2-Methyl-1,3-butadiene	53	2.839	2.851	-0.012	92	62645	20.0	20.7	
14 1,2-Dichloro-1,1,2-trifluo	117	2.900	2.906	-0.006	95	54259	20.0	19.8	
15 Acrolein	56	3.034	3.040	-0.006	96	121823	300.0	237.4	
16 1,1,2-Trichloro-1,2,2-trif	101	3.046	3.059	-0.012	91	66675	20.0	19.4	
17 1,1-Dichloroethene	96	3.064	3.071	-0.007	96	60784	20.0	19.4	
18 Acetone	43	3.186	3.193	-0.007	86	100192	100.0	97.7	
19 Iodomethane	142	3.247	3.254	-0.007	99	121499	20.0	20.0	
20 Carbon disulfide	76	3.284	3.290	-0.006	99	220630	20.0	18.7	
21 Isopropyl alcohol	45	3.314	3.333	-0.019	100	44708	200.0	206.8	
22 3-Chloro-1-propene	76	3.461	3.467	-0.006	89	35887	20.0	19.5	
23 Cyclopentene	67	3.479	3.485	-0.006	94	167581	20.0	19.6	
24 Methyl acetate	43	3.485	3.491	-0.006	100	273216	100.0	109.5	
25 Acetonitrile	41	3.558	3.571	-0.013	99	87922	200.0	209.8	
26 Methylene Chloride	84	3.613	3.625	-0.012	95	71944	20.0	18.5	
* 27 TBA-d9 (IS)	65	3.638	3.644	-0.006	88	293808	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.723	3.729	-0.006	98	83684	200.0	227.8	
29 Methyl tert-butyl ether	73	3.820	3.827	-0.007	97	171168	20.0	20.0	
30 trans-1,2-Dichloroethene	96	3.845	3.851	-0.006	97	61831	20.0	18.1	
31 Acrylonitrile	53	3.942	3.949	-0.007	94	221058	200.0	190.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	57	4.046	4.052	-0.006	94	99185	20.0	19.6	
33 Isopropyl ether	45	4.314	4.320	-0.006	98	212290	20.0	20.8	
34 1,1-Dichloroethane	63	4.339	4.339	0.000	99	125103	20.0	20.0	
35 Vinyl acetate	86	4.375	4.375	0.000	100	19249	40.0	43.7	
36 2-Chloro-1,3-butadiene	88	4.387	4.394	-0.007	91	57053	20.0	20.0	
37 Tert-butyl ethyl ether	59	4.698	4.711	-0.013	88	188674	20.0	20.6	
* 38 2-Butanone-d5	46	4.942	4.948	-0.006	93	260346	250.0	250.0	
39 2,2-Dichloropropane	79	4.948	4.948	0.000	86	31181	20.0	20.1	
40 cis-1,2-Dichloroethene	96	4.973	4.985	-0.012	95	70879	20.0	19.0	
41 2-Butanone (MEK)	72	5.009	5.015	-0.006	97	37506	100.0	88.7	
42 Ethyl acetate	70	5.028	5.028	0.000	95	9344	40.0	36.3	
43 Methyl acrylate	55	5.082	5.089	-0.007	100	52287	20.0	21.7	
44 Propionitrile	54	5.174	5.180	-0.006	98	89028	200.0	209.4	
46 Chlorobromomethane	128	5.253	5.259	-0.006	87	34328	20.0	19.7	
45 Tetrahydrofuran	72	5.259	5.259	0.000	71	16628	40.0	36.9	
47 Methacrylonitrile	67	5.296	5.296	0.000	93	240102	200.0	215.5	
48 Chloroform	83	5.326	5.332	-0.006	99	114764	20.0	20.4	
49 Cyclohexane	56	5.479	5.479	0.000	92	122528	20.0	19.8	
50 1,1,1-Trichloroethane	97	5.497	5.503	-0.006	98	96280	20.0	20.0	
$ 51 Dibromofluoromethane (Surr	113	5.521	5.528	-0.007	97	130964	50.0	59.0	
52 Carbon tetrachloride	117	5.643	5.643	0.000	97	86668	20.0	20.3	
53 1,1-Dichloropropene	75	5.680	5.686	-0.006	98	86208	20.0	19.4	
58 Isobutyl alcohol	43	5.881	5.887	-0.006	29	130167	500.0	509.7	
54 Isooctane	57	5.893	5.899	-0.006	97	280632	20.0	20.5	
55 Benzene	78	5.924	5.924	0.000	97	242169	20.0	18.7	
$ 56 1,2-Dichloroethane-d4 (Sur	102	5.948	5.954	-0.006	98	27506	50.0	57.1	
57 Tert-amyl methyl ether	73	6.015	6.021	-0.006	90	212106	20.0	20.8	
59 Isopropyl acetate	43	6.021	6.027	-0.006	98	165209	20.0	20.5	
60 1,2-Dichloroethane	62	6.040	6.046	-0.006	98	79881	20.0	20.5	
61 n-Heptane	57	6.131	6.137	-0.006	94	56232	20.0	19.7	
* 62 Fluorobenzene	96	6.283	6.283	0.000	98	425609	50.0	50.0	
63 n-Butanol	56	6.692	6.692	0.000	88	47541	500.0	481.4	
64 Trichloroethene	95	6.716	6.722	-0.006	97	60948	20.0	19.1	
65 Methylcyclohexane	83	6.856	6.863	-0.007	97	112000	20.0	18.9	
66 Ethyl acrylate	73	6.887	6.887	0.000	97	4632	20.0	20.3	
67 1,2-Dichloropropane	63	7.052	7.052	0.000	93	66088	20.0	19.9	
* 68 1,4-Dioxane-d8	96	7.125	7.125	0.000	91	21573	1000.0	1000.0	
69 Methyl methacrylate	100	7.155	7.155	0.000	92	27419	40.0	41.1	
71 1,4-Dioxane	88	7.180	7.174	0.006	38	13385	400.0	389.1	
70 Dibromomethane	93	7.186	7.186	0.000	95	38688	20.0	19.9	
72 n-Propyl acetate	43	7.216	7.216	0.000	99	83506	20.0	22.5	
73 Dichlorobromomethane	83	7.344	7.350	-0.006	99	76359	20.0	19.7	
74 2-Nitropropane	41	7.673	7.673	0.000	95	22576	40.0	40.5	
75 2-Chloroethyl vinyl ether	63	7.679	7.680	-0.001	95	34116	20.0	21.2	
76 Epichlorohydrin	57	7.771	7.771	0.000	99	117527	400.0	368.1	
77 cis-1,3-Dichloropropene	75	7.820	7.820	0.000	91	92788	20.0	19.5	
78 4-Methyl-2-pentanone (MIBK	43	7.966	7.966	0.000	97	309054	100.0	98.2	
$ 79 Toluene-d8 (Surr)	98	8.027	8.027	0.000	99	458368	50.0	55.7	
80 Toluene	91	8.088	8.094	-0.006	93	242553	20.0	18.0	
81 trans-1,3-Dichloropropene	75	8.374	8.375	-0.001	96	77040	20.0	19.4	
82 Ethyl methacrylate	69	8.399	8.399	0.000	90	71473	20.0	20.7	
83 1,1,2-Trichloroethane	83	8.539	8.539	0.000	96	44618	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Tetrachloroethene	166	8.569	8.570	-0.001	97	67203	20.0	20.0	
85 1,3-Dichloropropane	76	8.691	8.692	-0.001	92	87467	20.0	20.1	
86 2-Hexanone	43	8.734	8.734	0.000	97	217640	100.0	99.7	
87 n-Butyl acetate	73	8.813	8.813	0.000	99	11769	20.0	20.6	
88 Chlorodibromomethane	129	8.856	8.856	0.000	98	59752	20.0	20.7	
89 Ethylene Dibromide	107	8.966	8.966	0.000	98	51259	20.0	20.1	
* 90 Chlorobenzene-d5	117	9.325	9.326	-0.001	87	342094	50.0	50.0	
91 Chlorobenzene	112	9.350	9.350	0.000	94	160576	20.0	19.1	
92 Ethylbenzene	106	9.411	9.411	0.000	99	88031	20.0	19.1	
93 1,1,1,2-Tetrachloroethane	131	9.423	9.423	0.000	94	62581	20.0	20.3	
94 m-Xylene & p-Xylene	106	9.508	9.508	0.000	98	107291	20.0	19.1	
95 n-Butyl acrylate	73	9.795	9.795	0.000	97	42575	20.0	21.2	
96 o-Xylene	106	9.825	9.825	0.000	93	110171	20.0	19.3	
97 Styrene	104	9.850	9.850	0.000	94	168982	20.0	19.3	
98 Amyl acetate (mixed isomer	43	9.966	9.960	0.006	90	108709	20.0	21.5	
99 Bromoform	173	10.014	10.014	0.000	98	39827	20.0	21.5	
100 Isopropylbenzene	105	10.094	10.094	0.000	96	285268	20.0	19.2	
$ 101 4-Bromofluorobenzene	174	10.258	10.252	0.006	97	161434	50.0	59.9	
102 Bromobenzene	156	10.368	10.362	0.006	97	73100	20.0	19.4	
103 1,1,2,2-Tetrachloroethane	83	10.380	10.380	0.000	98	74729	20.0	20.0	
104 N-Propylbenzene	91	10.405	10.405	-0.001	99	356940	20.0	18.8	
105 1,2,3-Trichloropropane	110	10.423	10.423	0.000	97	20331	20.0	20.1	
106 trans-1,4-Dichloro-2-buten	53	10.429	10.429	0.000	88	19379	20.0	20.3	
107 4-Ethyltoluene	105	10.490	10.490	0.000	99	293778	20.0	19.4	
108 2-Chlorotoluene	91	10.496	10.496	0.000	97	237876	20.0	18.8	
109 1,3,5-Trimethylbenzene	105	10.533	10.533	0.000	93	238543	20.0	18.6	
110 4-Chlorotoluene	91	10.581	10.581	0.000	97	202557	20.0	18.4	
111 Butyl Methacrylate	87	10.587	10.588	-0.001	91	81834	20.0	20.4	
112 tert-Butylbenzene	119	10.764	10.764	0.000	94	189677	20.0	18.7	
113 1,2,4-Trimethylbenzene	105	10.807	10.807	0.000	98	249350	20.0	18.9	
114 sec-Butylbenzene	105	10.923	10.923	0.000	99	314880	20.0	18.9	
115 4-Isopropyltoluene	119	11.020	11.020	0.000	98	271226	20.0	19.1	
116 1,3-Dichlorobenzene	146	11.039	11.039	0.000	95	137210	20.0	18.8	
* 117 1,4-Dichlorobenzene-d4	152	11.093	11.094	-0.001	94	194259	50.0	50.0	
118 1,4-Dichlorobenzene	146	11.106	11.106	0.000	94	137762	20.0	18.7	
119 Benzyl chloride	126	11.209	11.209	0.000	99	23712	20.0	19.5	
120 2,3-Dihydroindene	117	11.264	11.264	0.000	94	272671	20.0	20.2	
121 p-Diethylbenzene	119	11.288	11.289	-0.001	93	174893	20.0	19.7	
122 n-Butylbenzene	92	11.307	11.307	0.000	99	151069	20.0	18.8	
123 1,2-Dichlorobenzene	146	11.380	11.380	0.000	96	136746	20.0	19.2	
124 1,2,4,5-Tetramethylbenzene	119	11.892	11.886	0.006	97	257329	20.0	19.9	
125 1,2-Dibromo-3-Chloropropan	157	12.002	12.002	0.000	95	16924	20.0	21.2	
126 1,3,5-Trichlorobenzene	180	12.124	12.124	0.000	96	126637	20.0	20.3	
127 1,2,4-Trichlorobenzene	180	12.727	12.727	0.000	94	117340	20.0	19.9	
128 Hexachlorobutadiene	225	12.831	12.831	0.000	97	66629	20.0	21.1	
129 Naphthalene	128	13.008	13.002	0.006	99	242534	20.0	19.5	
130 1,2,3-Trichlorobenzene	180	13.282	13.276	0.006	96	113488	20.0	20.5	
S 131 1,2-Dichloroethene, Total	100				0		40.0	37.2	
S 132 1,3-Dichloropropene, Total	100				0		40.0	38.9	
S 133 Xylenes, Total	100				0		40.0	38.4	
S 134 Total BTEX	1				0		100.0	94.2	

Reagents:

GASES Li_00126	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	2.00	Units: uL	
ACROLEIN W_00044	Amount Added:	3.00	Units: uL	
8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 12-Nov-2015 12:40:44 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151109-34014.b\D16317.D

Injection Date: 10-Nov-2015 01:02:30 Instrument ID: CVOAMS4 Operator ID:

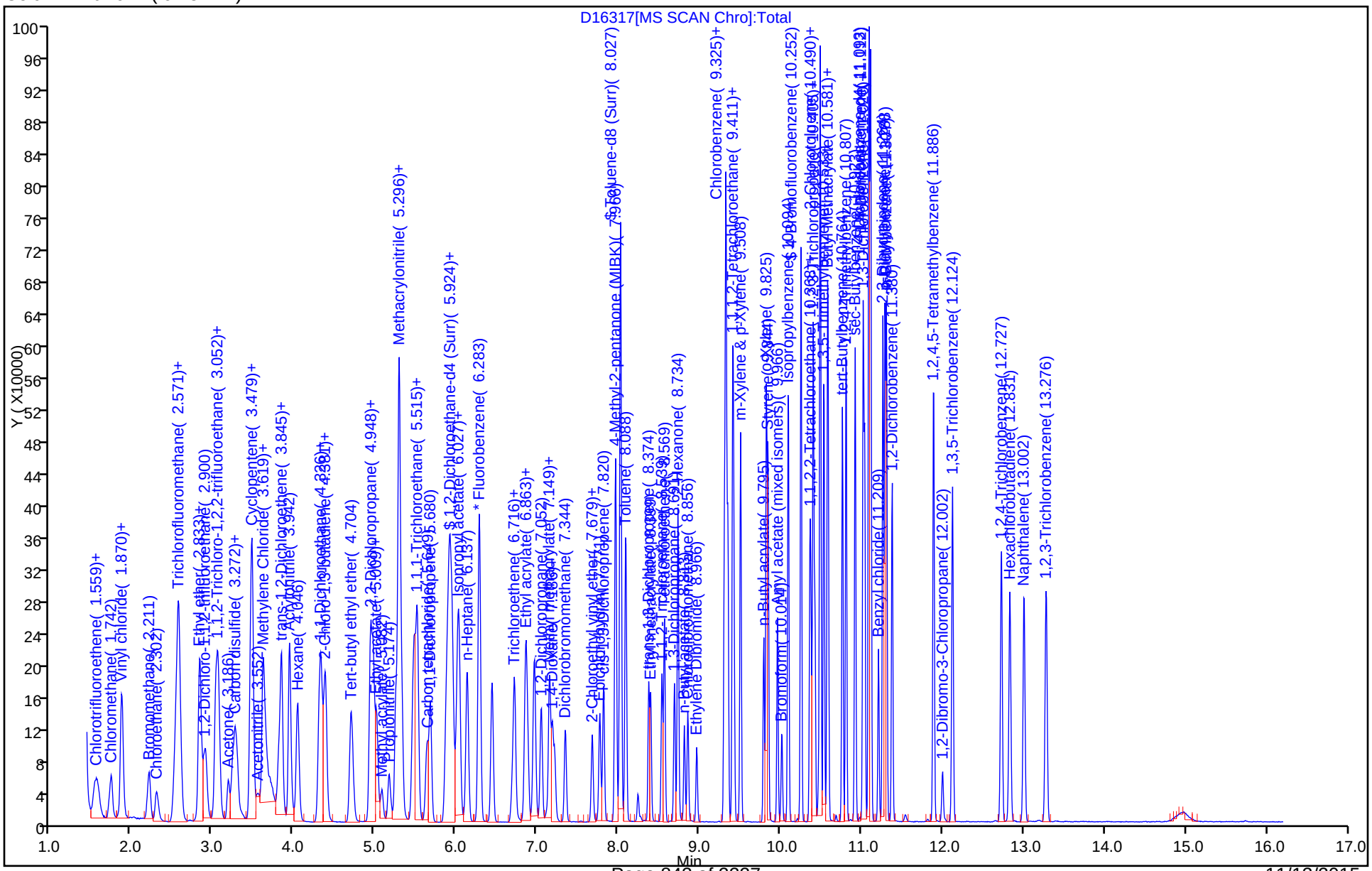
Lims ID: LCSD Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-334211/5

Matrix: Solid | Lab File ID: B89759.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/09/2015 23:16

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 334211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	934		50	11
74-83-9	Bromomethane	1080		50	9.0
75-01-4	Vinyl chloride	1000		50	10
75-00-3	Chloroethane	1060		50	19
75-09-2	Methylene Chloride	990		50	11
67-64-1	Acetone	4710		250	54
75-15-0	Carbon disulfide	1060		50	11
75-69-4	Trichlorofluoromethane	978		50	7.5
75-35-4	1,1-Dichloroethene	984		50	17
75-34-3	1,1-Dichloroethane	1060		50	12
156-60-5	trans-1,2-Dichloroethene	1000		50	9.0
156-59-2	cis-1,2-Dichloroethene	947		50	13
67-66-3	Chloroform	949		50	11
78-93-3	2-Butanone	4250		250	110
107-06-2	1,2-Dichloroethane	842		50	13
71-55-6	1,1,1-Trichloroethane	886		50	14
56-23-5	Carbon tetrachloride	893		50	17
71-43-2	Benzene	1000		50	9.5
75-25-2	Bromoform	994		50	9.0
100-42-5	Styrene	921		50	8.5
100-41-4	Ethylbenzene	924		50	15
108-90-7	Chlorobenzene	939		50	12
110-82-7	Cyclohexane	924		50	13
98-82-8	Isopropylbenzene	929		50	16
591-78-6	2-Hexanone	4650		250	36
1634-04-4	MTBE	1000		50	6.5
76-13-1	Freon TF	999		50	17
79-20-9	Methyl acetate	5820		250	29
123-91-1	1,4-Dioxane	33000		1300	440
79-01-6	Trichloroethene	986		50	11
108-88-3	Toluene	1010		50	13
10061-02-6	trans-1,3-Dichloropropene	1010		50	9.5
108-10-1	4-Methyl-2-pentanone	4440		250	32
10061-01-5	cis-1,3-Dichloropropene	1020		50	8.0
95-50-1	1,2-Dichlorobenzene	916		50	11
541-73-1	1,3-Dichlorobenzene	913		50	17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-334211/5

Matrix: Solid | Lab File ID: B89759.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/09/2015 23:16

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 334211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	929		50	17
120-82-1	1,2,4-Trichlorobenzene	864		50	14
87-61-6	1,2,3-Trichlorobenzene	890		50	18
78-87-5	1,2-Dichloropropane	999		50	9.0
108-87-2	Methylcyclohexane	907		50	11
127-18-4	Tetrachloroethene	947		50	18
1330-20-7	Xylenes, Total	1870		100	14
96-12-8	1,2-Dibromo-3-Chloropropane	1080		50	12
79-34-5	1,1,2,2-Tetrachloroethane	1070		50	9.5
79-00-5	1,1,2-Trichloroethane	1080		50	4.0
124-48-1	Dibromochloromethane	941		50	11
106-93-4	1,2-Dibromoethane	992		50	9.5
75-71-8	Dichlorodifluoromethane	862		50	7.0
74-97-5	Bromochloromethane	999		50	15
75-27-4	Bromodichloromethane	943		50	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		69-145
2037-26-5	Toluene-d8 (Surr)	100		72-136
460-00-4	Bromofluorobenzene	99		64-131
1868-53-7	Dibromofluoromethane (Surr)	104		74-134

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89759.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 09-Nov-2015 23:16:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCSD
Misc. Info.: 460-0034015-005
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Nov-2015 13:44:35 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK027

First Level Reviewer: boykink Date: 10-Nov-2015 00:27:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.068	1.068	0.000	84	9695	20.0	18.2	
2 Dichlorodifluoromethane	85	1.093	1.101	-0.008	98	66938	20.0	17.2	
3 Chloromethane	50	1.200	1.208	-0.008	97	47768	20.0	18.7	
4 Vinyl chloride	62	1.291	1.299	-0.008	97	60538	20.0	20.1	
5 Butadiene	54	1.282	1.299	-0.017	91	47197	20.0	20.4	
6 Bromomethane	94	1.513	1.529	-0.016	99	54348	20.0	21.7	
7 Chloroethane	64	1.570	1.587	-0.017	98	36401	20.0	21.2	
10 Trichlorofluoromethane	101	1.743	1.760	-0.017	63	97290	20.0	19.6	
9 Dichlorofluoromethane	67	1.751	1.768	-0.017	97	120249	20.0	21.8	
8 Pentane	72	1.760	1.768	-0.008	91	11976	40.0	33.2	
12 Ethanol	46	1.949	1.949	0.000	75	3463	800.0	882.0	
11 Ethyl ether	59	1.941	1.957	-0.016	96	45837	20.0	22.1	
13 2-Methyl-1,3-butadiene	53	1.957	1.974	-0.017	96	47703	20.0	21.3	
14 1,2-Dichloro-1,1,2-trifluo	117	2.023	2.031	-0.008	72	63217	20.0	22.3	
15 Acrolein	56	2.105	2.122	-0.017	54	20833	40.0	28.6	
17 1,1-Dichloroethene	96	2.130	2.138	-0.008	94	61231	20.0	19.7	
16 1,1,2-Trichloro-1,2,2-trif	101	2.114	2.147	-0.033	53	54882	20.0	20.0	
18 Acetone	43	2.229	2.229	0.000	86	64684	100.0	94.2	
19 Iodomethane	142	2.262	2.270	-0.008	96	134374	20.0	20.3	
20 Carbon disulfide	76	2.286	2.295	-0.009	98	204708	20.0	21.1	
21 Isopropyl alcohol	45	2.360	2.352	0.008	99	20515	200.0	269.6	
22 3-Chloro-1-propene	76	2.426	2.435	-0.009	46	35141	20.0	20.4	
23 Cyclopentene	67	2.443	2.451	-0.008	87	140367	20.0	20.7	
24 Methyl acetate	43	2.451	2.459	-0.008	99	211747	100.0	116.3	
25 Acetonitrile	41	2.517	2.517	0.000	65	65041	200.0	305.8	
26 Methylene Chloride	84	2.566	2.575	-0.008	88	66932	20.0	19.8	
* 27 TBA-d9 (IS)	65	2.599	2.607	-0.008	91	273628	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.657	2.673	-0.016	95	61404	200.0	218.0	
29 Methyl tert-butyl ether	73	2.723	2.731	-0.008	97	184843	20.0	20.0	
30 trans-1,2-Dichloroethene	96	2.747	2.756	-0.009	90	67505	20.0	20.0	
31 Acrylonitrile	53	2.821	2.830	-0.009	93	196699	200.0	232.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.895	2.904	-0.009	90	19711	20.0	20.1	
34 Isopropyl ether	45	3.134	3.142	-0.008	97	170872	20.0	22.9	
33 1,1-Dichloroethane	63	3.151	3.151	0.000	99	106162	20.0	21.2	
36 Vinyl acetate	86	3.175	3.184	-0.009	99	15394	40.0	42.7	
35 2-Chloro-1,3-butadiene	88	3.192	3.200	-0.008	89	52367	20.0	18.7	
38 Tert-butyl ethyl ether	59	3.463	3.472	-0.009	88	176977	20.0	20.0	
* 158 2-Butanone-d5	46	3.669	3.677	-0.008	95	245308	250.0	250.0	
39 2,2-Dichloropropane	41	3.669	3.677	-0.008	63	44316	20.0	19.3	
40 cis-1,2-Dichloroethene	96	3.702	3.710	-0.008	97	69352	20.0	18.9	
41 2-Butanone (MEK)	72	3.743	3.735	0.008	97	28348	100.0	85.0	
42 Ethyl acetate	70	3.751	3.751	0.000	92	8331	40.0	32.8	
43 Methyl acrylate	55	3.809	3.801	0.008	99	43729	20.0	22.1	
44 Propionitrile	54	3.875	3.883	-0.008	97	67603	200.0	181.0	
46 Tetrahydrofuran	72	3.941	3.949	-0.008	79	15539	40.0	37.1	
45 Chlorobromomethane	128	3.941	3.949	-0.008	74	39347	20.0	20.0	
47 Methacrylonitrile	67	3.982	3.982	0.000	90	231765	200.0	218.1	
48 Chloroform	83	4.031	4.031	0.000	99	103674	20.0	19.0	
49 Cyclohexane	84	4.130	4.138	-0.008	85	56241	20.0	18.5	
50 1,1,1-Trichloroethane	97	4.155	4.163	-0.008	97	91099	20.0	17.7	
$ 51 Dibromofluoromethane (Surr	113	4.196	4.204	-0.008	92	136716	50.0	51.8	
52 Carbon tetrachloride	117	4.286	4.286	0.000	95	74409	20.0	17.9	
53 1,1-Dichloropropene	75	4.319	4.327	-0.008	95	71361	20.0	19.1	
54 Isooctane	57	4.517	4.525	-0.008	94	66269	20.0	18.8	
55 Benzene	78	4.533	4.541	-0.008	96	214830	20.0	20.0	
56 Isobutyl alcohol	43	4.566	4.566	0.000	49	50717	500.0	546.9	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.574	4.574	0.000	96	124999	50.0	46.4	
58 Tert-amyl methyl ether	73	4.648	4.648	0.000	95	200112	20.0	20.6	
60 1,2-Dichloroethane	62	4.657	4.657	0.000	96	72084	20.0	16.8	
59 Isopropyl acetate	87	4.648	4.665	-0.017	97	52222	20.0	17.0	
61 n-Heptane	57	4.755	4.755	0.000	79	13132	20.0	18.0	
* 62 Fluorobenzene	96	4.879	4.879	0.000	99	519980	50.0	50.0	
64 Trichloroethene	95	5.298	5.299	-0.001	95	57922	20.0	19.7	
65 n-Butanol	56	5.364	5.422	-0.058	83	16507	500.0	759.4	
66 Methylcyclohexane	83	5.422	5.422	0.000	94	44854	20.0	18.1	
67 Ethyl acrylate	55	5.496	5.496	0.000	97	56367	20.0	20.7	
68 1,2-Dichloropropane	63	5.628	5.628	0.000	91	50488	20.0	20.0	
* 69 1,4-Dioxane-d8	96	5.718	5.718	0.000	89	27822	1000.0	1000.0	
72 Methyl methacrylate	100	5.776	5.784	-0.008	87	30588	40.0	35.6	
70 Dibromomethane	93	5.784	5.784	0.000	63	35071	20.0	17.4	
71 1,4-Dioxane	88	5.784	5.784	0.000	29	11671	400.0	660.6	
73 n-Propyl acetate	43	5.858	5.866	-0.008	99	61165	20.0	22.0	
74 Dichlorobromomethane	83	5.990	5.998	-0.008	98	72249	20.0	18.9	
75 2-Nitropropane	41	6.401	6.410	-0.009	97	23392	40.0	38.3	
76 2-Chloroethyl vinyl ether	63	6.442	6.434	0.008	93	32867	20.0	20.9	
77 Epichlorohydrin	57	6.549	6.541	0.008	98	100718	400.0	384.1	
78 cis-1,3-Dichloropropene	75	6.599	6.599	0.000	90	87462	20.0	20.4	
79 4-Methyl-2-pentanone (MIBK	43	6.813	6.813	0.000	95	249386	100.0	88.7	
$ 80 Toluene-d8 (Surr)	98	6.862	6.862	0.000	99	440355	50.0	50.0	
81 Toluene	91	6.944	6.944	0.000	93	229457	20.0	20.3	
82 trans-1,3-Dichloropropene	75	7.356	7.356	0.000	95	77746	20.0	20.2	
83 Ethyl methacrylate	69	7.405	7.405	0.000	89	66653	20.0	21.0	
84 1,1,2-Trichloroethane	83	7.553	7.545	0.008	89	44839	20.0	21.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	7.553	7.553	0.000	93	58277	20.0	18.9	
86 1,3-Dichloropropane	76	7.734	7.735	-0.001	90	86451	20.0	20.5	
87 2-Hexanone	43	7.817	7.817	0.000	95	150818	100.0	93.1	
88 Chlorodibromomethane	129	7.932	7.932	0.000	98	62011	20.0	18.8	
89 n-Butyl acetate	73	7.940	7.940	0.000	98	11052	20.0	21.9	
90 Ethylene Dibromide	107	8.047	8.039	0.008	97	58128	20.0	19.8	
* 91 Chlorobenzene-d5	117	8.492	8.492	0.000	83	448729	50.0	50.0	
92 Chlorobenzene	112	8.516	8.516	0.000	97	159059	20.0	18.8	
93 Ethylbenzene	106	8.607	8.607	0.000	98	77639	20.0	18.5	
94 1,1,1,2-Tetrachloroethane	131	8.623	8.623	0.000	93	63198	20.0	18.6	
95 m-Xylene & p-Xylene	106	8.730	8.722	0.008	95	98103	20.0	18.5	
96 o-Xylene	106	9.101	9.101	0.000	96	102262	20.0	18.8	
97 n-Butyl acrylate	73	9.117	9.109	0.008	98	45880	20.0	20.5	
98 Styrene	104	9.134	9.125	0.009	95	166914	20.0	18.4	
100 Amyl acetate (mixed isomer	43	9.323	9.323	0.000	91	99784	20.0	24.9	
99 Bromoform	173	9.323	9.323	0.000	67	46378	20.0	19.9	
101 Isopropylbenzene	105	9.430	9.422	0.008	95	205547	20.0	18.6	
$ 102 4-Bromofluorobenzene	174	9.603	9.603	0.000	96	190184	50.0	49.7	
104 Bromobenzene	156	9.718	9.718	0.000	89	77721	20.0	18.8	
105 1,1,2,2-Tetrachloroethane	83	9.784	9.784	0.000	97	73969	20.0	21.3	
106 N-Propylbenzene	91	9.784	9.784	0.000	100	211896	20.0	19.0	
107 1,2,3-Trichloropropane	110	9.817	9.817	0.000	94	23432	20.0	20.1	
108 trans-1,4-Dichloro-2-buten	53	9.833	9.833	0.000	77	20851	20.0	25.0	
109 2-Chlorotoluene	91	9.882	9.874	0.008	97	166723	20.0	18.8	
110 4-Ethyltoluene	105	9.891	9.882	0.009	99	197579	20.0	18.5	
111 1,3,5-Trimethylbenzene	105	9.948	9.940	0.008	94	163139	20.0	18.1	
112 4-Chlorotoluene	91	9.981	9.981	0.000	95	164327	20.0	19.9	
113 Butyl Methacrylate	87	10.039	10.039	0.000	85	81201	20.0	20.4	
114 tert-Butylbenzene	119	10.203	10.203	0.000	97	121247	20.0	17.6	
115 1,2,4-Trimethylbenzene	105	10.261	10.253	0.008	96	175163	20.0	18.0	
116 sec-Butylbenzene	105	10.384	10.384	0.000	99	163821	20.0	18.2	
118 4-Isopropyltoluene	119	10.508	10.508	0.000	98	148800	20.0	17.9	
117 1,3-Dichlorobenzene	146	10.508	10.508	0.000	97	117933	20.0	18.3	
* 119 1,4-Dichlorobenzene-d4	152	10.574	10.574	0.000	93	274823	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.590	10.590	0.000	97	126436	20.0	18.6	
121 Benzyl chloride	91	10.714	10.714	0.000	99	137061	20.0	19.8	
122 2,3-Dihydroindene	117	10.763	10.763	0.000	94	218988	20.0	18.3	
123 p-Diethylbenzene	119	10.812	10.812	0.000	93	87238	20.0	17.3	
124 n-Butylbenzene	91	10.829	10.829	0.000	97	145084	20.0	18.9	
125 1,2-Dichlorobenzene	146	10.895	10.887	0.009	99	125046	20.0	18.3	
126 1,2,4,5-Tetramethylbenzene	119	11.430	11.430	0.000	98	151350	20.0	16.7	
127 1,2-Dibromo-3-Chloropropan	75	11.520	11.520	0.000	90	13908	20.0	21.6	
128 1,3,5-Trichlorobenzene	180	11.627	11.627	0.000	96	73674	20.0	16.9	
130 1,2,4-Trichlorobenzene	180	12.113	12.113	0.000	93	71579	20.0	17.3	
131 Hexachlorobutadiene	225	12.195	12.195	0.000	98	31312	20.0	19.2	
132 Naphthalene	128	12.318	12.310	0.008	99	205837	20.0	18.5	
133 1,2,3-Trichlorobenzene	180	12.516	12.516	0.000	95	67941	20.0	17.8	
S 134 1,2-Dichloroethene, Total	100				0		40.0	38.9	
S 135 Xylenes, Total	100				0		40.0	37.3	

Reagents:

8260SURR250_00096	Amount Added:	1.00	Units: uL	
GASES Li_00126	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	20.00	Units: uL	
ACROLEIN W_00044	Amount Added:	4.00	Units: uL	
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

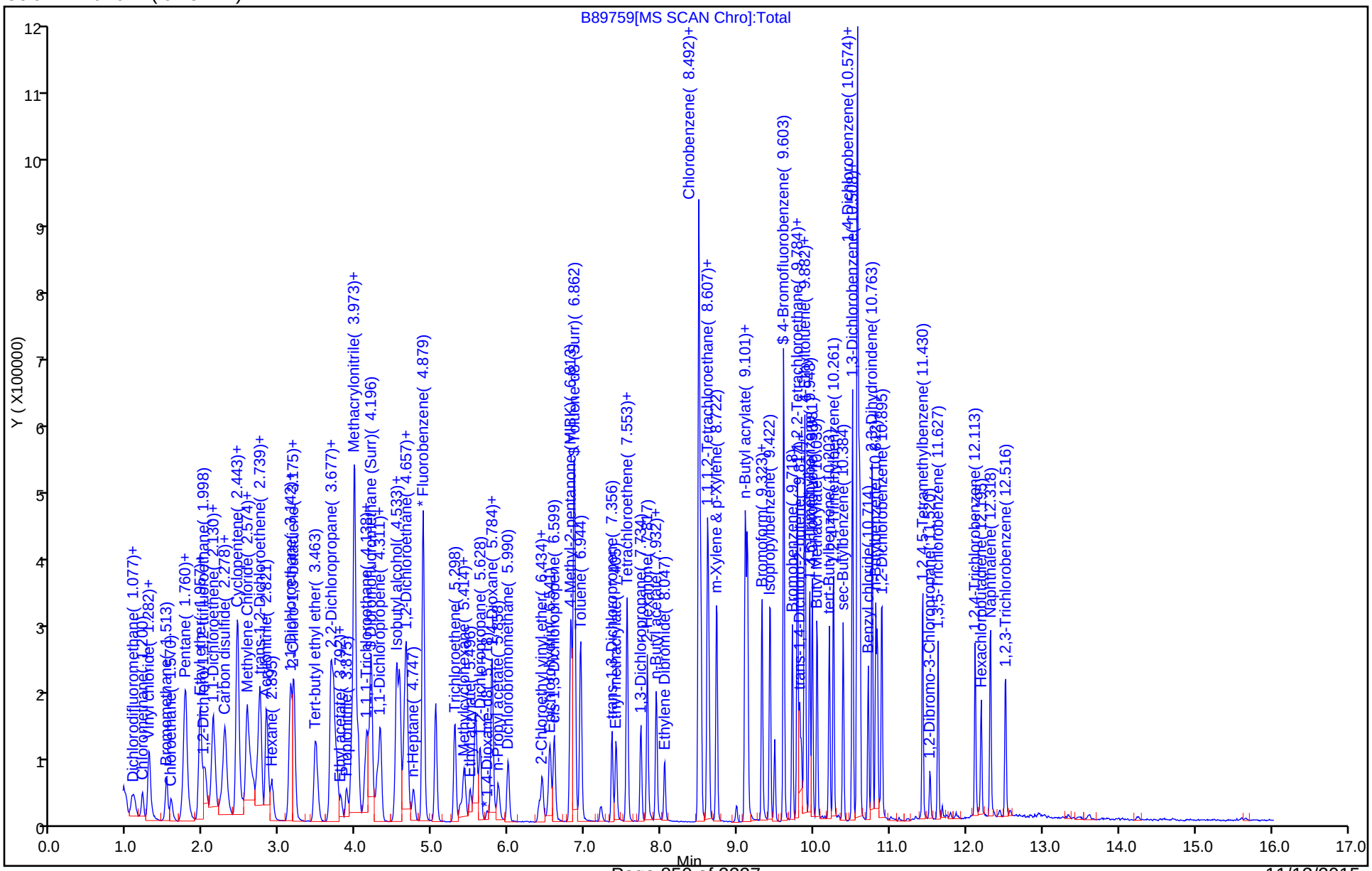
Report Date: 10-Nov-2015 13:47:36 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-34015.b\B89759.D

Injection Date:	09-Nov-2015 23:16:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	LCSD			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	4
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-334289/5

Matrix: Solid | Lab File ID: D16341.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 11:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334289 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	20.8		1.0	0.38
74-83-9	Bromomethane	21.2		1.0	0.32
75-01-4	Vinyl chloride	21.0		1.0	0.39
75-00-3	Chloroethane	21.2		1.0	0.35
75-09-2	Methylene Chloride	20.7		1.0	0.32
67-64-1	Acetone	111		5.0	1.1
75-15-0	Carbon disulfide	19.3		1.0	0.43
75-69-4	Trichlorofluoromethane	20.3		1.0	0.34
75-35-4	1,1-Dichloroethene	19.5		1.0	0.41
75-34-3	1,1-Dichloroethane	22.4		1.0	0.34
156-60-5	trans-1,2-Dichloroethene	20.4		1.0	0.39
156-59-2	cis-1,2-Dichloroethene	21.5		1.0	0.22
67-66-3	Chloroform	22.5		1.0	0.21
78-93-3	2-Butanone	97.9		5.0	0.77
107-06-2	1,2-Dichloroethane	22.3		1.0	0.11
71-55-6	1,1,1-Trichloroethane	20.8		1.0	0.38
56-23-5	Carbon tetrachloride	20.3		1.0	0.43
71-43-2	Benzene	19.4		1.0	0.20
75-25-2	Bromoform	21.0		1.0	0.13
100-42-5	Styrene	20.3		1.0	0.15
100-41-4	Ethylbenzene	19.5		1.0	0.18
108-90-7	Chlorobenzene	19.6		1.0	0.14
110-82-7	Cyclohexane	20.6		1.0	0.46
98-82-8	Isopropylbenzene	19.4		1.0	0.17
591-78-6	2-Hexanone	108		5.0	0.94
1634-04-4	MTBE	23.3		1.0	0.17
76-13-1	Freon TF	19.5		1.0	0.44
79-20-9	Methyl acetate	118		5.0	0.90
123-91-1	1,4-Dioxane	416		20	6.4
79-01-6	Trichloroethene	20.6		1.0	0.26
108-88-3	Toluene	19.0		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	20.7		1.0	0.10
108-10-1	4-Methyl-2-pentanone	107		5.0	2.2
10061-01-5	cis-1,3-Dichloropropene	21.1		1.0	0.15
95-50-1	1,2-Dichlorobenzene	19.2		1.0	0.14
541-73-1	1,3-Dichlorobenzene	18.9		1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-334289/5

Matrix: Solid | Lab File ID: D16341.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 11:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334289 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	18.8		1.0	0.13
120-82-1	1,2,4-Trichlorobenzene	20.1		1.0	0.32
87-61-6	1,2,3-Trichlorobenzene	20.1		1.0	0.11
78-87-5	1,2-Dichloropropane	22.3		1.0	0.17
108-87-2	Methylcyclohexane	19.7		1.0	0.50
127-18-4	Tetrachloroethene	19.4		1.0	0.28
1330-20-7	Xylenes, Total	39.4		2.0	0.11
96-12-8	1,2-Dibromo-3-Chloropropane	19.8		1.0	0.47
79-34-5	1,1,2,2-Tetrachloroethane	20.1		1.0	0.17
79-00-5	1,1,2-Trichloroethane	20.6		1.0	0.28
124-48-1	Dibromochloromethane	20.6		1.0	0.15
106-93-4	1,2-Dibromoethane	20.6		1.0	0.12
75-71-8	Dichlorodifluoromethane	18.0		1.0	0.32
74-97-5	Bromochloromethane	22.1		1.0	0.17
75-27-4	Bromodichloromethane	21.8		1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		78-135
2037-26-5	Toluene-d8 (Surr)	100		73-121
460-00-4	Bromofluorobenzene	102		67-126
1868-53-7	Dibromofluoromethane (Surr)	111		61-149

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16341.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 10-Nov-2015 11:25:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0034037-005
Operator ID: Instrument ID: CVOAMS4

Method: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Nov-2015 13:51:17 Calib Date: 05-Nov-2015 02:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS4\20151104-33827.b\D16105.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK006

First Level Reviewer: delpolitov Date: 10-Nov-2015 13:51:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.553	1.552	0.001	79	35318	20.0	18.6	
2 Dichlorodifluoromethane	85	1.589	1.589	0.000	99	93125	20.0	18.0	
3 Chloromethane	50	1.754	1.754	0.000	99	97885	20.0	20.8	
4 Vinyl chloride	62	1.882	1.882	0.000	97	97056	20.0	21.0	
5 Butadiene	54	1.882	1.888	-0.006	85	73176	20.0	19.7	
6 Bromomethane	94	2.223	2.223	0.000	98	66361	20.0	21.2	
7 Chloroethane	64	2.315	2.315	0.001	100	58430	20.0	21.2	
8 Dichlorofluoromethane	67	2.552	2.552	0.000	99	156837	20.0	22.5	
9 Trichlorofluoromethane	101	2.559	2.564	-0.006	98	106433	20.0	20.3	
10 Pentane	72	2.589	2.583	0.006	96	27214	40.0	39.2	
11 Ethanol	46	2.833	2.827	0.006	80	17849	800.0	939.6	
12 Ethyl ether	59	2.833	2.833	0.000	93	58774	20.0	23.2	
13 2-Methyl-1,3-butadiene	53	2.851	2.845	0.006	91	62485	20.0	20.8	
14 1,2-Dichloro-1,1,2-trifluo	117	2.912	2.912	0.000	91	52729	20.0	19.4	
15 Acrolein	56	3.040	3.040	0.000	96	139214	300.0	270.8	
16 1,1,2-Trichloro-1,2,2-trif	101	3.058	3.058	0.000	96	66429	20.0	19.5	
17 1,1-Dichloroethene	96	3.071	3.070	0.001	95	60735	20.0	19.5	
18 Acetone	43	3.193	3.192	0.001	87	113199	100.0	111.4	
19 Iodomethane	142	3.253	3.253	0.000	100	129733	20.0	21.6	
20 Carbon disulfide	76	3.284	3.284	0.000	99	225486	20.0	19.3	
21 Isopropyl alcohol	45	3.321	3.320	0.001	100	49577	200.0	229.0	
22 3-Chloro-1-propene	76	3.467	3.467	0.000	90	39535	20.0	21.7	
23 Cyclopentene	67	3.485	3.485	0.000	93	173102	20.0	20.4	
24 Methyl acetate	43	3.491	3.491	0.000	100	292710	100.0	118.2	
25 Acetonitrile	41	3.552	3.552	0.000	98	95798	200.0	228.1	
26 Methylene Chloride	84	3.625	3.625	0.000	96	79807	20.0	20.7	
* 27 TBA-d9 (IS)	65	3.650	3.644	0.006	88	294323	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.729	3.717	0.012	99	77889	200.0	211.2	M
29 Methyl tert-butyl ether	73	3.827	3.826	0.001	97	197836	20.0	23.3	
30 trans-1,2-Dichloroethene	96	3.851	3.851	0.000	97	69006	20.0	20.4	
31 Acrylonitrile	53	3.948	3.948	0.000	94	246438	200.0	211.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	57	4.052	4.046	0.006	94	103294	20.0	20.6	
33 Isopropyl ether	45	4.320	4.320	0.000	98	251144	20.0	24.8	
34 1,1-Dichloroethane	63	4.345	4.345	0.000	99	139539	20.0	22.4	
35 Vinyl acetate	86	4.375	4.369	0.006	100	22203	40.0	50.8	
36 2-Chloro-1,3-butadiene	88	4.394	4.399	-0.005	90	60176	20.0	21.2	
37 Tert-butyl ethyl ether	59	4.704	4.704	0.000	88	220651	20.0	24.2	
* 38 2-Butanone-d5	46	4.948	4.942	0.006	93	258938	250.0	250.0	
39 2,2-Dichloropropane	79	4.948	4.948	0.000	57	33620	20.0	21.8	
40 cis-1,2-Dichloroethene	96	4.985	4.985	0.000	96	79333	20.0	21.5	
41 2-Butanone (MEK)	72	5.015	5.009	0.006	98	41168	100.0	97.9	
42 Ethyl acetate	70	5.028	5.027	0.001	95	10254	40.0	40.1	
43 Methyl acrylate	55	5.089	5.082	0.006	99	57406	20.0	24.0	
44 Propionitrile	54	5.174	5.168	0.006	98	94524	200.0	224.1	
45 Tetrahydrofuran	72	5.259	5.253	0.006	56	17090	40.0	38.1	
46 Chlorobromomethane	128	5.259	5.259	0.000	89	38332	20.0	22.1	
47 Methacrylonitrile	67	5.296	5.296	0.000	93	257127	200.0	232.6	
48 Chloroform	83	5.332	5.332	0.000	99	125494	20.0	22.5	
49 Cyclohexane	56	5.479	5.472	0.007	92	126325	20.0	20.6	
50 1,1,1-Trichloroethane	97	5.503	5.497	0.006	98	99267	20.0	20.8	
$ 51 Dibromofluoromethane (Surr	113	5.527	5.521	0.006	97	122499	50.0	55.6	
52 Carbon tetrachloride	117	5.643	5.643	0.000	97	85845	20.0	20.3	
53 1,1-Dichloropropene	75	5.686	5.686	0.000	98	90622	20.0	20.5	
58 Isobutyl alcohol	43	5.875	5.875	0.000	47	133262	500.0	520.9	
54 Isooctane	57	5.899	5.899	0.000	97	284780	20.0	21.0	
55 Benzene	78	5.924	5.924	0.000	97	265953	20.0	19.4	
$ 56 1,2-Dichloroethane-d4 (Sur	102	5.954	5.948	0.006	98	25406	50.0	53.2	
57 Tert-amyl methyl ether	73	6.021	6.021	0.000	97	242249	20.0	23.9	
59 Isopropyl acetate	43	6.027	6.021	0.006	99	193772	20.0	24.3	
60 1,2-Dichloroethane	62	6.046	6.045	0.001	96	86287	20.0	22.3	
61 n-Heptane	57	6.137	6.137	0.000	94	58567	20.0	20.7	
* 62 Fluorobenzene	96	6.289	6.283	0.006	98	422306	50.0	50.0	
63 n-Butanol	56	6.692	6.692	0.000	89	49221	500.0	497.6	
64 Trichloroethene	95	6.722	6.722	0.000	98	65335	20.0	20.6	
65 Methylcyclohexane	83	6.863	6.862	0.001	97	115573	20.0	19.7	
66 Ethyl acrylate	73	6.881	6.887	-0.006	97	5373	20.0	23.7	
67 1,2-Dichloropropane	63	7.052	7.045	0.007	92	73494	20.0	22.3	
* 68 1,4-Dioxane-d8	96	7.125	7.112	0.013	91	21290	1000.0	1000.0	
69 Methyl methacrylate	100	7.155	7.149	0.006	93	29841	40.0	45.0	
71 1,4-Dioxane	88	7.173	7.186	-0.013	45	14113	400.0	415.7	
70 Dibromomethane	93	7.186	7.186	0.000	95	42739	20.0	22.1	
72 n-Propyl acetate	43	7.216	7.216	0.000	99	91319	20.0	24.8	
73 Dichlorobromomethane	83	7.344	7.344	0.000	99	83882	20.0	21.8	
74 2-Nitropropane	41	7.673	7.673	0.000	79	23745	40.0	42.9	
75 2-Chloroethyl vinyl ether	63	7.679	7.679	0.000	86	37673	20.0	23.5	
76 Epichlorohydrin	57	7.771	7.771	0.000	99	126454	400.0	398.2	
77 cis-1,3-Dichloropropene	75	7.820	7.820	0.000	91	106181	20.0	21.1	
78 4-Methyl-2-pentanone (MIBK	43	7.966	7.966	0.000	97	334013	100.0	106.7	
$ 79 Toluene-d8 (Surr)	98	8.027	8.027	0.000	99	435141	50.0	49.9	
80 Toluene	91	8.094	8.094	0.000	93	271449	20.0	19.0	
81 trans-1,3-Dichloropropene	75	8.374	8.374	0.000	96	87107	20.0	20.7	
82 Ethyl methacrylate	69	8.399	8.399	0.000	90	79570	20.0	23.2	
83 1,1,2-Trichloroethane	83	8.539	8.539	0.000	96	48964	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Tetrachloroethene	166	8.570	8.569	0.001	97	69183	20.0	19.4	
85 1,3-Dichloropropane	76	8.691	8.691	0.000	93	96475	20.0	20.9	
86 2-Hexanone	43	8.734	8.734	0.000	97	235056	100.0	108.3	
87 n-Butyl acetate	73	8.813	8.813	0.000	99	12700	20.0	21.0	
88 Chlorodibromomethane	129	8.856	8.856	0.000	98	62964	20.0	20.6	
89 Ethylene Dibromide	107	8.966	8.966	0.000	98	55672	20.0	20.6	
* 90 Chlorobenzene-d5	117	9.325	9.325	0.000	88	362041	50.0	50.0	
91 Chlorobenzene	112	9.350	9.350	0.000	94	174278	20.0	19.6	
92 Ethylbenzene	106	9.411	9.411	0.000	98	95269	20.0	19.5	
93 1,1,1,2-Tetrachloroethane	131	9.423	9.423	0.000	96	65927	20.0	20.2	
94 m-Xylene & p-Xylene	106	9.508	9.508	0.000	99	115520	20.0	19.4	
95 n-Butyl acrylate	73	9.795	9.795	0.000	96	47401	20.0	22.3	
96 o-Xylene	106	9.825	9.825	0.000	94	120315	20.0	20.0	
97 Styrene	104	9.850	9.844	0.006	95	187558	20.0	20.3	
98 Amyl acetate (mixed isomer	43	9.960	9.959	0.001	90	120341	20.0	22.3	
99 Bromoform	173	10.014	10.014	0.000	97	41145	20.0	21.0	
100 Isopropylbenzene	105	10.094	10.093	0.001	96	304680	20.0	19.4	
$ 101 4-Bromofluorobenzene	174	10.252	10.252	0.000	93	146702	50.0	51.2	
102 Bromobenzene	156	10.362	10.362	0.000	96	80209	20.0	20.0	
103 1,1,2,2-Tetrachloroethane	83	10.374	10.380	-0.006	98	79676	20.0	20.1	
104 N-Propylbenzene	91	10.405	10.404	0.001	99	374087	20.0	18.5	
105 1,2,3-Trichloropropane	110	10.423	10.423	0.000	97	21581	20.0	20.1	
106 trans-1,4-Dichloro-2-buten	53	10.429	10.429	0.000	80	21508	20.0	21.2	
107 4-Ethyltoluene	105	10.490	10.490	0.000	98	308541	20.0	19.1	
108 2-Chlorotoluene	91	10.490	10.490	0.000	96	254766	20.0	18.9	
109 1,3,5-Trimethylbenzene	105	10.533	10.532	0.001	93	256465	20.0	18.8	
110 4-Chlorotoluene	91	10.581	10.581	0.000	97	222017	20.0	19.0	
111 Butyl Methacrylate	87	10.587	10.587	0.000	92	90984	20.0	21.4	
112 tert-Butylbenzene	119	10.764	10.764	0.000	94	198619	20.0	18.4	
113 1,2,4-Trimethylbenzene	105	10.807	10.807	0.000	98	270008	20.0	19.2	
114 sec-Butylbenzene	105	10.923	10.923	0.000	99	326335	20.0	18.4	
115 4-Isopropyltoluene	119	11.020	11.020	0.000	98	284106	20.0	18.8	
116 1,3-Dichlorobenzene	146	11.039	11.038	0.001	96	146519	20.0	18.9	
* 117 1,4-Dichlorobenzene-d4	152	11.087	11.087	0.000	96	206606	50.0	50.0	
118 1,4-Dichlorobenzene	146	11.106	11.105	0.001	94	147460	20.0	18.8	
119 Benzyl chloride	126	11.209	11.209	0.000	99	26119	20.0	20.2	
120 2,3-Dihydroindene	117	11.264	11.264	0.000	95	293857	20.0	21.9	
121 p-Diethylbenzene	119	11.289	11.288	0.000	95	184693	20.0	19.6	
122 n-Butylbenzene	92	11.307	11.307	0.000	99	157491	20.0	18.5	
123 1,2-Dichlorobenzene	146	11.380	11.380	0.000	96	145796	20.0	19.2	
124 1,2,4,5-Tetramethylbenzene	119	11.886	11.886	0.000	97	282889	20.0	20.5	
125 1,2-Dibromo-3-Chloropropan	157	12.002	12.002	0.000	96	16775	20.0	19.8	
126 1,3,5-Trichlorobenzene	180	12.124	12.124	0.000	97	132716	20.0	20.0	
127 1,2,4-Trichlorobenzene	180	12.727	12.727	0.000	93	125842	20.0	20.1	
128 Hexachlorobutadiene	225	12.831	12.831	0.000	95	65130	20.0	19.4	
129 Naphthalene	128	13.002	13.001	0.001	99	261483	20.0	19.8	
130 1,2,3-Trichlorobenzene	180	13.276	13.276	0.000	95	118396	20.0	20.1	
S 131 1,2-Dichloroethene, Total	100				0		40.0	41.9	
S 132 1,3-Dichloropropene, Total	100				0		40.0	41.8	
S 133 Xylenes, Total	100				0		40.0	39.4	
S 134 Total BTEX	1				0		100.0	97.4	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00126	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	2.00	Units: uL	
ACROLEIN W_00044	Amount Added:	3.00	Units: uL	
8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 10-Nov-2015 13:51:23 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS4\20151110-34037.b\D16341.D

Injection Date: 10-Nov-2015 11:25:30 Instrument ID: CVOAMS4 Operator ID:

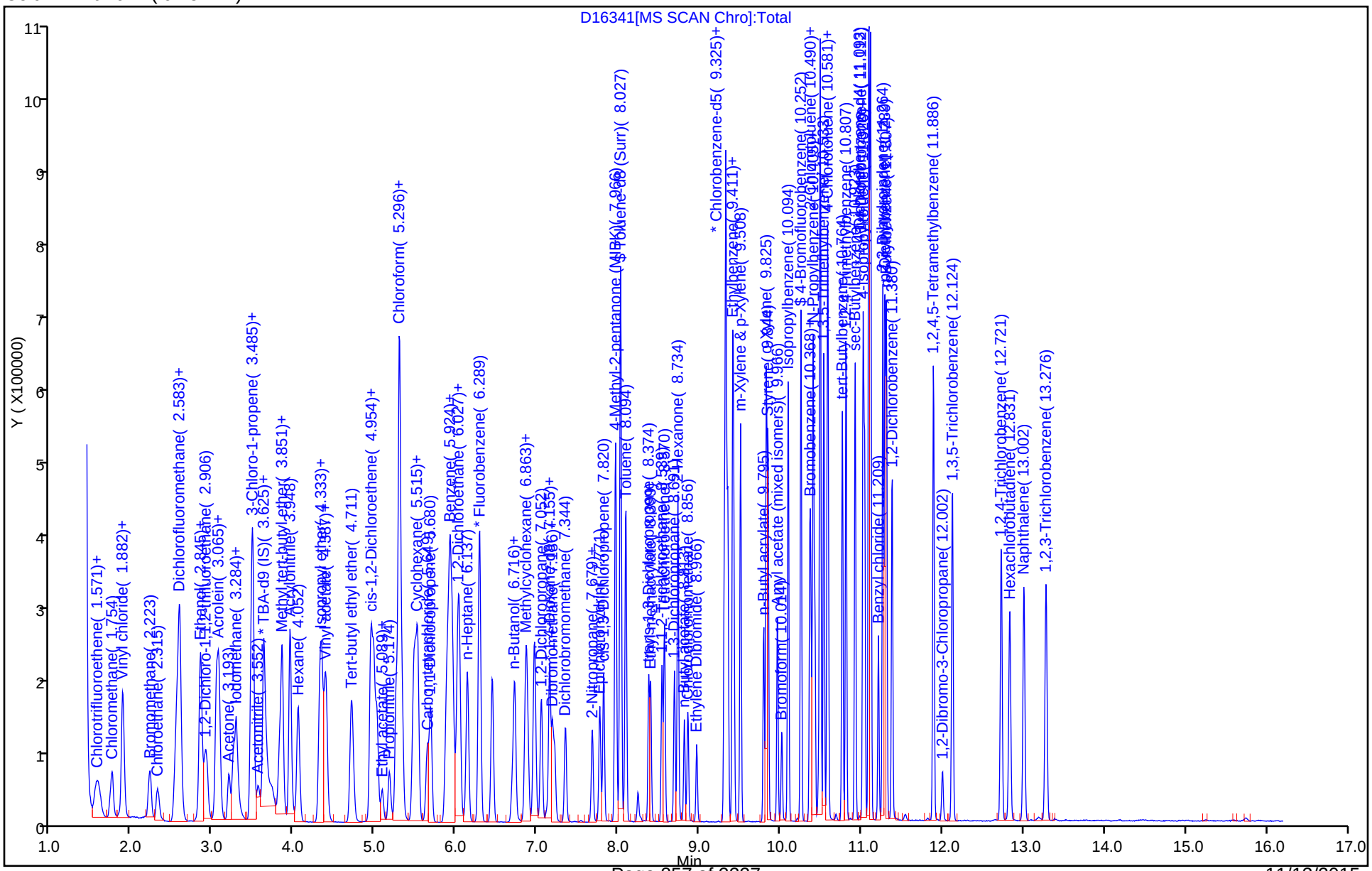
Lims ID: LCSD Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-334504/5

Matrix: Solid | Lab File ID: B89815.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 22:31

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 334504 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1020		50	11
74-83-9	Bromomethane	1040		50	9.0
75-01-4	Vinyl chloride	1010		50	10
75-00-3	Chloroethane	993		50	19
75-09-2	Methylene Chloride	1040		50	11
67-64-1	Acetone	3650		250	54
75-15-0	Carbon disulfide	1030		50	11
75-69-4	Trichlorofluoromethane	910		50	7.5
75-35-4	1,1-Dichloroethene	907		50	17
75-34-3	1,1-Dichloroethane	1080		50	12
156-60-5	trans-1,2-Dichloroethene	961		50	9.0
156-59-2	cis-1,2-Dichloroethene	967		50	13
67-66-3	Chloroform	964		50	11
78-93-3	2-Butanone	4260		250	110
107-06-2	1,2-Dichloroethane	868		50	13
71-55-6	1,1,1-Trichloroethane	849		50	14
56-23-5	Carbon tetrachloride	863		50	17
71-43-2	Benzene	1060		50	9.5
75-25-2	Bromoform	974		50	9.0
100-42-5	Styrene	953		50	8.5
100-41-4	Ethylbenzene	963		50	15
108-90-7	Chlorobenzene	943		50	12
110-82-7	Cyclohexane	925		50	13
98-82-8	Isopropylbenzene	923		50	16
591-78-6	2-Hexanone	5010		250	36
1634-04-4	MTBE	951		50	6.5
76-13-1	Freon TF	966		50	17
79-20-9	Methyl acetate	5310		250	29
123-91-1	1,4-Dioxane	33900		1300	440
79-01-6	Trichloroethene	923		50	11
108-88-3	Toluene	1010		50	13
10061-02-6	trans-1,3-Dichloropropene	983		50	9.5
108-10-1	4-Methyl-2-pentanone	4940		250	32
10061-01-5	cis-1,3-Dichloropropene	1040		50	8.0
95-50-1	1,2-Dichlorobenzene	902		50	11
541-73-1	1,3-Dichlorobenzene	943		50	17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-334504/5

Matrix: Solid | Lab File ID: B89815.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 22:31

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 334504 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	964		50	17
120-82-1	1,2,4-Trichlorobenzene	947		50	14
87-61-6	1,2,3-Trichlorobenzene	925		50	18
78-87-5	1,2-Dichloropropane	1060		50	9.0
108-87-2	Methylcyclohexane	916		50	11
127-18-4	Tetrachloroethene	982		50	18
1330-20-7	Xylenes, Total	1840		100	14
96-12-8	1,2-Dibromo-3-Chloropropane	797		50	12
79-34-5	1,1,2,2-Tetrachloroethane	1000		50	9.5
79-00-5	1,1,2-Trichloroethane	1090		50	4.0
124-48-1	Dibromochloromethane	929		50	11
106-93-4	1,2-Dibromoethane	907		50	9.5
75-71-8	Dichlorodifluoromethane	828		50	7.0
74-97-5	Bromochloromethane	1010		50	15
75-27-4	Bromodichloromethane	948		50	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		69-145
2037-26-5	Toluene-d8 (Surr)	102		72-136
460-00-4	Bromofluorobenzene	100		64-131
1868-53-7	Dibromofluoromethane (Surr)	104		74-134

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\B89815.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 10-Nov-2015 22:31:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCSD
Misc. Info.: 460-0034078-005
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 11:28:17 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: delpolitov Date: 11-Nov-2015 11:28:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.077	1.077	0.000	59	9442	20.0	17.9	
2 Dichlorodifluoromethane	85	1.101	1.101	0.000	99	63743	20.0	16.6	
3 Chloromethane	50	1.217	1.217	-0.001	99	51458	20.0	20.3	
4 Vinyl chloride	62	1.299	1.307	-0.008	96	60327	20.0	20.2	
5 Butadiene	54	1.299	1.307	-0.008	91	44058	20.0	19.2	
6 Bromomethane	94	1.529	1.529	0.000	96	51742	20.0	20.8	
7 Chloroethane	64	1.587	1.595	-0.008	97	33859	20.0	19.9	
10 Trichlorofluoromethane	101	1.768	1.768	0.000	61	89635	20.0	18.2	
9 Dichlorofluoromethane	67	1.768	1.768	0.000	98	113590	20.0	20.7	
8 Pentane	72	1.784	1.785	0.000	98	13861	40.0	38.8	
12 Ethanol	46	1.957	1.966	-0.009	64	2187	800.0	940.4	M
11 Ethyl ether	59	1.965	1.966	-0.001	92	45392	20.0	22.1	
13 2-Methyl-1,3-butadiene	53	1.974	1.974	0.000	95	44325	20.0	20.0	
14 1,2-Dichloro-1,1,2-trifluo	117	2.039	2.040	-0.001	82	56900	20.0	20.2	
16 1,1,2-Trichloro-1,2,2-trif	101	2.138	2.130	0.008	52	52568	20.0	19.3	
15 Acrolein	56	2.122	2.138	-0.016	45	16378	40.0	37.9	
17 1,1-Dichloroethene	96	2.146	2.147	-0.001	98	55912	20.0	18.1	
18 Acetone	43	2.245	2.245	0.000	87	40190	100.0	73.1	
19 Iodomethane	142	2.286	2.287	0.000	96	132758	20.0	20.2	
20 Carbon disulfide	76	2.311	2.303	0.008	98	197390	20.0	20.6	
21 Isopropyl alcohol	45	2.393	2.377	0.016	53	14433	200.0	319.2	M
22 3-Chloro-1-propene	76	2.451	2.459	-0.008	52	36345	20.0	21.3	
23 Cyclopentene	67	2.467	2.468	-0.001	82	133128	20.0	19.8	
24 Methyl acetate	43	2.476	2.476	0.000	98	191556	100.0	106.2	
25 Acetonitrile	41	2.566	2.542	0.024	19	44250	200.0	210.0	
26 Methylene Chloride	84	2.583	2.591	-0.008	86	69874	20.0	20.9	
* 27 TBA-d9 (IS)	65	2.624	2.616	0.008	91	162084	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.681	2.706	-0.025	43	35851	200.0	214.9	
29 Methyl tert-butyl ether	73	2.739	2.747	-0.008	96	174075	20.0	19.0	
30 trans-1,2-Dichloroethene	96	2.764	2.764	0.000	92	64217	20.0	19.2	
31 Acrylonitrile	53	2.846	2.854	-0.008	92	170829	200.0	203.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.928	2.928	0.000	91	20124	20.0	20.8	
34 Isopropyl ether	45	3.159	3.159	0.000	96	169127	20.0	22.8	
33 1,1-Dichloroethane	63	3.167	3.167	0.000	98	107015	20.0	21.6	
36 Vinyl acetate	86	3.208	3.200	0.008	99	19191	40.0	53.8	
35 2-Chloro-1,3-butadiene	88	3.208	3.216	-0.008	70	53327	20.0	19.3	
38 Tert-butyl ethyl ether	59	3.488	3.488	0.000	89	176346	20.0	20.1	
* 158 2-Butanone-d5	46	3.702	3.702	0.000	90	196481	250.0	250.0	
39 2,2-Dichloropropane	41	3.694	3.702	-0.008	71	47007	20.0	20.7	
40 cis-1,2-Dichloroethene	96	3.735	3.727	0.008	96	70227	20.0	19.3	
41 2-Butanone (MEK)	72	3.768	3.751	0.017	97	22755	100.0	85.2	
42 Ethyl acetate	70	3.784	3.793	-0.009	92	7146	40.0	35.1	
43 Methyl acrylate	55	3.825	3.825	0.000	97	38366	20.0	19.6	
44 Propionitrile	54	3.908	3.900	0.008	97	48739	200.0	220.3	
46 Tetrahydrofuran	72	3.965	3.965	0.000	67	12285	40.0	36.6	
45 Chlorobromomethane	128	3.973	3.974	-0.001	79	39415	20.0	20.2	
47 Methacrylonitrile	67	4.006	4.007	-0.001	91	215523	200.0	204.7	
48 Chloroform	83	4.048	4.056	-0.008	98	104315	20.0	19.3	
49 Cyclohexane	84	4.155	4.155	0.000	87	55806	20.0	18.5	
50 1,1,1-Trichloroethane	97	4.179	4.171	0.008	97	86520	20.0	17.0	
$ 51 Dibromofluoromethane (Surr	113	4.220	4.220	0.000	93	135934	50.0	52.0	
52 Carbon tetrachloride	117	4.311	4.311	0.000	97	71227	20.0	17.3	
53 1,1-Dichloropropene	75	4.344	4.344	0.000	97	74834	20.0	20.2	
54 Isooctane	57	4.550	4.541	0.009	94	69407	20.0	19.8	
55 Benzene	78	4.558	4.558	0.000	96	228563	20.0	21.3	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.599	4.599	0.000	95	127074	50.0	47.6	
56 Isobutyl alcohol	43	4.624	4.624	0.000	63	29115	500.0	530.0	M
58 Tert-amyl methyl ether	73	4.665	4.673	-0.008	98	183884	20.0	19.1	
60 1,2-Dichloroethane	62	4.681	4.681	0.000	96	73687	20.0	17.4	
59 Isopropyl acetate	87	4.673	4.690	-0.017	97	54258	20.0	17.9	
61 n-Heptane	57	4.780	4.780	0.000	15	13813	20.0	19.1	
* 62 Fluorobenzene	96	4.903	4.904	-0.001	100	515253	50.0	50.0	
64 Trichloroethene	95	5.315	5.315	0.000	95	53740	20.0	18.5	
65 n-Butanol	56	5.405	5.422	-0.017	46	6033	500.0	474.6	M
66 Methylcyclohexane	83	5.447	5.447	0.000	92	44888	20.0	18.3	
67 Ethyl acrylate	55	5.521	5.521	0.000	97	53920	20.0	19.9	
68 1,2-Dichloropropane	63	5.652	5.661	-0.009	93	53056	20.0	21.2	
* 69 1,4-Dioxane-d8	96	5.751	5.743	0.008	85	19599	1000.0	1000.0	
71 1,4-Dioxane	88	5.809	5.801	0.008	29	8425	400.0	677.1	M
72 Methyl methacrylate	100	5.809	5.809	0.000	86	30253	40.0	35.6	
70 Dibromomethane	93	5.809	5.809	0.000	66	36136	20.0	18.1	
73 n-Propyl acetate	43	5.899	5.891	0.008	98	59588	20.0	21.7	
74 Dichlorobromomethane	83	6.023	6.023	0.000	98	72008	20.0	19.0	
75 2-Nitropropane	41	6.434	6.426	0.008	99	21785	40.0	36.0	
76 2-Chloroethyl vinyl ether	63	6.467	6.467	0.000	89	32599	20.0	20.9	
77 Epichlorohydrin	57	6.574	6.574	0.000	97	73936	400.0	351.9	
78 cis-1,3-Dichloropropene	75	6.623	6.624	-0.001	89	89069	20.0	20.8	
79 4-Methyl-2-pentanone (MIBK	43	6.837	6.846	-0.009	97	222247	100.0	98.7	
$ 80 Toluene-d8 (Surr)	98	6.887	6.887	0.000	98	452071	50.0	51.2	
81 Toluene	91	6.969	6.969	0.000	94	228215	20.0	20.1	
82 trans-1,3-Dichloropropene	75	7.372	7.381	-0.009	96	75683	20.0	19.7	
83 Ethyl methacrylate	69	7.430	7.430	0.000	88	65189	20.0	20.5	
84 1,1,2-Trichloroethane	83	7.570	7.570	0.000	90	45347	20.0	21.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	7.578	7.578	0.000	93	60593	20.0	19.6	
86 1,3-Dichloropropane	76	7.751	7.751	0.000	91	84811	20.0	20.1	
87 2-Hexanone	43	7.841	7.842	-0.001	95	130040	100.0	100.2	
88 Chlorodibromomethane	129	7.957	7.949	0.008	97	61379	20.0	18.6	
89 n-Butyl acetate	73	7.957	7.957	0.000	90	9525	20.0	18.8	
90 Ethylene Dibromide	107	8.064	8.064	0.000	95	53328	20.0	18.1	
* 91 Chlorobenzene-d5	117	8.508	8.508	0.000	83	449962	50.0	50.0	
92 Chlorobenzene	112	8.541	8.541	0.000	97	160069	20.0	18.9	
93 Ethylbenzene	106	8.623	8.623	0.000	97	81085	20.0	19.3	
94 1,1,1,2-Tetrachloroethane	131	8.640	8.640	0.000	93	63664	20.0	18.7	
95 m-Xylene & p-Xylene	106	8.747	8.747	0.000	95	96427	20.0	18.2	
96 o-Xylene	106	9.117	9.117	0.000	95	101735	20.0	18.6	
97 n-Butyl acrylate	73	9.133	9.134	-0.001	99	44023	20.0	19.6	
98 Styrene	104	9.150	9.150	0.000	98	173249	20.0	19.1	
100 Amyl acetate (mixed isomer	43	9.339	9.339	0.000	91	96626	20.0	23.9	
99 Bromoform	173	9.339	9.339	0.000	68	45603	20.0	19.5	
101 Isopropylbenzene	105	9.446	9.446	0.000	95	204607	20.0	18.5	
$ 102 4-Bromofluorobenzene	174	9.627	9.627	0.000	96	191328	50.0	49.8	
104 Bromobenzene	156	9.734	9.734	0.000	88	77748	20.0	18.6	
105 1,1,2,2-Tetrachloroethane	83	9.800	9.800	0.000	97	70140	20.0	20.0	
106 N-Propylbenzene	91	9.800	9.800	0.000	99	226325	20.0	20.1	
107 1,2,3-Trichloropropane	110	9.833	9.833	0.000	94	23855	20.0	20.2	
108 trans-1,4-Dichloro-2-buten	53	9.849	9.850	-0.001	78	17581	20.0	20.9	
109 2-Chlorotoluene	91	9.899	9.899	0.000	97	173008	20.0	19.3	
110 4-Ethyltoluene	105	9.907	9.907	0.000	98	205041	20.0	19.0	
111 1,3,5-Trimethylbenzene	105	9.965	9.965	0.000	95	162922	20.0	17.9	
112 4-Chlorotoluene	91	9.998	9.998	0.000	95	169706	20.0	20.3	
113 Butyl Methacrylate	87	10.055	10.055	0.000	87	81336	20.0	20.2	
114 tert-Butylbenzene	119	10.220	10.220	0.000	95	123495	20.0	17.7	
115 1,2,4-Trimethylbenzene	105	10.277	10.278	-0.001	96	176135	20.0	17.9	
116 sec-Butylbenzene	105	10.401	10.401	0.000	98	170936	20.0	18.8	
118 4-Isopropyltoluene	119	10.524	10.524	0.000	98	158872	20.0	19.0	
117 1,3-Dichlorobenzene	146	10.524	10.524	0.000	99	123049	20.0	18.9	
* 119 1,4-Dichlorobenzene-d4	152	10.590	10.590	0.000	92	277598	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.607	10.607	0.000	97	132457	20.0	19.3	
121 Benzyl chloride	91	10.730	10.730	0.000	99	146309	20.0	20.9	
122 2,3-Dihydroindene	117	10.779	10.780	-0.001	94	228674	20.0	19.0	
123 p-Diethylbenzene	119	10.829	10.829	0.000	95	92096	20.0	18.1	
124 n-Butylbenzene	91	10.853	10.845	0.008	97	161446	20.0	20.9	
125 1,2-Dichlorobenzene	146	10.911	10.911	0.000	99	124463	20.0	18.0	
126 1,2,4,5-Tetramethylbenzene	119	11.446	11.446	0.000	98	162294	20.0	17.7	
127 1,2-Dibromo-3-Chloropropan	75	11.537	11.537	0.000	92	10360	20.0	15.9	
128 1,3,5-Trichlorobenzene	180	11.644	11.644	0.000	96	82232	20.0	18.7	
130 1,2,4-Trichlorobenzene	180	12.137	12.129	0.008	92	79289	20.0	18.9	
131 Hexachlorobutadiene	225	12.211	12.212	-0.001	97	38193	20.0	23.2	
132 Naphthalene	128	12.335	12.335	0.000	99	194236	20.0	17.2	
133 1,2,3-Trichlorobenzene	180	12.532	12.532	0.000	95	71334	20.0	18.5	
S 134 1,2-Dichloroethene, Total	100				0		40.0	38.6	
S 135 Xylenes, Total	100				0		40.0	36.8	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260SURR250_00096	Amount Added:	1.00	Units: uL	
ACROLEIN W_00044	Amount Added:	4.00	Units: uL	
GASES Li_00126	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	20.00	Units: uL	
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

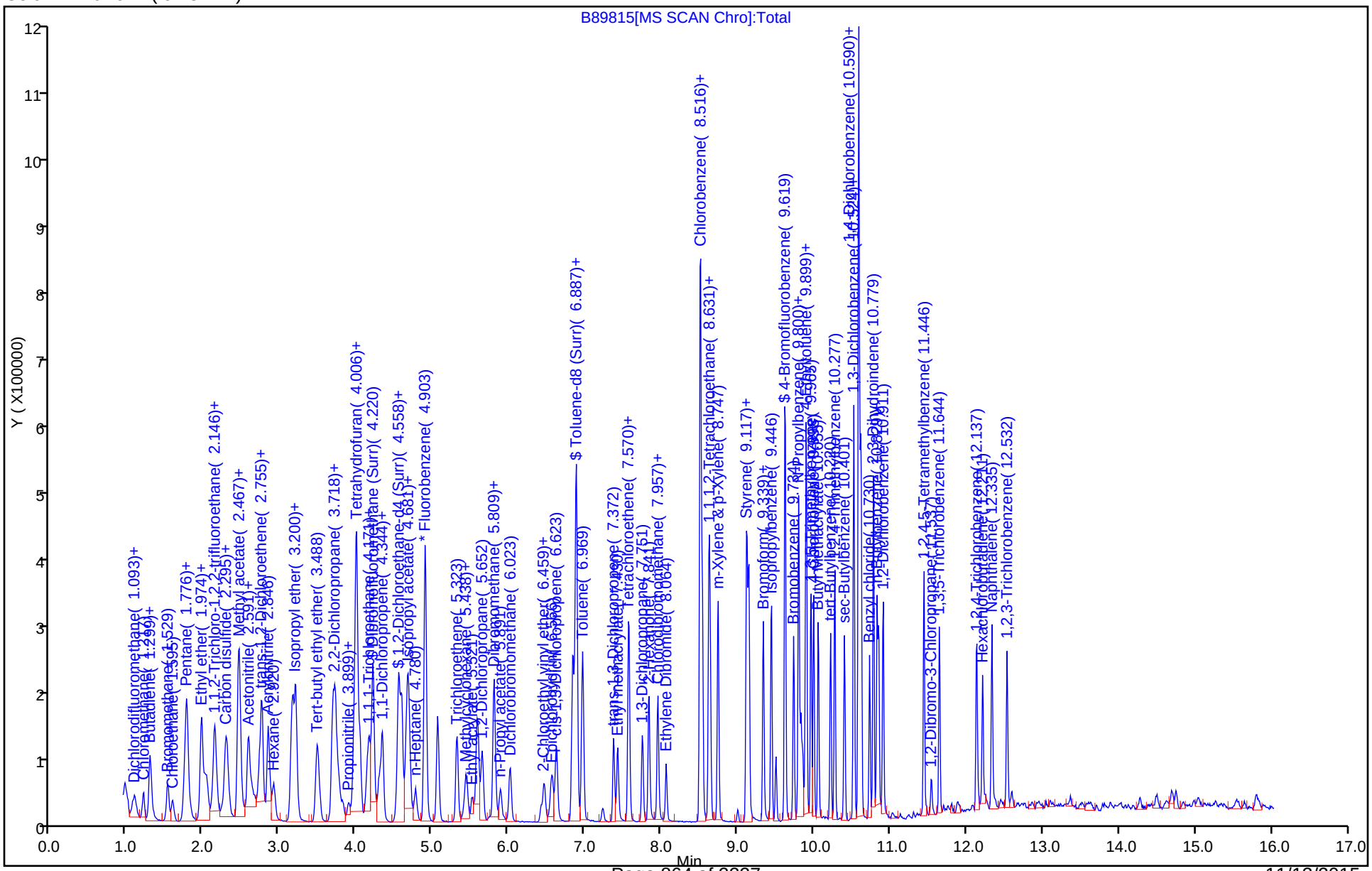
Report Date: 11-Nov-2015 11:28:18 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\B89815.D

Injection Date:	10-Nov-2015 22:31:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	LCSD			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	4
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

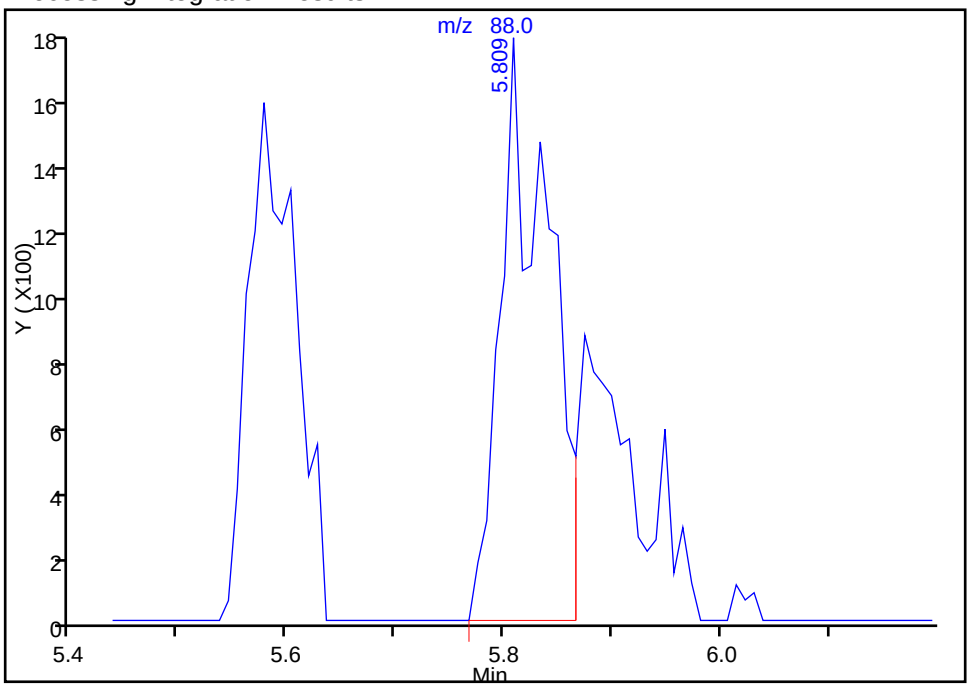
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151110-34078.b\B89815.D
Injection Date: 10-Nov-2015 22:31:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

71 1,4-Dioxane, CAS: 123-91-1

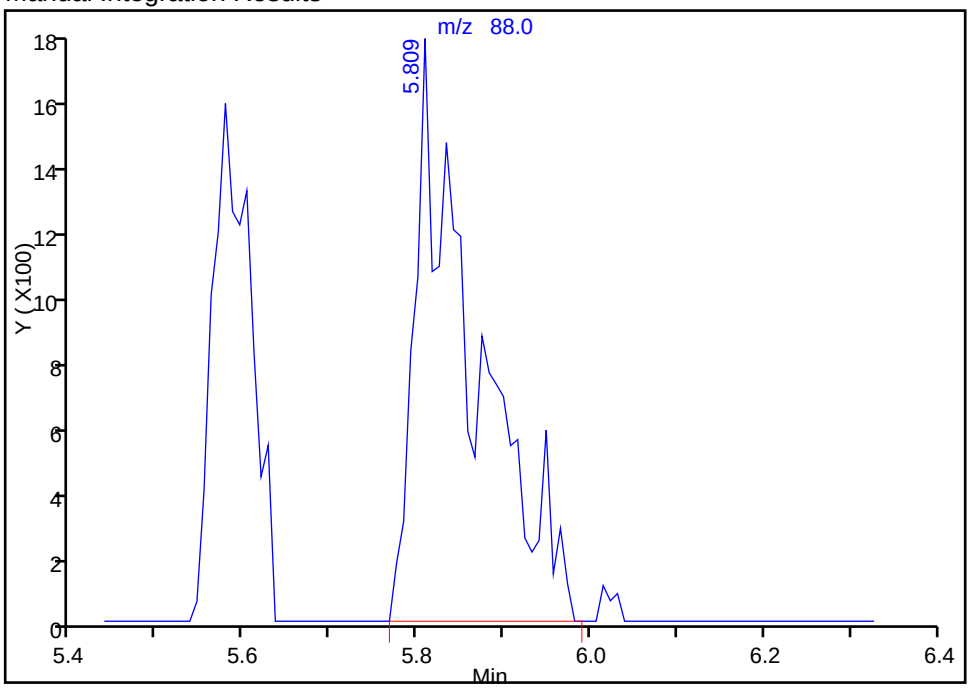
Processing Integration Results

RT: 5.81
Area: 5496
Amount: 440.4366
Amount Units: ug/l



Manual Integration Results

RT: 5.81
Area: 8425
Amount: 677.0779
Amount Units: ug/l



Reviewer: delpolitov, 11-Nov-2015 11:28:17
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-104036-B-1 MS

Matrix: Water | Lab File ID: C05515.D

Analysis Method: 8260C | Date Collected: 11/02/2015 09:45

Sample wt/vol: 5(mL) | Date Analyzed: 11/11/2015 00:51

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334455 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	137		10	2.2
74-83-9	Bromomethane	107		10	1.8
75-01-4	Vinyl chloride	184		10	0.60
75-00-3	Chloroethane	255		10	3.7
75-09-2	Methylene Chloride	197		10	2.1
67-64-1	Acetone	859		50	11
75-15-0	Carbon disulfide	209		10	2.2
75-69-4	Trichlorofluoromethane	249		10	1.5
75-35-4	1,1-Dichloroethene	211		10	3.4
75-34-3	1,1-Dichloroethane	197		10	2.4
156-60-5	trans-1,2-Dichloroethene	208		10	1.8
156-59-2	cis-1,2-Dichloroethene	200		10	2.6
67-66-3	Chloroform	201		10	2.2
78-93-3	2-Butanone	939		50	22
107-06-2	1,2-Dichloroethane	193		10	2.5
71-55-6	1,1,1-Trichloroethane	208		10	2.8
56-23-5	Carbon tetrachloride	204		10	3.3
71-43-2	Benzene	171		10	0.90
75-25-2	Bromoform	170		10	1.8
100-42-5	Styrene	170		10	1.7
100-41-4	Ethylbenzene	169		10	3.0
108-90-7	Chlorobenzene	178		10	2.4
110-82-7	Cyclohexane	216		10	2.6
98-82-8	Isopropylbenzene	182		10	3.2
591-78-6	2-Hexanone	889		50	7.2
1634-04-4	MTBE	202		10	1.3
76-13-1	Freon TF	249		10	3.4
79-20-9	Methyl acetate	921		50	5.8
123-91-1	1,4-Dioxane	3230		500	87
79-01-6	Trichloroethene	210		10	2.2
108-88-3	Toluene	177		10	2.5
10061-02-6	trans-1,3-Dichloropropene	156		10	1.9
108-10-1	4-Methyl-2-pentanone	895		50	6.3
10061-01-5	cis-1,3-Dichloropropene	157		10	1.6
95-50-1	1,2-Dichlorobenzene	172		10	2.2
541-73-1	1,3-Dichlorobenzene	167		10	3.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-104036-B-1 MS

Matrix: Water | Lab File ID: C05515.D

Analysis Method: 8260C | Date Collected: 11/02/2015 09:45

Sample wt/vol: 5(mL) | Date Analyzed: 11/11/2015 00:51

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334455 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	171		10	3.3
120-82-1	1,2,4-Trichlorobenzene	163		10	2.7
87-61-6	1,2,3-Trichlorobenzene	169		10	3.5
78-87-5	1,2-Dichloropropane	203		10	1.8
108-87-2	Methylcyclohexane	223		10	2.2
127-18-4	Tetrachloroethene	190		10	1.2
1330-20-7	Xylenes, Total	345		20	2.8
96-12-8	1,2-Dibromo-3-Chloropropane	162		10	2.3
79-34-5	1,1,2,2-Tetrachloroethane	160		10	1.9
79-00-5	1,1,2-Trichloroethane	167		10	0.80
124-48-1	Dibromochloromethane	174		10	2.2
106-93-4	1,2-Dibromoethane	169		10	1.9
75-71-8	Dichlorodifluoromethane	164		10	1.4
74-97-5	Bromochloromethane	199		10	3.0
75-27-4	Bromodichloromethane	192		10	1.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		70-137
2037-26-5	Toluene-d8 (Surr)	81		74-120
460-00-4	Bromofluorobenzene	93		70-131
1868-53-7	Dibromofluoromethane (Surr)	100		72-136

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-104036-B-1 MSD

Matrix: Water | Lab File ID: C05516.D

Analysis Method: 8260C | Date Collected: 11/02/2015 09:45

Sample wt/vol: 5(mL) | Date Analyzed: 11/11/2015 01:17

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334455 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	137		10	2.2
74-83-9	Bromomethane	144		10	1.8
75-01-4	Vinyl chloride	178		10	0.60
75-00-3	Chloroethane	200		10	3.7
75-09-2	Methylene Chloride	197		10	2.1
67-64-1	Acetone	740		50	11
75-15-0	Carbon disulfide	205		10	2.2
75-69-4	Trichlorofluoromethane	248		10	1.5
75-35-4	1,1-Dichloroethene	208		10	3.4
75-34-3	1,1-Dichloroethane	194		10	2.4
156-60-5	trans-1,2-Dichloroethene	199		10	1.8
156-59-2	cis-1,2-Dichloroethene	207		10	2.6
67-66-3	Chloroform	200		10	2.2
78-93-3	2-Butanone	918		50	22
107-06-2	1,2-Dichloroethane	186		10	2.5
71-55-6	1,1,1-Trichloroethane	206		10	2.8
56-23-5	Carbon tetrachloride	206		10	3.3
71-43-2	Benzene	160		10	0.90
75-25-2	Bromoform	166		10	1.8
100-42-5	Styrene	170		10	1.7
100-41-4	Ethylbenzene	169		10	3.0
108-90-7	Chlorobenzene	172		10	2.4
110-82-7	Cyclohexane	209		10	2.6
98-82-8	Isopropylbenzene	179		10	3.2
591-78-6	2-Hexanone	868		50	7.2
1634-04-4	MTBE	198		10	1.3
76-13-1	Freon TF	236		10	3.4
79-20-9	Methyl acetate	912		50	5.8
123-91-1	1,4-Dioxane	3660		500	87
79-01-6	Trichloroethene	203		10	2.2
108-88-3	Toluene	171		10	2.5
10061-02-6	trans-1,3-Dichloropropene	156		10	1.9
108-10-1	4-Methyl-2-pentanone	880		50	6.3
10061-01-5	cis-1,3-Dichloropropene	155		10	1.6
95-50-1	1,2-Dichlorobenzene	167		10	2.2
541-73-1	1,3-Dichlorobenzene	163		10	3.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-104036-B-1 MSD

Matrix: Water | Lab File ID: C05516.D

Analysis Method: 8260C | Date Collected: 11/02/2015 09:45

Sample wt/vol: 5(mL) | Date Analyzed: 11/11/2015 01:17

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334455 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	163		10	3.3
120-82-1	1,2,4-Trichlorobenzene	168		10	2.7
87-61-6	1,2,3-Trichlorobenzene	171		10	3.5
78-87-5	1,2-Dichloropropane	194		10	1.8
108-87-2	Methylcyclohexane	222		10	2.2
127-18-4	Tetrachloroethene	190		10	1.2
1330-20-7	Xylenes, Total	344		20	2.8
96-12-8	1,2-Dibromo-3-Chloropropane	145		10	2.3
79-34-5	1,1,2,2-Tetrachloroethane	155		10	1.9
79-00-5	1,1,2-Trichloroethane	160		10	0.80
124-48-1	Dibromochloromethane	174		10	2.2
106-93-4	1,2-Dibromoethane	163		10	1.9
75-71-8	Dichlorodifluoromethane	168		10	1.4
74-97-5	Bromochloromethane	193		10	3.0
75-27-4	Bromodichloromethane	190		10	1.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-137
2037-26-5	Toluene-d8 (Surr)	81		74-120
460-00-4	Bromofluorobenzene	91		70-131
1868-53-7	Dibromofluoromethane (Surr)	101		72-136

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 10/31/2015 13:01

Analysis Batch Number: 332444 End Date: 10/31/2015 17:25

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-332444/1		10/31/2015 13:01	1	B89350.D	Rtx-624 0.25(mm)
STD7 460-332444/2 IC		10/31/2015 13:26	1	B89351.D	Rtx-624 0.25(mm)
STD1 460-332444/3 IC		10/31/2015 13:49	1	B89352.D	Rtx-624 0.25(mm)
STD5 460-332444/4 IC		10/31/2015 14:13	1	B89353.D	Rtx-624 0.25(mm)
STD20 460-332444/5 ICIS		10/31/2015 14:37	1	B89354.D	Rtx-624 0.25(mm)
STD50 460-332444/6 IC		10/31/2015 15:01	1	B89355.D	Rtx-624 0.25(mm)
STD200 460-332444/7 IC		10/31/2015 15:25	1	B89356.D	Rtx-624 0.25(mm)
STD500 460-332444/8 IC		10/31/2015 15:49	1	B89357.D	Rtx-624 0.25(mm)
ICV 460-332444/12		10/31/2015 17:25	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 11/09/2015 21:13

Analysis Batch Number: 334211 End Date: 11/10/2015 07:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-334211/1		11/09/2015 21:13	1	B89755.D	Rtx-624 0.25(mm)
CCVIS 460-334211/2		11/09/2015 22:03	1	B89756.D	Rtx-624 0.25(mm)
LCS 460-334211/3		11/09/2015 22:27	50	B89757.D	Rtx-624 0.25(mm)
LCSD 460-334211/5		11/09/2015 23:16	50	B89759.D	Rtx-624 0.25(mm)
MB 460-334211/7		11/10/2015 00:04	50	B89761.D	Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 01:08	50		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 01:33	50		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 01:56	50		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 02:21	50		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 05:18	50		Rtx-624 0.25(mm)
460-104194-11	PMP-15-NW2-WT	11/10/2015 05:42	50	B89774.D	Rtx-624 0.25(mm)
460-104194-15	PMP-19-NW2-WT	11/10/2015 06:06	50	B89775.D	Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 07:43	50		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 11/10/2015 20:52

Analysis Batch Number: 334504 End Date: 11/11/2015 07:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-334504/1		11/10/2015 20:52	1	B89811.D	Rtx-624 0.25(mm)
CCVIS 460-334504/3		11/10/2015 21:39	1	B89813.D	Rtx-624 0.25(mm)
LCS 460-334504/4		11/10/2015 22:03	50	B89814.D	Rtx-624 0.25(mm)
LCSD 460-334504/5		11/10/2015 22:31	50	B89815.D	Rtx-624 0.25(mm)
MB 460-334504/8		11/10/2015 23:59	50	B89818.D	Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 00:23	50		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 00:47	50		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 01:11	50		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 01:35	50		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 02:00	50		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 02:48	50		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 03:12	50		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 03:37	50		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 04:01	50		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 04:50	50		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 05:14	50		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 05:38	50		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 06:02	500		Rtx-624 0.25(mm)
460-104194-21	PMP-27_NW2_WT	11/11/2015 06:50	50	B89835.D	Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 07:38	200		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Instrument ID: CVOAMS3 Start Date: 10/29/2015 08:21

Analysis Batch Number: 331950 End Date: 10/29/2015 14:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-331950/1		10/29/2015 08:21	1	C05022.D	Rtx-624 0.25(mm)
STD1 460-331950/3 IC		10/29/2015 09:22	1	C05024.D	Rtx-624 0.25(mm)
STD5 460-331950/4 IC		10/29/2015 09:48	1	C05025.D	Rtx-624 0.25(mm)
STD20 460-331950/5 ICIS		10/29/2015 10:14	1	C05026.D	Rtx-624 0.25(mm)
STD50 460-331950/6 IC		10/29/2015 10:40	1	C05027.D	Rtx-624 0.25(mm)
STD200 460-331950/7 IC		10/29/2015 11:06	1	C05028.D	Rtx-624 0.25(mm)
STD500 460-331950/8 IC		10/29/2015 11:31	1	C05029.D	Rtx-624 0.25(mm)
STD8 460-331950/12 IC		10/29/2015 13:14	1	C05033.D	Rtx-624 0.25(mm)
ICV 460-331950/15		10/29/2015 14:32	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Instrument ID: CVOAMS3 Start Date: 11/10/2015 19:48

Analysis Batch Number: 334455 End Date: 11/11/2015 06:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-334455/1		11/10/2015 19:48	1	C05504.D	Rtx-624 0.25(mm)
CCVIS 460-334455/3		11/10/2015 20:40	1	C05506.D	Rtx-624 0.25(mm)
LCS 460-334455/4		11/10/2015 21:07	1	C05507.D	Rtx-624 0.25(mm)
MB 460-334455/7		11/10/2015 22:37	1	C05510.D	Rtx-624 0.25(mm)
460-104194-23	FB-20151106	11/10/2015 23:03	1	C05511.D	Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 23:29	1		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 23:55	1		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 00:24	1		Rtx-624 0.25(mm)
460-104036-B-1 MS		11/11/2015 00:51	10	C05515.D	Rtx-624 0.25(mm)
460-104036-B-1 MSD		11/11/2015 01:17	10	C05516.D	Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 02:09	1		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 02:35	1		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 03:01	1		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 03:28	1		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 03:54	1		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 04:20	1		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 04:46	1		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 05:12	1		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 05:39	1		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 06:05	1		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 06:31	1		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 06:57	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 11/04/2015 21:03

Analysis Batch Number: 333298 End Date: 11/05/2015 06:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-333298/1		11/04/2015 21:03	1	D16092.D	Rtx-624 0.25(mm)
STD5 460-333298/4 IC		11/04/2015 22:25	1	D16095.D	Rtx-624 0.25(mm)
STD20 460-333298/5 ICIS		11/04/2015 22:49	1	D16096.D	Rtx-624 0.25(mm)
STD50 460-333298/6 IC		11/04/2015 23:14	1	D16097.D	Rtx-624 0.25(mm)
STD200 460-333298/7 IC		11/04/2015 23:38	1	D16098.D	Rtx-624 0.25(mm)
STD500 460-333298/8 IC		11/05/2015 00:03	1	D16099.D	Rtx-624 0.25(mm)
STD1 460-333298/14 IC		11/05/2015 02:31	1	D16105.D	Rtx-624 0.25(mm)
ICV 460-333298/15		11/05/2015 03:15	1		Rtx-624 0.25(mm)
ZZZZZ		11/05/2015 03:39	1		Rtx-624 0.25(mm)
ZZZZZ		11/05/2015 04:04	1		Rtx-624 0.25(mm)
ZZZZZ		11/05/2015 04:53	1		Rtx-624 0.25(mm)
ZZZZZ		11/05/2015 05:17	1		Rtx-624 0.25(mm)
ZZZZZ		11/05/2015 05:42	1		Rtx-624 0.25(mm)
ZZZZZ		11/05/2015 06:06	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 11/09/2015 23:45

Analysis Batch Number: 334208 End Date: 11/10/2015 08:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-334208/1		11/09/2015 23:45	1	D16314.D	Rtx-624 0.25(mm)
CCVIS 460-334208/2		11/10/2015 00:13	1	D16315.D	Rtx-624 0.25(mm)
LCS 460-334208/3		11/10/2015 00:37	1	D16316.D	Rtx-624 0.25(mm)
LCSD 460-334208/4		11/10/2015 01:02	1	D16317.D	Rtx-624 0.25(mm)
MB 460-334208/6		11/10/2015 02:05	1	D16319.D	Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 02:54	1		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 03:43	1		Rtx-624 0.25(mm)
460-104194-1	PRA-25S_1.75	11/10/2015 04:07	1	D16324.D	Rtx-624 0.25(mm)
460-104194-2	PRA-25S-3.75	11/10/2015 04:32	1	D16325.D	Rtx-624 0.25(mm)
460-104194-3	PRA-25S 8.25	11/10/2015 04:56	1	D16326.D	Rtx-624 0.25(mm)
460-104194-4	PRA-25S 11.25	11/10/2015 05:21	1	D16327.D	Rtx-624 0.25(mm)
460-104194-5	PRA-23 NW	11/10/2015 05:45	1	D16328.D	Rtx-624 0.25(mm)
460-104194-6	PRA-18 S	11/10/2015 06:10	1	D16329.D	Rtx-624 0.25(mm)
460-104194-7	PRA-10 W	11/10/2015 06:34	1	D16330.D	Rtx-624 0.25(mm)
460-104194-8	PRA-18-SE	11/10/2015 06:59	1	D16331.D	Rtx-624 0.25(mm)
460-104194-9	PRA-18-NE	11/10/2015 07:24	1	D16332.D	Rtx-624 0.25(mm)
460-104194-10	PRA-20-N	11/10/2015 07:49	1	D16333.D	Rtx-624 0.25(mm)
460-104194-12	PMP-16-NW2-WT	11/10/2015 08:13	1	D16334.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 11/10/2015 09:31

Analysis Batch Number: 334289 End Date: 11/10/2015 20:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-334289/1		11/10/2015 09:31	1	D16337.D	Rtx-624 0.25(mm)
CCVIS 460-334289/3		11/10/2015 10:37	1	D16339.D	Rtx-624 0.25(mm)
LCS 460-334289/4		11/10/2015 11:01	1	D16340.D	Rtx-624 0.25(mm)
LCSD 460-334289/5		11/10/2015 11:25	1	D16341.D	Rtx-624 0.25(mm)
MB 460-334289/7		11/10/2015 12:15	1	D16343.D	Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 12:39	1		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 13:04	1		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 13:28	1		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 13:53	1		Rtx-624 0.25(mm)
460-104194-24	Trip Blank	11/10/2015 14:17	1	D16348.D	Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 14:41	1		Rtx-624 0.25(mm)
460-104194-20	DUP-2015_11_06_01	11/10/2015 15:06	1	D16350.D	Rtx-624 0.25(mm)
460-104194-22	PMP-28_NW2_WT	11/10/2015 15:31	1	D16351.D	Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 15:54	1		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 16:19	1		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 16:43	1		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 17:08	1		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 17:32	1		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 17:57	1		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 18:21	1		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 18:46	1		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 19:10	1		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 19:34	1		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 19:59	1		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 20:24	1		Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Batch Number: 333873 Batch Start Date: 11/07/15 11:42 Batch Analyst: Morrison, Derek

Batch Method: 5035 Batch End Date: 11/07/15 11:49

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount		
460-104194-B-1	PRA-25S_1.75	5035, 8260C	T	+029.814 g	34.63 g	4.816 g	5 mL		
460-104194-B-2	PRA-25S-3.75	5035, 8260C	T	+030.225 g	35.25 g	5.025 g	5 mL		
460-104194-B-3	PRA-25S 8.25	5035, 8260C	T	+029.696 g	34.98 g	5.284 g	5 mL		
460-104194-B-4	PRA-25S 11.25	5035, 8260C	T	+029.416 g	35.69 g	6.274 g	5 mL		
460-104194-B-5	PRA-23 NW	5035, 8260C	T	+030.915 g	34.98 g	4.065 g	5 mL		
460-104194-B-6	PRA-18 S	5035, 8260C	T	+030.107 g	36.31 g	6.203 g	5 mL		
460-104194-B-7	PRA-10 W	5035, 8260C	T	+030.350 g	35.78 g	5.43 g	5 mL		
460-104194-B-8	PRA-18-SE	5035, 8260C	T	+029.949 g	35.24 g	5.291 g	5 mL		
460-104194-B-9	PRA-18-NE	5035, 8260C	T	+031.091 g	36.88 g	5.789 g	5 mL		
460-104194-B-10	PRA-20-N	5035, 8260C	T	+029.722 g	35.91 g	6.188 g	5 mL		
460-104194-B-12	PMP-16-NW2-WT	5035, 8260C	T	+031.092 g	37.20 g	6.108 g	5 mL		
460-104194-C-20	DUP-2015_11_06_01	5035, 8260C	T	+029.995 g	35.35 g	5.355 g	5 mL		
460-104194-C-22	PMP-28_NW2_WT	5035, 8260C	T	+029.277 g	34.73 g	5.453 g	5 mL		
460-104194-C-24	Trip Blank	5035, 8260C	T			5 g	5 mL		

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Batch Number: 333874 Batch Start Date: 11/07/15 11:51 Batch Analyst: Morrison, Derek

Batch Method: 5035 Batch End Date: 11/07/15 11:56

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	VMC8PrepSU 00136	
460-104194-A-11	PMP-15-NW2-WT	5035, 8260C	T	+032.421 g	38.39 g	5.969 g	10 mL	10 mL	
460-104194-A-15	PMP-19-NW2-WT	5035, 8260C	T	+032.570 g	38.37 g	5.8 g	10 mL	10 mL	
460-104194-A-21	PMP-27_NW2_WT	5035, 8260C	T	+032.347 g	37.86 g	5.513 g	10 mL	10 mL	

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8270D

Semivolatile Organic Compounds (GC/MS)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
PRA-25S_1.75	460-104194-1	59	60	64	56	54	81
PRA-25S-3.75	460-104194-2	45	41	54	54	26	35
PRA-25S 8.25	460-104194-3	56	59	61	53	57	76
PRA-25S 11.25	460-104194-4	53	55	58	51	53	75
PRA-23 NW	460-104194-5	58	59	65	62	64	78
PRA-18 S	460-104194-6	55	58	60	54	55	74
PRA-10 W	460-104194-7	44	45	49	45	48	58
PRA-18-SE	460-104194-8	51	53	56	49	55	75
PRA-18-NE	460-104194-9	52	53	52	46	24	70
PRA-20-N	460-104194-10	56	57	62	57	64	74
DUP-2015_11_06_01	460-104194-20	53	58	62	57	32	86
	MB 460-334425/1-A	72	77	80	69	82	99
	LCS 460-334425/2-A	69	73	74	68	79	92
	LCS 460-334425/3-A	78	79	83	72	80	101
PRA-18-NE MS	460-104194-9 MS	52	56	56	53	53	72
PRA-18-NE MSD	460-104194-9 MSD	50	54	56	51	49	68

	QC LIMITS
2FP = 2-Fluorophenol	21-84
PHL = Phenol-d5	22-88
NBZ = Nitrobenzene-d5	28-92
FBP = 2-Fluorobiphenyl	27-84
TBP = 2,4,6-Tribromophenol	10-95
TPH = Terphenyl-d14	16-114

Column to be used to flag recovery values

FORM II 8270D

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
FB-20151106	460-104194-23	43	32	81	69	63	88
	MB 460-334367/1-A	38	29	80	72	72	80
	LCS 460-334367/2-A	36	25	77	64	74	88
	LCS 460-334367/4-A	37	26	79	62 X	57	94
	LCSD 460-334367/3-A	41	27	82	65	78	83
	LCSD 460-334367/5-A	41	29	87	71	70	92

	QC LIMITS
2FP = 2-Fluorophenol	13-77
PHL = Phenol-d5	10-53
NBZ = Nitrobenzene-d5	62-120
FBP = 2-Fluorobiphenyl	63-113
TBP = 2,4,6-Tribromophenol	43-126
TPH = Terphenyl-d14	57-125

Column to be used to flag recovery values

FORM II 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M966492.D

Lab ID: LCS 460-334367/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Phenol	80.0	24.9	31	14-50	
2-Chlorophenol	80.0	62.3	78	55-96	
2-Methylphenol	80.0	52.4	66	41-88	
4-Methylphenol	80.0	48.1	60	35-81	
Acetophenone	80.0	69.6	87	61-118	
Bis(2-chloroethyl)ether	80.0	62.9	79	60-104	
2,2'-oxybis[1-chloropropane]	80.0	67.2	84	48-107	
N-Nitrosodi-n-propylamine	80.0	65.1	81	57-120	
Nitrobenzene	80.0	72.1	90	66-105	
Hexachloroethane	80.0	60.6	76	44-91	
Isophorone	80.0	67.0	84	61-107	
2-Nitrophenol	80.0	71.6	89	72-105	
2,4-Dimethylphenol	80.0	65.2	81	65-104	
2,4-Dichlorophenol	80.0	72.2	90	70-103	
Bis(2-chloroethoxy)methane	80.0	70.7	88	68-109	
Naphthalene	80.0	67.9	85	61-100	
4-Chloroaniline	80.0	65.8	82	61-106	
Hexachlorobutadiene	80.0	62.8	78	47-100	
4-Chloro-3-methylphenol	80.0	66.4	83	58-109	
2-Methylnaphthalene	80.0	76.9	96	62-104	
Hexachlorobenzene	80.0	79.7	100	66-136	
Hexachlorocyclopentadiene	80.0	66.4	83	42-115	
2,4,6-Trichlorophenol	80.0	68.0	85	67-115	
2,4,5-Trichlorophenol	80.0	65.4	82	66-111	
Diphenyl	80.0	66.6	83	62-108	
2-Chloronaphthalene	80.0	64.4	80	62-105	
2-Nitroaniline	80.0	66.7	83	59-111	
2,6-Dinitrotoluene	80.0	69.3	87	69-112	
Dimethyl phthalate	80.0	70.4	88	68-111	
Acenaphthylene	80.0	66.9	84	67-110	
3-Nitroaniline	80.0	63.8	80	54-108	
Acenaphthene	80.0	71.7	90	55-110	
4-Nitrophenol	160	36.3	23	10-53	
2,4-Dinitrophenol	160	130	81	41-114	
Dibenzofuran	80.0	62.9	79	63-106	
Diethyl phthalate	80.0	87.9	110	62-115	
Fluorene	80.0	72.3	90	66-112	
Fluoranthene	80.0	81.7	102	65-125	
Di-n-butyl phthalate	80.0	91.0	114	66-127	
2,4-Dinitrotoluene	80.0	68.3	85	60-119	
4-Chlorophenyl phenyl ether	80.0	63.3	79	63-112	
4-Nitroaniline	80.0	67.8	85	42-128	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M966492.D

Lab ID: LCS 460-334367/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
4,6-Dinitro-2-methylphenol	160	167	104	72-125	
4-Bromophenyl phenyl ether	80.0	80.8	101	66-134	
Anthracene	80.0	80.2	100	76-113	
Carbazole	80.0	75.8	95	69-118	
Phenanthrene	80.0	84.0	105	76-116	
Pentachlorophenol	160	143	89	58-125	
Pyrene	80.0	79.3	99	57-120	
Chrysene	80.0	84.0	105	73-115	
Benzo[k]fluoranthene	80.0	74.0	92	70-120	
Benzo[g,h,i]perylene	80.0	106	133	66-144	
Benzo[b]fluoranthene	80.0	78.9	99	74-125	
Benzo[a]pyrene	80.0	81.8	102	75-122	
Benzo[a]anthracene	80.0	81.1	101	75-116	
N-Nitrosodiphenylamine	160	121	76	65-121	
Butyl benzyl phthalate	80.0	86.9	109	68-122	
Bis(2-ethylhexyl) phthalate	80.0	82.9	104	68-131	
Di-n-octyl phthalate	80.0	72.0	90	58-126	
Indeno[1,2,3-cd]pyrene	80.0	105	131	72-139	
Dibenz(a,h)anthracene	80.0	102	128	72-142	
3,3'-Dichlorobenzidine	80.0	94.4	118	71-132	
1,2,4,5-Tetrachlorobenzene	80.0	65.7	82	57-113	
2,3,4,6-Tetrachlorophenol	80.0	63.1	79	61-118	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M966511.D

Lab ID: LCS 460-334367/4-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Benzaldehyde	160	122	76	56-114	
Caprolactam	160	35.9	22	10-45	
Atrazine	160	115	72	58-134	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: x8397.D

Lab ID: LCS 460-334425/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	3330	2480	75	55-99	
2-Chlorophenol	3330	2450	74	58-95	
2-Methylphenol	3330	2520	76	56-99	
4-Methylphenol	3330	2420	73	53-103	
Acetophenone	3330	2610	78	56-107	
Bis(2-chloroethyl)ether	3330	2600	78	58-102	
2,2'-oxybis[1-chloropropane]	3330	2460	74	42-119	
N-Nitrosodi-n-propylamine	3330	2710	81	56-112	
Nitrobenzene	3330	2450	74	59-102	
Hexachloroethane	3330	2370	71	60-94	
Isophorone	3330	2750	83	60-102	
2-Nitrophenol	3330	2550	76	63-103	
2,4-Dimethylphenol	3330	2460	74	60-98	
2,4-Dichlorophenol	3330	2420	73	59-99	
Bis(2-chloroethoxy)methane	3330	2570	77	61-102	
Naphthalene	3330	2500	75	64-99	
4-Chloroaniline	3330	1760	53	10-82	
Hexachlorobutadiene	3330	2520	76	60-105	
4-Chloro-3-methylphenol	3330	2560	77	58-108	
2-Methylnaphthalene	3330	2580	77	64-102	
Hexachlorobenzene	3330	2900	87	65-117	
Hexachlorocyclopentadiene	3330	2610	78	37-119	
2,4,6-Trichlorophenol	3330	2470	74	61-107	
2,4,5-Trichlorophenol	3330	2250	67	59-105	
Diphenyl	3330	2280	68	64-103	
2-Chloronaphthalene	3330	2240	67	63-102	
2-Nitroaniline	3330	1820	55	46-113	
2,6-Dinitrotoluene	3330	2490	75	63-112	
Dimethyl phthalate	3330	2420	73	64-108	
Acenaphthylene	3330	2360	71	63-102	
3-Nitroaniline	3330	1580	47	23-89	
Acenaphthene	3330	2340	70	59-102	
4-Nitrophenol	6670	4510	68	45-125	
2,4-Dinitrophenol	6670	4710	71	26-137	
Dibenzofuran	3330	2340	70	62-102	
Diethyl phthalate	3330	2490	75	61-110	
Fluorene	3330	2350	70	65-108	
Fluoranthene	3330	2510	75	59-109	
Di-n-butyl phthalate	3330	2730	82	62-114	
2,4-Dinitrotoluene	3330	2630	79	61-118	
4-Chlorophenyl phenyl ether	3330	2410	72	63-107	
4-Nitroaniline	3330	2070	62	44-109	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: x8397.D

Lab ID: LCS 460-334425/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4,6-Dinitro-2-methylphenol	6670	5300	79	51-124	
4-Bromophenyl phenyl ether	3330	2830	85	65-114	
Anthracene	3330	2600	78	66-105	
Carbazole	3330	2520	76	62-107	
Phenanthrene	3330	2640	79	66-105	
Pentachlorophenol	6670	5240	79	47-115	
Pyrene	3330	2910	87	55-126	
Chrysene	3330	2680	80	64-105	
Benzo[k]fluoranthene	3330	2640	79	65-114	
Benzo[g,h,i]perylene	3330	2630	79	49-124	
Benzo[b]fluoranthene	3330	2790	84	67-116	
Benzo[a]pyrene	3330	2780	83	68-111	
Benzo[a]anthracene	3330	2570	77	65-106	
N-Nitrosodiphenylamine	6670	4470	67	71-119	*
Butyl benzyl phthalate	3330	2800	84	62-123	
Bis(2-ethylhexyl) phthalate	3330	2820	84	60-125	
Di-n-octyl phthalate	3330	2940	88	52-137	
Indeno[1,2,3-cd]pyrene	3330	2750	83	50-134	
Dibenz(a,h)anthracene	3330	2740	82	54-126	
3,3'-Dichlorobenzidine	3330	1450	43	18-92	
1,2,4,5-Tetrachlorobenzene	3330	2280	69	62-109	
2,3,4,6-Tetrachlorophenol	3330	2450	74	57-113	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: x8398.D

Lab ID: LCS 460-334425/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Benzaldehyde	6670	4960	74	55-116	
Caprolactam	6670	6580	99	44-129	
Atrazine	6670	6190	93	41-116	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M966510.D

Lab ID: LCSD 460-334367/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	80.0	28.3	35	13	30	14-50	
2-Chlorophenol	80.0	69.0	86	10	30	55-96	
2-Methylphenol	80.0	54.4	68	4	30	41-88	
4-Methylphenol	80.0	50.8	63	5	30	35-81	
Acetophenone	80.0	69.9	87	0	30	61-118	
Bis(2-chloroethyl)ether	80.0	62.9	79	0	30	60-104	
2,2'-oxybis[1-chloropropane]	80.0	70.2	88	4	30	48-107	
N-Nitrosodi-n-propylamine	80.0	66.1	83	1	30	57-120	
Nitrobenzene	80.0	75.3	94	4	30	66-105	
Hexachloroethane	80.0	57.1	71	6	30	44-91	
Isophorone	80.0	76.3	95	13	30	61-107	
2-Nitrophenol	80.0	81.7	102	13	30	72-105	
2,4-Dimethylphenol	80.0	69.6	87	7	30	65-104	
2,4-Dichlorophenol	80.0	80.1	100	10	30	70-103	
Bis(2-chloroethoxy)methane	80.0	74.9	94	6	30	68-109	
Naphthalene	80.0	64.7	81	5	30	61-100	
4-Chloroaniline	80.0	67.7	85	3	30	61-106	
Hexachlorobutadiene	80.0	59.3	74	6	30	47-100	
4-Chloro-3-methylphenol	80.0	69.1	86	4	30	58-109	
2-Methylnaphthalene	80.0	77.5	97	1	30	62-104	
Hexachlorobenzene	80.0	72.3	90	10	30	66-136	
Hexachlorocyclopentadiene	80.0	63.5	79	4	30	42-115	
2,4,6-Trichlorophenol	80.0	69.3	87	2	30	67-115	
2,4,5-Trichlorophenol	80.0	72.0	90	10	30	66-111	
Diphenyl	80.0	65.7	82	1	30	62-108	
2-Chloronaphthalene	80.0	66.3	83	3	30	62-105	
2-Nitroaniline	80.0	74.4	93	11	30	59-111	
2,6-Dinitrotoluene	80.0	74.1	93	7	30	69-112	
Dimethyl phthalate	80.0	70.7	88	0	30	68-111	
Acenaphthylene	80.0	69.9	87	4	30	67-110	
3-Nitroaniline	80.0	72.2	90	12	30	54-108	
Acenaphthene	80.0	71.7	90	0	30	55-110	
4-Nitrophenol	160	48.2	30	28	30	10-53	
2,4-Dinitrophenol	160	126	79	3	30	41-114	
Dibenzofuran	80.0	63.3	79	1	30	63-106	
Diethyl phthalate	80.0	91.3	114	4	30	62-115	
Fluorene	80.0	77.9	97	7	30	66-112	
Fluoranthene	80.0	79.4	99	3	30	65-125	
Di-n-butyl phthalate	80.0	85.2	106	7	30	66-127	
2,4-Dinitrotoluene	80.0	70.6	88	3	30	60-119	
4-Chlorophenyl phenyl ether	80.0	67.7	85	7	30	63-112	
4-Nitroaniline	80.0	80.3	100	17	30	42-128	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M966510.D

Lab ID: LCSD 460-334367/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4,6-Dinitro-2-methylphenol	160	157	98	6	30	72-125	
4-Bromophenyl phenyl ether	80.0	78.2	98	3	30	66-134	
Anthracene	80.0	77.3	97	4	30	76-113	
Carbazole	80.0	78.9	99	4	30	69-118	
Phenanthrene	80.0	74.8	93	12	30	76-116	
Pentachlorophenol	160	137	86	4	30	58-125	
Pyrene	80.0	74.7	93	6	30	57-120	
Chrysene	80.0	85.4	107	2	30	73-115	
Benzo[k]fluoranthene	80.0	72.9	91	2	30	70-120	
Benzo[g,h,i]perylene	80.0	88.4	110	18	30	66-144	
Benzo[b]fluoranthene	80.0	78.1	98	1	30	74-125	
Benzo[a]pyrene	80.0	81.0	101	1	30	75-122	
Benzo[a]anthracene	80.0	76.2	95	6	30	75-116	
N-Nitrosodiphenylamine	160	110	69	9	30	65-121	
Butyl benzyl phthalate	80.0	82.4	103	5	30	68-122	
Bis(2-ethylhexyl) phthalate	80.0	77.7	97	7	30	68-131	
Di-n-octyl phthalate	80.0	75.9	95	5	30	58-126	
Indeno[1,2,3-cd]pyrene	80.0	85.9	107	20	30	72-139	
Dibenz(a,h)anthracene	80.0	93.2	117	9	30	72-142	
3,3'-Dichlorobenzidine	80.0	86.9	109	8	30	71-132	
1,2,4,5-Tetrachlorobenzene	80.0	63.6	80	3	30	57-113	
2,3,4,6-Tetrachlorophenol	80.0	71.0	89	12	30	61-118	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M966512.D

Lab ID: LCSD 460-334367/5-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzaldehyde	160	120	75	2	30	56-114	
Caprolactam	160	32.4	20	10	30	10-45	
Atrazine	160	118	74	3	30	58-134	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: x8399.D

Lab ID: 460-104194-9 MS Client ID: PRA-18-NE MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	3530	11 U	1940	55	55-99	
2-Chlorophenol	3530	8.9 U	1880	53	58-95	F1
2-Methylphenol	3530	15 U	1960	55	56-99	F1
4-Methylphenol	3530	9.5 U	2030	58	53-103	
Benzaldehyde	7070	27 U	3420	48	55-116	F1
Acetophenone	3530	7.6 U	2110	60	56-107	
Bis(2-chloroethyl)ether	3530	8.2 U	2030	57	58-102	F1
2,2'-oxybis[1-chloropropane]	3530	14 U	1970	56	42-119	
N-Nitrosodi-n-propylamine	3530	12 U	2180	62	56-112	
Nitrobenzene	3530	11 U	1920	54	59-102	F1
Hexachloroethane	3530	13 U	1910	54	60-94	F1
Isophorone	3530	7.5 U	2240	63	60-102	
2-Nitrophenol	3530	12 U	1590	45	63-103	F1
2,4-Dimethylphenol	3530	77 U	1920	54	60-98	F1
2,4-Dichlorophenol	3530	8.2 U	1790	51	59-99	F1
Bis(2-chloroethoxy)methane	3530	11 U	2080	59	61-102	F1
Naphthalene	3530	8.9 U	2000	57	64-99	F1
4-Chloroaniline	3530	9.0 U	1400	40	10-82	
Hexachlorobutadiene	3530	9.8 U	2000	57	60-105	F1
Caprolactam	7070	25 U	2870	41	44-129	F1
4-Chloro-3-methylphenol	3530	15 U	2010	57	58-108	F1
2-Methylnaphthalene	3530	7.7 U	2110	60	64-102	F1
Hexachlorobenzene	3530	14 U	2280	65	65-117	
Hexachlorocyclopentadiene	3530	22 U	2040	58	37-119	
2,4,6-Trichlorophenol	3530	9.9 U	1570	45	61-107	F1
2,4,5-Trichlorophenol	3530	35 U	1390	39	59-105	F1
Diphenyl	3530	30 U	1850	52	64-103	F1
2-Chloronaphthalene	3530	7.9 U	1810	51	63-102	F1
2-Nitroaniline	3530	12 U	1870	53	46-113	
2,6-Dinitrotoluene	3530	19 U	2030	58	63-112	F1
Dimethyl phthalate	3530	10 U	1950	55	64-108	F1
Acenaphthylene	3530	9.0 U	1930	55	63-102	F1
3-Nitroaniline	3530	10 U	1610	46	23-89	
Acenaphthene	3530	8.5 U	1900	54	59-102	F1
4-Nitrophenol	7070	170 U	2730	39	45-125	F1
2,4-Dinitrophenol	7070	260 U	327	5	26-137	F1
Dibenzofuran	3530	11 U	1890	53	62-102	F1
Diethyl phthalate	3530	9.9 U	2000	56	61-110	F1
Fluorene	3530	7.6 U	1930	55	65-108	F1
Fluoranthene	3530	10 U	2050	58	59-109	F1
Di-n-butyl phthalate	3530	10 U	2140	61	62-114	F1
2,4-Dinitrotoluene	3530	14 U	2080	59	61-118	F1

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: x8399.D

Lab ID: 460-104194-9 MS Client ID: PRA-18-NE MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3530	10 U	1960	55	63-107	F1
4-Nitroaniline	3530	13 U	1760	50	44-109	
4,6-Dinitro-2-methylphenol	7070	93 U	665	9	51-124	F1
4-Bromophenyl phenyl ether	3530	11 U	2260	64	65-114	F1
Atrazine	7070	16 U	4370	62	41-116	
Anthracene	3530	33 U	2110	60	66-105	F1
Carbazole	3530	8.7 U	2030	57	62-107	F1
Phenanthrene	3530	9.3 U	2100	59	66-105	F1
Pentachlorophenol	7070	42 U	1270	18	47-115	F1
Pyrene	3530	16 U	2360	67	55-126	
Chrysene	3530	9.5 U	2200	62	64-105	F1
Benzo[k]fluoranthene	3530	15 U	2240	63	65-114	F1
Benzo[g,h,i]perylene	3530	20 U	2140	61	49-124	
Benzo[b]fluoranthene	3530	14 U	2310	65	67-116	F1
Benzo[a]pyrene	3530	11 U	2310	65	68-111	F1
Benzo[a]anthracene	3530	29 U	2110	60	65-106	F1
N-Nitrosodiphenylamine	7070	32 U	3540	50	71-119	F1
Butyl benzyl phthalate	3530	11 U	2220	63	62-123	
Bis(2-ethylhexyl) phthalate	3530	14 U	2250	64	60-125	
Di-n-octyl phthalate	3530	18 U	2400	68	52-137	
Indeno[1,2,3-cd]pyrene	3530	23 U	2210	63	50-134	
Dibenz(a,h)anthracene	3530	18 U	2170	61	54-126	
3,3'-Dichlorobenzidine	3530	39 U	1600	45	18-92	
1,2,4,5-Tetrachlorobenzene	3530	26 U	1840	52	62-109	F1
2,3,4,6-Tetrachlorophenol	3530	33 U	1170	33	57-113	F1

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: x8400.D

Lab ID: 460-104194-9 MSD Client ID: PRA-18-NE MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	3530	1890	53	3	30	55-99	F1
2-Chlorophenol	3530	1850	52	2	30	58-95	F1
2-Methylphenol	3530	1940	55	1	30	56-99	F1
4-Methylphenol	3530	1990	56	2	30	53-103	
Benzaldehyde	7060	3290	47	4	30	55-116	F1
Acetophenone	3530	2050	58	3	30	56-107	
Bis(2-chloroethyl)ether	3530	1970	56	3	30	58-102	F1
2,2'-oxybis[1-chloropropane]	3530	1920	54	3	30	42-119	
N-Nitrosodi-n-propylamine	3530	2120	60	3	30	56-112	
Nitrobenzene	3530	1930	55	0	30	59-102	F1
Hexachloroethane	3530	1880	53	2	30	60-94	F1
Isophorone	3530	2220	63	1	30	60-102	
2-Nitrophenol	3530	1680	47	6	30	63-103	F1
2,4-Dimethylphenol	3530	1890	53	2	30	60-98	F1
2,4-Dichlorophenol	3530	1810	51	1	30	59-99	F1
Bis(2-chloroethoxy)methane	3530	2060	58	1	30	61-102	F1
Naphthalene	3530	2000	57	0	30	64-99	F1
4-Chloroaniline	3530	1460	41	4	30	10-82	
Hexachlorobutadiene	3530	2020	57	1	30	60-105	F1
Caprolactam	7060	3230	46	12	30	44-129	
4-Chloro-3-methylphenol	3530	1980	56	1	30	58-108	F1
2-Methylnaphthalene	3530	2100	60	0	30	64-102	F1
Hexachlorobenzene	3530	2280	65	0	30	65-117	
Hexachlorocyclopentadiene	3530	2010	57	2	30	37-119	
2,4,6-Trichlorophenol	3530	1570	44	0	30	61-107	F1
2,4,5-Trichlorophenol	3530	1400	40	1	30	59-105	F1
Diphenyl	3530	1820	52	1	30	64-103	F1
2-Chloronaphthalene	3530	1800	51	1	30	63-102	F1
2-Nitroaniline	3530	1820	51	3	30	46-113	
2,6-Dinitrotoluene	3530	1980	56	3	30	63-112	F1
Dimethyl phthalate	3530	1940	55	0	30	64-108	F1
Acenaphthylene	3530	1890	54	2	30	63-102	F1
3-Nitroaniline	3530	1630	46	1	30	23-89	
Acenaphthene	3530	1870	53	2	30	59-102	F1
4-Nitrophenol	7060	2690	38	2	30	45-125	F1
2,4-Dinitrophenol	7060	300	4	9	30	26-137	F1
Dibenzofuran	3530	1870	53	1	30	62-102	F1
Diethyl phthalate	3530	1960	56	2	30	61-110	F1
Fluorene	3530	1920	54	1	30	65-108	F1
Fluoranthene	3530	2020	57	2	30	59-109	F1
Di-n-butyl phthalate	3530	2110	60	2	30	62-114	F1
2,4-Dinitrotoluene	3530	2010	57	3	30	61-118	F1

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: x8400.D

Lab ID: 460-104194-9 MSD Client ID: PRA-18-NE MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3530	1960	56	0	30	63-107	F1
4-Nitroaniline	3530	1700	48	3	30	44-109	
4,6-Dinitro-2-methylphenol	7060	518	7	25	30	51-124	F1
4-Bromophenyl phenyl ether	3530	2240	64	1	30	65-114	F1
Atrazine	7060	4430	63	1	30	41-116	
Anthracene	3530	2120	60	0	30	66-105	F1
Carbazole	3530	2020	57	0	30	62-107	F1
Phenanthrene	3530	2120	60	1	30	66-105	F1
Pentachlorophenol	7060	1230	17	3	30	47-115	F1
Pyrene	3530	2310	65	2	30	55-126	
Chrysene	3530	2120	60	4	30	64-105	F1
Benzo[k]fluoranthene	3530	2170	62	3	30	65-114	F1
Benzo[g,h,i]perylene	3530	2100	59	2	30	49-124	
Benzo[b]fluoranthene	3530	2240	64	3	30	67-116	F1
Benzo[a]pyrene	3530	2230	63	3	30	68-111	F1
Benzo[a]anthracene	3530	2050	58	3	30	65-106	F1
N-Nitrosodiphenylamine	7060	3580	51	1	30	71-119	F1
Butyl benzyl phthalate	3530	2140	61	3	30	62-123	F1
Bis(2-ethylhexyl) phthalate	3530	2180	62	3	30	60-125	
Di-n-octyl phthalate	3530	2300	65	4	30	52-137	
Indeno[1,2,3-cd]pyrene	3530	2170	61	2	30	50-134	
Dibenz(a,h)anthracene	3530	2150	61	1	30	54-126	
3,3'-Dichlorobenzidine	3530	1600	45	0	30	18-92	
1,2,4,5-Tetrachlorobenzene	3530	1810	51	1	30	62-109	F1
2,3,4,6-Tetrachlorophenol	3530	1190	34	2	30	57-113	F1

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab File ID: M966505.D Lab Sample ID: MB 460-334367/1-A

Matrix: Water Date Extracted: 11/10/2015 11:08

Instrument ID: CBNAMS6 Date Analyzed: 11/12/2015 13:59

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-334367/2-A	M966492.D	11/12/2015 03:56
	LCSD 460-334367/3-A	M966510.D	11/12/2015 15:43
	LCS 460-334367/4-A	M966511.D	11/12/2015 16:04
	LCSD 460-334367/5-A	M966512.D	11/12/2015 16:26
FB-20151106	460-104194-23	M966525.D	11/12/2015 21:02

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab File ID: x8402.D Lab Sample ID: MB 460-334425/1-A

Matrix: Solid Date Extracted: 11/10/2015 14:09

Instrument ID: CBNAMS5 Date Analyzed: 11/11/2015 06:01

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-334425/2-A	x8397.D	11/11/2015 04:01
	LCS 460-334425/3-A	x8398.D	11/11/2015 04:25
PRA-18-NE MS	460-104194-9 MS	x8399.D	11/11/2015 04:49
PRA-18-NE MSD	460-104194-9 MSD	x8400.D	11/11/2015 05:13
PRA-25S_1.75	460-104194-1	x8403.D	11/11/2015 06:26
PRA-25S 8.25	460-104194-3	x8405.D	11/11/2015 07:14
PRA-25S 11.25	460-104194-4	x8406.D	11/11/2015 07:38
PRA-18 S	460-104194-6	x8407.D	11/11/2015 08:02
PRA-10 W	460-104194-7	x8408.D	11/11/2015 08:27
PRA-18-SE	460-104194-8	x8409.D	11/11/2015 08:51
DUP-2015_11_06_01	460-104194-20	x8410.D	11/11/2015 09:14
PRA-20-N	460-104194-10	x8412.D	11/11/2015 10:02
PRA-23 NW	460-104194-5	x8415.D	11/11/2015 11:15
PRA-25S-3.75	460-104194-2	z38498.D	11/11/2015 12:52
PRA-18-NE	460-104194-9	L127929.D	11/12/2015 18:27

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab File ID: z38184.D DFTPP Injection Date: 11/02/2015

Instrument ID: CBNAMS11 DFTPP Injection Time: 14:57

Analysis Batch No.: 332733

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	52.7	
68	Less than 2.0 % of mass 69	0.7	(1.8)1
69	Mass 69 relative abundance	40.1	
70	Less than 2.0 % of mass 69	0.6	(1.5)1
127	40.0 - 60.0 % of mass 198	47.2	
197	Less than 1.0 % of mass 198	0.6	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.9	
275	10.0 - 30.0 % of mass 198	26.4	
365	Greater than 1.0 % of mass 198	3.7	
441	Present but less than mass 443	14.6	(78.5)3
442	Greater than 40.0 % of mass 198	97.6	
443	17.0 - 23.0 % of mass 442	18.6	(19.0)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-332733/2	z38185.D	11/02/2015	15:12
	STD120 460-332733/3	z38186.D	11/02/2015	15:43
	STD80 460-332733/4	z38187.D	11/02/2015	16:06
	STD20 460-332733/5	z38188.D	11/02/2015	16:29
	STD10 460-332733/6	z38189.D	11/02/2015	16:53
	STD5 460-332733/7	z38190.D	11/02/2015	17:16
	STD2 460-332733/8	z38191.D	11/02/2015	17:40
	STD1 460-332733/9	z38192.D	11/02/2015	18:03
	STD05 460-332733/10	z38193.D	11/02/2015	18:27
	STD50 460-332733/11	z38194.D	11/02/2015	18:50
	STD120 460-332733/12	z38195.D	11/02/2015	19:14
	STD080 460-332733/13	z38196.D	11/02/2015	19:37
	STD020 460-332733/14	z38197.D	11/02/2015	20:00
	STD010 460-332733/15	z38198.D	11/02/2015	20:24
	STD5 460-332733/16	z38199.D	11/02/2015	20:48
	STD2 460-332733/17	z38200.D	11/02/2015	21:11

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab File ID: z38471.D DFTPP Injection Date: 11/11/2015

Instrument ID: CBNAMS11 DFTPP Injection Time: 02:23

Analysis Batch No.: 334543

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	56.7	
68	Less than 2.0 % of mass 69	0.7	(1.7)1
69	Mass 69 relative abundance	42.5	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	51.7	
197	Less than 1.0 % of mass 198	0.9	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.8	
275	10.0 - 30.0 % of mass 198	26.7	
365	Greater than 1.0 % of mass 198	3.2	
441	Present but less than mass 443	13.2	(83.1)3
442	Greater than 40.0 % of mass 198	88.8	
443	17.0 - 23.0 % of mass 442	15.9	(17.9)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-334543/2	z38472.D	11/11/2015	02:38
	CCV 460-334543/3	z38473.D	11/11/2015	03:04
PRA-25S-3.75	460-104194-2	z38498.D	11/11/2015	12:52

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab File ID: L127022.D DFTPP Injection Date: 10/19/2015

Instrument ID: CBNAMS12 DFTPP Injection Time: 14:04

Analysis Batch No.: 329806

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	53.2	
68	Less than 2.0 % of mass 69	0.9	(2.0)1
69	Mass 69 relative abundance	44.0	
70	Less than 2.0 % of mass 69	0.2	(0.5)1
127	40.0 - 60.0 % of mass 198	52.6	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.6	
275	10.0 - 30.0 % of mass 198	27.8	
365	Greater than 1.0 % of mass 198	4.0	
441	Present but less than mass 443	12.9	(74.7)3
442	Greater than 40.0 % of mass 198	88.3	
443	17.0 - 23.0 % of mass 442	17.3	(19.6)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-329806/2	L127023.D	10/19/2015	14:24
	STD120 460-329806/3	L127024.D	10/19/2015	14:49
	STD80 460-329806/4	L127025.D	10/19/2015	15:14
	STD20 460-329806/5	L127026.D	10/19/2015	15:39
	STD10 460-329806/6	L127027.D	10/19/2015	16:04
	STD5 460-329806/7	L127028.D	10/19/2015	16:29
	STD2 460-329806/8	L127029.D	10/19/2015	16:54
	STD1 460-329806/9	L127030.D	10/19/2015	17:20
	STD05 460-329806/10	L127031.D	10/19/2015	17:45
	STD50 460-329806/11	L127032.D	10/19/2015	18:10
	STD120 460-329806/12	L127033.D	10/19/2015	18:35
	STD080 460-329806/13	L127034.D	10/19/2015	19:00
	STD020 460-329806/14	L127035.D	10/19/2015	19:25
	STD010 460-329806/15	L127036.D	10/19/2015	19:51
	STD5 460-329806/16	L127037.D	10/19/2015	20:16
	STD2 460-329806/17	L127038.D	10/19/2015	20:41

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab File ID: L127922.D DFTPP Injection Date: 11/12/2015

Instrument ID: CBNAMS12 DFTPP Injection Time: 15:31

Analysis Batch No.: 335005

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	46.2	
68	Less than 2.0 % of mass 69	0.5	(1.3)1
69	Mass 69 relative abundance	41.5	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	50.9	
197	Less than 1.0 % of mass 198	0.2	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.0	
275	10.0 - 30.0 % of mass 198	27.0	
365	Greater than 1.0 % of mass 198	3.7	
441	Present but less than mass 443	12.7	(77.7)3
442	Greater than 40.0 % of mass 198	85.6	
443	17.0 - 23.0 % of mass 442	16.4	(19.2)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-335005/2	L127923.D	11/12/2015	15:50
	CCV 460-335005/3	L127924.D	11/12/2015	16:16
PRA-18-NE	460-104194-9	L127929.D	11/12/2015	18:27

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab File ID: x8322.D DFTPP Injection Date: 11/08/2015

Instrument ID: CBNAMS5 DFTPP Injection Time: 14:09

Analysis Batch No.: 333983

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	45.7	
68	Less than 2.0 % of mass 69	0.5	(1.0)1
69	Mass 69 relative abundance	47.6	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	54.8	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.7	
275	10.0 - 30.0 % of mass 198	27.2	
365	Greater than 1.0 % of mass 198	3.2	
441	Present but less than mass 443	11.0	(72.1)3
442	Greater than 40.0 % of mass 198	76.2	
443	17.0 - 23.0 % of mass 442	15.2	(20.0)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-333983/2	x8323.D	11/08/2015	14:39
	STD120 460-333983/3	x8324.D	11/08/2015	15:27
	STD80 460-333983/4	x8325.D	11/08/2015	15:51
	STD20 460-333983/5	x8326.D	11/08/2015	16:16
	STD10 460-333983/6	x8327.D	11/08/2015	16:40
	STD5 460-333983/7	x8328.D	11/08/2015	17:04
	STD2 460-333983/8	x8329.D	11/08/2015	17:28
	STD1 460-333983/9	x8330.D	11/08/2015	17:52
	STD05 460-333983/10	x8331.D	11/08/2015	18:16
	STD50 460-333983/11	x8332.D	11/08/2015	18:40
	STD120 460-333983/12	x8333.D	11/08/2015	19:04
	STD080 460-333983/13	x8334.D	11/08/2015	19:28
	STD020 460-333983/14	x8335.D	11/08/2015	19:52
	STD010 460-333983/15	x8336.D	11/08/2015	20:17
	STD5 460-333983/16	x8337.D	11/08/2015	20:41
	STD2 460-333983/17	x8338.D	11/08/2015	21:05

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab File ID: x8393.D DFTPP Injection Date: 11/11/2015

Instrument ID: CBNAMS5 DFTPP Injection Time: 02:22

Analysis Batch No.: 334538

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	40.7	
68	Less than 2.0 % of mass 69	0.6	(1.4)1
69	Mass 69 relative abundance	41.3	
70	Less than 2.0 % of mass 69	0.3	(0.7)1
127	40.0 - 60.0 % of mass 198	51.0	
197	Less than 1.0 % of mass 198	0.2	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.7	
275	10.0 - 30.0 % of mass 198	27.0	
365	Greater than 1.0 % of mass 198	3.4	
441	Present but less than mass 443	12.3	(71.4)3
442	Greater than 40.0 % of mass 198	87.8	
443	17.0 - 23.0 % of mass 442	17.3	(19.7)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-334538/2	x8394.D	11/11/2015	02:40
	CCV 460-334538/3	x8395.D	11/11/2015	03:08
	LCS 460-334425/2-A	x8397.D	11/11/2015	04:01
	LCS 460-334425/3-A	x8398.D	11/11/2015	04:25
PRA-18-NE MS	460-104194-9 MS	x8399.D	11/11/2015	04:49
PRA-18-NE MSD	460-104194-9 MSD	x8400.D	11/11/2015	05:13
	MB 460-334425/1-A	x8402.D	11/11/2015	06:01
PRA-25S_1.75	460-104194-1	x8403.D	11/11/2015	06:26
PRA-25S 8.25	460-104194-3	x8405.D	11/11/2015	07:14
PRA-25S 11.25	460-104194-4	x8406.D	11/11/2015	07:38
PRA-18 S	460-104194-6	x8407.D	11/11/2015	08:02
PRA-10 W	460-104194-7	x8408.D	11/11/2015	08:27
PRA-18-SE	460-104194-8	x8409.D	11/11/2015	08:51
DUP-2015_11_06_01	460-104194-20	x8410.D	11/11/2015	09:14
PRA-20-N	460-104194-10	x8412.D	11/11/2015	10:02
PRA-23 NW	460-104194-5	x8415.D	11/11/2015	11:15

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab File ID: M965828.D DFTPP Injection Date: 10/29/2015

Instrument ID: CBNAMS6 DFTPP Injection Time: 16:23

Analysis Batch No.: 332084

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	45.5	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	59.5	
70	Less than 2.0 % of mass 69	0.1	(0.2)1
127	40.0 - 60.0 % of mass 198	44.1	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.8	
275	10.0 - 30.0 % of mass 198	22.5	
365	Greater than 1.0 % of mass 198	3.0	
441	Present but less than mass 443	13.0	(85.3)3
442	Greater than 40.0 % of mass 198	76.7	
443	17.0 - 23.0 % of mass 442	15.2	(19.8)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD10 460-332084/10	M965837.D	10/29/2015	22:18
	STD24 460-332084/11	M965838.D	10/29/2015	22:39
	STD16 460-332084/12	M965839.D	10/29/2015	23:00
	STD4 460-332084/13	M965840.D	10/29/2015	23:21
	STD2 460-332084/14	M965841.D	10/29/2015	23:43
	STD1 460-332084/15	M965842.D	10/30/2015	00:04
	STD02 460-332084/16	M965843.D	10/30/2015	00:25

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab File ID: M966460.D DFTPP Injection Date: 11/11/2015

Instrument ID: CBNAMS6 DFTPP Injection Time: 16:39

Analysis Batch No.: 334749

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	49.2	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	66.7	
70	Less than 2.0 % of mass 69	0.3	(0.4)1
127	40.0 - 60.0 % of mass 198	44.6	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.6	
275	10.0 - 30.0 % of mass 198	20.1	
365	Greater than 1.0 % of mass 198	2.7	
441	Present but less than mass 443	12.6	(86.1)3
442	Greater than 40.0 % of mass 198	76.9	
443	17.0 - 23.0 % of mass 442	14.6	(19.0)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-334749/2	M966461.D	11/11/2015	16:58
	STD24 460-334749/3	M966462.D	11/11/2015	17:19
	STD16 460-334749/4	M966463.D	11/11/2015	17:40
	STD4 460-334749/5	M966464.D	11/11/2015	18:02
	STD2 460-334749/6	M966465.D	11/11/2015	18:23
	STD1 460-334749/7	M966466.D	11/11/2015	18:44
	STD02 460-334749/8	M966467.D	11/11/2015	19:05
	STD01 460-334749/9	M966468.D	11/11/2015	19:26
	ICV 460-334749/10	M966469.D	11/11/2015	19:48
	LCS 460-334367/2-A	M966492.D	11/12/2015	03:56

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab File ID: M966495.D DFTPP Injection Date: 11/12/2015

Instrument ID: CBNAMS6 DFTPP Injection Time: 09:28

Analysis Batch No.: 334836

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	51.2	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	71.5	
70	Less than 2.0 % of mass 69	0.3	(0.4)1
127	40.0 - 60.0 % of mass 198	46.5	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.6	
275	10.0 - 30.0 % of mass 198	19.0	
365	Greater than 1.0 % of mass 198	2.7	
441	Present but less than mass 443	11.0	(85.2)3
442	Greater than 40.0 % of mass 198	67.0	
443	17.0 - 23.0 % of mass 442	13.0	(19.4)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-334836/2	M966496.D	11/12/2015	09:54
	CCV 460-334836/3	M966497.D	11/12/2015	10:46
	MB 460-334367/1-A	M966505.D	11/12/2015	13:59
	LCSD 460-334367/3-A	M966510.D	11/12/2015	15:43
	LCS 460-334367/4-A	M966511.D	11/12/2015	16:04
	LCSD 460-334367/5-A	M966512.D	11/12/2015	16:26
FB-20151106	460-104194-23	M966525.D	11/12/2015	21:02

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Sample No.: CCVIS 460-334543/2 Date Analyzed: 11/11/2015 02:38

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): z38472.D Heated Purge: (Y/N) N

Calibration ID: 53098

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		127490	4.17	417090	5.46	162839	7.21
UPPER LIMIT		254980	4.67	834180	5.96	325678	7.71
LOWER LIMIT		63745	3.67	208545	4.96	81420	6.71
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-104194-2	PRA-25S-3.75	109562	4.16	316368	5.45	105234	7.21

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Sample No.: CCVIS 460-334543/2 Date Analyzed: 11/11/2015 02:38

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): z38472.D Heated Purge: (Y/N) N

Calibration ID: 53098

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		216677	8.69	113632	11.43	81447	13.33
UPPER LIMIT		433354	9.19	227264	11.93	162894	13.83
LOWER LIMIT		108339	8.19	56816	10.93	40724	12.83
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-104194-2	PRA-25S-3.75	109696	8.68	114020	11.43	123536	13.34

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Sample No.: CCVIS 460-335005/2 Date Analyzed: 11/12/2015 15:50

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): L127923.D Heated Purge: (Y/N) N

Calibration ID: 52867

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		146263	4.35	495610	5.64	207214	7.39
UPPER LIMIT		292526	4.85	991220	6.14	414428	7.89
LOWER LIMIT		73132	3.85	247805	5.14	103607	6.89
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-104194-9	PRA-18-NE	174448	4.34	629412	5.63	308148	7.39

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Sample No.: CCVIS 460-335005/2 Date Analyzed: 11/12/2015 15:50

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): L127923.D Heated Purge: (Y/N) N

Calibration ID: 52867

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		301766	8.85	188990	11.58	170832	13.45
UPPER LIMIT		603532	9.35	377980	12.08	341664	13.95
LOWER LIMIT		150883	8.35	94495	11.08	85416	12.95
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-104194-9	PRA-18-NE	407516	8.85	232779	11.57	183975	13.45

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Sample No.: CCVIS 460-334538/2 Date Analyzed: 11/11/2015 02:40

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): x8394.D Heated Purge: (Y/N) N

Calibration ID: 53183

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		146181	4.34	509909	5.62	205250	7.37
UPPER LIMIT		292362	4.84	1019818	6.12	410500	7.87
LOWER LIMIT		73091	3.84	254955	5.12	102625	6.87
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-334425/2-A		218265	4.34	809723	5.62	377718	7.37
LCS 460-334425/3-A		189419	4.34	729004	5.62	365636	7.36
460-104194-9 MS	PRA-18-NE MS	196230	4.34	730400	5.62	344358	7.37
460-104194-9 MSD	PRA-18-NE MSD	195168	4.34	711276	5.62	338714	7.37
MB 460-334425/1-A		153533	4.33	580247	5.61	290971	7.36
460-104194-1	PRA-25S_1.75	195188	4.34	730394	5.62	368904	7.36
460-104194-3	PRA-25S 8.25	196735	4.33	744747	5.62	369693	7.36
460-104194-4	PRA-25S 11.25	195251	4.34	729037	5.62	361292	7.36
460-104194-6	PRA-18 S	205946	4.33	771028	5.62	384363	7.36
460-104194-7	PRA-10 W	183357	4.33	668838	5.61	308444	7.36
460-104194-8	PRA-18-SE	191372	4.34	714693	5.62	353320	7.36
460-104194-20	DUP-2015_11_06_01	180609	4.34	674953	5.62	337810	7.36
460-104194-10	PRA-20-N	180416	4.33	653999	5.62	300167	7.36
460-104194-5	PRA-23 NW	172627	4.33	619859	5.62	270666	7.36

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Sample No.: CCVIS 460-334538/2 Date Analyzed: 11/11/2015 02:40

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): x8394.D Heated Purge: (Y/N) N

Calibration ID: 53183

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		269252	8.83	140066	11.60	96915	13.52
UPPER LIMIT		538504	9.33	280132	12.10	193830	14.02
LOWER LIMIT		134626	8.33	70033	11.10	48458	13.02
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-334425/2-A		458871	8.83	220572	11.60	150368	13.52
LCS 460-334425/3-A		486804	8.83	254761	11.59	162572	13.52
460-104194-9 MS	PRA-18-NE MS	426153	8.83	206542	11.59	138376	13.52
460-104194-9 MSD	PRA-18-NE MSD	414481	8.83	205907	11.59	138111	13.52
MB 460-334425/1-A		390981	8.83	203290	11.59	128155	13.52
460-104194-1	PRA-25S_1.75	495993	8.83	245369	11.59	155765	13.52
460-104194-3	PRA-25S 8.25	485166	8.83	246823	11.59	155980	13.52
460-104194-4	PRA-25S 11.25	473816	8.83	225704	11.59	139968	13.52
460-104194-6	PRA-18 S	505077	8.83	261574	11.59	162529	13.52
460-104194-7	PRA-10 W	378331	8.83	187019	11.59	129026	13.52
460-104194-8	PRA-18-SE	458238	8.83	215875	11.59	137184	13.52
460-104194-20	DUP-2015_11_06_01	447146	8.83	211176	11.59	134378	13.52
460-104194-10	PRA-20-N	350804	8.83	176566	11.59	125202	13.52
460-104194-5	PRA-23 NW	293195	8.83	141382	11.59	113213	13.52

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Sample No.: ICIS 460-334749/2 Date Analyzed: 11/11/2015 16:58

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M966461.D Heated Purge: (Y/N) N

Calibration ID: 53228

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		715987	4.26	2312506	5.54	1122611	7.30
UPPER LIMIT		1431974	4.76	4625012	6.04	2245222	7.80
LOWER LIMIT		357994	3.76	1156253	5.04	561306	6.80
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-334749/10		687963	4.25	2221811	5.54	1188538	7.30
LCS 460-334367/2-A		660764	4.25	2158454	5.54	1159591	7.30

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Sample No.: ICIS 460-334749/2 Date Analyzed: 11/11/2015 16:58

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M966461.D Heated Purge: (Y/N) N

Calibration ID: 53228

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1622070	8.76	1141976	11.50	1044565	13.39
UPPER LIMIT		3244140	9.26	2283952	12.00	2089130	13.89
LOWER LIMIT		811035	8.26	570988	11.00	522283	12.89
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-334749/10		1769186	8.76	1237665	11.49	1007060	13.39
LCS 460-334367/2-A		1544699	8.76	1067750	11.50	1188573	13.40

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Sample No.: CCVIS 460-334836/2 Date Analyzed: 11/12/2015 09:54

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M966496.D Heated Purge: (Y/N) N

Calibration ID: 53228

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		650589	4.13	2110080	5.41	1007409	7.17
UPPER LIMIT		1301178	4.63	4220160	5.91	2014818	7.67
LOWER LIMIT		325295	3.63	1055040	4.91	503705	6.67
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-334367/1-A		697446	4.12	2278501	5.42	1278045	7.17
LCSD 460-334367/3-A		740700	4.13	2353172	5.42	1237264	7.17
LCS 460-334367/4-A		715415	4.13	2342560	5.42	1421613	7.17
LCSD 460-334367/5-A		775432	4.13	2372544	5.42	1345837	7.17
460-104194-23	FB-20151106	761858	4.13	2447449	5.41	1393163	7.17

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Sample No.: CCVIS 460-334836/2 Date Analyzed: 11/12/2015 09:54

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M966496.D Heated Purge: (Y/N) N

Calibration ID: 53228

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1608441	8.63	1164517	11.34	1093426	13.20
UPPER LIMIT		3216882	9.13	2329034	11.84	2186852	13.70
LOWER LIMIT		804221	8.13	582259	10.84	546713	12.70
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-334367/1-A		2047991	8.63	1558053	11.33	1252240	13.20
LCSD 460-334367/3-A		1925822	8.64	1368193	11.34	1349084	13.20
LCS 460-334367/4-A		2050183	8.63	1337102	11.34	1249064	13.19
LCSD 460-334367/5-A		2082187	8.63	1433030	11.34	1280726	13.20
460-104194-23	FB-20151106	1994608	8.63	1375574	11.33	1244526	13.19

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S_1.75 | Lab Sample ID: 460-104194-1

Matrix: Solid | Lab File ID: x8403.D

Analysis Method: 8270D | Date Collected: 11/06/2015 12:45

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0484(g) | Date Analyzed: 11/11/2015 06:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	12	U	350	12
95-57-8	2-Chlorophenol	9.0	U	350	9.0
95-48-7	2-Methylphenol	15	U	350	15
106-44-5	4-Methylphenol	9.6	U	350	9.6
100-52-7	Benzaldehyde	27	U	350	27
98-86-2	Acetophenone	7.7	U	350	7.7
111-44-4	Bis(2-chloroethyl)ether	8.3	U	35	8.3
108-60-1	2,2'-oxybis[1-chloropropane]	15	U	350	15
621-64-7	N-Nitrosodi-n-propylamine	12	U	35	12
98-95-3	Nitrobenzene	11	U	35	11
67-72-1	Hexachloroethane	13	U	35	13
78-59-1	Isophorone	7.6	U	140	7.6
88-75-5	2-Nitrophenol	12	U	350	12
105-67-9	2,4-Dimethylphenol	78	U	350	78
120-83-2	2,4-Dichlorophenol	8.3	U	140	8.3
111-91-1	Bis(2-chloroethoxy)methane	11	U	350	11
91-20-3	Naphthalene	9.0	U	350	9.0
106-47-8	4-Chloroaniline	9.1	U	350	9.1
87-68-3	Hexachlorobutadiene	10	U	72	10
105-60-2	Caprolactam	25	U	350	25
59-50-7	4-Chloro-3-methylphenol	15	U	350	15
91-57-6	2-Methylnaphthalene	7.8	U	350	7.8
118-74-1	Hexachlorobenzene	14	U	35	14
77-47-4	Hexachlorocyclopentadiene	22	U	350	22
88-06-2	2,4,6-Trichlorophenol	10	U	140	10
95-95-4	2,4,5-Trichlorophenol	35	U	350	35
92-52-4	Diphenyl	30	U	350	30
91-58-7	2-Chloronaphthalene	8.0	U	350	8.0
88-74-4	2-Nitroaniline	12	U	350	12
606-20-2	2,6-Dinitrotoluene	19	U	72	19
131-11-3	Dimethyl phthalate	10	U	350	10
208-96-8	Acenaphthylene	9.1	U	350	9.1
99-09-2	3-Nitroaniline	10	U	350	10
83-32-9	Acenaphthene	8.6	U	350	8.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S_1.75 | Lab Sample ID: 460-104194-1

Matrix: Solid | Lab File ID: x8403.D

Analysis Method: 8270D | Date Collected: 11/06/2015 12:45

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0484(g) | Date Analyzed: 11/11/2015 06:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	170	U	720	170
51-28-5	2,4-Dinitrophenol	270	U	280	270
132-64-9	Dibenzofuran	11	U	350	11
84-66-2	Diethyl phthalate	10	U	350	10
86-73-7	Fluorene	7.7	U	350	7.7
206-44-0	Fluoranthene	10	U	350	10
84-74-2	Di-n-butyl phthalate	11	U	350	11
121-14-2	2,4-Dinitrotoluene	14	U	72	14
7005-72-3	4-Chlorophenyl phenyl ether	11	U	350	11
100-01-6	4-Nitroaniline	13	U	350	13
534-52-1	4,6-Dinitro-2-methylphenol	94	U	280	94
101-55-3	4-Bromophenyl phenyl ether	11	U	350	11
1912-24-9	Atrazine	16	U	140	16
120-12-7	Anthracene	34	U	350	34
86-74-8	Carbazole	8.8	U	350	8.8
85-01-8	Phenanthrene	9.4	U	350	9.4
87-86-5	Pentachlorophenol	43	U	280	43
129-00-0	Pyrene	16	U	350	16
218-01-9	Chrysene	9.6	U	350	9.6
207-08-9	Benzo[k]fluoranthene	15	U	35	15
191-24-2	Benzo[g,h,i]perylene	20	U	350	20
205-99-2	Benzo[b]fluoranthene	14	U	35	14
50-32-8	Benzo[a]pyrene	11	U	35	11
56-55-3	Benzo[a]anthracene	30	U	35	30
86-30-6	N-Nitrosodiphenylamine	32	U *	350	32
85-68-7	Butyl benzyl phthalate	11	U	350	11
117-81-7	Bis(2-ethylhexyl) phthalate	21	J	350	14
117-84-0	Di-n-octyl phthalate	18	U	350	18
193-39-5	Indeno[1,2,3-cd]pyrene	24	U	35	24
53-70-3	Dibenz(a,h)anthracene	18	U	35	18
91-94-1	3,3'-Dichlorobenzidine	39	U	140	39
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	350	26
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	350	33

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S_1.75 | Lab Sample ID: 460-104194-1

Matrix: Solid | Lab File ID: x8403.D

Analysis Method: 8270D | Date Collected: 11/06/2015 12:45

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0484(g) | Date Analyzed: 11/11/2015 06:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	64		28-92
4165-62-2	Phenol-d5	60		22-88
1718-51-0	Terphenyl-d14	81		16-114
118-79-6	2,4,6-Tribromophenol	54		10-95
367-12-4	2-Fluorophenol	59		21-84
321-60-8	2-Fluorobiphenyl	56		27-84

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S_1.75 | Lab Sample ID: 460-104194-1

Matrix: Solid | Lab File ID: x8403.D

Analysis Method: 8270D | Date Collected: 11/06/2015 12:45

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0484(g) | Date Analyzed: 11/11/2015 06:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8403.D
Lims ID: 460-104194-F-1-A Lab Sample ID: 460-104194-1
Client ID: PRA-25S_1.75
Sample Type: Client
Inject. Date: 11-Nov-2015 06:26:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034083-011
Operator ID: Instrument ID: CBNAMS5

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 23:52:38 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: manlangitf Date: 11-Nov-2015 06:49:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.098	3.057	0.041	97	193097	29.3	
$ 6 Phenol-d5	99	3.975	3.993	-0.018	86	225088	30.1	
* 14 1,4-Dichlorobenzene-d4	152	4.339	4.334	0.005	95	195188	40.0	
$ 26 Nitrobenzene-d5	82	4.887	4.898	-0.012	86	203993	32.2	
* 38 Naphthalene-d8	136	5.616	5.616	0.000	99	730394	40.0	
$ 51 2-Fluorobiphenyl	172	6.698	6.698	0.000	98	417178	28.1	
* 65 Acenaphthene-d10	164	7.363	7.363	0.000	92	368904	40.0	
$ 80 2,4,6-Tribromophenol	330	8.139	8.145	-0.006	93	39720	27.1	
* 88 Phenanthrene-d10	188	8.827	8.828	-0.001	99	495993	40.0	
$ 96 Terphenyl-d14	244	10.404	10.404	0.000	99	275114	40.5	
* 102 Chrysene-d12	240	11.592	11.592	0.000	99	245369	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.621	11.622	-0.001	89	1492	0.2985	
* 109 Perylene-d12	264	13.515	13.521	-0.006	98	155765	40.0	

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

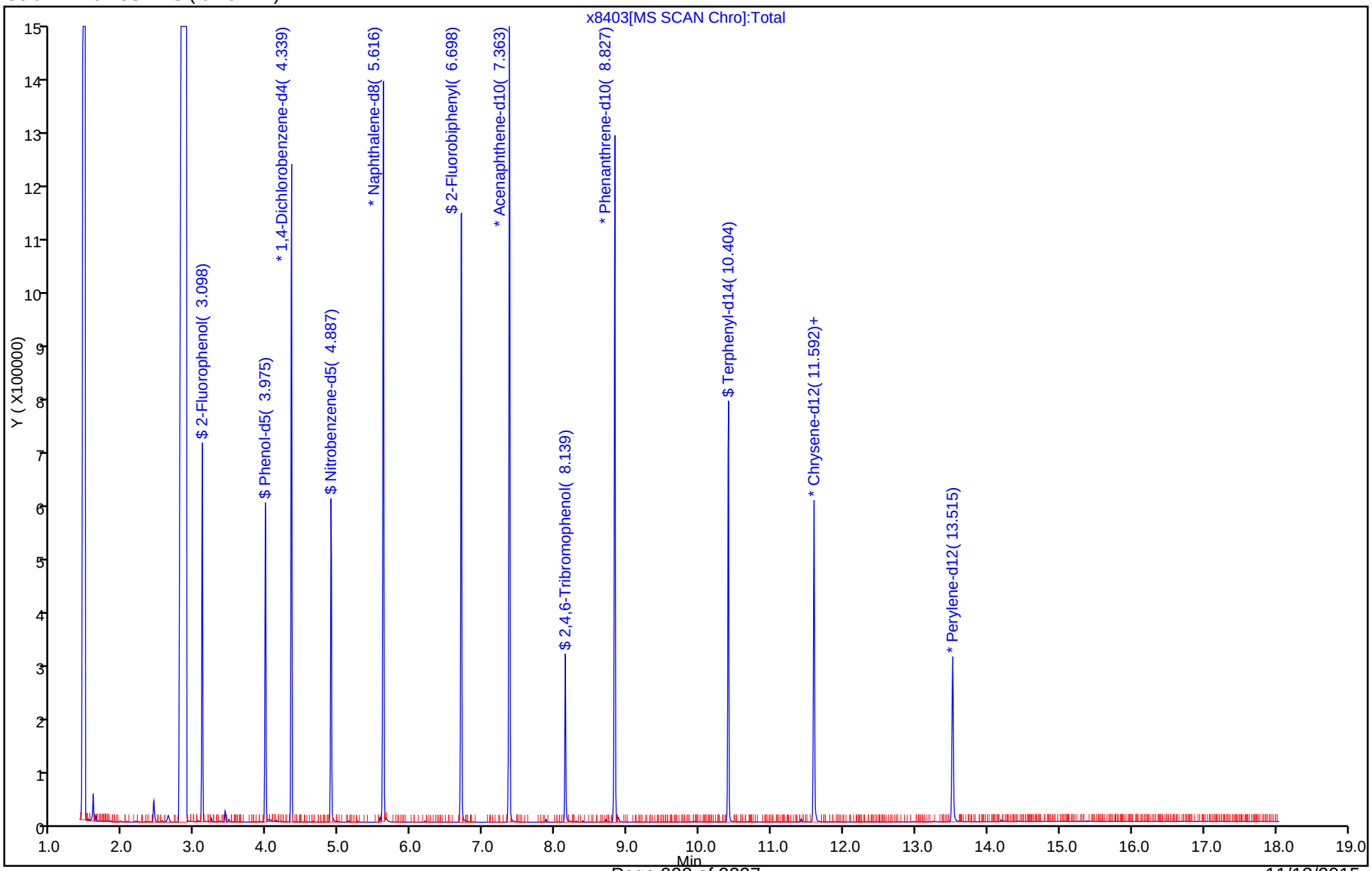
Report Date: 11-Nov-2015 23:53:10 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8403.D

Injection Date:	11-Nov-2015 06:26:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	460-104194-F-1-A	Lab Sample ID:	460-104194-1	Worklist Smp#:	11
Client ID:	PRA-25S_1.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

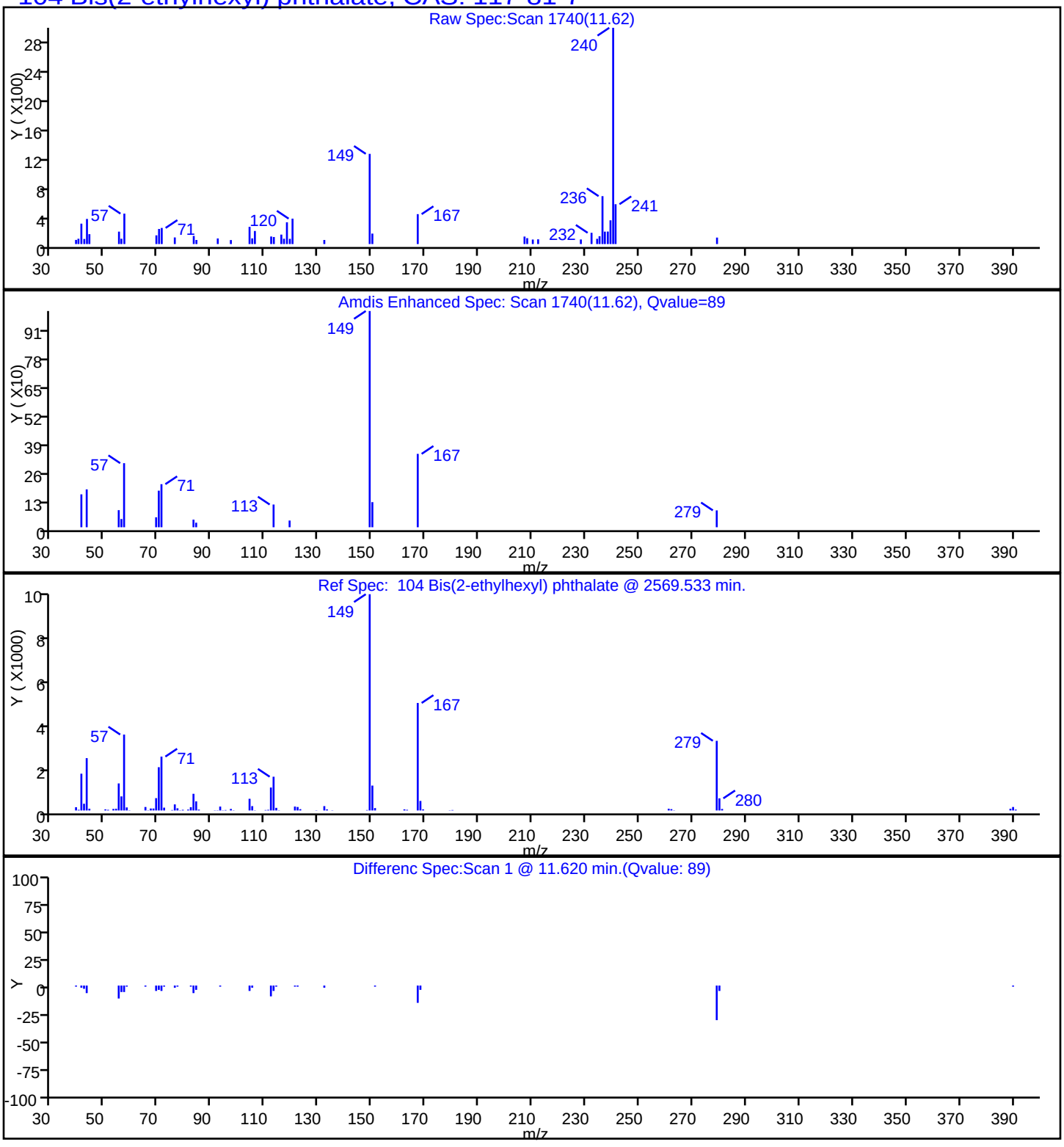
Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8403.D				
Injection Date:	11-Nov-2015 06:26:30	Instrument ID:	CBNAMS5		
Lims ID:	460-104194-F-1-A	Lab Sample ID:	460-104194-1		
Client ID:	PRA-25S_1.75				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S-3.75 | Lab Sample ID: 460-104194-2

Matrix: Solid | Lab File ID: z38498.D

Analysis Method: 8270D | Date Collected: 11/06/2015 12:47

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0112(g) | Date Analyzed: 11/11/2015 12:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334543 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	11	U	350	11
95-57-8	2-Chlorophenol	8.8	U	350	8.8
95-48-7	2-Methylphenol	15	U	350	15
106-44-5	4-Methylphenol	9.5	U	350	9.5
100-52-7	Benzaldehyde	27	U	350	27
98-86-2	Acetophenone	7.6	U	350	7.6
111-44-4	Bis(2-chloroethyl)ether	8.2	U	35	8.2
108-60-1	2,2'-oxybis[1-chloropropane]	14	U	350	14
621-64-7	N-Nitrosodi-n-propylamine	12	U	35	12
98-95-3	Nitrobenzene	11	U	35	11
67-72-1	Hexachloroethane	13	U	35	13
78-59-1	Isophorone	7.5	U	140	7.5
88-75-5	2-Nitrophenol	12	U	350	12
105-67-9	2,4-Dimethylphenol	77	U	350	77
120-83-2	2,4-Dichlorophenol	8.2	U	140	8.2
111-91-1	Bis(2-chloroethoxy)methane	11	U	350	11
91-20-3	Naphthalene	8.8	U	350	8.8
106-47-8	4-Chloroaniline	9.0	U	350	9.0
87-68-3	Hexachlorobutadiene	9.8	U	71	9.8
105-60-2	Caprolactam	25	U	350	25
59-50-7	4-Chloro-3-methylphenol	15	U	350	15
91-57-6	2-Methylnaphthalene	7.7	U	350	7.7
118-74-1	Hexachlorobenzene	14	U	35	14
77-47-4	Hexachlorocyclopentadiene	22	U	350	22
88-06-2	2,4,6-Trichlorophenol	9.9	U	140	9.9
95-95-4	2,4,5-Trichlorophenol	35	U	350	35
92-52-4	Diphenyl	30	U	350	30
91-58-7	2-Chloronaphthalene	7.9	U	350	7.9
88-74-4	2-Nitroaniline	11	U	350	11
606-20-2	2,6-Dinitrotoluene	19	U	71	19
131-11-3	Dimethyl phthalate	10	U	350	10
208-96-8	Acenaphthylene	9.0	U	350	9.0
99-09-2	3-Nitroaniline	10	U	350	10
83-32-9	Acenaphthene	8.4	U	350	8.4

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S-3.75 | Lab Sample ID: 460-104194-2

Matrix: Solid | Lab File ID: z38498.D

Analysis Method: 8270D | Date Collected: 11/06/2015 12:47

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0112(g) | Date Analyzed: 11/11/2015 12:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334543 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	170	U	710	170
51-28-5	2,4-Dinitrophenol	260	U	280	260
132-64-9	Dibenzofuran	11	U	350	11
84-66-2	Diethyl phthalate	9.9	U	350	9.9
86-73-7	Fluorene	7.6	U	350	7.6
206-44-0	Fluoranthene	10	U	350	10
84-74-2	Di-n-butyl phthalate	10	U	350	10
121-14-2	2,4-Dinitrotoluene	14	U	71	14
7005-72-3	4-Chlorophenyl phenyl ether	10	U	350	10
100-01-6	4-Nitroaniline	13	U	350	13
534-52-1	4,6-Dinitro-2-methylphenol	93	U	280	93
101-55-3	4-Bromophenyl phenyl ether	11	U	350	11
1912-24-9	Atrazine	15	U	140	15
120-12-7	Anthracene	33	U	350	33
86-74-8	Carbazole	8.6	U	350	8.6
85-01-8	Phenanthrene	9.3	U	350	9.3
87-86-5	Pentachlorophenol	42	U	280	42
129-00-0	Pyrene	16	U	350	16
218-01-9	Chrysene	9.5	U	350	9.5
207-08-9	Benzo[k]fluoranthene	15	U	35	15
191-24-2	Benzo[g,h,i]perylene	20	U	350	20
205-99-2	Benzo[b]fluoranthene	14	U	35	14
50-32-8	Benzo[a]pyrene	11	U	35	11
56-55-3	Benzo[a]anthracene	29	U	35	29
86-30-6	N-Nitrosodiphenylamine	32	U *	350	32
85-68-7	Butyl benzyl phthalate	11	U	350	11
117-81-7	Bis(2-ethylhexyl) phthalate	33	J	350	14
117-84-0	Di-n-octyl phthalate	18	U	350	18
193-39-5	Indeno[1,2,3-cd]pyrene	23	U	35	23
53-70-3	Dibenz(a,h)anthracene	18	U	35	18
91-94-1	3,3'-Dichlorobenzidine	39	U	140	39
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	350	26
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	350	33

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S-3.75 | Lab Sample ID: 460-104194-2

Matrix: Solid | Lab File ID: z38498.D

Analysis Method: 8270D | Date Collected: 11/06/2015 12:47

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0112(g) | Date Analyzed: 11/11/2015 12:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334543 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	54		28-92
4165-62-2	Phenol-d5	41		22-88
1718-51-0	Terphenyl-d14	35		16-114
118-79-6	2,4,6-Tribromophenol	26		10-95
367-12-4	2-Fluorophenol	45		21-84
321-60-8	2-Fluorobiphenyl	54		27-84

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S-3.75 | Lab Sample ID: 460-104194-2

Matrix: Solid | Lab File ID: z38498.D

Analysis Method: 8270D | Date Collected: 11/06/2015 12:47

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0112(g) | Date Analyzed: 11/11/2015 12:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334543 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151111-34084.b\z38498.D
Lims ID: 460-104194-F-2-A Lab Sample ID: 460-104194-2
Client ID: PRA-25S-3.75
Sample Type: Client
Inject. Date: 11-Nov-2015 12:52:30 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034084-028
Operator ID: Instrument ID: CBNAMS11

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151111-34084.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 14:55:05 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: bayoumiw Date: 11-Nov-2015 23:31:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.914	2.885	0.029	91	79324	22.3	
$ 6 Phenol-d5	99	3.808	3.820	-0.012	86	89484	20.3	
* 14 1,4-Dichlorobenzene-d4	152	4.161	4.161	0.000	96	109562	40.0	
$ 26 Nitrobenzene-d5	82	4.720	4.732	-0.012	92	78775	27.2	
* 38 Naphthalene-d8	136	5.449	5.449	0.000	99	316368	40.0	
$ 51 2-Fluorobiphenyl	172	6.543	6.549	-0.006	98	117902	27.2	
* 65 Acenaphthene-d10	164	7.208	7.208	0.000	92	105234	40.0	
$ 80 2,4,6-Tribromophenol	330	7.990	8.002	-0.012	95	6285	13.1	
* 87 Phenanthrene-d10	188	8.678	8.679	-0.001	99	109696	40.0	
$ 96 Terphenyl-d14	244	10.261	10.261	0.000	99	60812	17.3	
* 102 Chrysene-d12	240	11.431	11.431	0.000	99	114020	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.467	11.467	0.000	88	1143	0.4682	
* 109 Perylene-d12	264	13.337	13.331	0.006	97	123536	40.0	

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

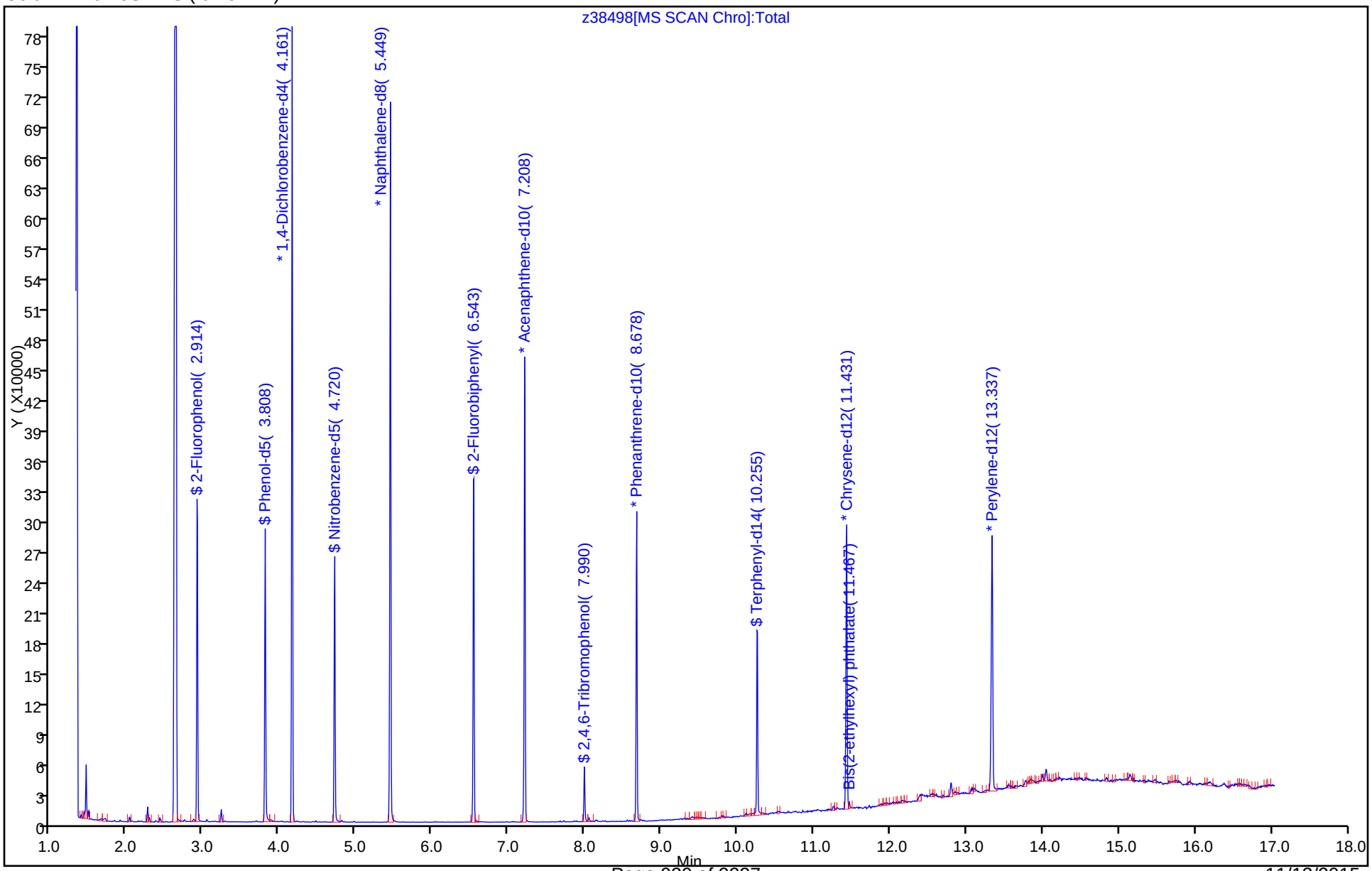
Report Date: 11-Nov-2015 23:32:00 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151111-34084.b\z38498.D

Injection Date:	11-Nov-2015 12:52:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	460-104194-F-2-A	Lab Sample ID:	460-104194-2	Worklist Smp#:	28
Client ID:	PRA-25S-3.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

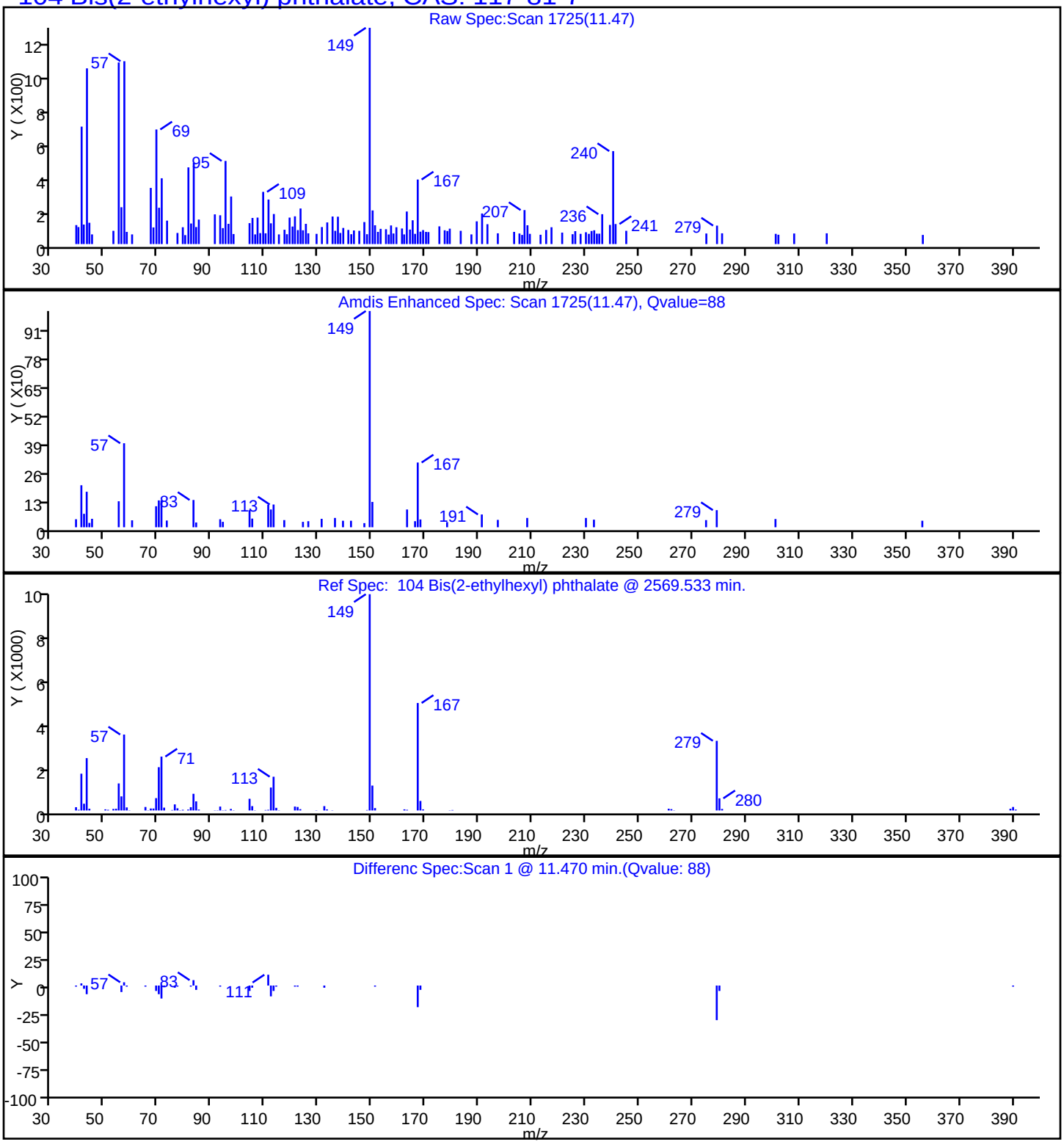
Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS11\20151111-34084.b\z38498.D				
Injection Date:	11-Nov-2015 12:52:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104194-F-2-A	Lab Sample ID:	460-104194-2		
Client ID:	PRA-25S-3.75				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S 8.25 | Lab Sample ID: 460-104194-3

Matrix: Solid | Lab File ID: x8405.D

Analysis Method: 8270D | Date Collected: 11/06/2015 12:49

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0134(g) | Date Analyzed: 11/11/2015 07:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	11	U	340	11
95-57-8	2-Chlorophenol	8.8	U	340	8.8
95-48-7	2-Methylphenol	15	U	340	15
106-44-5	4-Methylphenol	9.4	U	340	9.4
100-52-7	Benzaldehyde	26	U	340	26
98-86-2	Acetophenone	7.5	U	340	7.5
111-44-4	Bis(2-chloroethyl)ether	8.1	U	34	8.1
108-60-1	2,2'-oxybis[1-chloropropane]	14	U	340	14
621-64-7	N-Nitrosodi-n-propylamine	12	U	34	12
98-95-3	Nitrobenzene	11	U	34	11
67-72-1	Hexachloroethane	13	U	34	13
78-59-1	Isophorone	7.4	U	140	7.4
88-75-5	2-Nitrophenol	12	U	340	12
105-67-9	2,4-Dimethylphenol	76	U	340	76
120-83-2	2,4-Dichlorophenol	8.1	U	140	8.1
111-91-1	Bis(2-chloroethoxy)methane	11	U	340	11
91-20-3	Naphthalene	8.8	U	340	8.8
106-47-8	4-Chloroaniline	8.9	U	340	8.9
87-68-3	Hexachlorobutadiene	9.7	U	70	9.7
105-60-2	Caprolactam	25	U	340	25
59-50-7	4-Chloro-3-methylphenol	15	U	340	15
91-57-6	2-Methylnaphthalene	7.6	U	340	7.6
118-74-1	Hexachlorobenzene	14	U	34	14
77-47-4	Hexachlorocyclopentadiene	22	U	340	22
88-06-2	2,4,6-Trichlorophenol	9.8	U	140	9.8
95-95-4	2,4,5-Trichlorophenol	34	U	340	34
92-52-4	Diphenyl	29	U	340	29
91-58-7	2-Chloronaphthalene	7.8	U	340	7.8
88-74-4	2-Nitroaniline	11	U	340	11
606-20-2	2,6-Dinitrotoluene	18	U	70	18
131-11-3	Dimethyl phthalate	10	U	340	10
208-96-8	Acenaphthylene	8.9	U	340	8.9
99-09-2	3-Nitroaniline	10	U	340	10
83-32-9	Acenaphthene	8.3	U	340	8.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S 8.25 | Lab Sample ID: 460-104194-3

Matrix: Solid | Lab File ID: x8405.D

Analysis Method: 8270D | Date Collected: 11/06/2015 12:49

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0134(g) | Date Analyzed: 11/11/2015 07:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	170	U	700	170
51-28-5	2,4-Dinitrophenol	260	U	280	260
132-64-9	Dibenzofuran	10	U	340	10
84-66-2	Diethyl phthalate	9.8	U	340	9.8
86-73-7	Fluorene	7.5	U	340	7.5
206-44-0	Fluoranthene	10	U	340	10
84-74-2	Di-n-butyl phthalate	10	U	340	10
121-14-2	2,4-Dinitrotoluene	14	U	70	14
7005-72-3	4-Chlorophenyl phenyl ether	10	U	340	10
100-01-6	4-Nitroaniline	13	U	340	13
534-52-1	4,6-Dinitro-2-methylphenol	92	U	280	92
101-55-3	4-Bromophenyl phenyl ether	11	U	340	11
1912-24-9	Atrazine	15	U	140	15
120-12-7	Anthracene	33	U	340	33
86-74-8	Carbazole	8.6	U	340	8.6
85-01-8	Phenanthrene	9.2	U	340	9.2
87-86-5	Pentachlorophenol	42	U	280	42
129-00-0	Pyrene	16	U	340	16
218-01-9	Chrysene	9.4	U	340	9.4
207-08-9	Benzo[k]fluoranthene	15	U	34	15
191-24-2	Benzo[g,h,i]perylene	20	U	340	20
205-99-2	Benzo[b]fluoranthene	13	U	34	13
50-32-8	Benzo[a]pyrene	10	U	34	10
56-55-3	Benzo[a]anthracene	29	U	34	29
86-30-6	N-Nitrosodiphenylamine	31	U *	340	31
85-68-7	Butyl benzyl phthalate	11	U	340	11
117-81-7	Bis(2-ethylhexyl) phthalate	20	J	340	13
117-84-0	Di-n-octyl phthalate	18	U	340	18
193-39-5	Indeno[1,2,3-cd]pyrene	23	U	34	23
53-70-3	Dibenz(a,h)anthracene	18	U	34	18
91-94-1	3,3'-Dichlorobenzidine	39	U	140	39
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	340	26
58-90-2	2,3,4,6-Tetrachlorophenol	32	U	340	32

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S 8.25 | Lab Sample ID: 460-104194-3

Matrix: Solid | Lab File ID: x8405.D

Analysis Method: 8270D | Date Collected: 11/06/2015 12:49

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0134(g) | Date Analyzed: 11/11/2015 07:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	61		28-92
4165-62-2	Phenol-d5	59		22-88
1718-51-0	Terphenyl-d14	76		16-114
118-79-6	2,4,6-Tribromophenol	57		10-95
367-12-4	2-Fluorophenol	56		21-84
321-60-8	2-Fluorobiphenyl	53		27-84

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S 8.25 | Lab Sample ID: 460-104194-3

Matrix: Solid | Lab File ID: x8405.D

Analysis Method: 8270D | Date Collected: 11/06/2015 12:49

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0134(g) | Date Analyzed: 11/11/2015 07:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8405.D
Lims ID: 460-104194-F-3-A Lab Sample ID: 460-104194-3
Client ID: PRA-25S 8.25
Sample Type: Client
Inject. Date: 11-Nov-2015 07:14:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034083-013
Operator ID: Instrument ID: CBNAMS5

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 23:53:27 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: manlangitf Date: 11-Nov-2015 10:37:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.087	3.057	0.030	97	186547	28.0	
$ 6 Phenol-d5	99	3.975	3.993	-0.018	86	222644	29.5	
* 14 1,4-Dichlorobenzene-d4	152	4.334	4.334	0.000	95	196735	40.0	
$ 26 Nitrobenzene-d5	82	4.887	4.898	-0.011	86	198121	30.6	
* 38 Naphthalene-d8	136	5.616	5.616	0.000	99	744747	40.0	
$ 51 2-Fluorobiphenyl	172	6.698	6.698	0.000	98	396311	26.7	
* 65 Acenaphthene-d10	164	7.363	7.363	0.000	92	369693	40.0	
$ 80 2,4,6-Tribromophenol	330	8.139	8.145	-0.006	93	41853	28.5	
* 88 Phenanthrene-d10	188	8.828	8.828	0.000	98	485166	40.0	
$ 96 Terphenyl-d14	244	10.404	10.404	0.000	99	259963	38.0	
* 102 Chrysene-d12	240	11.592	11.592	0.000	99	246823	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.616	11.622	-0.006	85	1433	0.2851	
* 109 Perylene-d12	264	13.516	13.521	-0.005	97	155980	40.0	

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

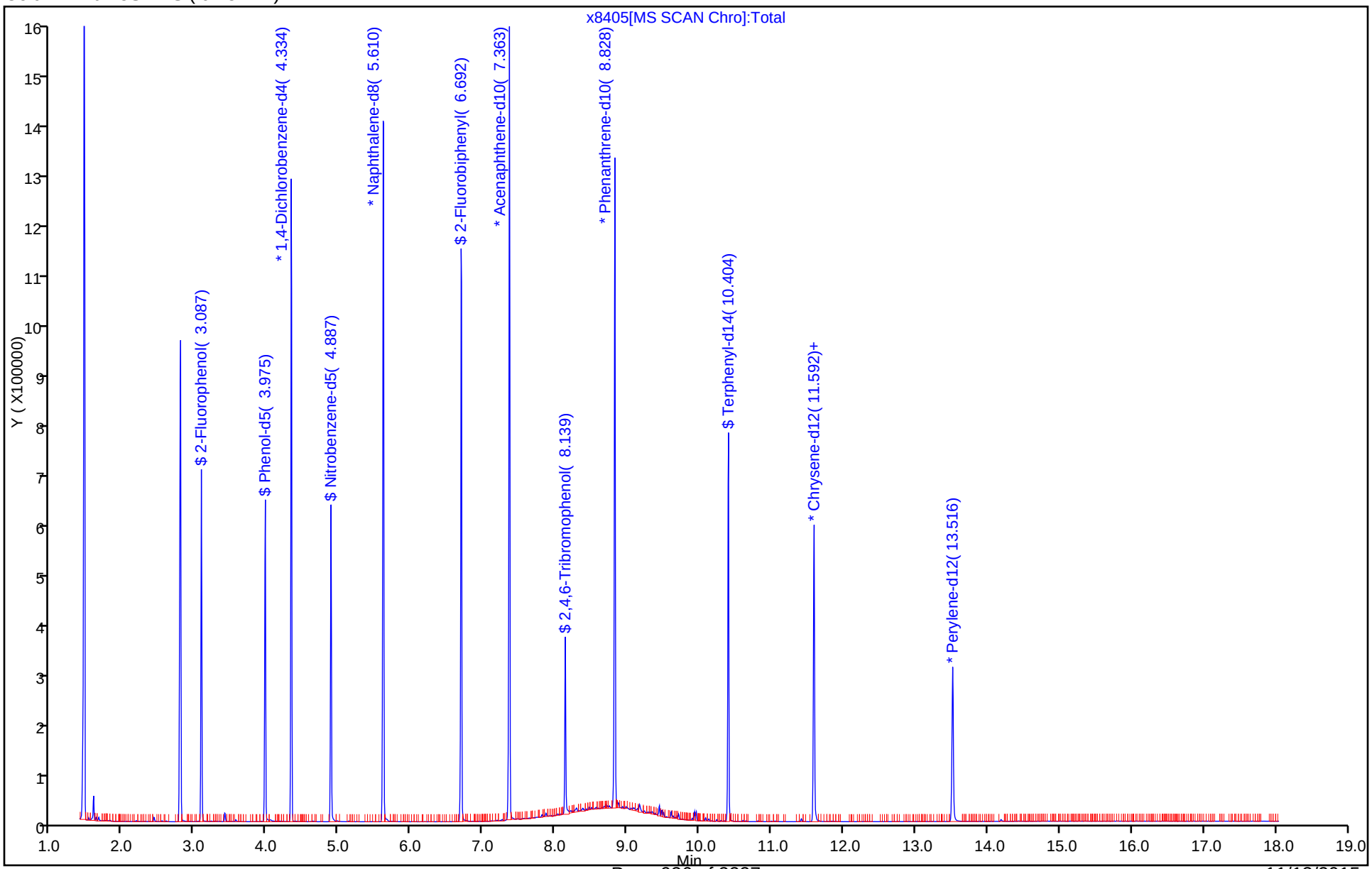
Report Date: 11-Nov-2015 23:53:33 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8405.D

Injection Date:	11-Nov-2015 07:14:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	460-104194-F-3-A	Lab Sample ID:	460-104194-3	Worklist Smp#:	13
Client ID:	PRA-25S 8.25				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

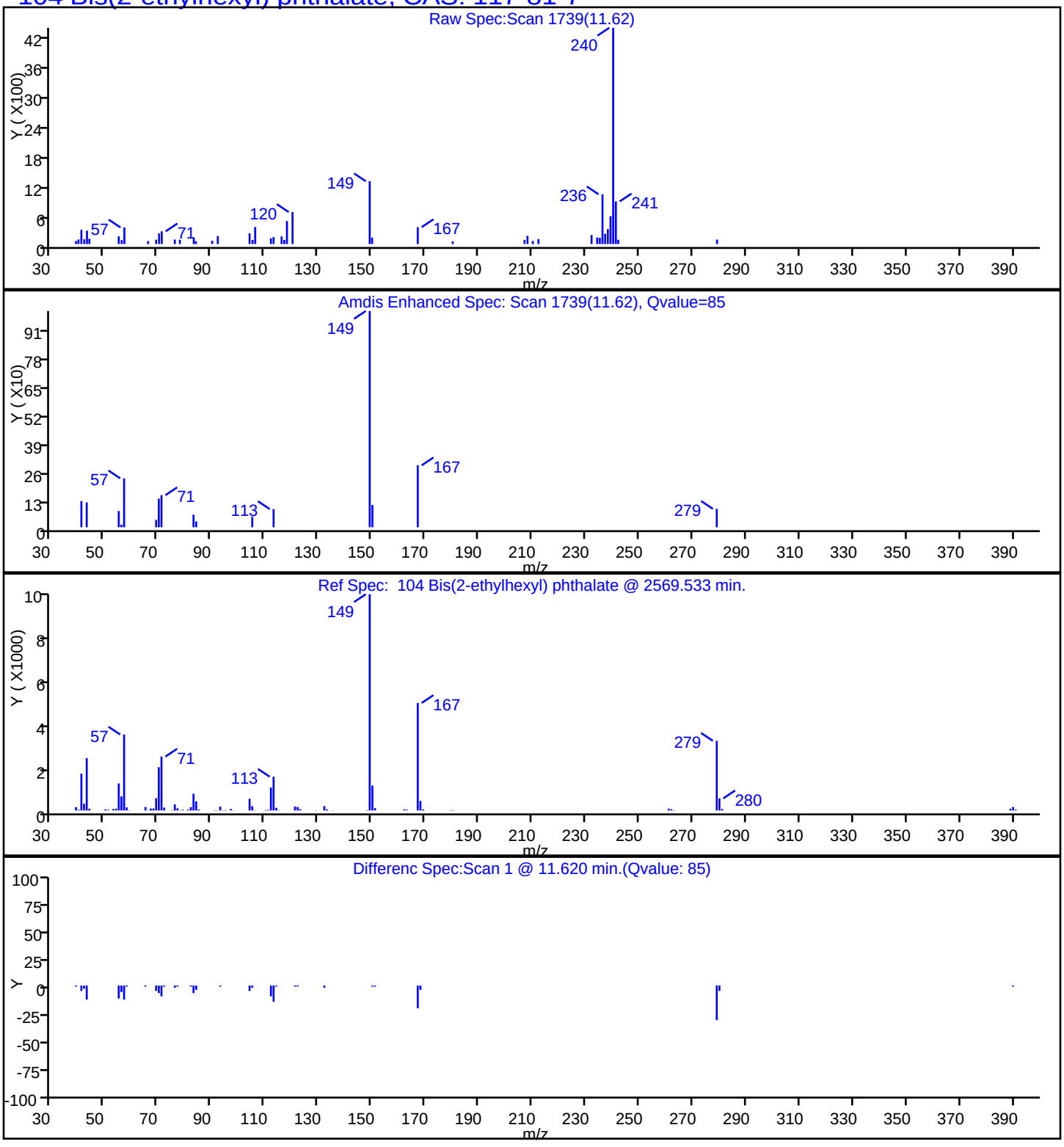
Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8405.D				
Injection Date:	11-Nov-2015 07:14:30	Instrument ID:	CBNAMS5		
Lims ID:	460-104194-F-3-A	Lab Sample ID:	460-104194-3		
Client ID:	PRA-25S 8.25				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S 11.25 | Lab Sample ID: 460-104194-4

Matrix: Solid | Lab File ID: x8406.D

Analysis Method: 8270D | Date Collected: 11/06/2015 12:51

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0288(g) | Date Analyzed: 11/11/2015 07:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	12	U	380	12
95-57-8	2-Chlorophenol	9.6	U	380	9.6
95-48-7	2-Methylphenol	17	U	380	17
106-44-5	4-Methylphenol	10	U	380	10
100-52-7	Benzaldehyde	29	U	380	29
98-86-2	Acetophenone	8.3	U	380	8.3
111-44-4	Bis(2-chloroethyl)ether	8.9	U	38	8.9
108-60-1	2,2'-oxybis[1-chloropropane]	16	U	380	16
621-64-7	N-Nitrosodi-n-propylamine	13	U	38	13
98-95-3	Nitrobenzene	12	U	38	12
67-72-1	Hexachloroethane	14	U	38	14
78-59-1	Isophorone	8.1	U	150	8.1
88-75-5	2-Nitrophenol	13	U	380	13
105-67-9	2,4-Dimethylphenol	83	U	380	83
120-83-2	2,4-Dichlorophenol	8.9	U	150	8.9
111-91-1	Bis(2-chloroethoxy)methane	12	U	380	12
91-20-3	Naphthalene	9.6	U	380	9.6
106-47-8	4-Chloroaniline	9.7	U	380	9.7
87-68-3	Hexachlorobutadiene	11	U	77	11
105-60-2	Caprolactam	27	U	380	27
59-50-7	4-Chloro-3-methylphenol	16	U	380	16
91-57-6	2-Methylnaphthalene	8.4	U	380	8.4
118-74-1	Hexachlorobenzene	15	U	38	15
77-47-4	Hexachlorocyclopentadiene	24	U	380	24
88-06-2	2,4,6-Trichlorophenol	11	U	150	11
95-95-4	2,4,5-Trichlorophenol	38	U	380	38
92-52-4	Diphenyl	32	U	380	32
91-58-7	2-Chloronaphthalene	8.6	U	380	8.6
88-74-4	2-Nitroaniline	12	U	380	12
606-20-2	2,6-Dinitrotoluene	20	U	77	20
131-11-3	Dimethyl phthalate	11	U	380	11
208-96-8	Acenaphthylene	9.7	U	380	9.7
99-09-2	3-Nitroaniline	11	U	380	11
83-32-9	Acenaphthene	9.2	U	380	9.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S 11.25 | Lab Sample ID: 460-104194-4

Matrix: Solid | Lab File ID: x8406.D

Analysis Method: 8270D | Date Collected: 11/06/2015 12:51

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0288(g) | Date Analyzed: 11/11/2015 07:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	180	U	770	180
51-28-5	2,4-Dinitrophenol	290	U	310	290
132-64-9	Dibenzofuran	11	U	380	11
84-66-2	Diethyl phthalate	11	U	380	11
86-73-7	Fluorene	8.3	U	380	8.3
206-44-0	Fluoranthene	11	U	380	11
84-74-2	Di-n-butyl phthalate	11	U	380	11
121-14-2	2,4-Dinitrotoluene	15	U	77	15
7005-72-3	4-Chlorophenyl phenyl ether	11	U	380	11
100-01-6	4-Nitroaniline	14	U	380	14
534-52-1	4,6-Dinitro-2-methylphenol	100	U	310	100
101-55-3	4-Bromophenyl phenyl ether	12	U	380	12
1912-24-9	Atrazine	17	U	150	17
120-12-7	Anthracene	36	U	380	36
86-74-8	Carbazole	9.4	U	380	9.4
85-01-8	Phenanthrene	10	U	380	10
87-86-5	Pentachlorophenol	46	U	310	46
129-00-0	Pyrene	17	U	380	17
218-01-9	Chrysene	10	U	380	10
207-08-9	Benzo[k]fluoranthene	17	U	38	17
191-24-2	Benzo[g,h,i]perylene	22	U	380	22
205-99-2	Benzo[b]fluoranthene	15	U	38	15
50-32-8	Benzo[a]pyrene	11	U	38	11
56-55-3	Benzo[a]anthracene	32	U	38	32
86-30-6	N-Nitrosodiphenylamine	34	U *	380	34
85-68-7	Butyl benzyl phthalate	12	U	380	12
117-81-7	Bis(2-ethylhexyl) phthalate	24	J	380	15
117-84-0	Di-n-octyl phthalate	19	U	380	19
193-39-5	Indeno[1,2,3-cd]pyrene	25	U	38	25
53-70-3	Dibenz(a,h)anthracene	20	U	38	20
91-94-1	3,3'-Dichlorobenzidine	42	U	150	42
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	380	28
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	380	36

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S 11.25 | Lab Sample ID: 460-104194-4

Matrix: Solid | Lab File ID: x8406.D

Analysis Method: 8270D | Date Collected: 11/06/2015 12:51

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0288(g) | Date Analyzed: 11/11/2015 07:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	58		28-92
4165-62-2	Phenol-d5	55		22-88
1718-51-0	Terphenyl-d14	75		16-114
118-79-6	2,4,6-Tribromophenol	53		10-95
367-12-4	2-Fluorophenol	53		21-84
321-60-8	2-Fluorobiphenyl	51		27-84

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S 11.25 | Lab Sample ID: 460-104194-4

Matrix: Solid | Lab File ID: x8406.D

Analysis Method: 8270D | Date Collected: 11/06/2015 12:51

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0288(g) | Date Analyzed: 11/11/2015 07:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8406.D
Lims ID: 460-104194-F-4-A Lab Sample ID: 460-104194-4
Client ID: PRA-25S 11.25
Sample Type: Client
Inject. Date: 11-Nov-2015 07:38:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034083-014
Operator ID: Instrument ID: CBNAMS5

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 23:53:27 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: manlangitf Date: 11-Nov-2015 10:36:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.081	3.057	0.024	97	175221	26.5	
$ 6 Phenol-d5	99	3.975	3.993	-0.018	86	207485	27.7	
* 14 1,4-Dichlorobenzene-d4	152	4.340	4.334	0.006	95	195251	40.0	
$ 26 Nitrobenzene-d5	82	4.887	4.898	-0.011	86	182436	28.8	
* 38 Naphthalene-d8	136	5.616	5.616	0.000	99	729037	40.0	
$ 51 2-Fluorobiphenyl	172	6.692	6.698	-0.006	98	371933	25.6	
* 65 Acenaphthene-d10	164	7.363	7.363	0.000	92	361292	40.0	
$ 80 2,4,6-Tribromophenol	330	8.139	8.145	-0.006	94	38146	26.6	
* 88 Phenanthrene-d10	188	8.828	8.828	0.000	98	473816	40.0	
$ 96 Terphenyl-d14	244	10.398	10.404	-0.006	99	234985	37.6	
* 102 Chrysene-d12	240	11.592	11.592	0.000	99	225704	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.616	11.622	-0.006	88	1448	0.3150	
* 109 Perylene-d12	264	13.515	13.521	-0.006	97	139968	40.0	

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

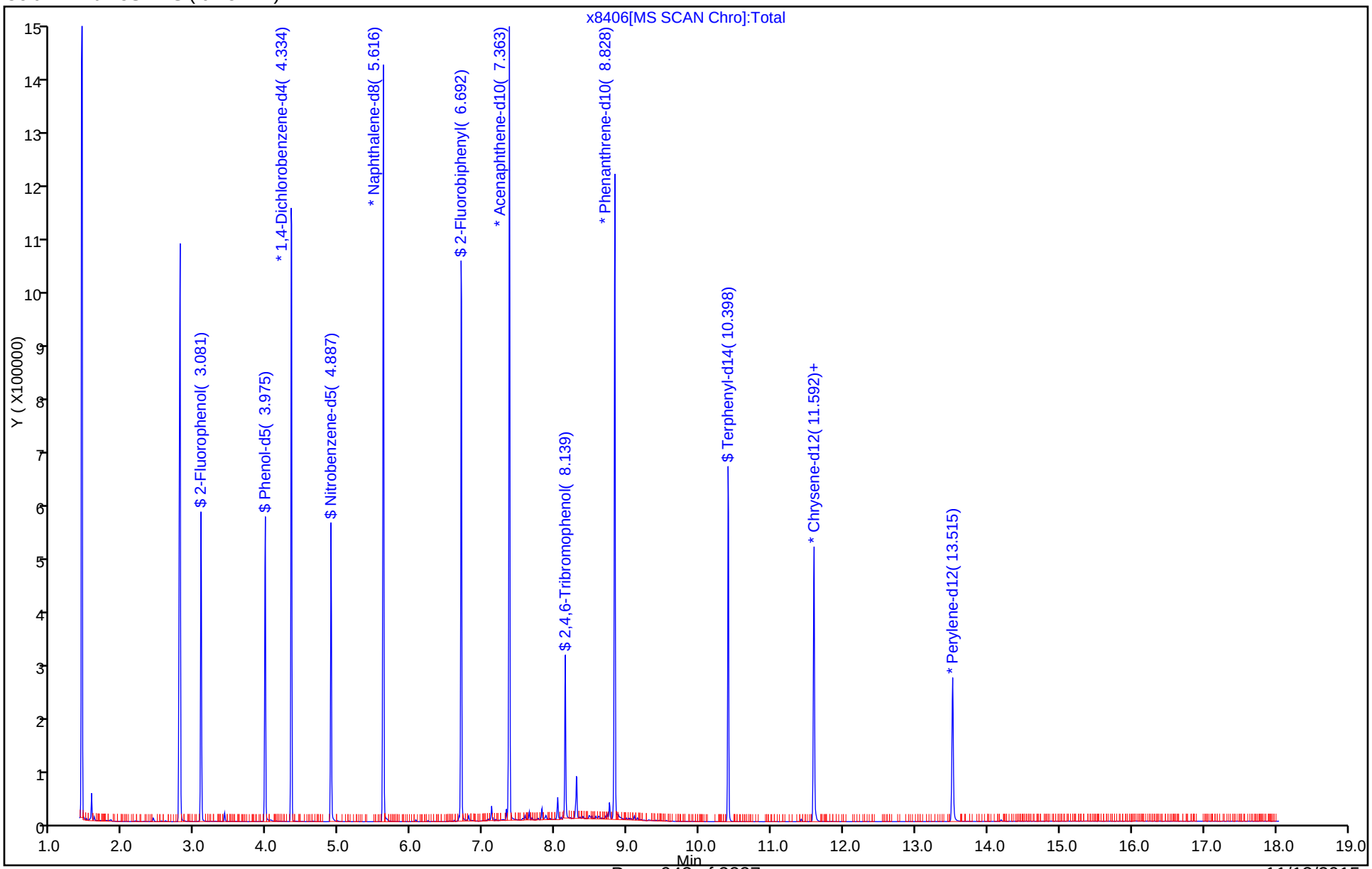
Report Date: 11-Nov-2015 23:53:37 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8406.D

Injection Date:	11-Nov-2015 07:38:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	460-104194-F-4-A	Lab Sample ID:	460-104194-4	Worklist Smp#:	14
Client ID:	PRA-25S 11.25				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

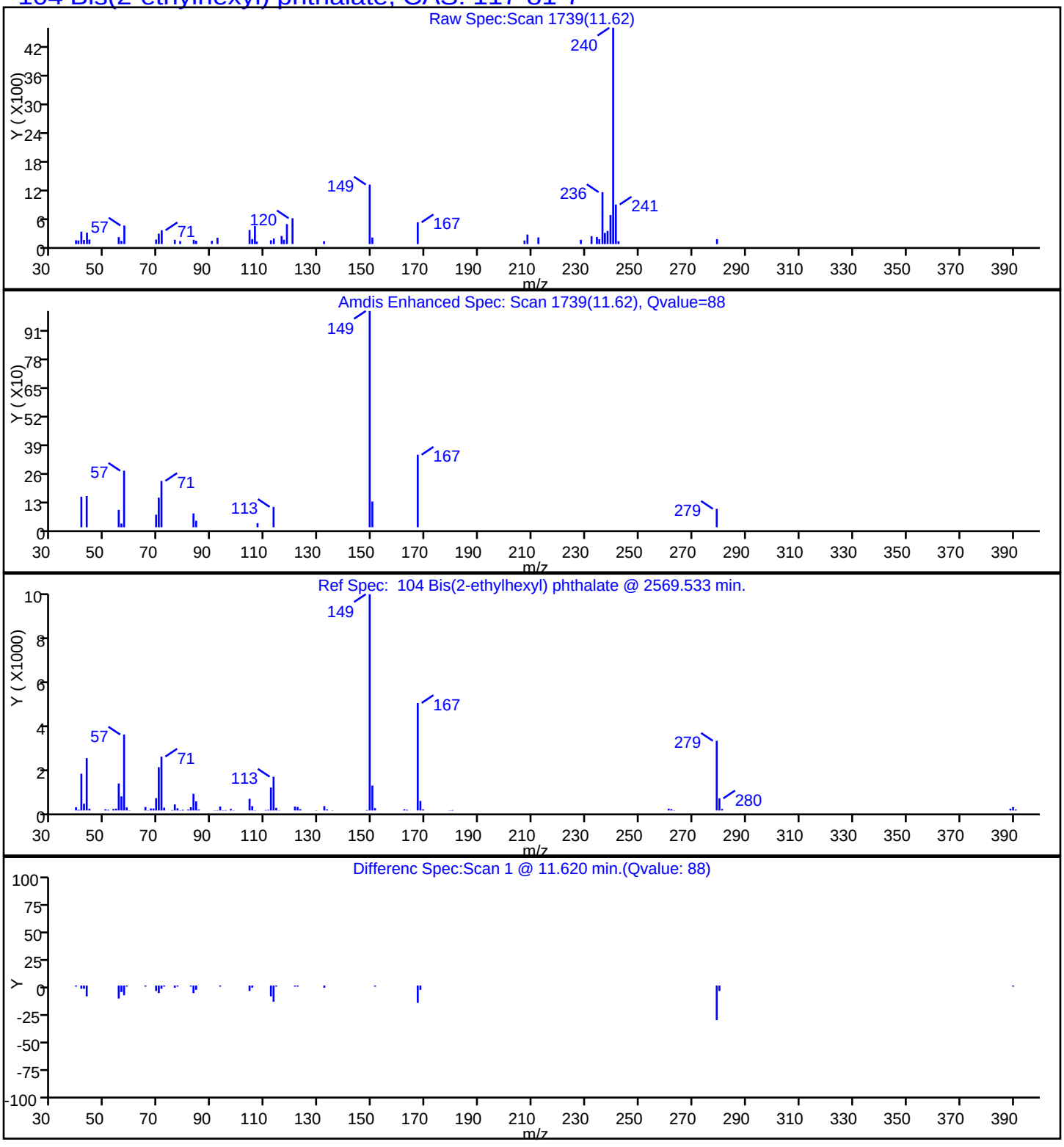
Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8406.D				
Injection Date:	11-Nov-2015 07:38:30	Instrument ID:	CBNAMS5		
Lims ID:	460-104194-F-4-A	Lab Sample ID:	460-104194-4		
Client ID:	PRA-25S 11.25				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-23 NW | Lab Sample ID: 460-104194-5

Matrix: Solid | Lab File ID: x8415.D

Analysis Method: 8270D | Date Collected: 11/06/2015 08:30

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0114(g) | Date Analyzed: 11/11/2015 11:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	12	U	360	12
95-57-8	2-Chlorophenol	9.3	U	360	9.3
95-48-7	2-Methylphenol	16	U	360	16
106-44-5	4-Methylphenol	9.9	U	360	9.9
100-52-7	Benzaldehyde	28	U	360	28
98-86-2	Acetophenone	7.9	U	360	7.9
111-44-4	Bis(2-chloroethyl)ether	8.6	U	36	8.6
108-60-1	2,2'-oxybis[1-chloropropane]	15	U	360	15
621-64-7	N-Nitrosodi-n-propylamine	12	U	36	12
98-95-3	Nitrobenzene	11	U	36	11
67-72-1	Hexachloroethane	13	U	36	13
78-59-1	Isophorone	7.8	U	150	7.8
88-75-5	2-Nitrophenol	12	U	360	12
105-67-9	2,4-Dimethylphenol	80	U	360	80
120-83-2	2,4-Dichlorophenol	8.6	U	150	8.6
111-91-1	Bis(2-chloroethoxy)methane	11	U	360	11
91-20-3	Naphthalene	9.3	U	360	9.3
106-47-8	4-Chloroaniline	9.4	U	360	9.4
87-68-3	Hexachlorobutadiene	10	U	74	10
105-60-2	Caprolactam	26	U	360	26
59-50-7	4-Chloro-3-methylphenol	16	U	360	16
91-57-6	2-Methylnaphthalene	8.2	J	360	8.1
118-74-1	Hexachlorobenzene	15	U	36	15
77-47-4	Hexachlorocyclopentadiene	23	U	360	23
88-06-2	2,4,6-Trichlorophenol	10	U	150	10
95-95-4	2,4,5-Trichlorophenol	36	U	360	36
92-52-4	Diphenyl	31	U	360	31
91-58-7	2-Chloronaphthalene	8.3	U	360	8.3
88-74-4	2-Nitroaniline	12	U	360	12
606-20-2	2,6-Dinitrotoluene	19	U	74	19
131-11-3	Dimethyl phthalate	11	U	360	11
208-96-8	Acenaphthylene	9.4	U	360	9.4
99-09-2	3-Nitroaniline	11	U	360	11
83-32-9	Acenaphthene	8.8	U	360	8.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-23 NW | Lab Sample ID: 460-104194-5

Matrix: Solid | Lab File ID: x8415.D

Analysis Method: 8270D | Date Collected: 11/06/2015 08:30

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0114(g) | Date Analyzed: 11/11/2015 11:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	180	U	740	180
51-28-5	2,4-Dinitrophenol	280	U	290	280
132-64-9	Dibenzofuran	11	U	360	11
84-66-2	Diethyl phthalate	10	U	360	10
86-73-7	Fluorene	7.9	U	360	7.9
206-44-0	Fluoranthene	11	U	360	11
84-74-2	Di-n-butyl phthalate	11	U	360	11
121-14-2	2,4-Dinitrotoluene	14	U	74	14
7005-72-3	4-Chlorophenyl phenyl ether	11	U	360	11
100-01-6	4-Nitroaniline	14	U	360	14
534-52-1	4,6-Dinitro-2-methylphenol	97	U	290	97
101-55-3	4-Bromophenyl phenyl ether	11	U	360	11
1912-24-9	Atrazine	16	U	150	16
120-12-7	Anthracene	35	U	360	35
86-74-8	Carbazole	9.0	U	360	9.0
85-01-8	Phenanthrene	9.7	U	360	9.7
87-86-5	Pentachlorophenol	44	U	290	44
129-00-0	Pyrene	17	U	360	17
218-01-9	Chrysene	9.9	U	360	9.9
207-08-9	Benzo[k]fluoranthene	16	U	36	16
191-24-2	Benzo[g,h,i]perylene	21	U	360	21
205-99-2	Benzo[b]fluoranthene	14	U	36	14
50-32-8	Benzo[a]pyrene	11	U	36	11
56-55-3	Benzo[a]anthracene	30	U	36	30
86-30-6	N-Nitrosodiphenylamine	33	U *	360	33
85-68-7	Butyl benzyl phthalate	11	U	360	11
117-81-7	Bis(2-ethylhexyl) phthalate	24	J	360	14
117-84-0	Di-n-octyl phthalate	19	U	360	19
193-39-5	Indeno[1,2,3-cd]pyrene	24	U	36	24
53-70-3	Dibenz(a,h)anthracene	19	U	36	19
91-94-1	3,3'-Dichlorobenzidine	41	U	150	41
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	360	27
58-90-2	2,3,4,6-Tetrachlorophenol	34	U	360	34

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-23 NW | Lab Sample ID: 460-104194-5

Matrix: Solid | Lab File ID: x8415.D

Analysis Method: 8270D | Date Collected: 11/06/2015 08:30

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0114(g) | Date Analyzed: 11/11/2015 11:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	65		28-92
4165-62-2	Phenol-d5	59		22-88
1718-51-0	Terphenyl-d14	78		16-114
118-79-6	2,4,6-Tribromophenol	64		10-95
367-12-4	2-Fluorophenol	58		21-84
321-60-8	2-Fluorobiphenyl	62		27-84

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-23 NW | Lab Sample ID: 460-104194-5

Matrix: Solid | Lab File ID: x8415.D

Analysis Method: 8270D | Date Collected: 11/06/2015 08:30

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0114(g) | Date Analyzed: 11/11/2015 11:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

Number TICs Found: 11 | TIC Result Total: 9860

CAS NO.	COMPOUND NAME	RT	RESULT	Q
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	6.78	680	J N
629-50-5	Tridecane	7.12	410	J N
1000100-23-6	Decahydro-8a-ethyl-1,1,4a,6-tetramethyln	7.26	970	J N
629-62-9	Pentadecane	7.32	380	J N
544-76-3	Hexadecane	7.82	710	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.04	620	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.30	2600	J N
	Unknown	8.49	730	J
593-45-3	Octadecane	8.73	660	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.76	1100	J N
629-78-7	Heptadecane	9.15	1000	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8415.D
Lims ID: 460-104194-F-5-A Lab Sample ID: 460-104194-5
Client ID: PRA-23 NW
Sample Type: Client
Inject. Date: 11-Nov-2015 11:15:30 ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034083-023
Operator ID: Instrument ID: CBNAMS5

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 23:53:27 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: croccom Date: 11-Nov-2015 12:27:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.087	3.057	0.030	97	170021	29.1	
$ 6 Phenol-d5	99	3.975	3.993	-0.018	86	195125	29.5	
* 14 1,4-Dichlorobenzene-d4	152	4.334	4.334	0.000	95	172627	40.0	
$ 26 Nitrobenzene-d5	82	4.887	4.898	-0.011	85	173748	32.3	
* 38 Naphthalene-d8	136	5.616	5.616	0.000	99	619859	40.0	
44 2-Methylnaphthalene	142	6.328	6.334	-0.006	85	1149	0.1121	
$ 51 2-Fluorobiphenyl	172	6.698	6.698	0.000	98	339281	31.2	
* 65 Acenaphthene-d10	164	7.363	7.363	0.000	91	270666	40.0	
$ 80 2,4,6-Tribromophenol	330	8.145	8.145	0.000	93	34566	32.2	
* 88 Phenanthrene-d10	188	8.827	8.828	-0.001	98	293195	40.0	
95 Pyrene	202	10.245	10.245	0.000	96	975	0.1641	
$ 96 Terphenyl-d14	244	10.404	10.404	0.000	99	152420	38.9	
* 102 Chrysene-d12	240	11.592	11.592	0.000	99	141382	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.621	11.622	-0.001	83	943	0.3275	
* 109 Perylene-d12	264	13.515	13.521	-0.006	97	113213	40.0	

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8415.D
Lims ID: 460-104194-F-5-A Lab Sample ID: 460-104194-5
Client ID: PRA-23 NW
Sample Type: Client
Inject. Date: 11-Nov-2015 11:15:30 ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034083-023
Operator ID: Instrument ID: CBNAMS5

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 23:53:27 Calib Date: 08-Nov-2015 21:05:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: croccom Date: 11-Nov-2015 12:27:50

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal						
6.775	287605	9.24	65	99	61716	C15H28	208	
	629-50-5	Tridecane						
7.122	173699	5.58	65	87	45542	C13H28	184	
	1000100-23-6	Decahydro-8a-ethyl-1,1,4a,6-tetramethyln						
7.263	409897	13.2	65	98	71138	C16H30	222	
	629-62-9	Pentadecane						
7.322	159152	5.11	65	96	64572	C15H32	212	
	544-76-3	Hexadecane						
7.822	301753	9.70	65	96	73966	C16H34	226	
	3892-00-0	Pentadecane, 2,6,10-trimethyl-						
8.039	261494	8.40	65	83	91053	C18H38	254	
	1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-						
8.304	662414	35.4	88	99	99492	C19H40	268	
		Unknown						
8.492	184612	9.88	88					
	593-45-3	Octadecane						
8.727	167302	8.95	88	98	91036	C18H38	254	
	638-36-8	Hexadecane, 2,6,10,14-tetramethyl-						
8.757	278320	14.9	88	96	107670	C20H42	282	
	629-78-7	Heptadecane						
9.145	266891	14.3	88	96	82608	C17H36	240	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 65 Acenaphthene-d10	7.363	1244953	40.0
* 88 Phenanthrene-d10	8.827	747717	40.0

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

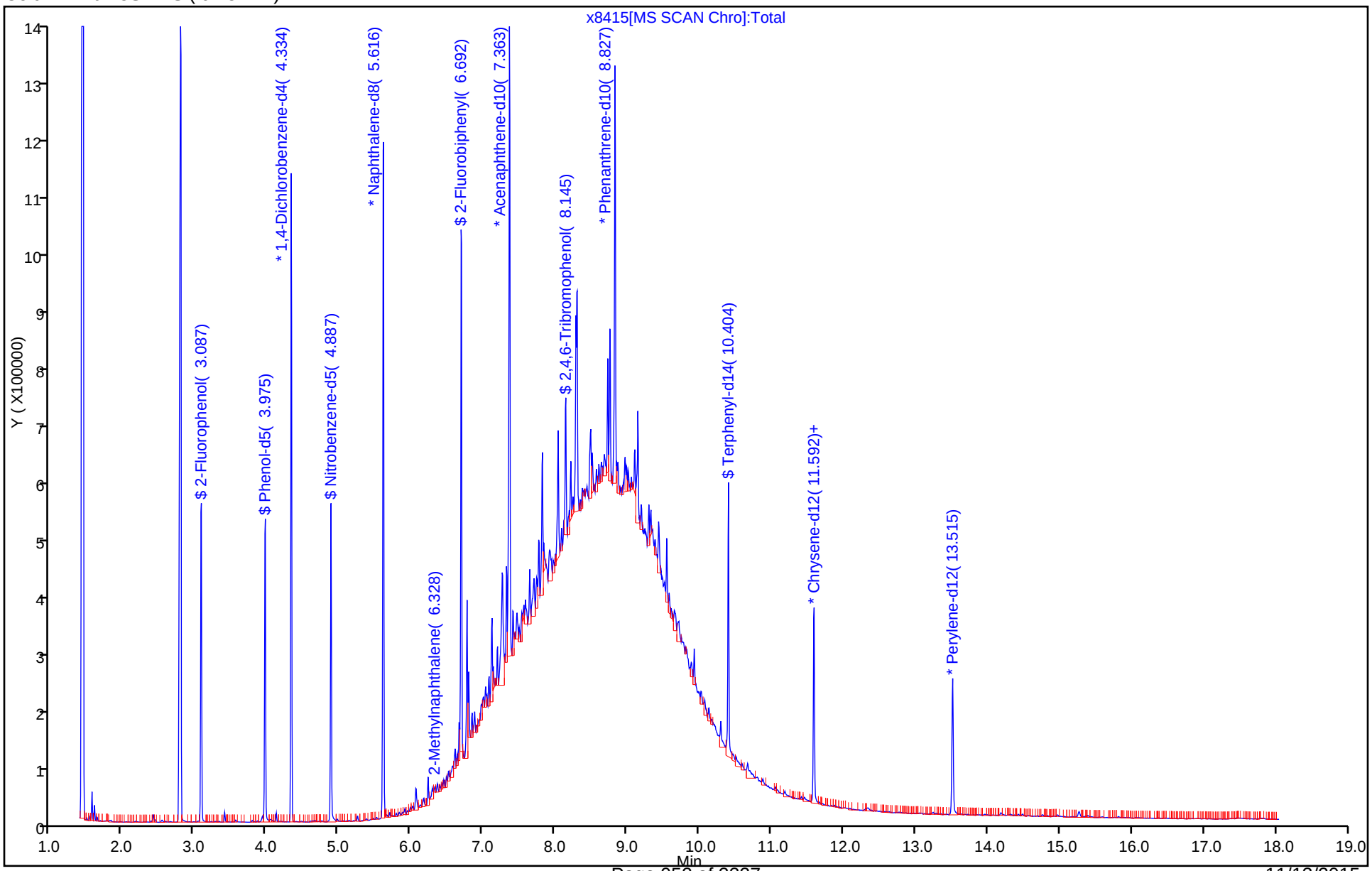
Report Date: 11-Nov-2015 23:54:22 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8415.D

Injection Date:	11-Nov-2015 11:15:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	460-104194-F-5-A	Lab Sample ID:	460-104194-5	Worklist Smp#:	23
Client ID:	PRA-23 NW				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

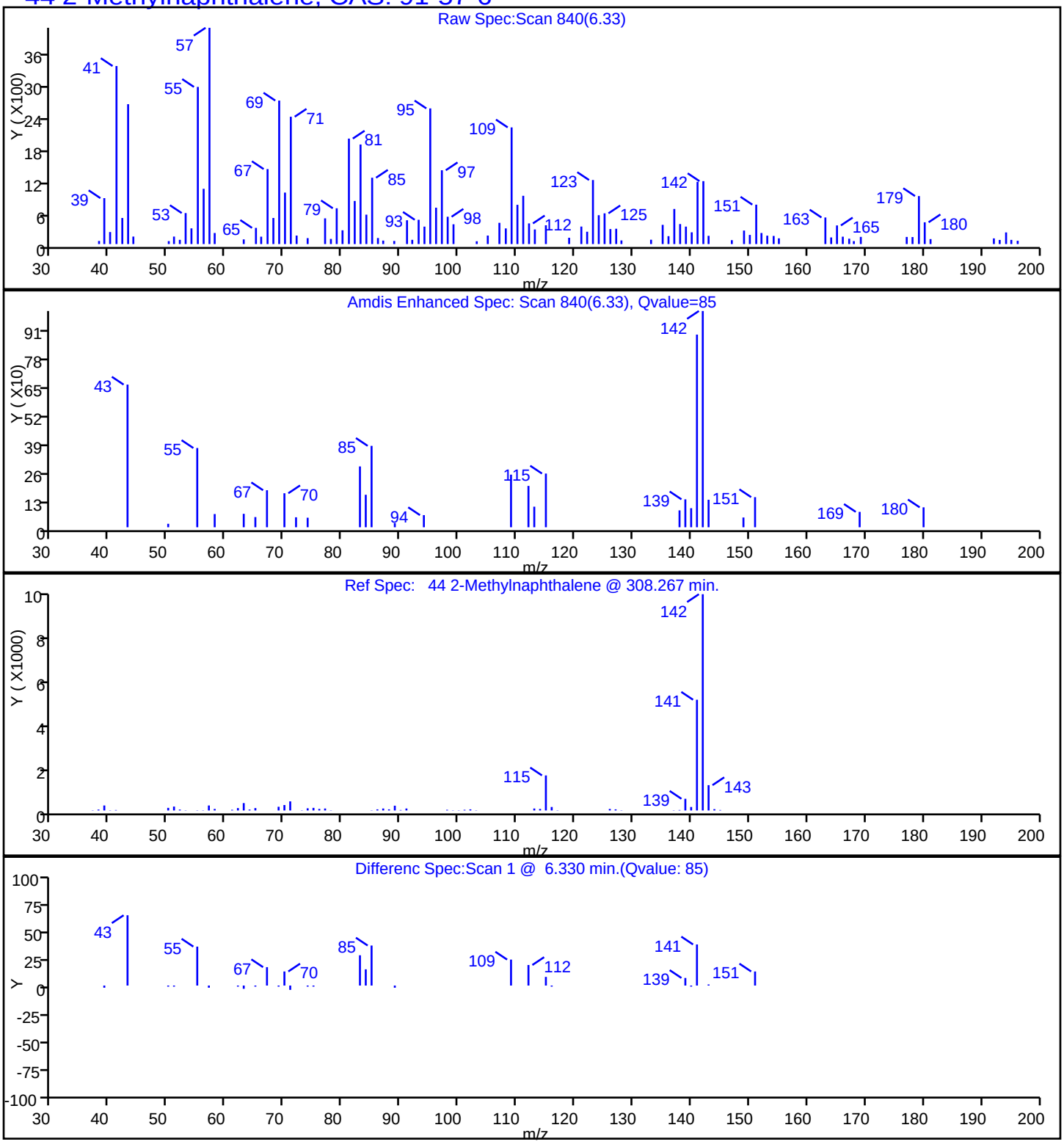
Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8415.D				
Injection Date:	11-Nov-2015 11:15:30	Instrument ID:	CBNAMS5		
Lims ID:	460-104194-F-5-A	Lab Sample ID:	460-104194-5		
Client ID:	PRA-23 NW				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

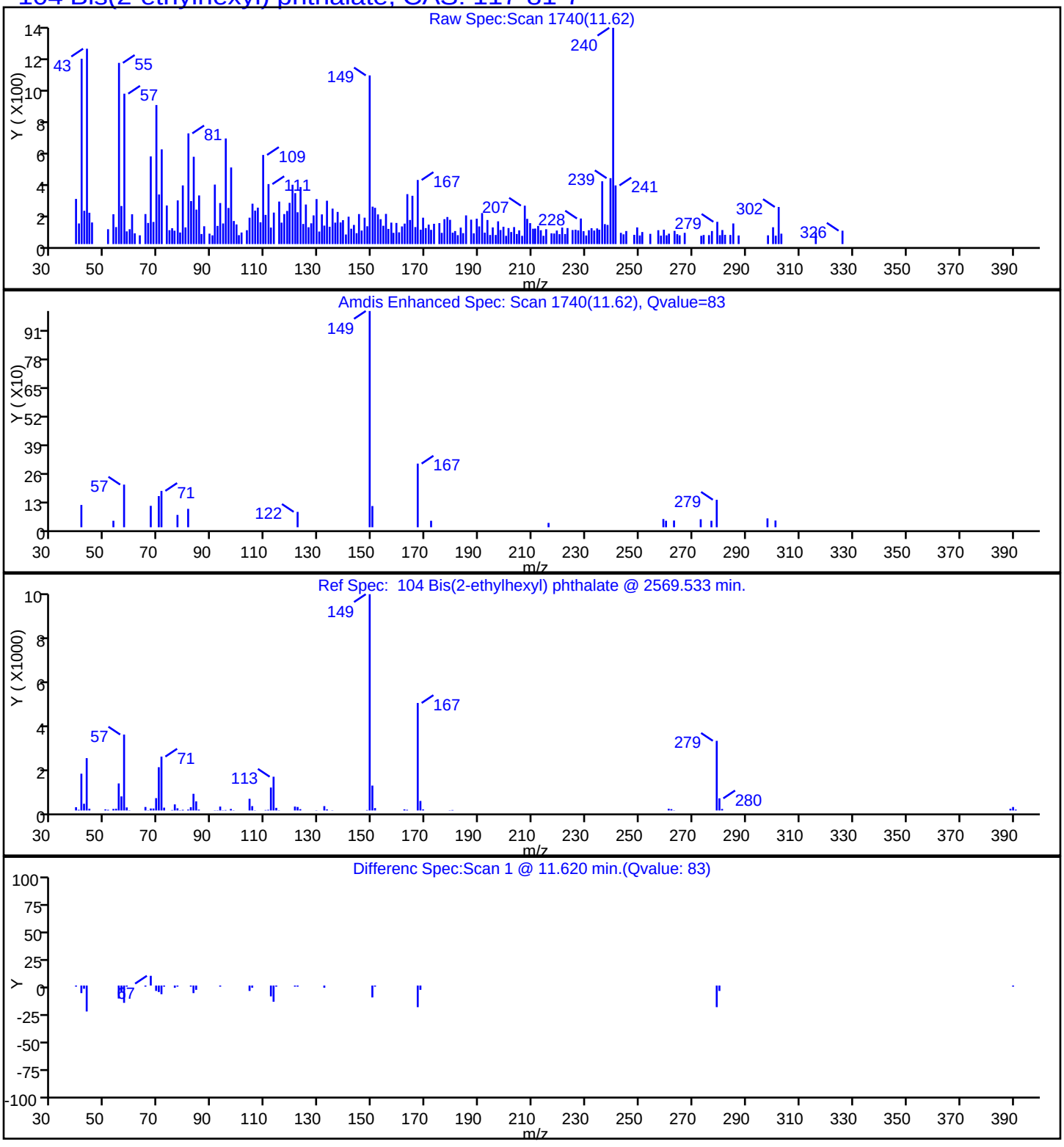
44 2-Methylnaphthalene, CAS: 91-57-6



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8415.D				
Injection Date:	11-Nov-2015 11:15:30	Instrument ID:	CBNAMS5		
Lims ID:	460-104194-F-5-A	Lab Sample ID:	460-104194-5		
Client ID:	PRA-23 NW				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7

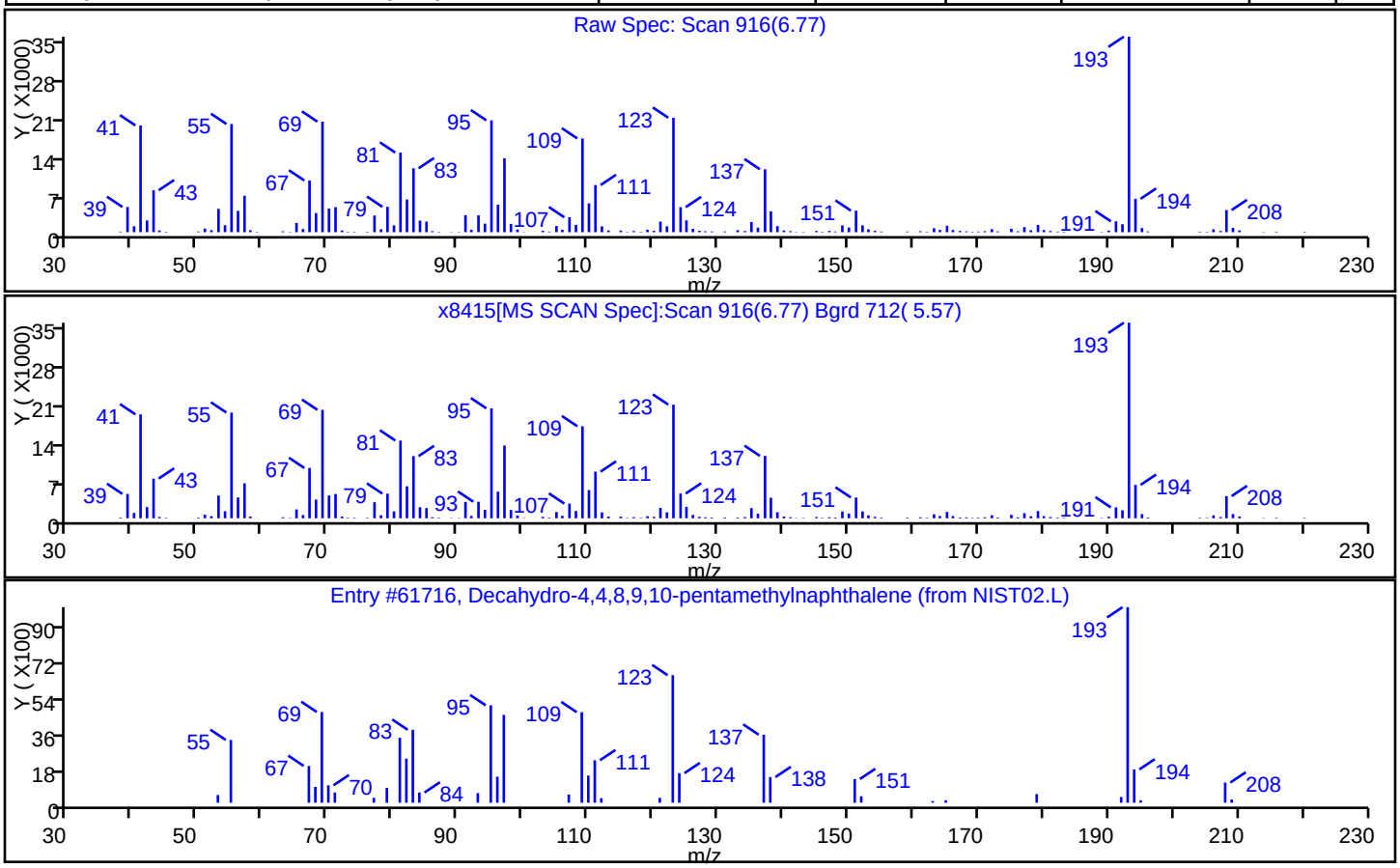


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8415.D

Injection Date:	11-Nov-2015 11:15:30	Instrument ID:	CBNAMS5
Lims ID:	460-104194-F-5-A	Lab Sample ID:	460-104194-5
Client ID:	PRA-23 NW		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270D ICAL
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	C15H28	208	99

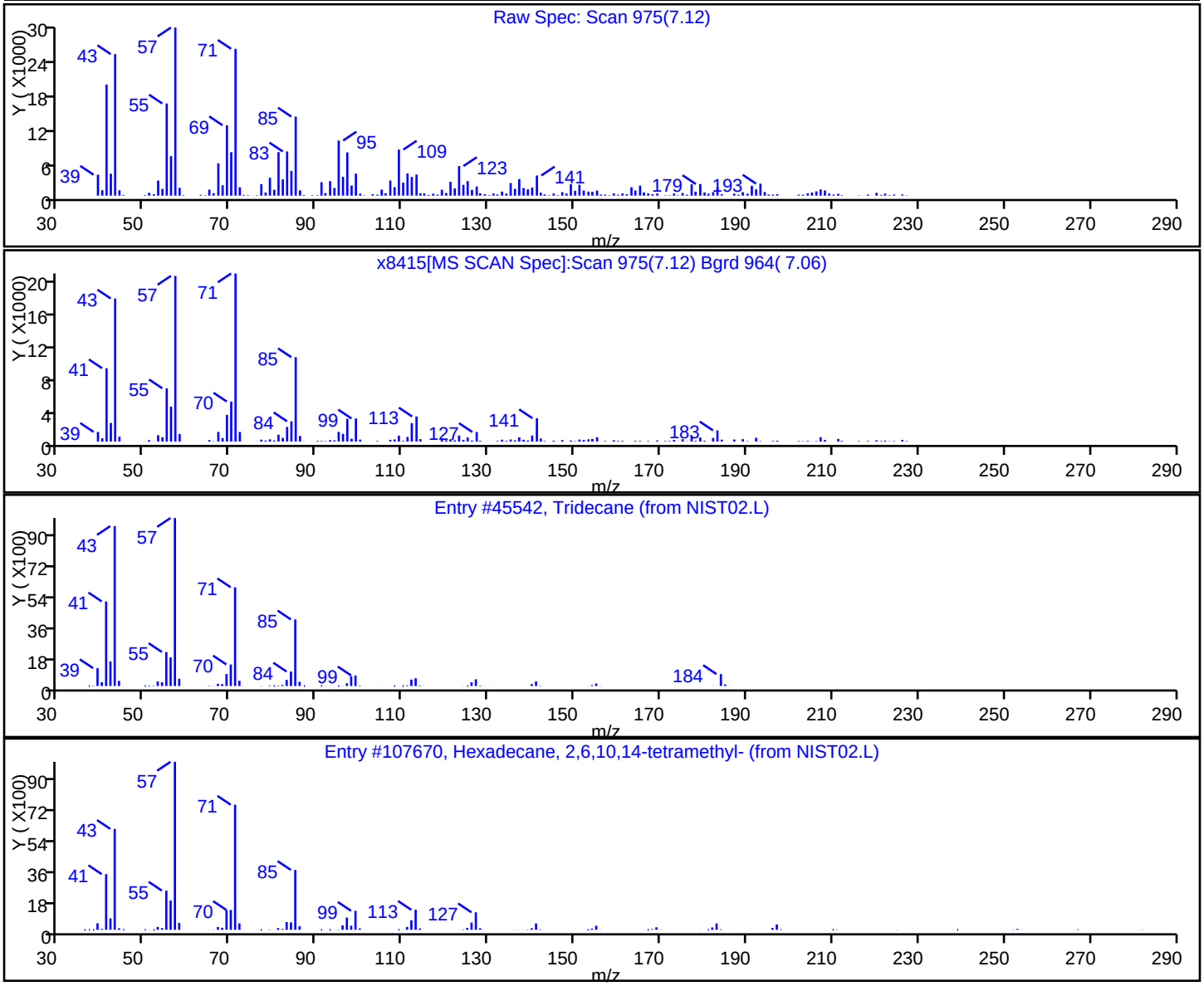


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8415.D

Injection Date:	11-Nov-2015 11:15:30	Instrument ID:	CBNAMS5
Lims ID:	460-104194-F-5-A	Lab Sample ID:	460-104194-5
Client ID:	PRA-23 NW		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270D ICAL
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tridecane	629-50-5	NIST02.L	45542	C13H28	184	87
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	C20H42	282	86

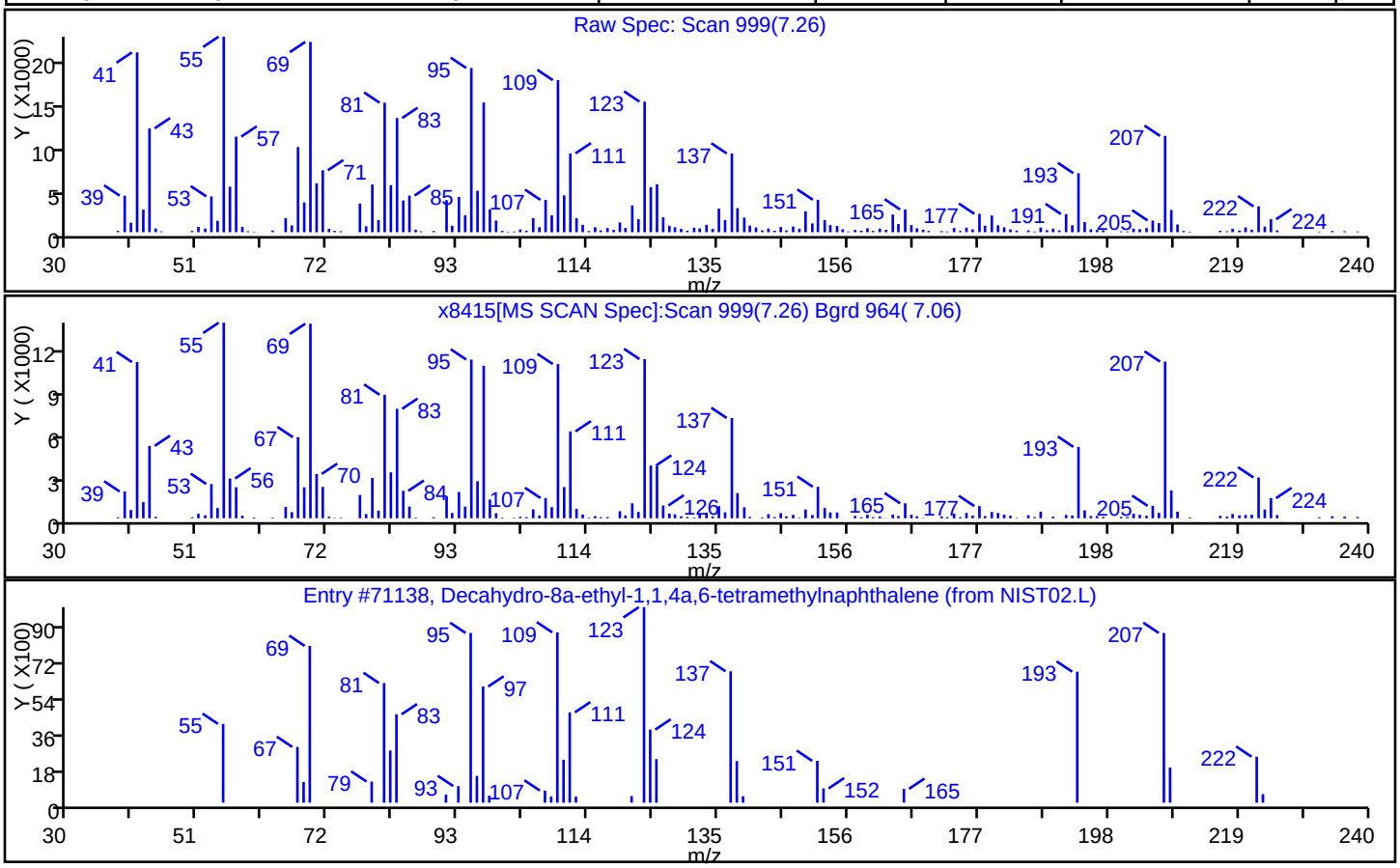


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8415.D

Injection Date:	11-Nov-2015 11:15:30	Instrument ID:	CBNAMS5		
Lims ID:	460-104194-F-5-A	Lab Sample ID:	460-104194-5		
Client ID:	PRA-23 NW				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decahydro-8a-ethyl-1,1,4a,6-tetramethyln	1000100-23-6	NIST02.L	71138	C16H30	222	98

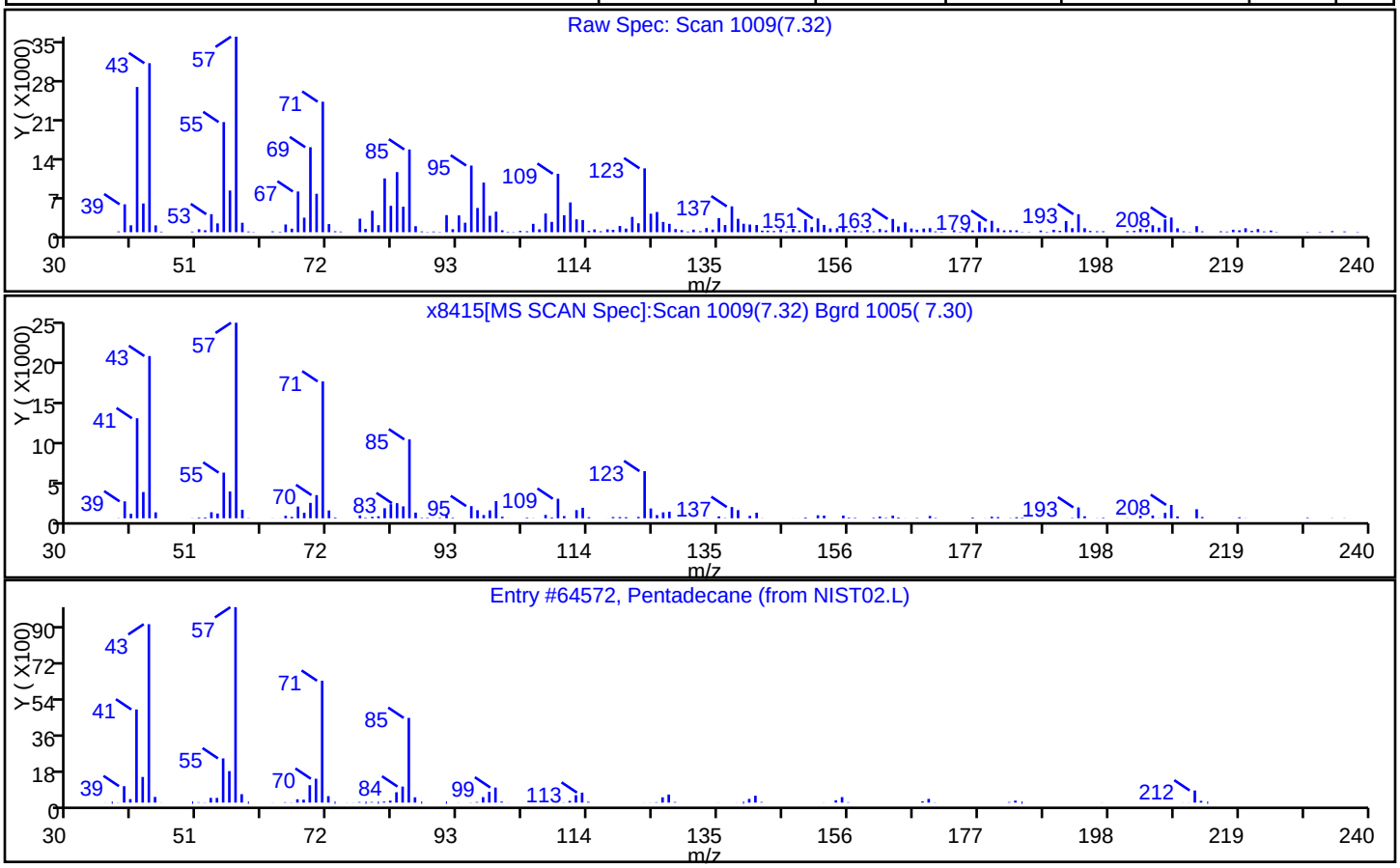


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8415.D

Injection Date:	11-Nov-2015 11:15:30	Instrument ID:	CBNAMS5		
Lims ID:	460-104194-F-5-A	Lab Sample ID:	460-104194-5		
Client ID:	PRA-23 NW				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane	629-62-9	NIST02.L	64572	C15H32	212	96



Report Date: 11-Nov-2015 23:54:25 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8415.D

Injection Date: 11-Nov-2015 11:15:30 Instrument ID: CBNAMS5

Lims ID: 460-104194-F-5-A Lab Sample ID: 460-104194-5

Client ID: PRA-23 NW

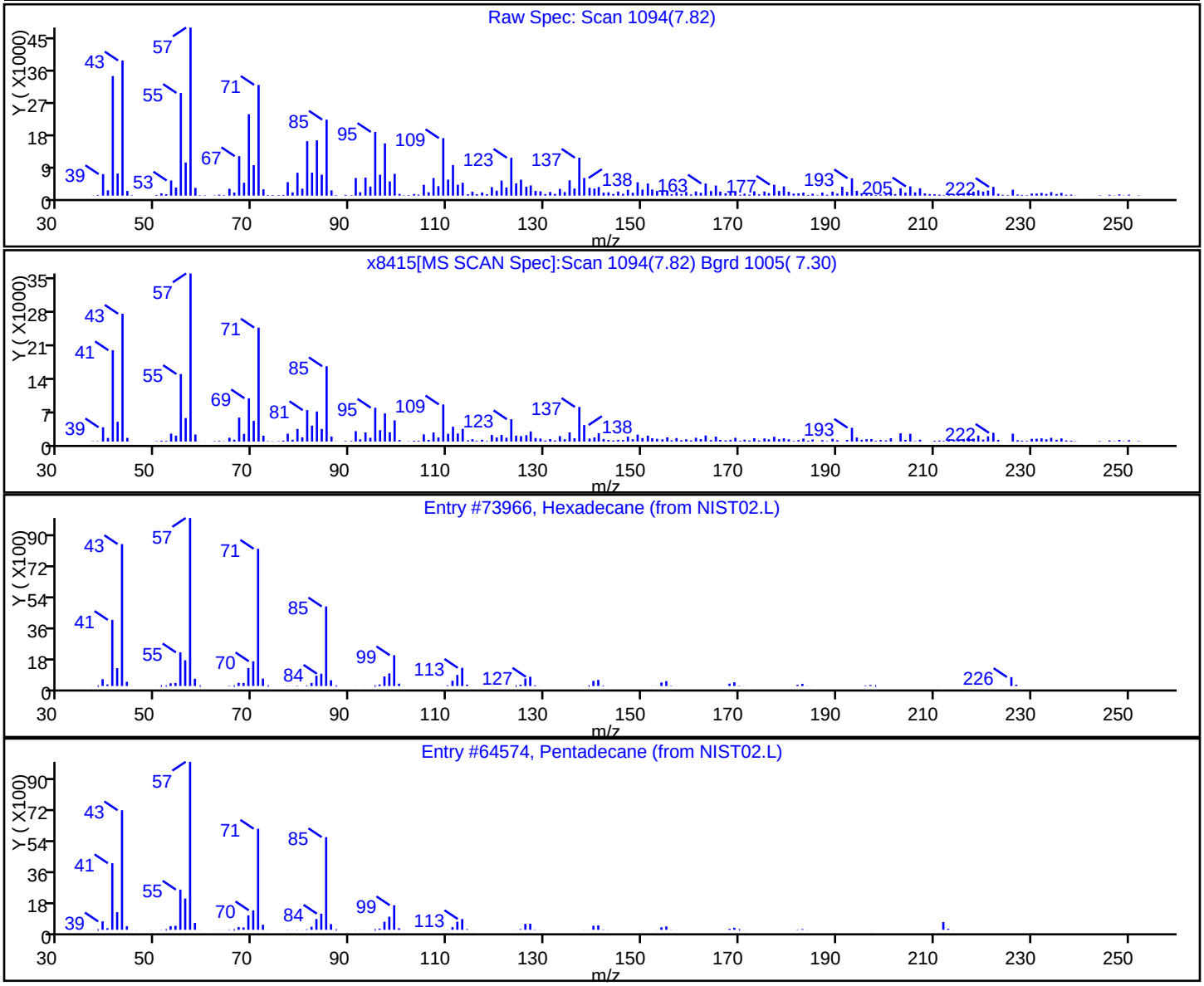
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

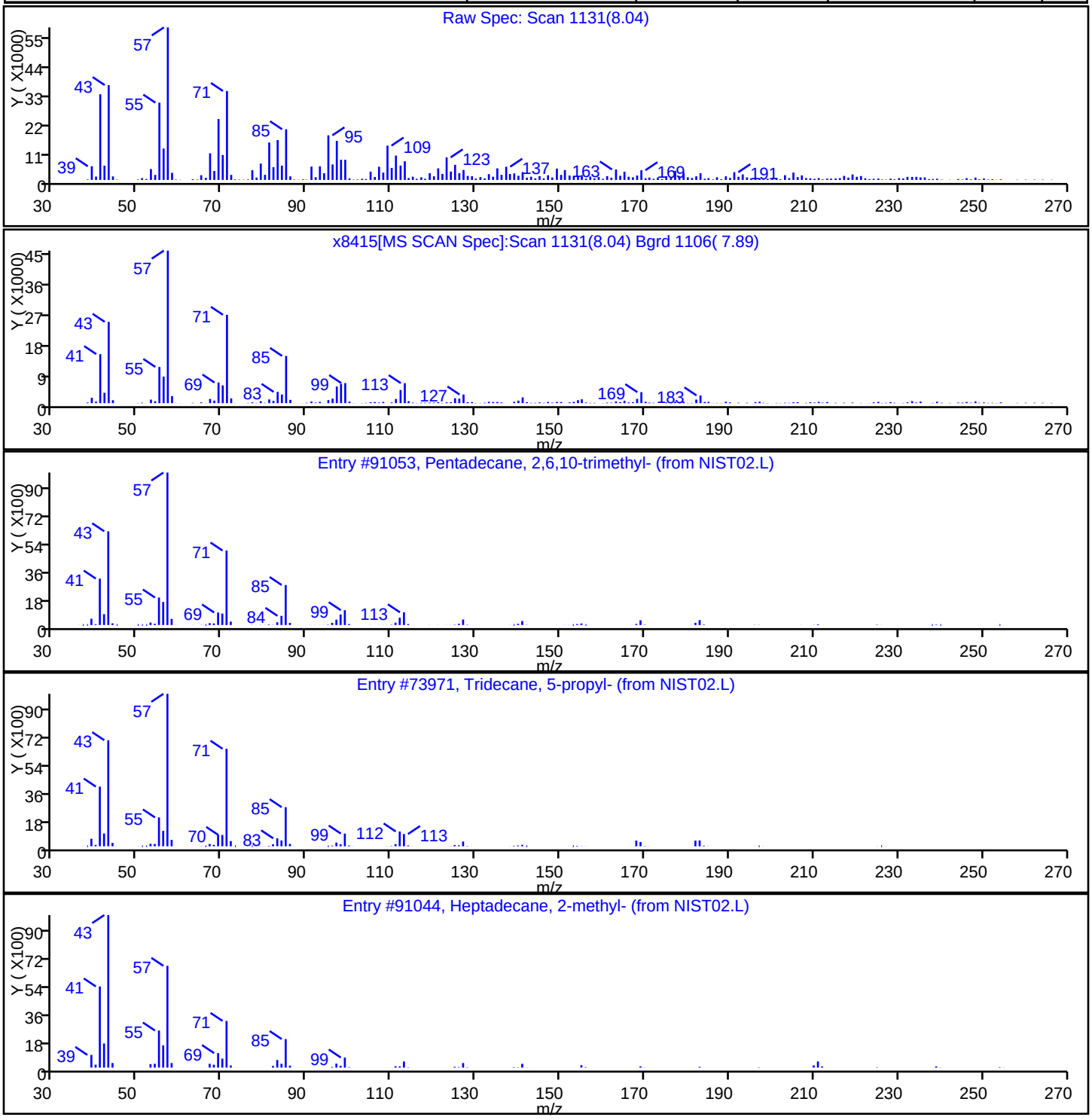
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane	544-76-3	NIST02.L	73966	C16H34	226	96
Pentadecane	629-62-9	NIST02.L	64574	C15H32	212	86



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8415.D
Injection Date: 11-Nov-2015 11:15:30 Instrument ID: CBNAMS5
Lims ID: 460-104194-F-5-A Lab Sample ID: 460-104194-5
Client ID: PRA-23 NW
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

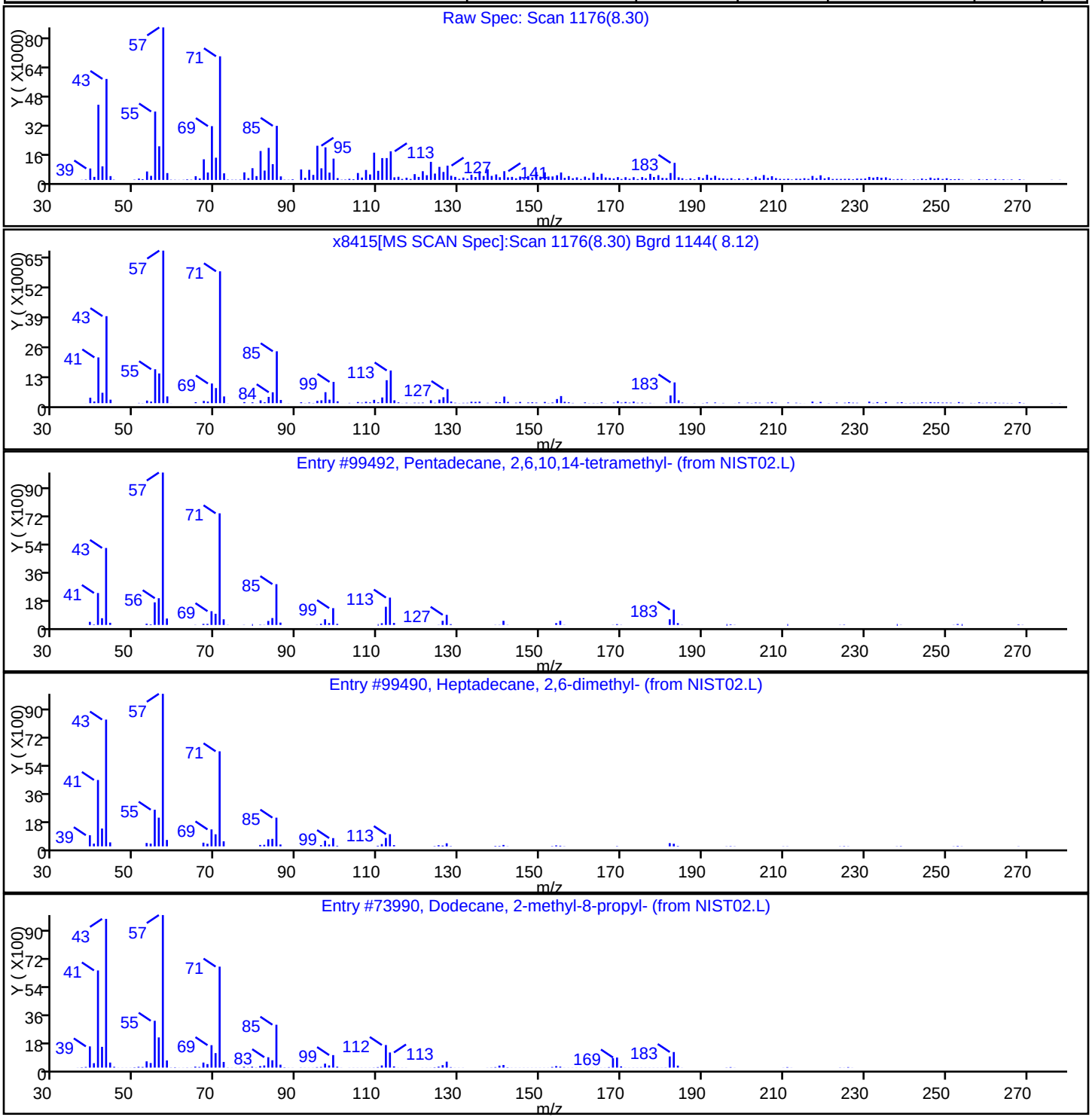
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	C18H38	254	83
Tridecane, 5-propyl-	55045-11-9	NIST02.L	73971	C16H34	226	81
Heptadecane, 2-methyl-	1560-89-0	NIST02.L	91044	C18H38	254	81



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8415.D
Injection Date: 11-Nov-2015 11:15:30 Instrument ID: CBNAMS5
Lims ID: 460-104194-F-5-A Lab Sample ID: 460-104194-5
Client ID: PRA-23 NW
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99492	C19H40	268	99
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.L	99490	C19H40	268	94
Dodecane, 2-methyl-8-propyl-	55045-07-3	NIST02.L	73990	C16H34	226	93



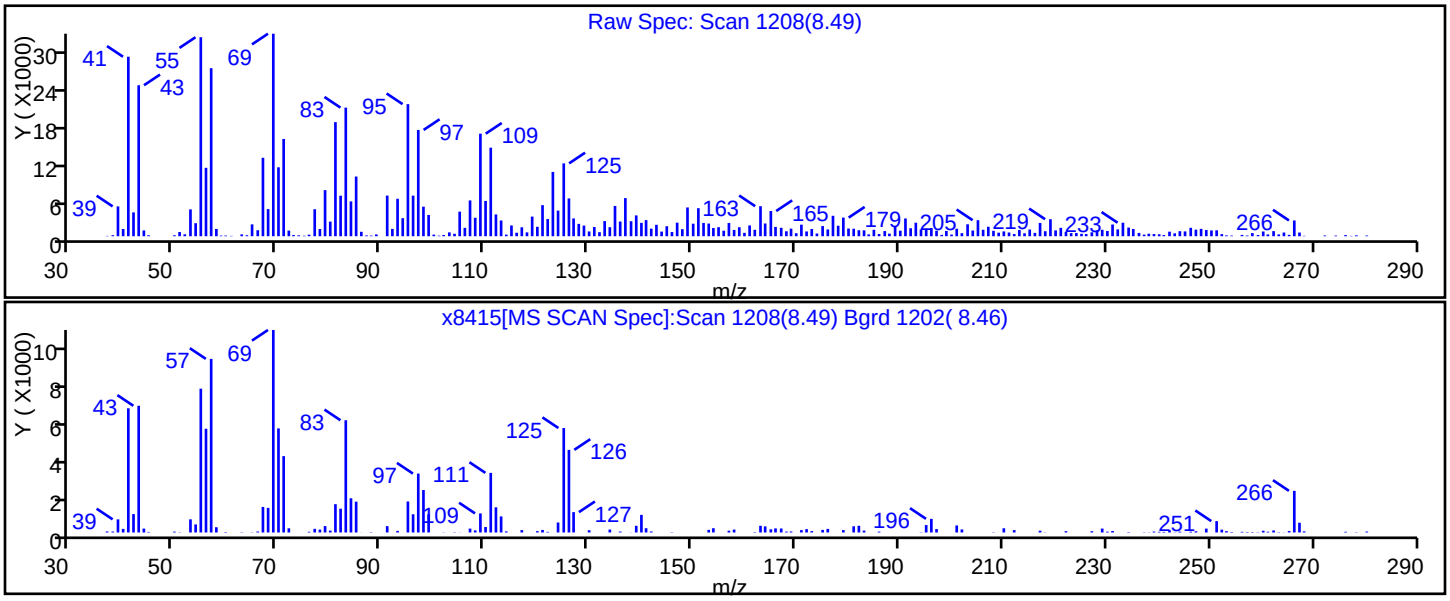
Report Date: 11-Nov-2015 23:54:27 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8415.D

Injection Date:	11-Nov-2015 11:15:30	Instrument ID:	CBNAMS5		
Lims ID:	460-104194-F-5-A	Lab Sample ID:	460-104194-5		
Client ID:	PRA-23 NW				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

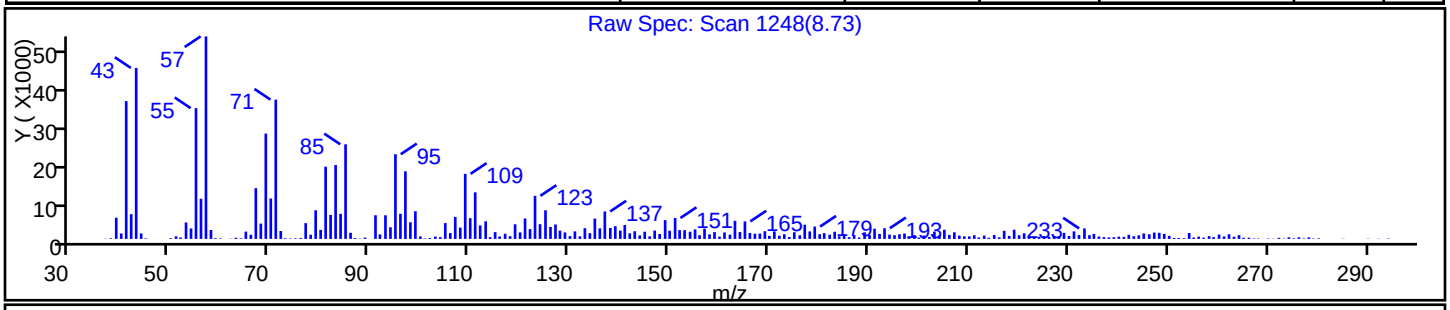
No Library Matches Found above the Threshold: 80

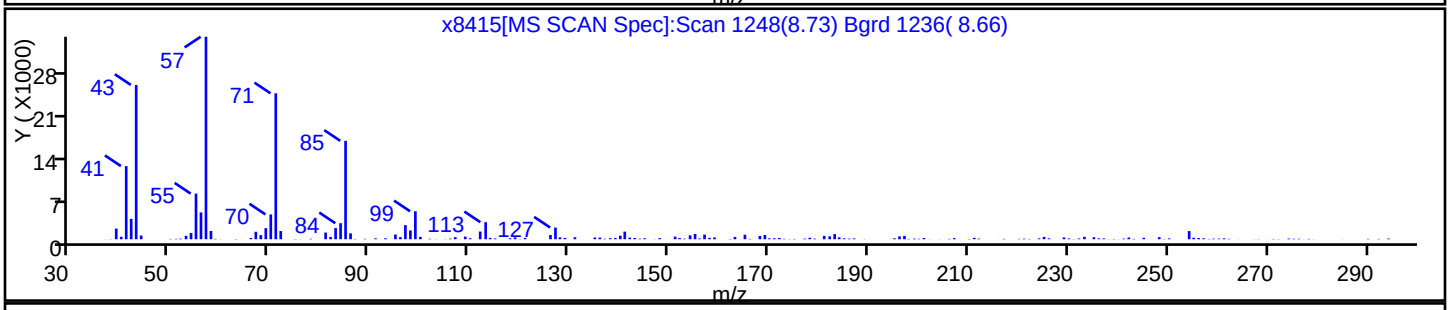


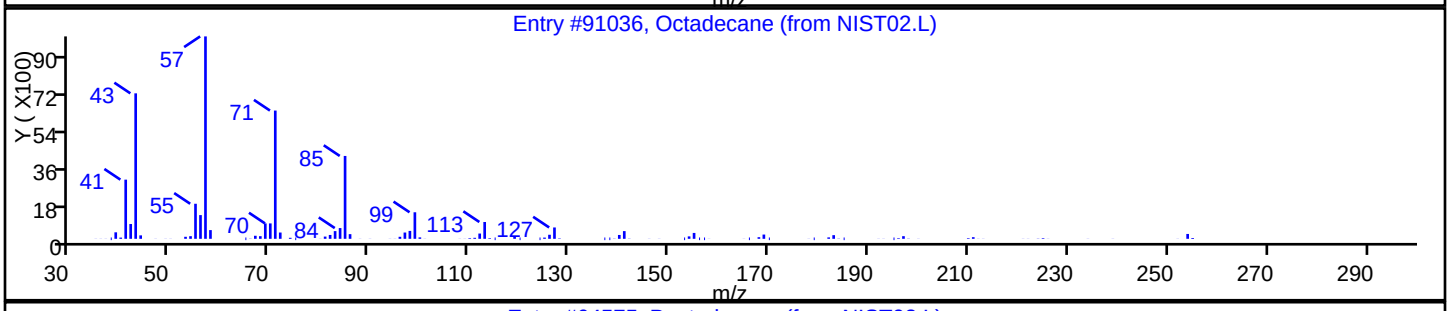
TestAmerica Edison

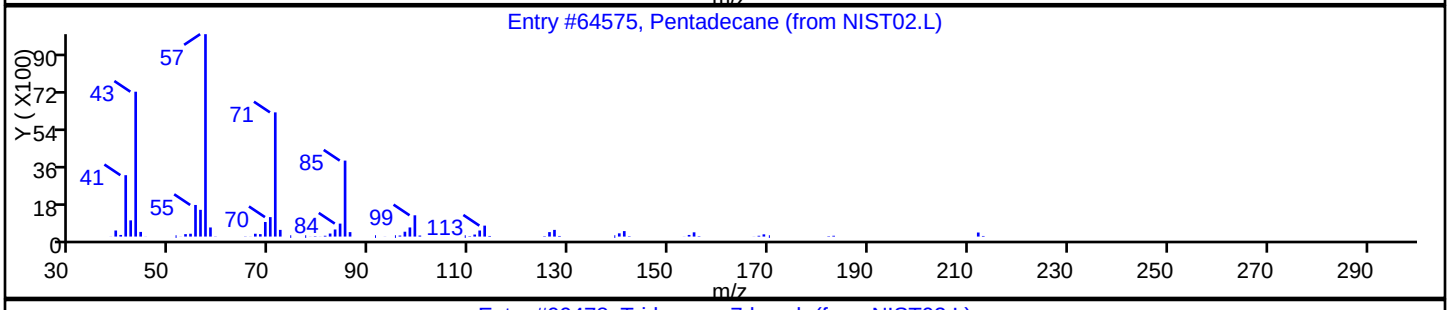
Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8415.D
Injection Date: 11-Nov-2015 11:15:30 Instrument ID: CBNAMS5
Lims ID: 460-104194-F-5-A Lab Sample ID: 460-104194-5
Client ID: PRA-23 NW
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

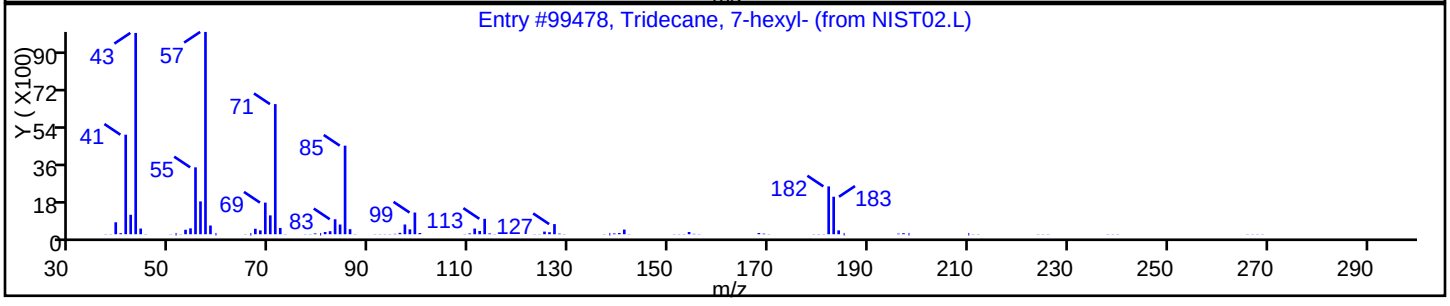
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Octadecane	593-45-3	NIST02.L	91036	C18H38	254	98
Pentadecane	629-62-9	NIST02.L	64575	C15H32	212	94
Tridecane, 7-hexyl-	7225-66-3	NIST02.L	99478	C19H40	268	93







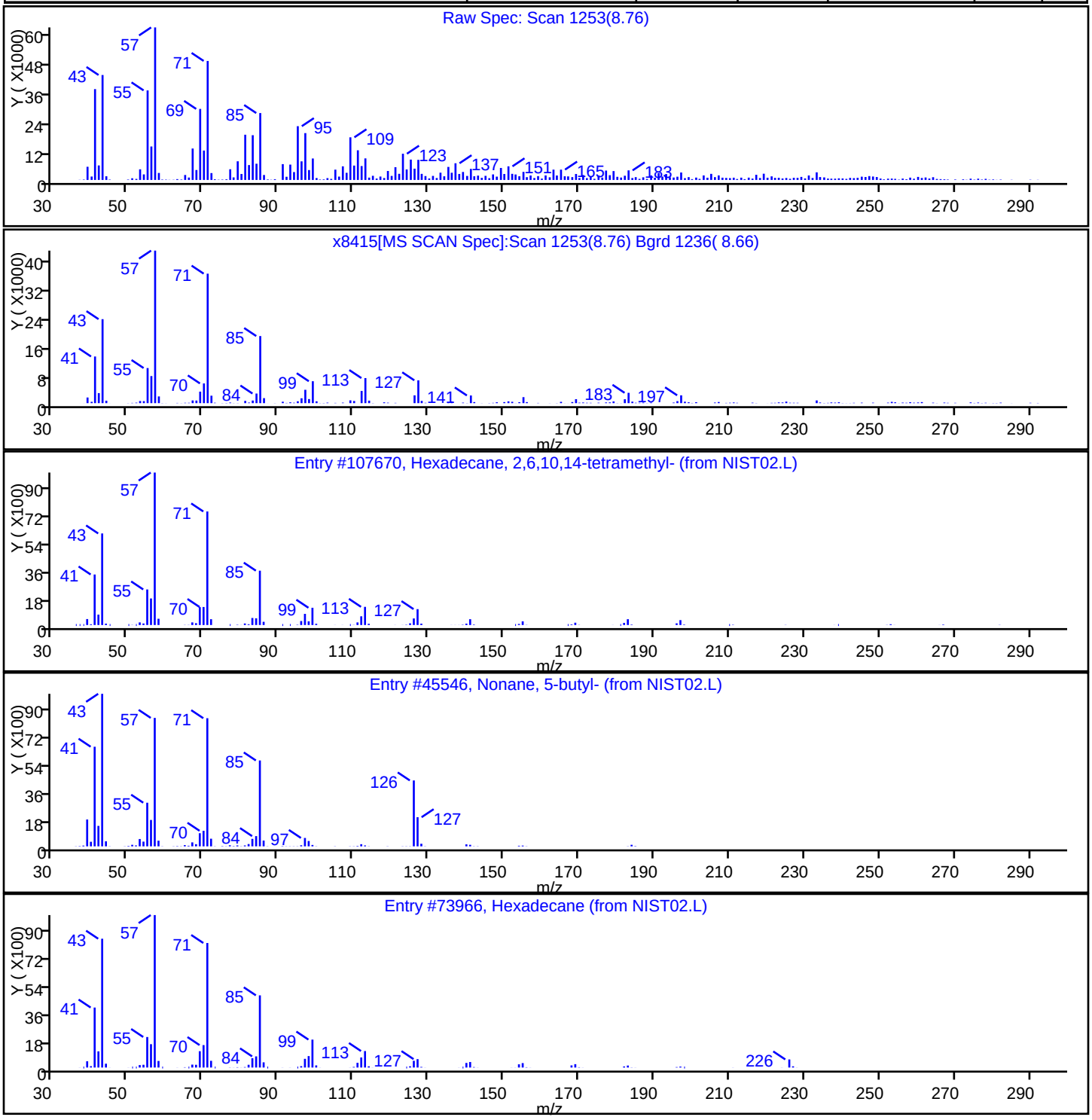




TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8415.D
Injection Date: 11-Nov-2015 11:15:30 Instrument ID: CBNAMS5
Lims ID: 460-104194-F-5-A Lab Sample ID: 460-104194-5
Client ID: PRA-23 NW
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

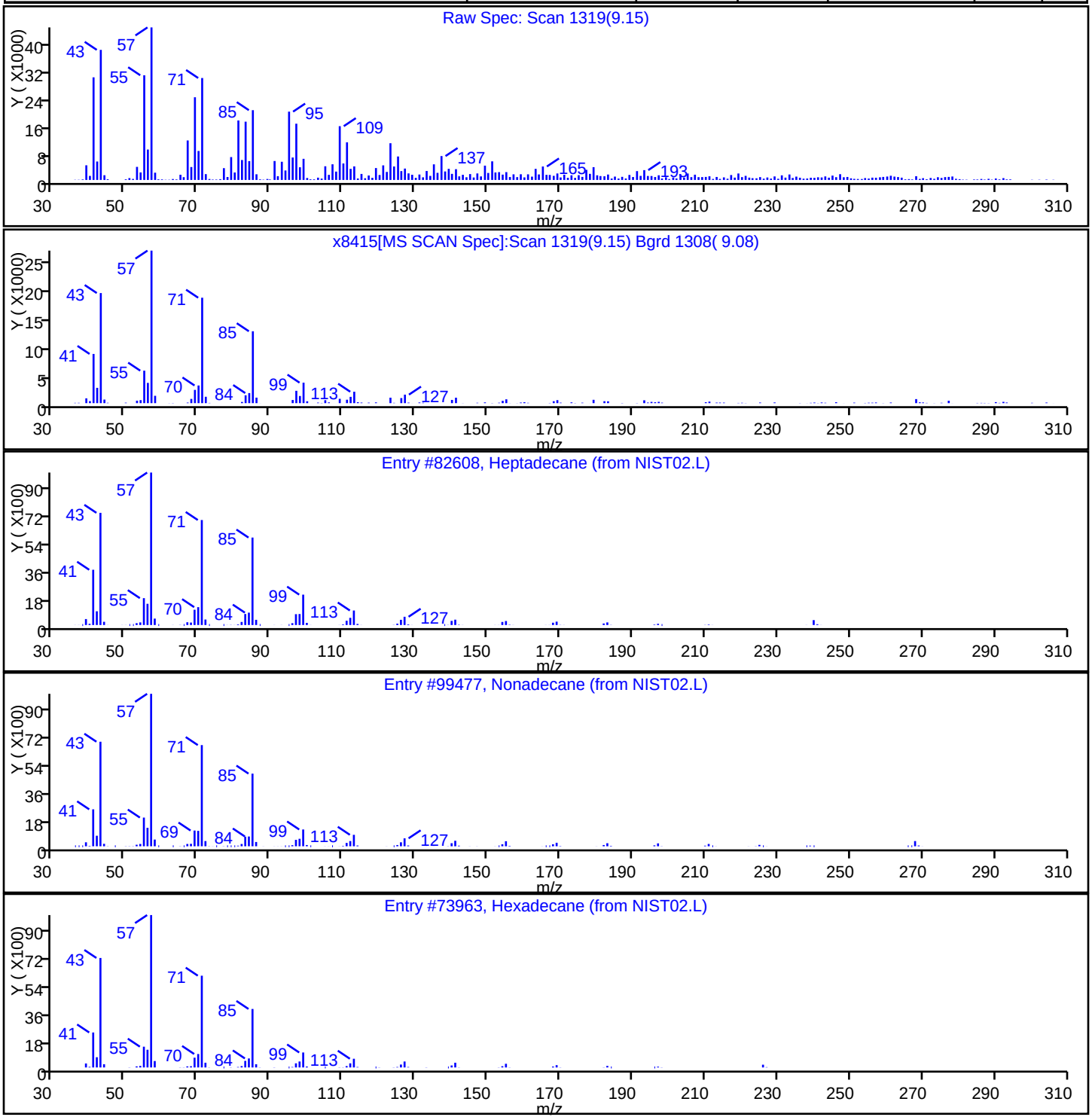
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	C20H42	282	96
Nonane, 5-butyl-	17312-63-9	NIST02.L	45546	C13H28	184	89
Hexadecane	544-76-3	NIST02.L	73966	C16H34	226	87



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8415.D
Injection Date: 11-Nov-2015 11:15:30 Instrument ID: CBNAMS5
Lims ID: 460-104194-F-5-A Lab Sample ID: 460-104194-5
Client ID: PRA-23 NW
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heptadecane	629-78-7	NIST02.L	82608	C17H36	240	96
Nonadecane	629-92-5	NIST02.L	99477	C19H40	268	95
Hexadecane	544-76-3	NIST02.L	73963	C16H34	226	90



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18 S | Lab Sample ID: 460-104194-6

Matrix: Solid | Lab File ID: x8407.D

Analysis Method: 8270D | Date Collected: 11/06/2015 10:55

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0234(g) | Date Analyzed: 11/11/2015 08:02

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	11	U	350	11
95-57-8	2-Chlorophenol	8.8	U	350	8.8
95-48-7	2-Methylphenol	15	U	350	15
106-44-5	4-Methylphenol	9.4	U	350	9.4
100-52-7	Benzaldehyde	26	U	350	26
98-86-2	Acetophenone	7.5	U	350	7.5
111-44-4	Bis(2-chloroethyl)ether	8.2	U	35	8.2
108-60-1	2,2'-oxybis[1-chloropropane]	14	U	350	14
621-64-7	N-Nitrosodi-n-propylamine	12	U	35	12
98-95-3	Nitrobenzene	11	U	35	11
67-72-1	Hexachloroethane	13	U	35	13
78-59-1	Isophorone	7.4	U	140	7.4
88-75-5	2-Nitrophenol	12	U	350	12
105-67-9	2,4-Dimethylphenol	76	U	350	76
120-83-2	2,4-Dichlorophenol	8.2	U	140	8.2
111-91-1	Bis(2-chloroethoxy)methane	11	U	350	11
91-20-3	Naphthalene	8.8	U	350	8.8
106-47-8	4-Chloroaniline	8.9	U	350	8.9
87-68-3	Hexachlorobutadiene	9.7	U	70	9.7
105-60-2	Caprolactam	25	U	350	25
59-50-7	4-Chloro-3-methylphenol	15	U	350	15
91-57-6	2-Methylnaphthalene	7.6	U	350	7.6
118-74-1	Hexachlorobenzene	14	U	35	14
77-47-4	Hexachlorocyclopentadiene	22	U	350	22
88-06-2	2,4,6-Trichlorophenol	9.8	U	140	9.8
95-95-4	2,4,5-Trichlorophenol	34	U	350	34
92-52-4	Diphenyl	30	U	350	30
91-58-7	2-Chloronaphthalene	7.9	U	350	7.9
88-74-4	2-Nitroaniline	11	U	350	11
606-20-2	2,6-Dinitrotoluene	18	U	70	18
131-11-3	Dimethyl phthalate	10	U	350	10
208-96-8	Acenaphthylene	8.9	U	350	8.9
99-09-2	3-Nitroaniline	10	U	350	10
83-32-9	Acenaphthene	8.4	U	350	8.4

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18 S | Lab Sample ID: 460-104194-6

Matrix: Solid | Lab File ID: x8407.D

Analysis Method: 8270D | Date Collected: 11/06/2015 10:55

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0234(g) | Date Analyzed: 11/11/2015 08:02

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	170	U	700	170
51-28-5	2,4-Dinitrophenol	260	U	280	260
132-64-9	Dibenzofuran	10	U	350	10
84-66-2	Diethyl phthalate	9.8	U	350	9.8
86-73-7	Fluorene	7.5	U	350	7.5
206-44-0	Fluoranthene	10	U	350	10
84-74-2	Di-n-butyl phthalate	10	U	350	10
121-14-2	2,4-Dinitrotoluene	14	U	70	14
7005-72-3	4-Chlorophenyl phenyl ether	10	U	350	10
100-01-6	4-Nitroaniline	13	U	350	13
534-52-1	4,6-Dinitro-2-methylphenol	92	U	280	92
101-55-3	4-Bromophenyl phenyl ether	11	U	350	11
1912-24-9	Atrazine	15	U	140	15
120-12-7	Anthracene	33	U	350	33
86-74-8	Carbazole	8.6	U	350	8.6
85-01-8	Phenanthrene	9.2	U	350	9.2
87-86-5	Pentachlorophenol	42	U	280	42
129-00-0	Pyrene	16	U	350	16
218-01-9	Chrysene	9.4	U	350	9.4
207-08-9	Benzo[k]fluoranthene	15	U	35	15
191-24-2	Benzo[g,h,i]perylene	20	U	350	20
205-99-2	Benzo[b]fluoranthene	14	U	35	14
50-32-8	Benzo[a]pyrene	10	U	35	10
56-55-3	Benzo[a]anthracene	29	U	35	29
86-30-6	N-Nitrosodiphenylamine	31	U *	350	31
85-68-7	Butyl benzyl phthalate	11	U	350	11
117-81-7	Bis(2-ethylhexyl) phthalate	24	J	350	14
117-84-0	Di-n-octyl phthalate	18	U	350	18
193-39-5	Indeno[1,2,3-cd]pyrene	23	U	35	23
53-70-3	Dibenz(a,h)anthracene	18	U	35	18
91-94-1	3,3'-Dichlorobenzidine	39	U	140	39
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	350	26
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	350	33

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18 S | Lab Sample ID: 460-104194-6

Matrix: Solid | Lab File ID: x8407.D

Analysis Method: 8270D | Date Collected: 11/06/2015 10:55

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0234(g) | Date Analyzed: 11/11/2015 08:02

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	60		28-92
4165-62-2	Phenol-d5	58		22-88
1718-51-0	Terphenyl-d14	74		16-114
118-79-6	2,4,6-Tribromophenol	55		10-95
367-12-4	2-Fluorophenol	55		21-84
321-60-8	2-Fluorobiphenyl	54		27-84

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18 S | Lab Sample ID: 460-104194-6

Matrix: Solid | Lab File ID: x8407.D

Analysis Method: 8270D | Date Collected: 11/06/2015 10:55

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0234(g) | Date Analyzed: 11/11/2015 08:02

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 300

CAS NO.	COMPOUND NAME	RT	RESULT	Q
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.30	300	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8407.D
Lims ID: 460-104194-F-6-A Lab Sample ID: 460-104194-6
Client ID: PRA-18 S
Sample Type: Client
Inject. Date: 11-Nov-2015 08:02:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034083-015
Operator ID: Instrument ID: CBNAMS5

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 23:53:27 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: manlangitf Date: 11-Nov-2015 10:35:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.093	3.057	0.036	97	192883	27.7	
$ 6 Phenol-d5	99	3.975	3.993	-0.018	86	227909	28.9	
* 14 1,4-Dichlorobenzene-d4	152	4.334	4.334	0.000	95	205946	40.0	
$ 26 Nitrobenzene-d5	82	4.887	4.898	-0.011	86	201901	30.2	
* 38 Naphthalene-d8	136	5.616	5.616	0.000	99	771028	40.0	
$ 51 2-Fluorobiphenyl	172	6.692	6.698	-0.006	98	419507	27.2	
* 65 Acenaphthene-d10	164	7.363	7.363	0.000	92	384363	40.0	
$ 80 2,4,6-Tribromophenol	330	8.139	8.145	-0.006	93	42061	27.6	
* 88 Phenanthrene-d10	188	8.828	8.828	0.000	98	505077	40.0	
$ 96 Terphenyl-d14	244	10.398	10.404	-0.006	99	268462	37.0	
* 102 Chrysene-d12	240	11.592	11.592	0.000	99	261574	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.616	11.622	-0.006	87	1812	0.3401	
* 109 Perylene-d12	264	13.515	13.521	-0.006	97	162529	40.0	

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8407.D				
Lims ID:	460-104194-F-6-A	Lab Sample ID:	460-104194-6		
Client ID:	PRA-18 S				
Sample Type:	Client				
Inject. Date:	11-Nov-2015 08:02:30	ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0034083-015				
Operator ID:		Instrument ID:	CBNAMS5		
Method:	\\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\8270_5R.m				
Limit Group:	SV 8270D ICAL				
Last Update:	11-Nov-2015 23:53:27	Calib Date:	08-Nov-2015 21:05:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\ChromNA\Edison\Database\NIST02.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK009				
First Level Reviewer: manlangitf		Date:	11-Nov-2015 10:35:14		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-						
8.298	132991	4.25	88	99	99493	C19H40	268	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 88 Phenanthrene-d10	8.828	1250788	40.0

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

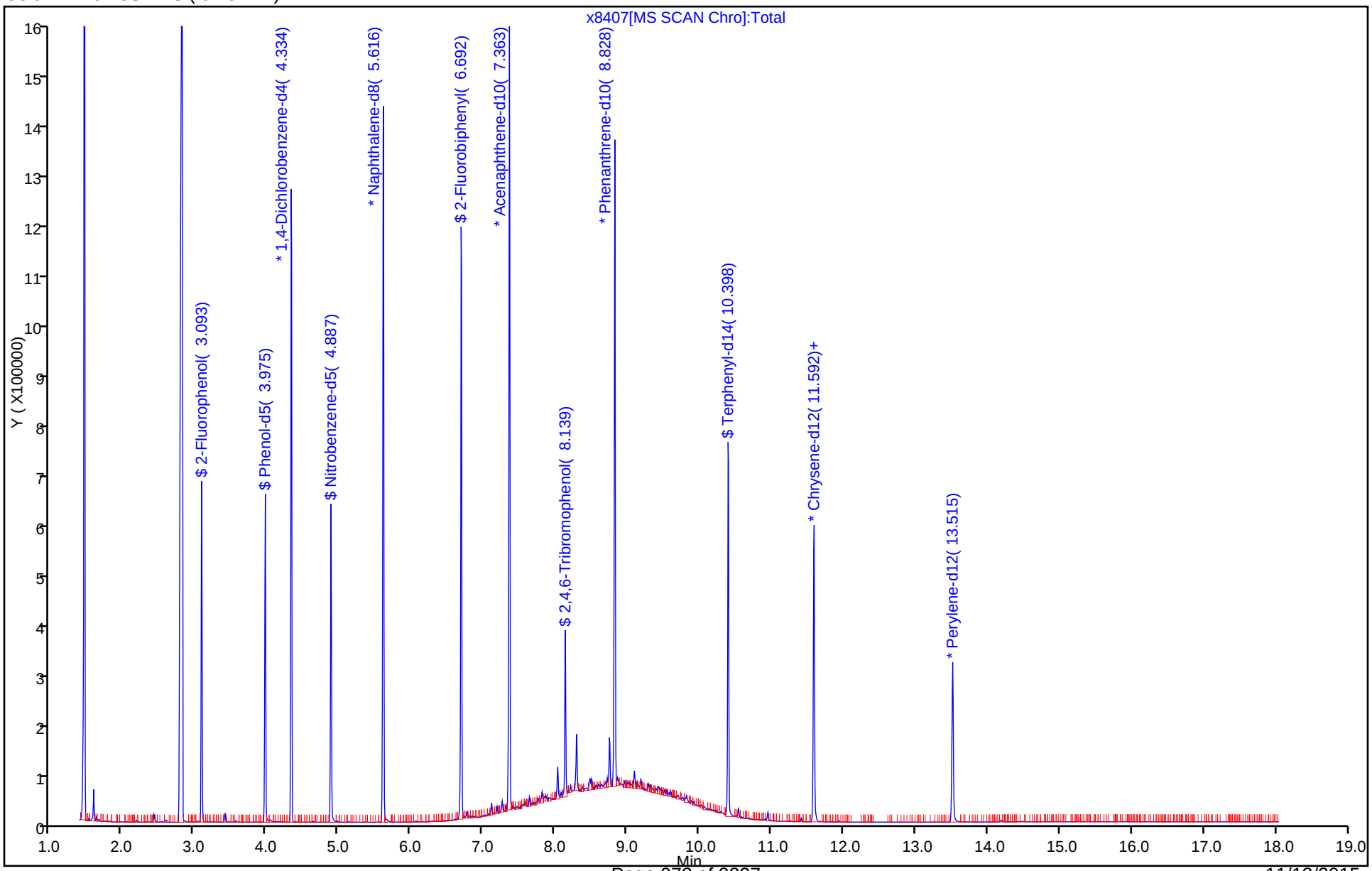
Report Date: 11-Nov-2015 23:53:41 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8407.D

Injection Date:	11-Nov-2015 08:02:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	460-104194-F-6-A	Lab Sample ID:	460-104194-6	Worklist Smp#:	15
Client ID:	PRA-18 S				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

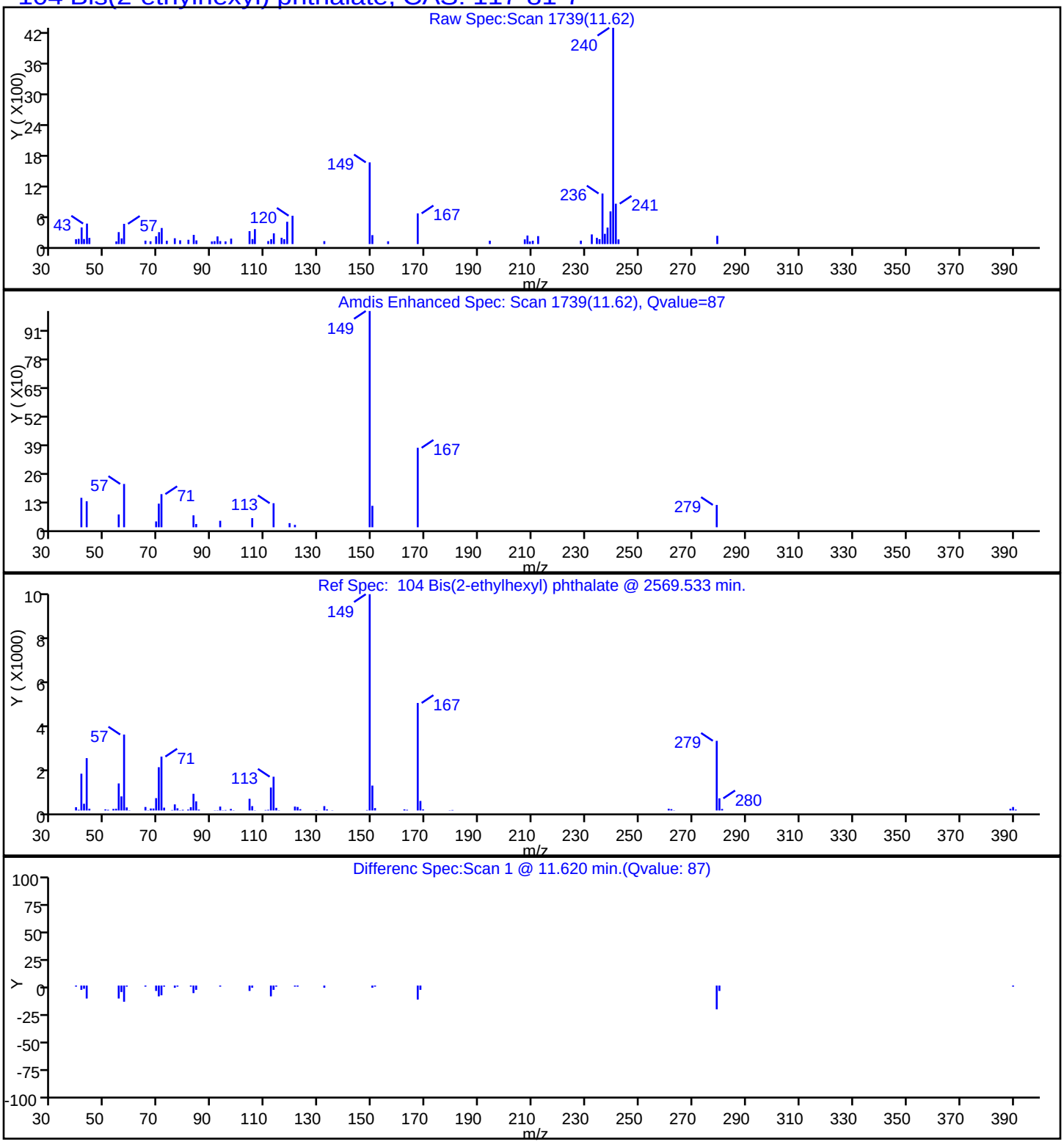
Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8407.D				
Injection Date:	11-Nov-2015 08:02:30	Instrument ID:	CBNAMS5		
Lims ID:	460-104194-F-6-A	Lab Sample ID:	460-104194-6		
Client ID:	PRA-18 S				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

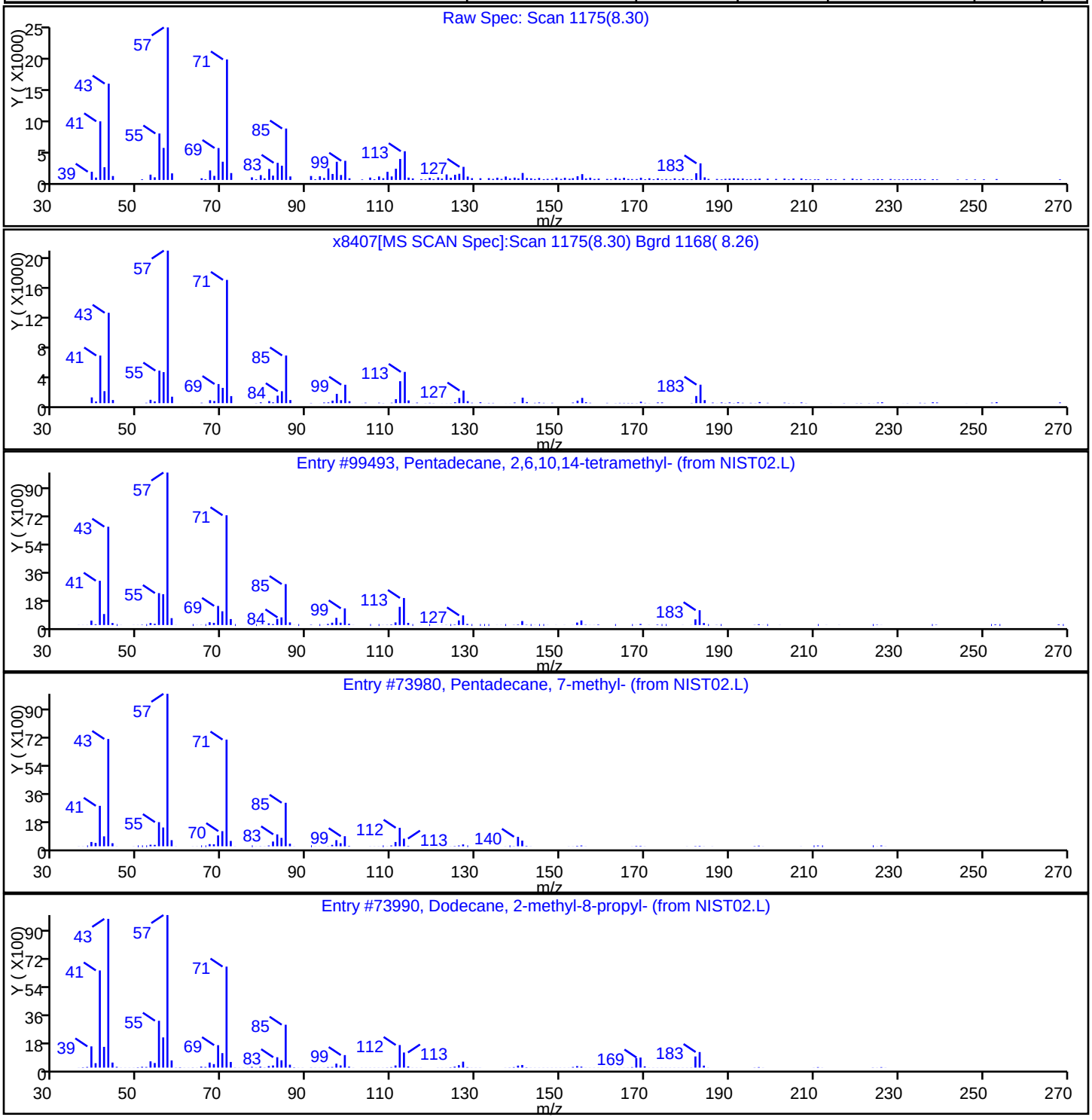
104 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8407.D
Injection Date: 11-Nov-2015 08:02:30 Instrument ID: CBNAMS5
Lims ID: 460-104194-F-6-A Lab Sample ID: 460-104194-6
Client ID: PRA-18 S
Operator ID: ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99493	C19H40	268	99
Pentadecane, 7-methyl-	6165-40-8	NIST02.L	73980	C16H34	226	94
Dodecane, 2-methyl-8-propyl-	55045-07-3	NIST02.L	73990	C16H34	226	93



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-10 W | Lab Sample ID: 460-104194-7

Matrix: Solid | Lab File ID: x8408.D

Analysis Method: 8270D | Date Collected: 11/06/2015 10:14

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0591(g) | Date Analyzed: 11/11/2015 08:27

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	11	U	340	11
95-57-8	2-Chlorophenol	8.8	U	340	8.8
95-48-7	2-Methylphenol	15	U	340	15
106-44-5	4-Methylphenol	9.4	U	340	9.4
100-52-7	Benzaldehyde	26	U	340	26
98-86-2	Acetophenone	7.5	U	340	7.5
111-44-4	Bis(2-chloroethyl)ether	8.1	U	34	8.1
108-60-1	2,2'-oxybis[1-chloropropane]	14	U	340	14
621-64-7	N-Nitrosodi-n-propylamine	12	U	34	12
98-95-3	Nitrobenzene	11	U	34	11
67-72-1	Hexachloroethane	13	U	34	13
78-59-1	Isophorone	7.4	U	140	7.4
88-75-5	2-Nitrophenol	12	U	340	12
105-67-9	2,4-Dimethylphenol	76	U	340	76
120-83-2	2,4-Dichlorophenol	8.1	U	140	8.1
111-91-1	Bis(2-chloroethoxy)methane	11	U	340	11
91-20-3	Naphthalene	8.8	U	340	8.8
106-47-8	4-Chloroaniline	8.9	U	340	8.9
87-68-3	Hexachlorobutadiene	9.7	U	70	9.7
105-60-2	Caprolactam	25	U	340	25
59-50-7	4-Chloro-3-methylphenol	15	U	340	15
91-57-6	2-Methylnaphthalene	7.6	U	340	7.6
118-74-1	Hexachlorobenzene	14	U	34	14
77-47-4	Hexachlorocyclopentadiene	21	U	340	21
88-06-2	2,4,6-Trichlorophenol	9.8	U	140	9.8
95-95-4	2,4,5-Trichlorophenol	34	U	340	34
92-52-4	Diphenyl	29	U	340	29
91-58-7	2-Chloronaphthalene	7.8	U	340	7.8
88-74-4	2-Nitroaniline	11	U	340	11
606-20-2	2,6-Dinitrotoluene	18	U	70	18
131-11-3	Dimethyl phthalate	10	U	340	10
208-96-8	Acenaphthylene	8.9	U	340	8.9
99-09-2	3-Nitroaniline	10	U	340	10
83-32-9	Acenaphthene	8.3	U	340	8.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-10 W | Lab Sample ID: 460-104194-7

Matrix: Solid | Lab File ID: x8408.D

Analysis Method: 8270D | Date Collected: 11/06/2015 10:14

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0591(g) | Date Analyzed: 11/11/2015 08:27

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	170	U	700	170
51-28-5	2,4-Dinitrophenol	260	U	280	260
132-64-9	Dibenzofuran	10	U	340	10
84-66-2	Diethyl phthalate	9.8	U	340	9.8
86-73-7	Fluorene	7.5	U	340	7.5
206-44-0	Fluoranthene	10	U	340	10
84-74-2	Di-n-butyl phthalate	10	U	340	10
121-14-2	2,4-Dinitrotoluene	14	U	70	14
7005-72-3	4-Chlorophenyl phenyl ether	10	U	340	10
100-01-6	4-Nitroaniline	13	U	340	13
534-52-1	4,6-Dinitro-2-methylphenol	92	U	280	92
101-55-3	4-Bromophenyl phenyl ether	11	U	340	11
1912-24-9	Atrazine	15	U	140	15
120-12-7	Anthracene	33	U	340	33
86-74-8	Carbazole	8.6	U	340	8.6
85-01-8	Phenanthrene	9.2	U	340	9.2
87-86-5	Pentachlorophenol	42	U	280	42
129-00-0	Pyrene	16	U	340	16
218-01-9	Chrysene	9.4	U	340	9.4
207-08-9	Benzo[k]fluoranthene	15	U	34	15
191-24-2	Benzo[g,h,i]perylene	20	U	340	20
205-99-2	Benzo[b]fluoranthene	13	U	34	13
50-32-8	Benzo[a]pyrene	10	U	34	10
56-55-3	Benzo[a]anthracene	29	U	34	29
86-30-6	N-Nitrosodiphenylamine	31	U *	340	31
85-68-7	Butyl benzyl phthalate	11	U	340	11
117-81-7	Bis(2-ethylhexyl) phthalate	19	J	340	13
117-84-0	Di-n-octyl phthalate	18	U	340	18
193-39-5	Indeno[1,2,3-cd]pyrene	23	U	34	23
53-70-3	Dibenz(a,h)anthracene	18	U	34	18
91-94-1	3,3'-Dichlorobenzidine	39	U	140	39
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	340	26
58-90-2	2,3,4,6-Tetrachlorophenol	32	U	340	32

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-10 W | Lab Sample ID: 460-104194-7

Matrix: Solid | Lab File ID: x8408.D

Analysis Method: 8270D | Date Collected: 11/06/2015 10:14

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0591(g) | Date Analyzed: 11/11/2015 08:27

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	49		28-92
4165-62-2	Phenol-d5	45		22-88
1718-51-0	Terphenyl-d14	58		16-114
118-79-6	2,4,6-Tribromophenol	48		10-95
367-12-4	2-Fluorophenol	44		21-84
321-60-8	2-Fluorobiphenyl	45		27-84

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-10 W | Lab Sample ID: 460-104194-7

Matrix: Solid | Lab File ID: x8408.D

Analysis Method: 8270D | Date Collected: 11/06/2015 10:14

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0591(g) | Date Analyzed: 11/11/2015 08:27

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 18390

CAS NO.	COMPOUND NAME	RT	RESULT	Q
629-59-4	Tetradecane	6.80	480	J N
31295-56-4	Dodecane, 2,6,11-trimethyl-	7.12	530	J N
544-76-3	Hexadecane	7.82	720	J N
55045-11-9	Tridecane, 5-propyl-	8.04	1200	J N
1000130-97-9	E-15-Heptadecenal	8.12	420	J N
112-88-9	1-Octadecene	8.22	710	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.30	3600	J N
18435-45-5	1-Nonadecene	8.38	500	J N
18435-45-5	1-Nonadecene	8.43	600	J N
1000130-87-5	Z-8-Hexadecene	8.48	1000	J N
	Unknown	8.51	680	J
	Unknown	8.57	450	J
	Unknown	8.60	490	J
18435-45-5	1-Nonadecene	8.65	420	J N
593-45-3	Octadecane	8.73	1400	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.76	2300	J N
544-76-3	Hexadecane	9.10	440	J N
629-92-5	Nonadecane	9.15	1100	J N
112-95-8	Eicosane	9.55	860	J N
629-94-7	Heneicosane	9.93	490	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8408.D
Lims ID: 460-104194-F-7-A Lab Sample ID: 460-104194-7
Client ID: PRA-10 W
Sample Type: Client
Inject. Date: 11-Nov-2015 08:27:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034083-016
Operator ID: Instrument ID: CBNAMS5

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 23:53:27 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: manlangitf Date: 11-Nov-2015 10:33:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.087	3.057	0.030	97	136636	22.0	
$ 6 Phenol-d5	99	3.969	3.993	-0.024	86	159369	22.7	
* 14 1,4-Dichlorobenzene-d4	152	4.334	4.334	0.000	95	183357	40.0	
$ 26 Nitrobenzene-d5	82	4.887	4.898	-0.011	86	141598	24.4	
* 38 Naphthalene-d8	136	5.610	5.616	-0.006	99	668838	40.0	
$ 51 2-Fluorobiphenyl	172	6.692	6.698	-0.006	98	278778	22.5	
* 65 Acenaphthene-d10	164	7.363	7.363	0.000	92	308444	40.0	
$ 80 2,4,6-Tribromophenol	330	8.145	8.145	0.000	93	29318	23.9	
* 88 Phenanthrene-d10	188	8.828	8.828	0.000	99	378331	40.0	
$ 96 Terphenyl-d14	244	10.404	10.404	0.000	99	150972	29.1	
* 102 Chrysene-d12	240	11.592	11.592	0.000	99	187019	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.616	11.622	-0.006	84	1023	0.2686	
* 109 Perylene-d12	264	13.515	13.521	-0.006	97	129026	40.0	

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8408.D
Lims ID: 460-104194-F-7-A Lab Sample ID: 460-104194-7
Client ID: PRA-10 W
Sample Type: Client
Inject. Date: 11-Nov-2015 08:27:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034083-016
Operator ID: Instrument ID: CBNAMS5

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 23:53:27 Calib Date: 08-Nov-2015 21:05:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: manlangitf Date: 11-Nov-2015 10:33:57

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	629-59-4 Tetradecane							
6.798	243703	6.85	65	96	55009	C14H30	198	
	31295-56-4 Dodecane, 2,6,11-trimethyl-							
7.116	269556	7.57	65	81	64591	C15H32	212	
	544-76-3 Hexadecane							
7.816	368329	10.3	65	97	73967	C16H34	226	
	55045-11-9 Tridecane, 5-propyl-							
8.039	618097	17.4	65	87	73971	C16H34	226	
	1000130-97-9 E-15-Heptadecenal							
8.116	155178	6.09	88	86	89757	C17H32O	252	
	112-88-9 1-Octadecene							
8.216	260125	10.2	88	94	89781	C18H36	252	
	1921-70-6 Pentadecane, 2,6,10,14-tetramethyl-							
8.304	1316207	51.7	88	98	99493	C19H40	268	
	18435-45-5 1-Nonadecene							
8.381	183855	7.22	88	94	98171	C19H38	266	
	18435-45-5 1-Nonadecene							
8.433	219161	8.61	88	83	98171	C19H38	266	
	1000130-87-5 Z-8-Hexadecene							
8.481	378182	14.8	88	81	72490	C16H32	224	
	Unknown							
8.510	249745	9.81	88					
	Unknown							
8.569	163996	6.44	88					

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
8.604	180337	7.08	88					
	18435-45-5	1-Nonadecene						
8.645	155220	6.09	88	80	98171	C19H38	266	
	593-45-3	Octadecane						
8.728	506328	19.9	88	98	91036	C18H38	254	
	638-36-8	Hexadecane, 2,6,10,14-tetramethyl-						
8.757	841385	33.0	88	98	107670	C20H42	282	
	544-76-3	Hexadecane						
9.104	161357	6.34	88	86	73968	C16H34	226	
	629-92-5	Nonadecane						
9.145	408425	16.0	88	98	99477	C19H40	268	
	112-95-8	Eicosane						
9.545	316396	12.4	88	97	107651	C20H42	282	
	629-94-7	Heneicosane						
9.927	178049	6.99	88	95	115570	C21H44	296	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 65 Acenaphthene-d10	7.363	1423938	40.0
* 88 Phenanthrene-d10	8.828	1018758	40.0

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

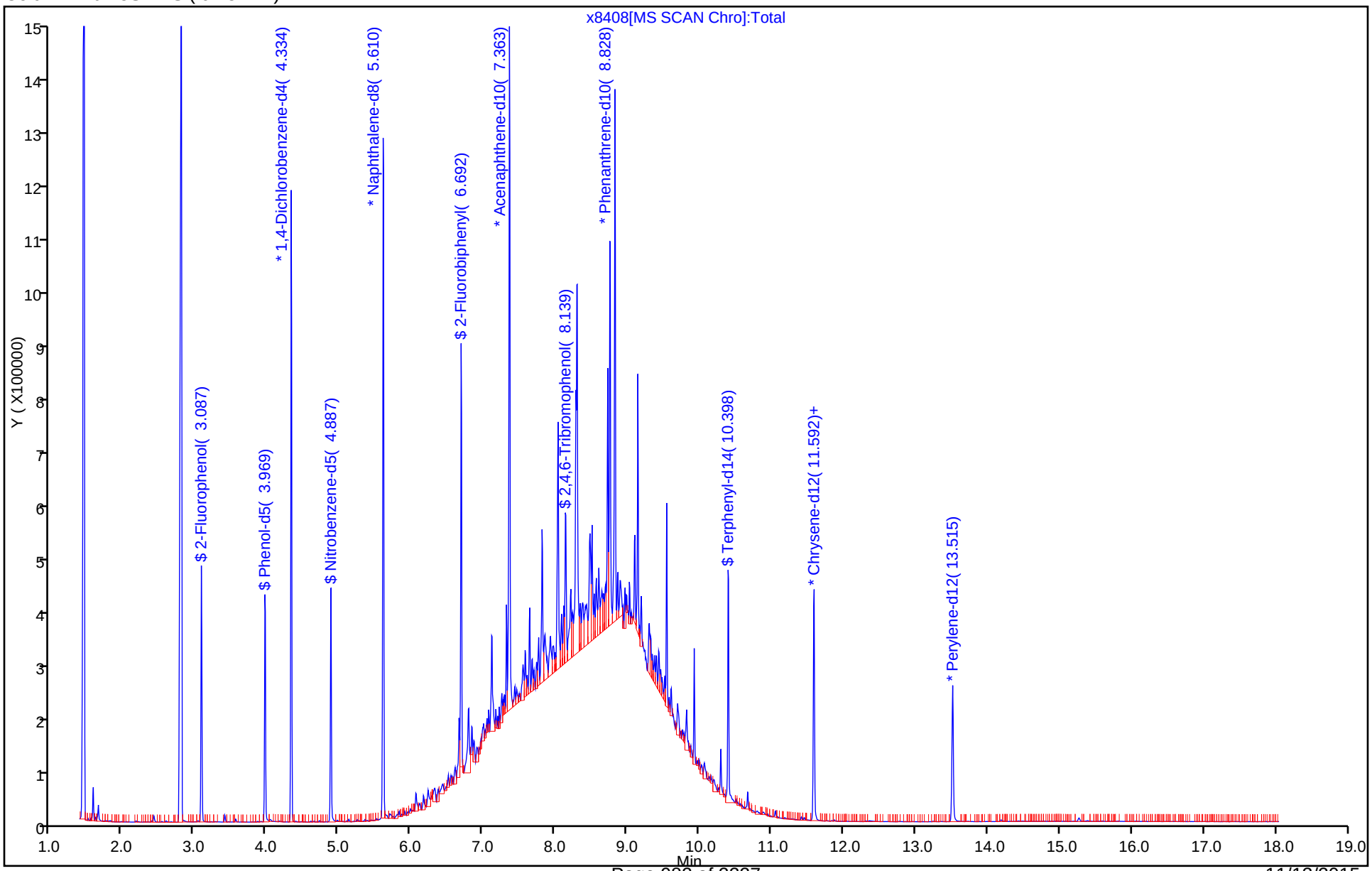
Report Date: 11-Nov-2015 23:53:46 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8408.D

Injection Date:	11-Nov-2015 08:27:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	460-104194-F-7-A	Lab Sample ID:	460-104194-7	Worklist Smp#:	16
Client ID:	PRA-10 W				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

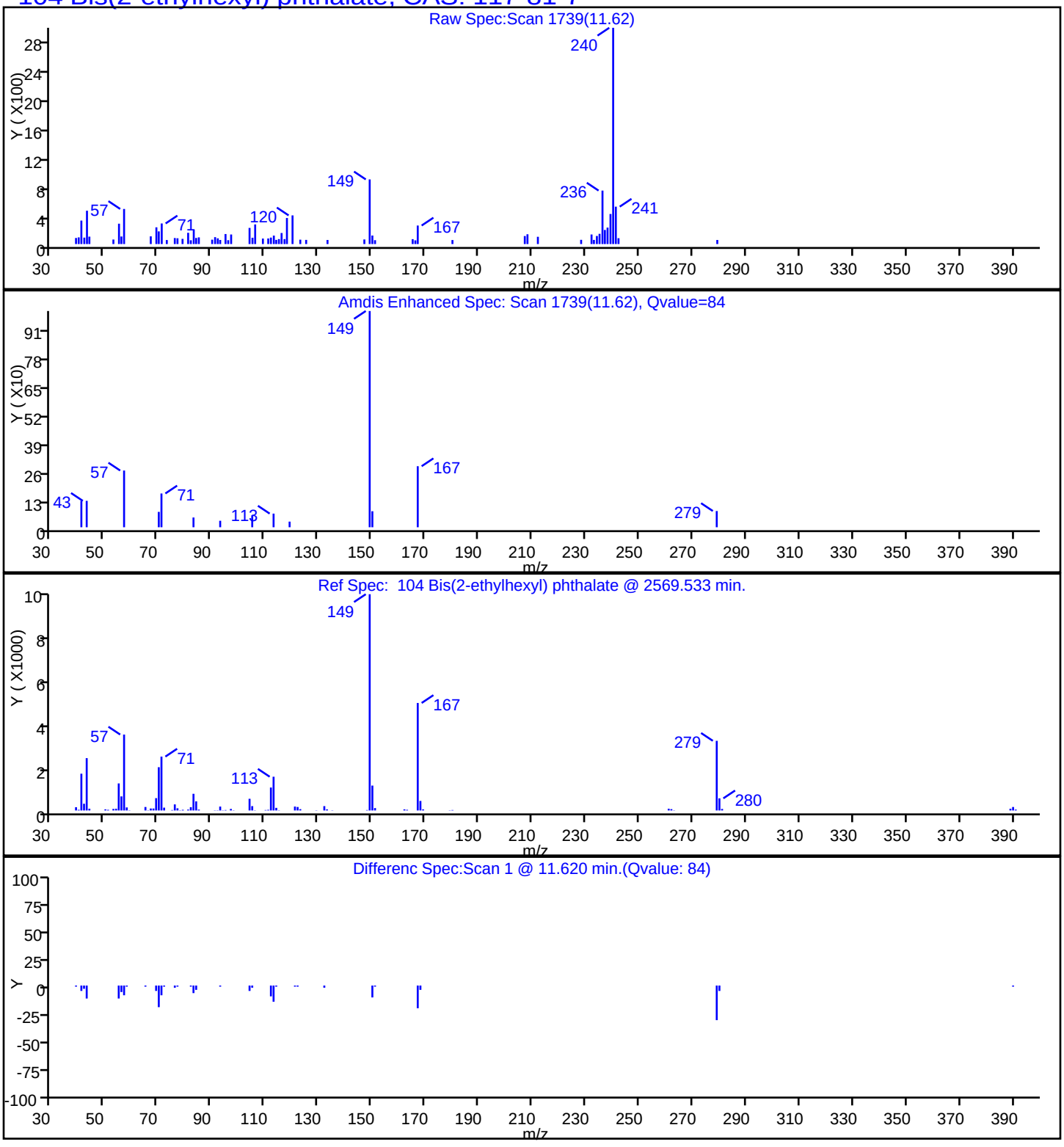
Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8408.D				
Injection Date:	11-Nov-2015 08:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-104194-F-7-A	Lab Sample ID:	460-104194-7		
Client ID:	PRA-10 W				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7



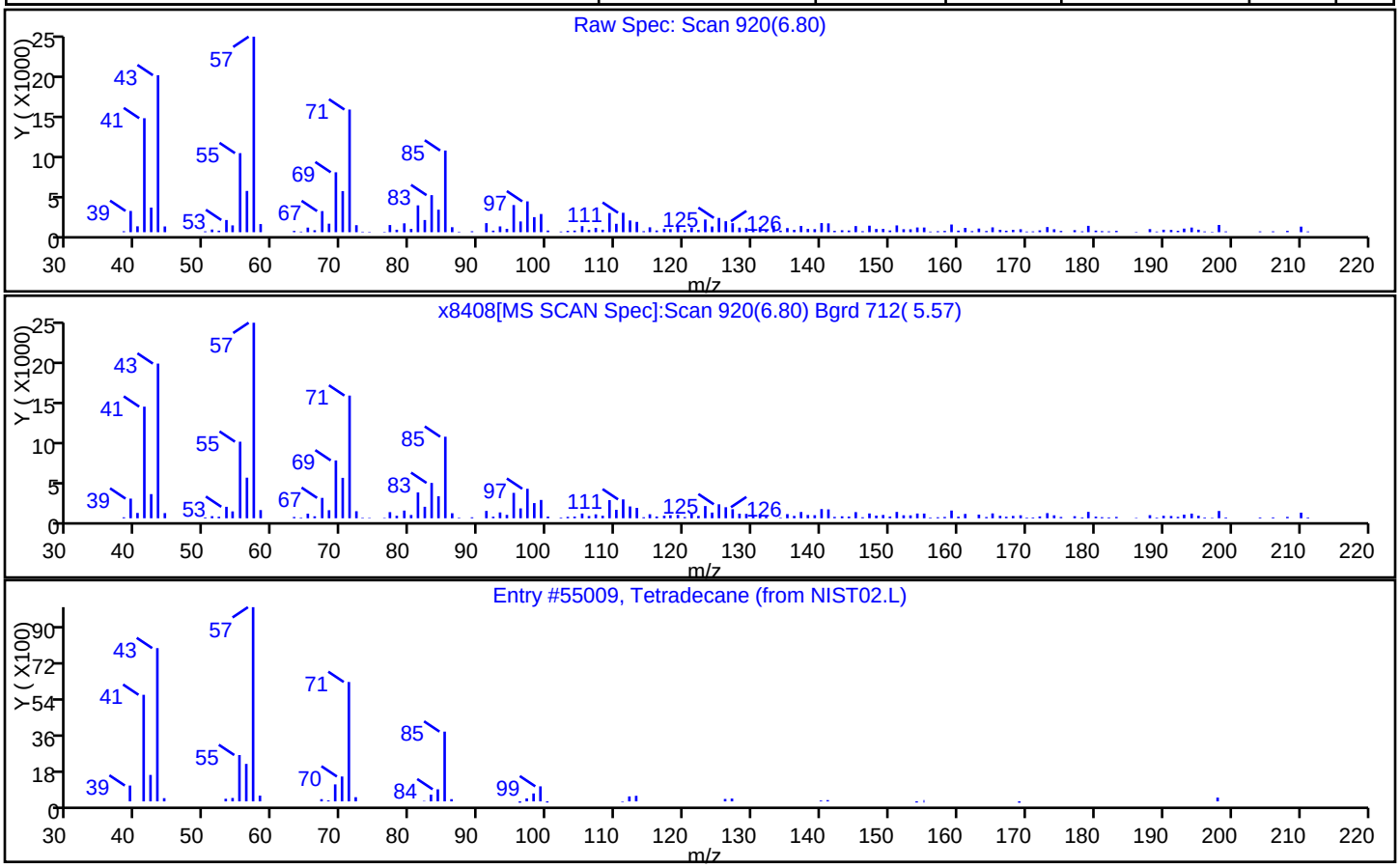
Report Date: 11-Nov-2015 23:53:46 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8408.D

Injection Date:	11-Nov-2015 08:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-104194-F-7-A	Lab Sample ID:	460-104194-7		
Client ID:	PRA-10 W				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tetradecane	629-59-4	NIST02.L	55009	C14H30	198	96



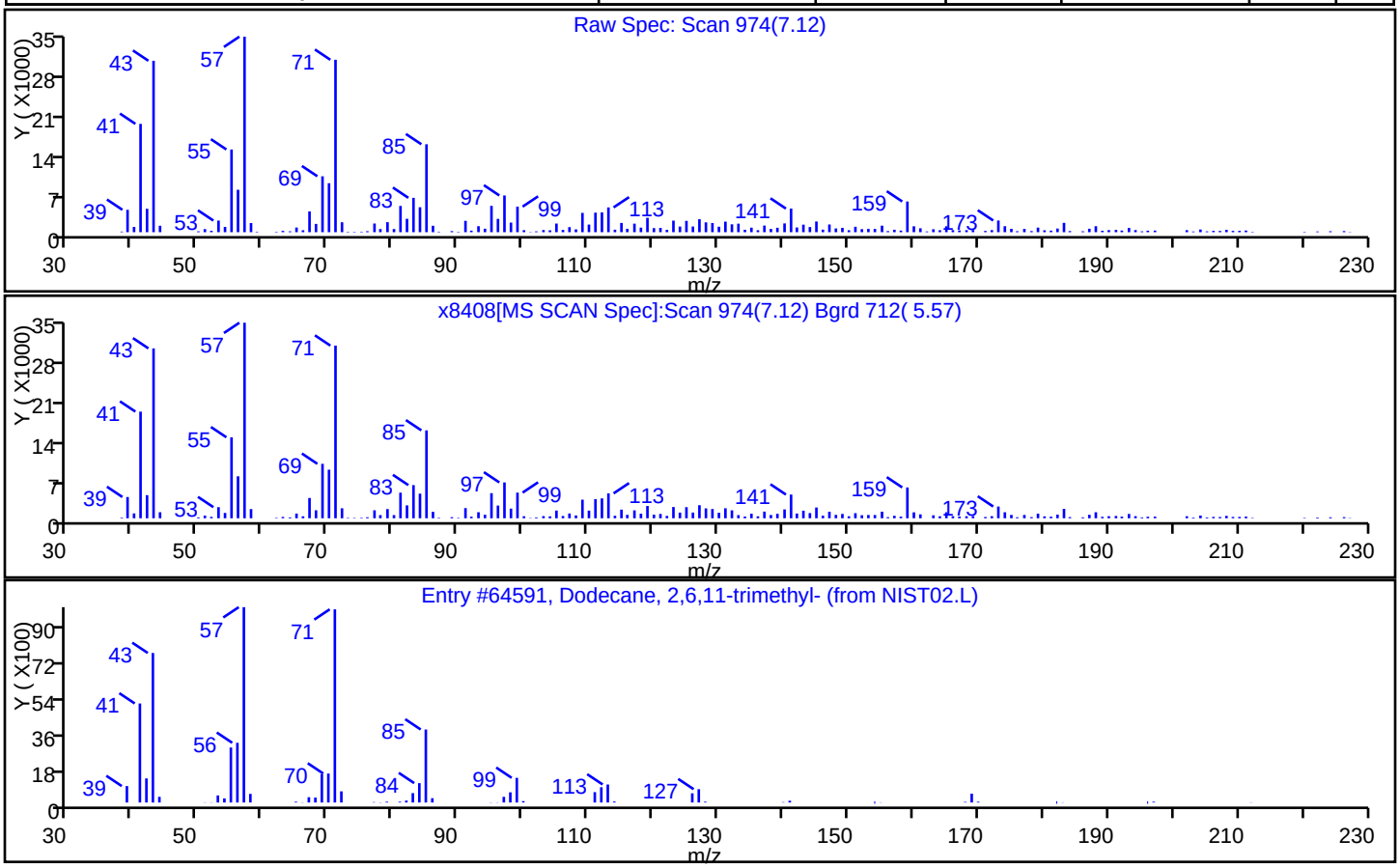
Report Date: 11-Nov-2015 23:53:47 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8408.D

Injection Date:	11-Nov-2015 08:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-104194-F-7-A	Lab Sample ID:	460-104194-7		
Client ID:	PRA-10 W				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

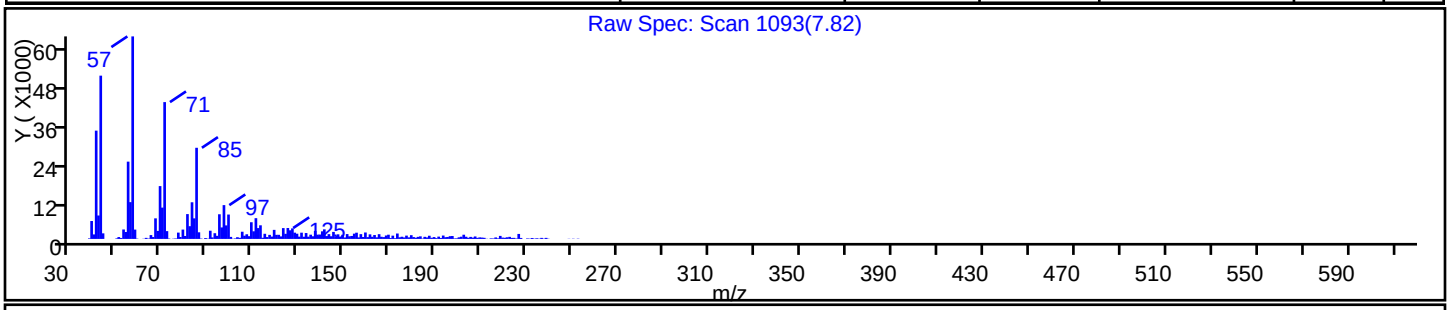
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64591	C15H32	212	81

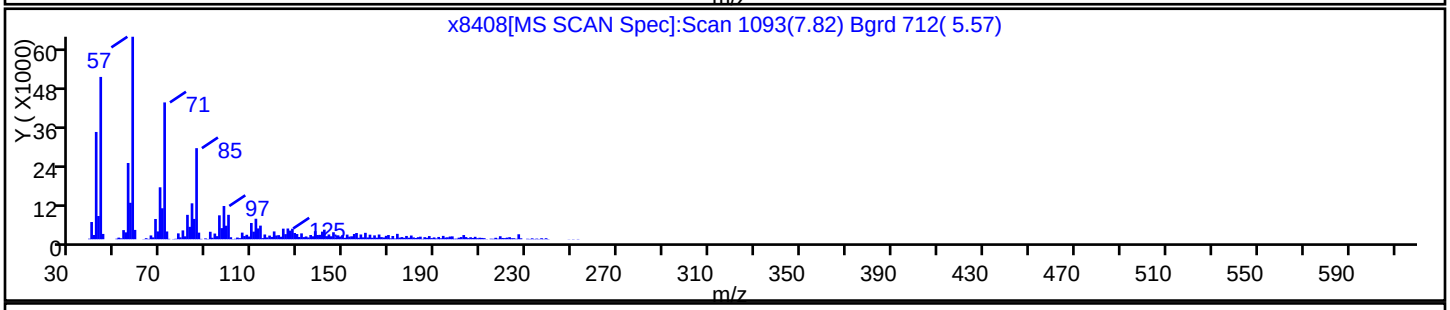


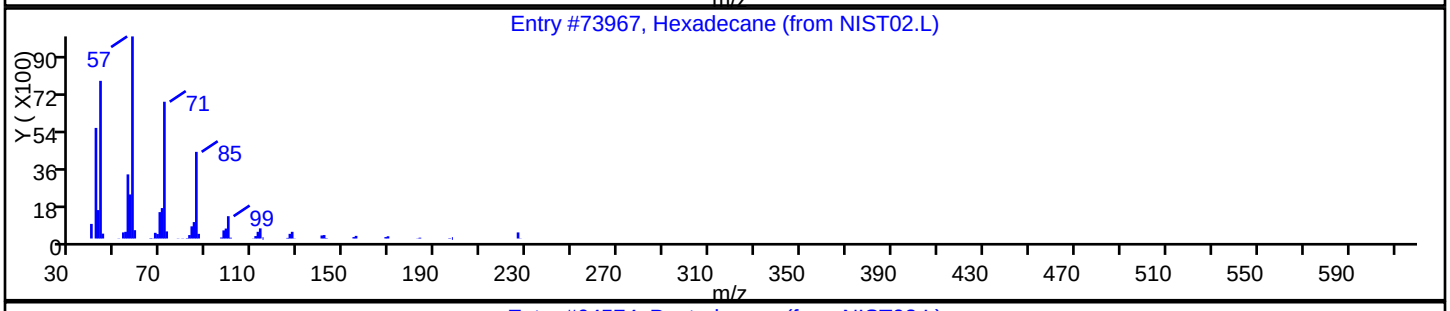
TestAmerica Edison

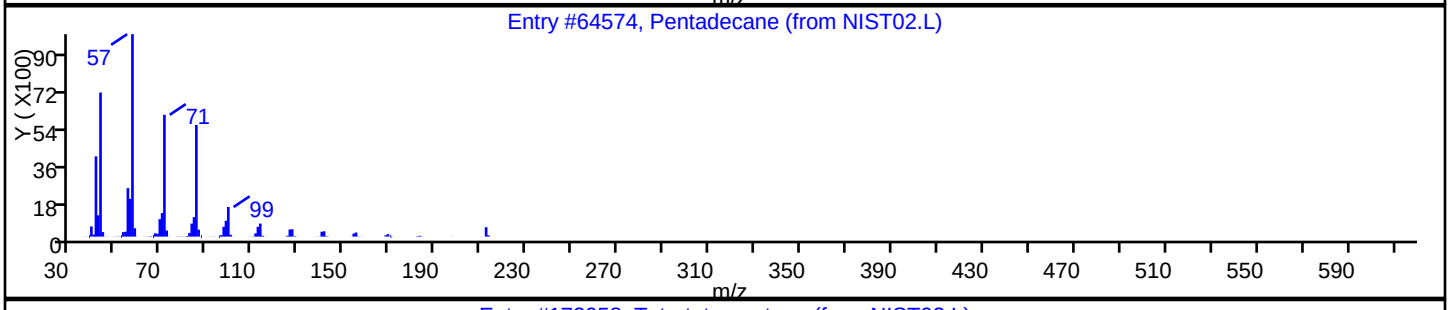
Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8408.D
Injection Date: 11-Nov-2015 08:27:30 Instrument ID: CBNAMS5
Lims ID: 460-104194-F-7-A Lab Sample ID: 460-104194-7
Client ID: PRA-10 W
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

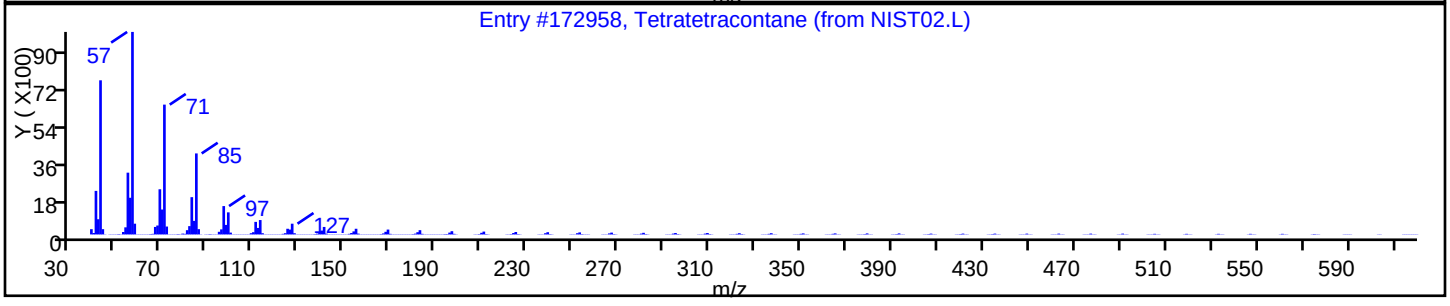
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane	544-76-3	NIST02.L	73967	C16H34	226	97
Pentadecane	629-62-9	NIST02.L	64574	C15H32	212	93
Tetratetracontane	7098-22-8	NIST02.L	172958	C44H90	619	90







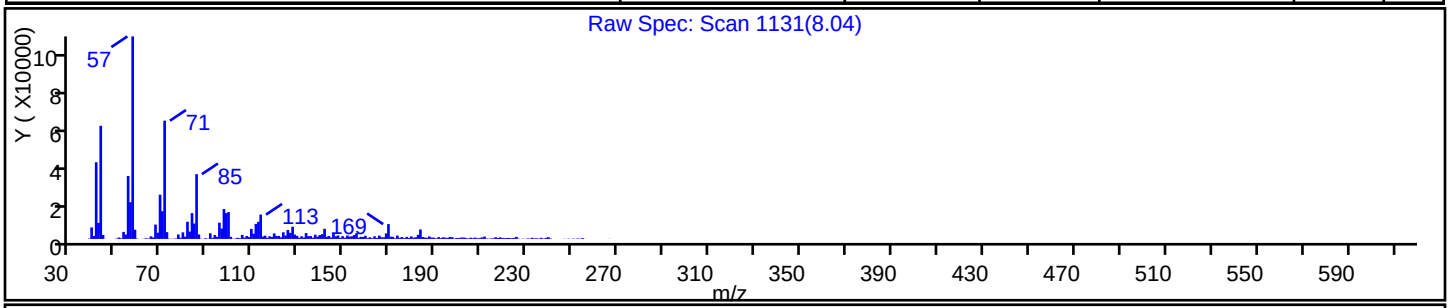


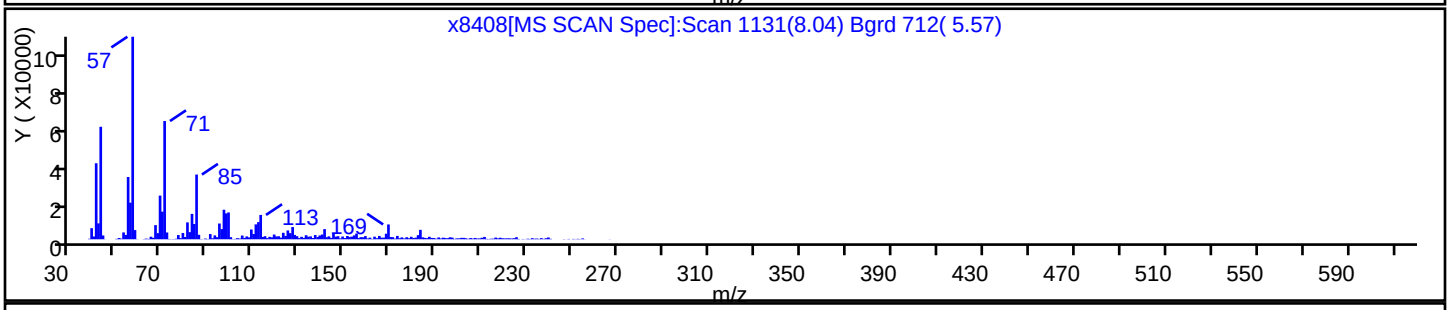


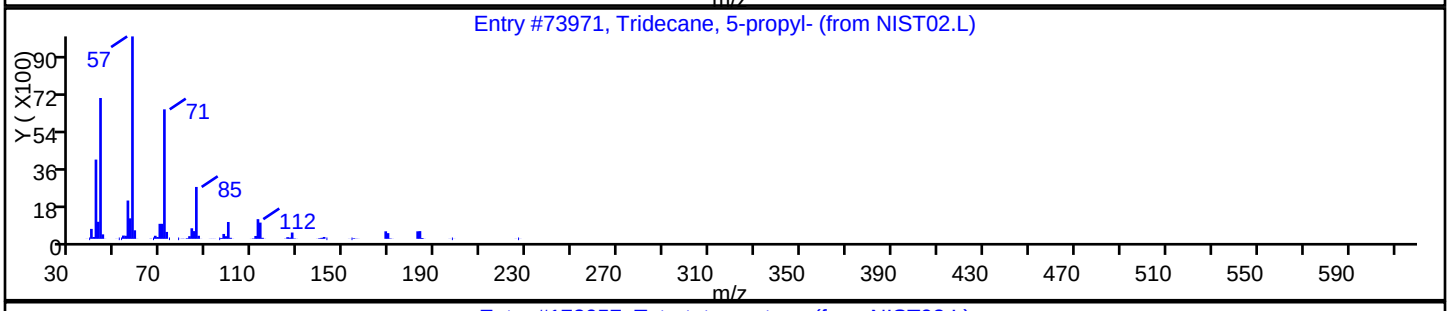
TestAmerica Edison

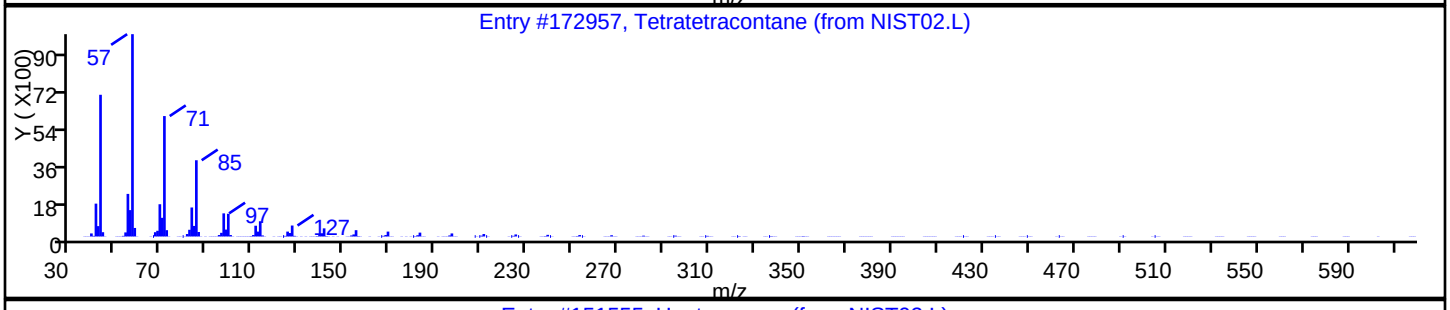
Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8408.D
Injection Date: 11-Nov-2015 08:27:30 Instrument ID: CBNAMS5
Lims ID: 460-104194-F-7-A Lab Sample ID: 460-104194-7
Client ID: PRA-10 W
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

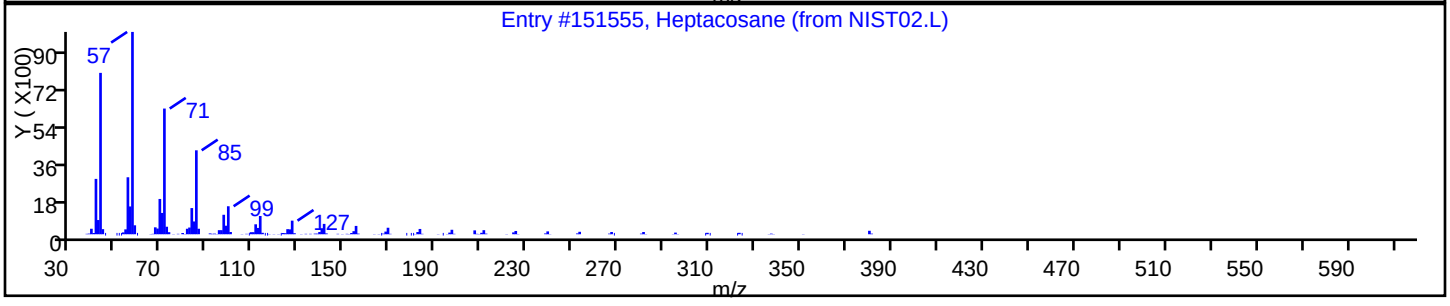
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tridecane, 5-propyl-	55045-11-9	NIST02.L	73971	C16H34	226	87
Tetratetracontane	7098-22-8	NIST02.L	172957	C44H90	619	83
Heptacosane	593-49-7	NIST02.L	151555	C27H56	380	80







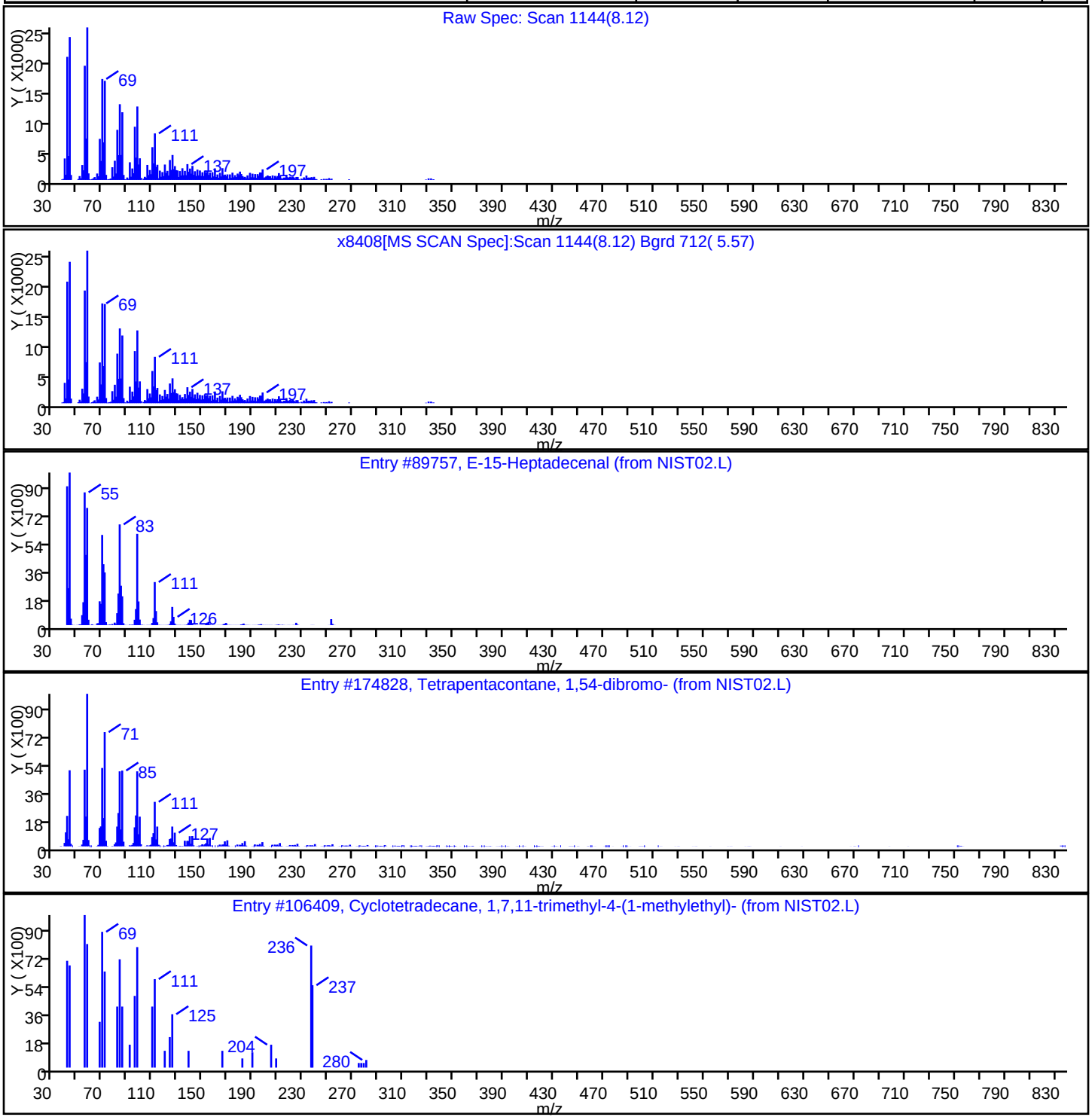




TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8408.D
Injection Date: 11-Nov-2015 08:27:30 Instrument ID: CBNAMS5
Lims ID: 460-104194-F-7-A Lab Sample ID: 460-104194-7
Client ID: PRA-10 W
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

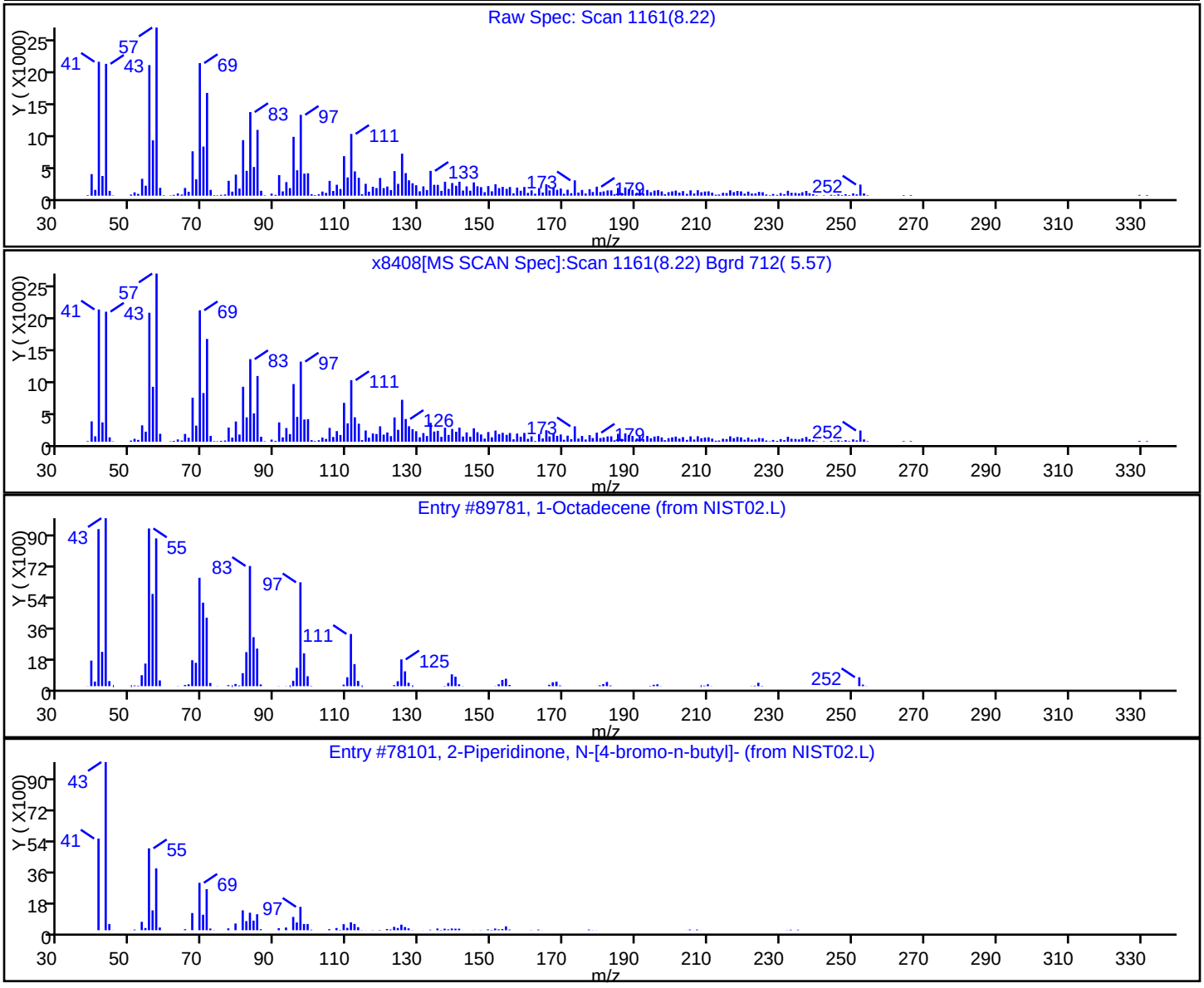
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
E-15-Heptadecenal	1000130-97-9	NIST02.L	89757	C17H32O	252	86
Tetrapentacontane, 1,54-dibromo-	1000156-09-4	NIST02.L	174828	C54H108Br2	915	81
Cyclotetradecane, 1,7,11-trimethyl-4-(1-	1786-12-5	NIST02.L	106409	C20H40	280	81



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8408.D
Injection Date: 11-Nov-2015 08:27:30 Instrument ID: CBNAMS5
Lims ID: 460-104194-F-7-A Lab Sample ID: 460-104194-7
Client ID: PRA-10 W
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

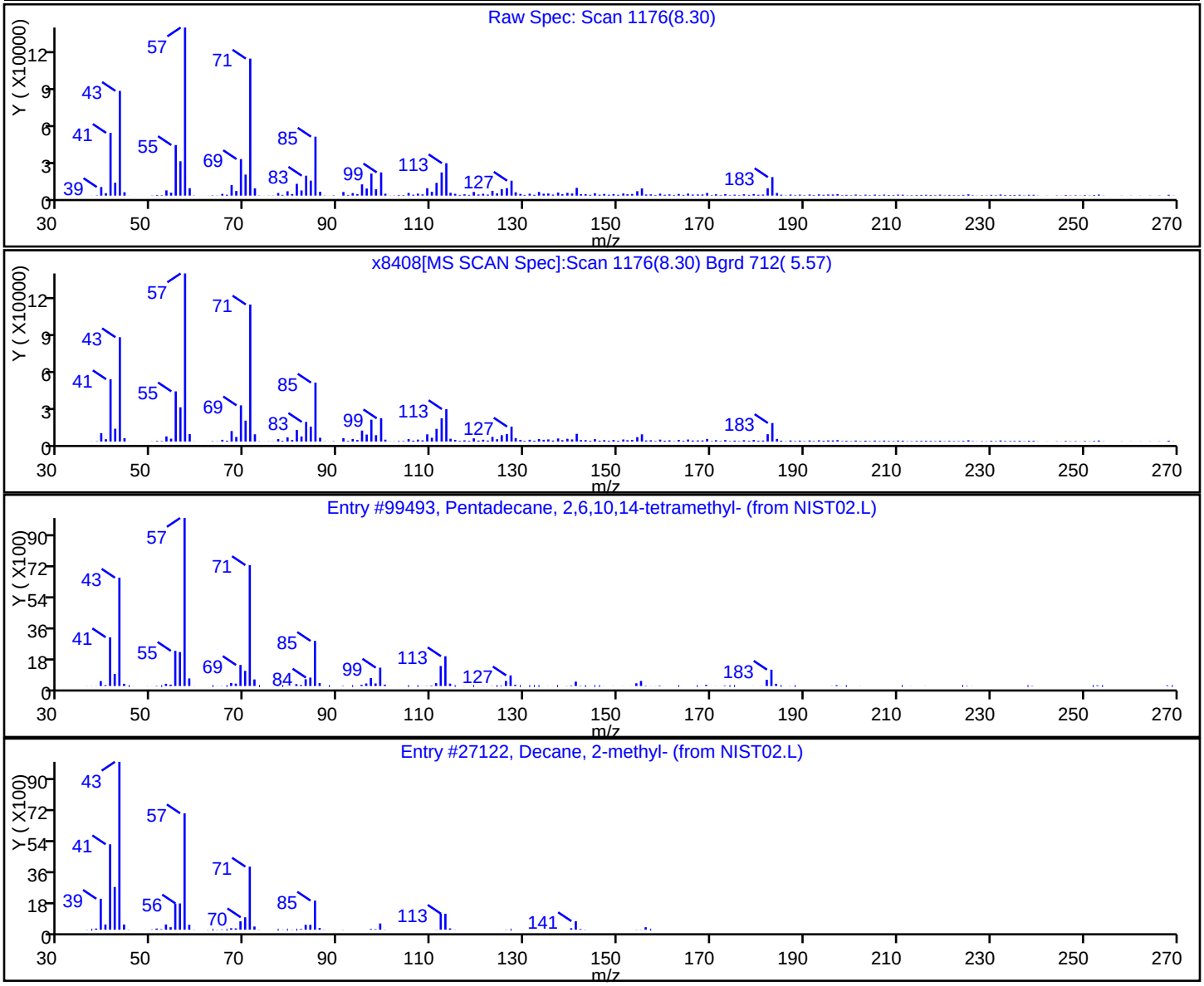
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Octadecene	112-88-9	NIST02.L	89781	C18H36	252	94
2-Piperidinone, N-[4-bromo-n-butyl]-	195194-80-0	NIST02.L	78101	C9H16BrNO	233	91



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8408.D
Injection Date: 11-Nov-2015 08:27:30 Instrument ID: CBNAMS5
Lims ID: 460-104194-F-7-A Lab Sample ID: 460-104194-7
Client ID: PRA-10 W
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99493	C19H40	268	98
Decane, 2-methyl-	6975-98-0	NIST02.L	27122	C11H24	156	81



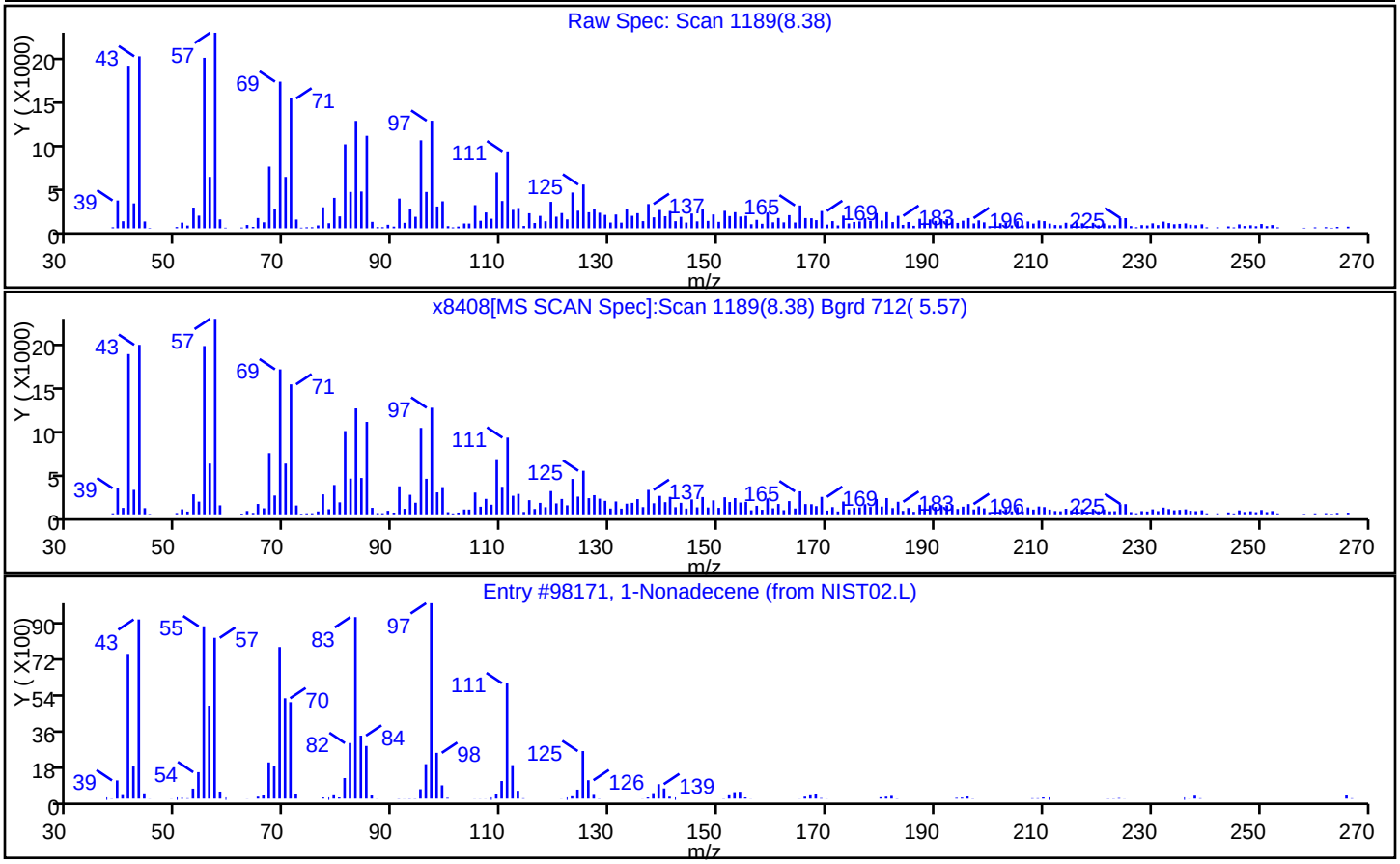
Report Date: 11-Nov-2015 23:53:48 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8408.D

Injection Date:	11-Nov-2015 08:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-104194-F-7-A	Lab Sample ID:	460-104194-7		
Client ID:	PRA-10 W				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Nonadecene	18435-45-5	NIST02.L	98171	C19H38	266	94

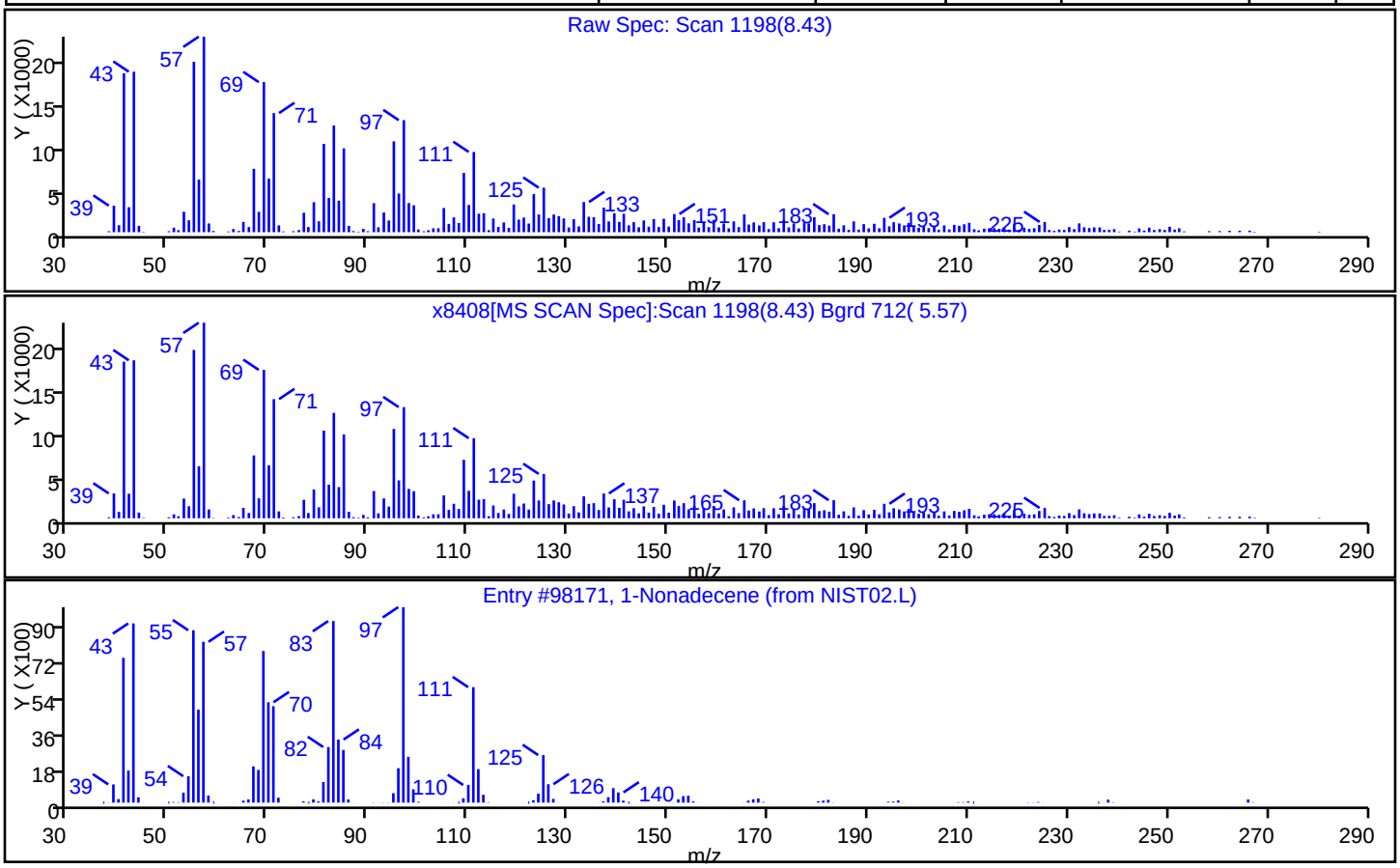


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8408.D

Injection Date:	11-Nov-2015 08:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-104194-F-7-A	Lab Sample ID:	460-104194-7		
Client ID:	PRA-10 W				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Nonadecene	18435-45-5	NIST02.L	98171	C19H38	266	83

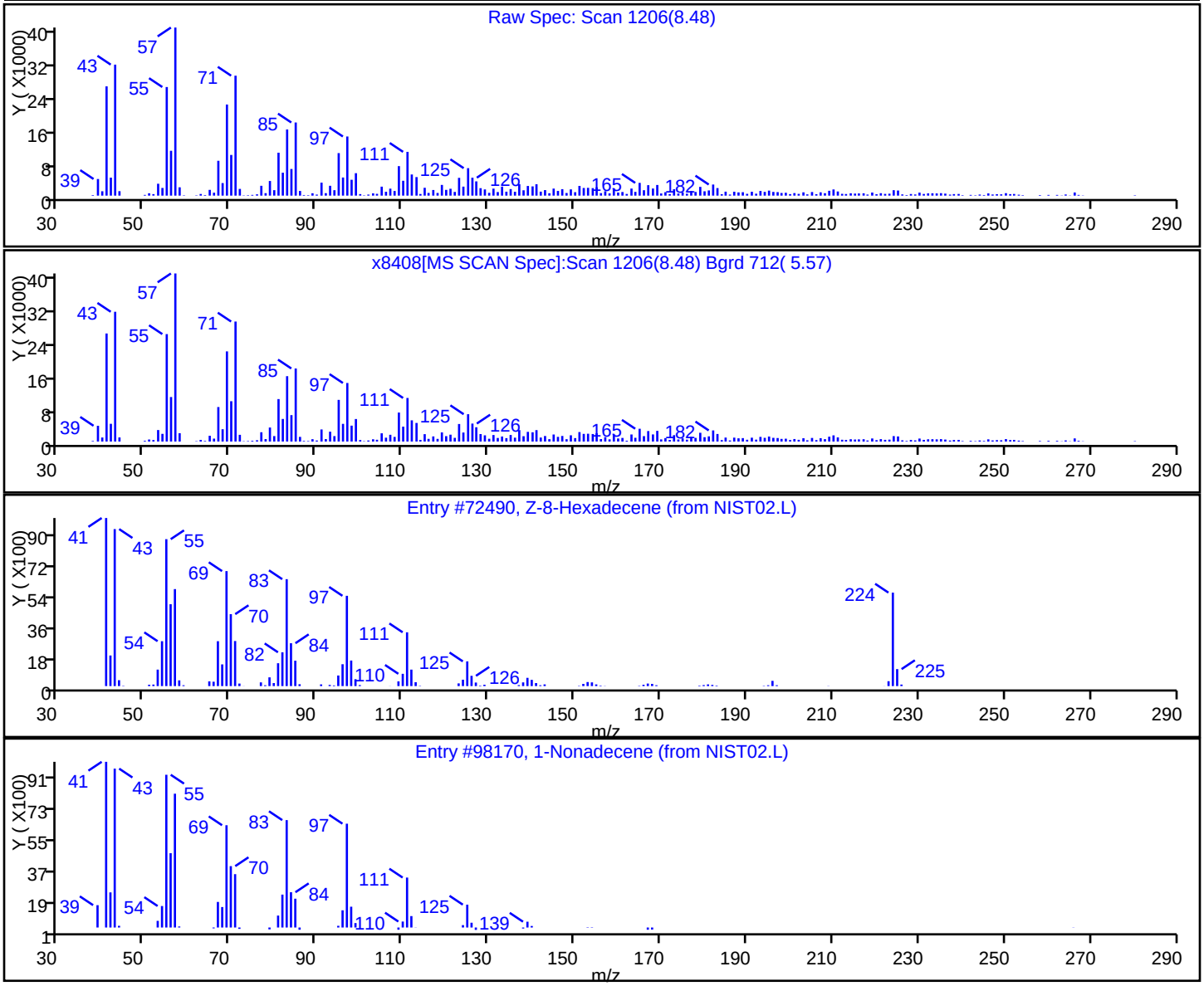


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8408.D

Injection Date:	11-Nov-2015 08:27:30	Instrument ID:	CBNAMS5
Lims ID:	460-104194-F-7-A	Lab Sample ID:	460-104194-7
Client ID:	PRA-10 W		
Operator ID:		ALS Bottle#:	16 Worklist Smp#: 16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270D ICAL
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Z-8-Hexadecene	1000130-87-5	NIST02.L	72490	C16H32	224	81
1-Nonadecene	18435-45-5	NIST02.L	98170	C19H38	266	80



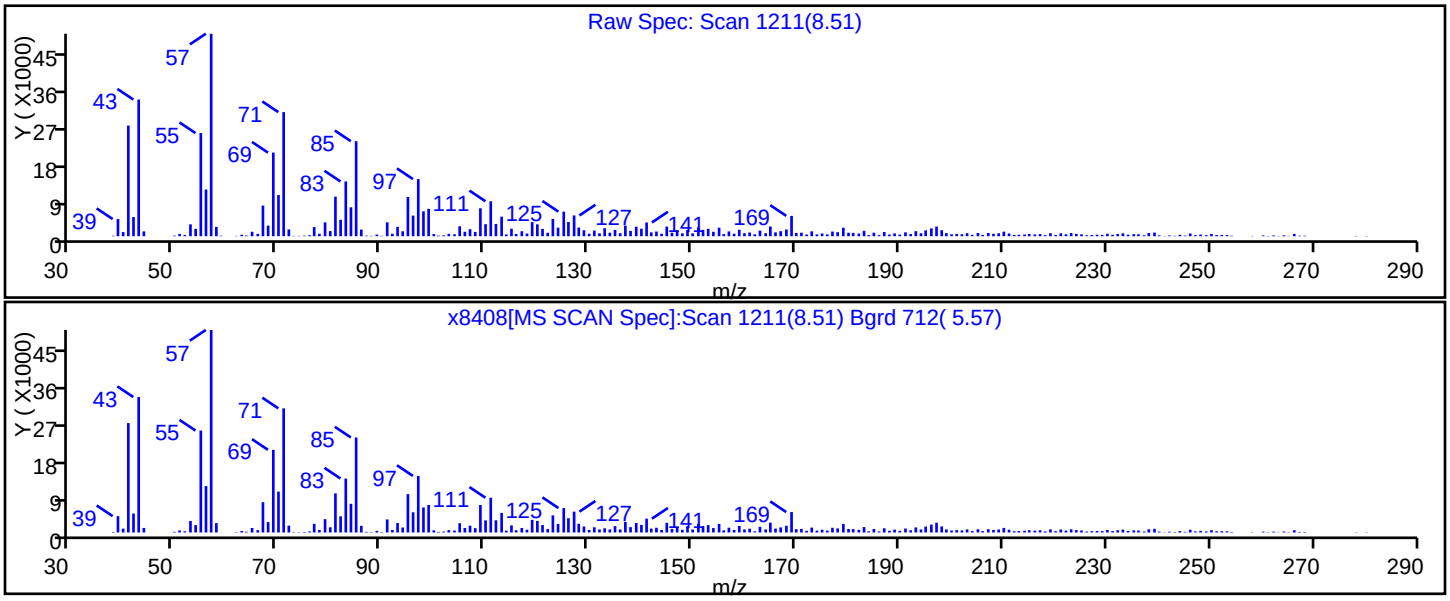
Report Date: 11-Nov-2015 23:53:49 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8408.D

Injection Date:	11-Nov-2015 08:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-104194-F-7-A	Lab Sample ID:	460-104194-7		
Client ID:	PRA-10 W				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



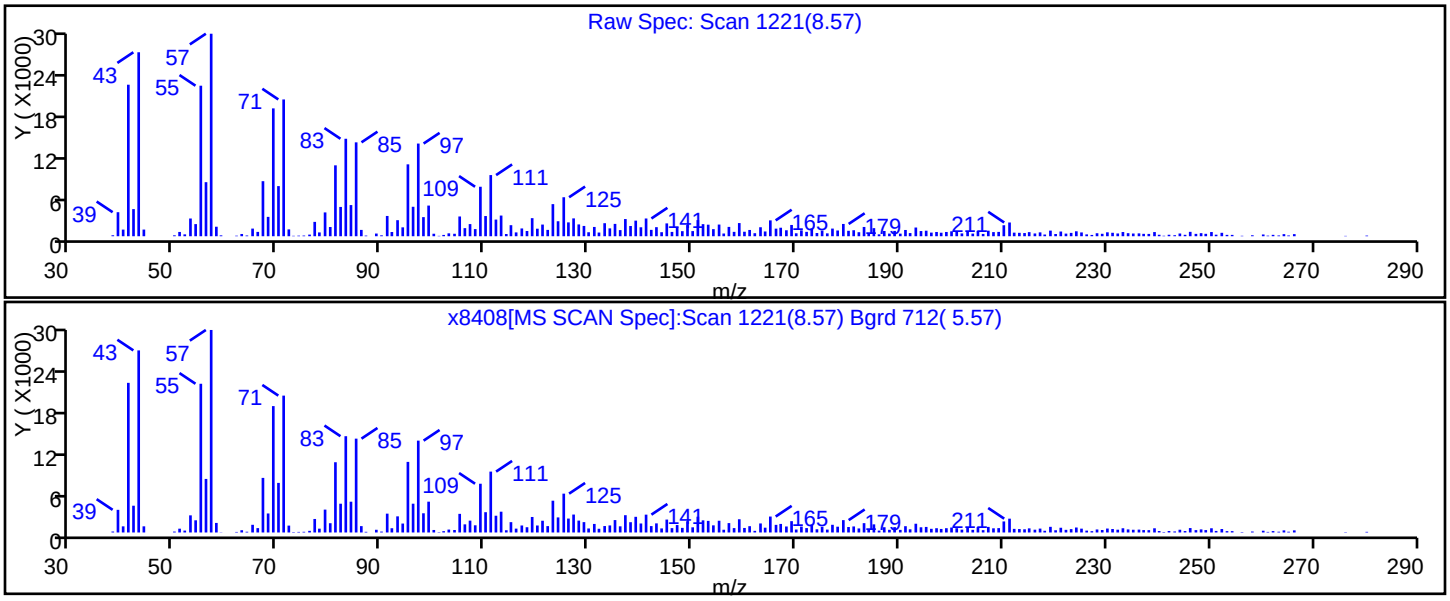
Report Date: 11-Nov-2015 23:53:49 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8408.D

Injection Date:	11-Nov-2015 08:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-104194-F-7-A	Lab Sample ID:	460-104194-7		
Client ID:	PRA-10 W				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

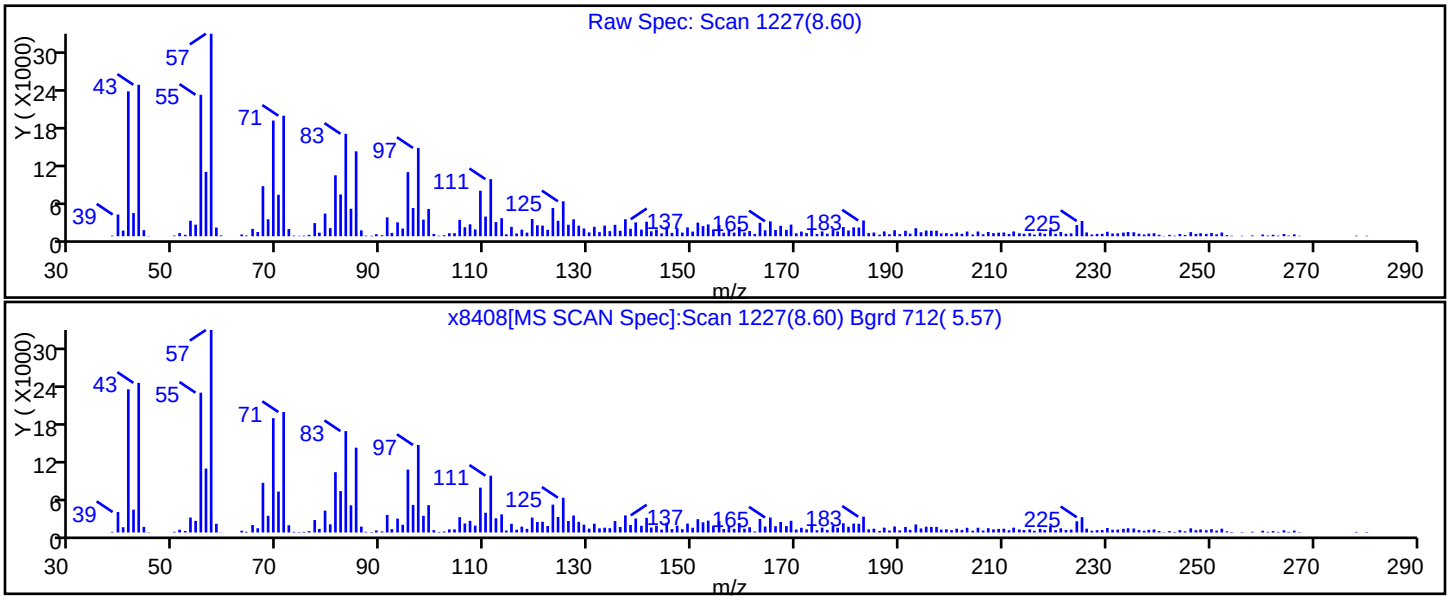


Report Date: 11-Nov-2015 23:53:49 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8408.D				
Injection Date:	11-Nov-2015 08:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-104194-F-7-A	Lab Sample ID:	460-104194-7		
Client ID:	PRA-10 W				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

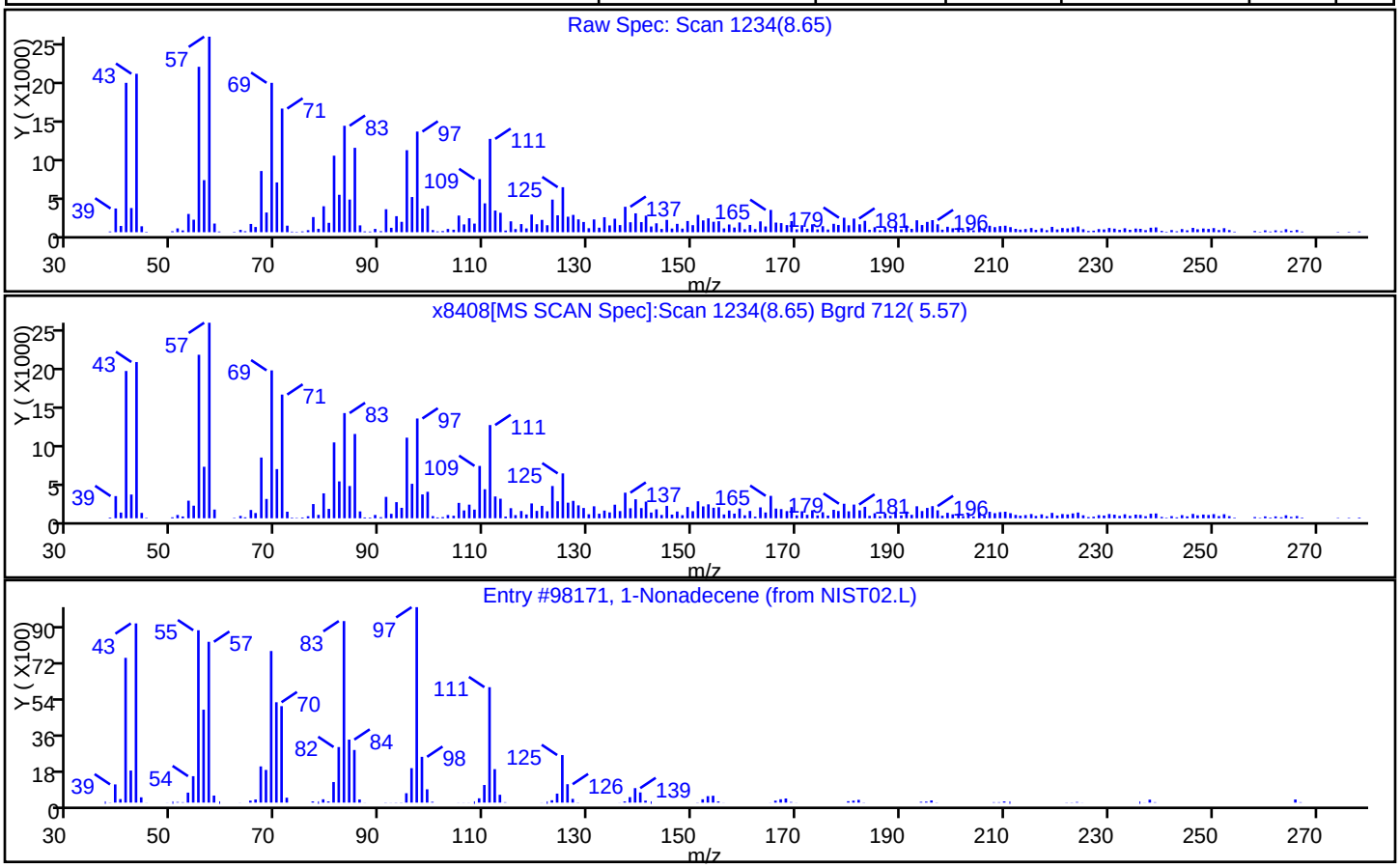


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8408.D

Injection Date:	11-Nov-2015 08:27:30	Instrument ID:	CBNAMS5
Lims ID:	460-104194-F-7-A	Lab Sample ID:	460-104194-7
Client ID:	PRA-10 W		
Operator ID:		ALS Bottle#:	16 Worklist Smp#: 16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270D ICAL
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Nonadecene	18435-45-5	NIST02.L	98171	C19H38	266	80



Report Date: 11-Nov-2015 23:53:49 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8408.D

Injection Date: 11-Nov-2015 08:27:30 Instrument ID: CBNAMS5

Lims ID: 460-104194-F-7-A Lab Sample ID: 460-104194-7

Client ID: PRA-10 W

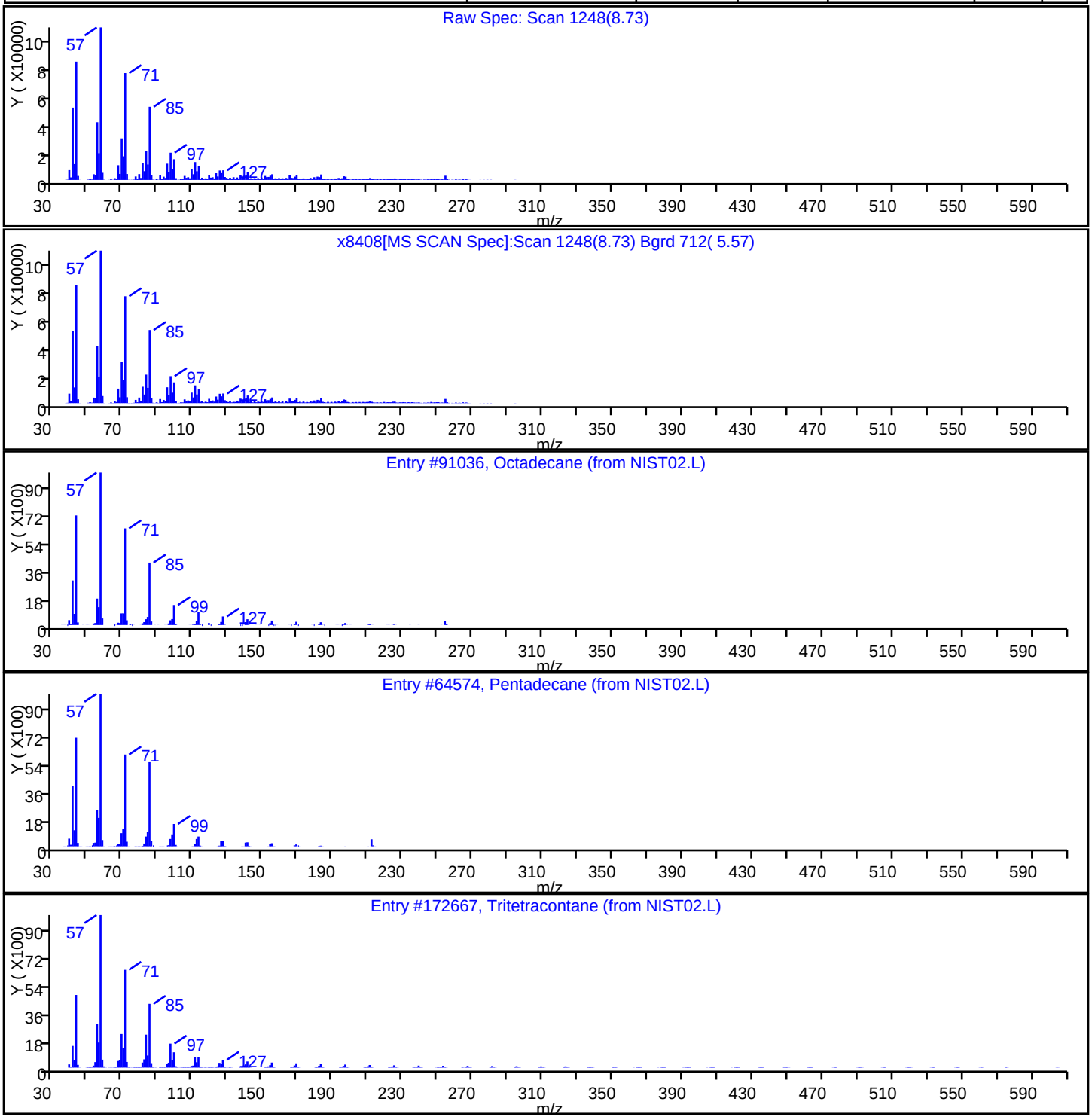
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

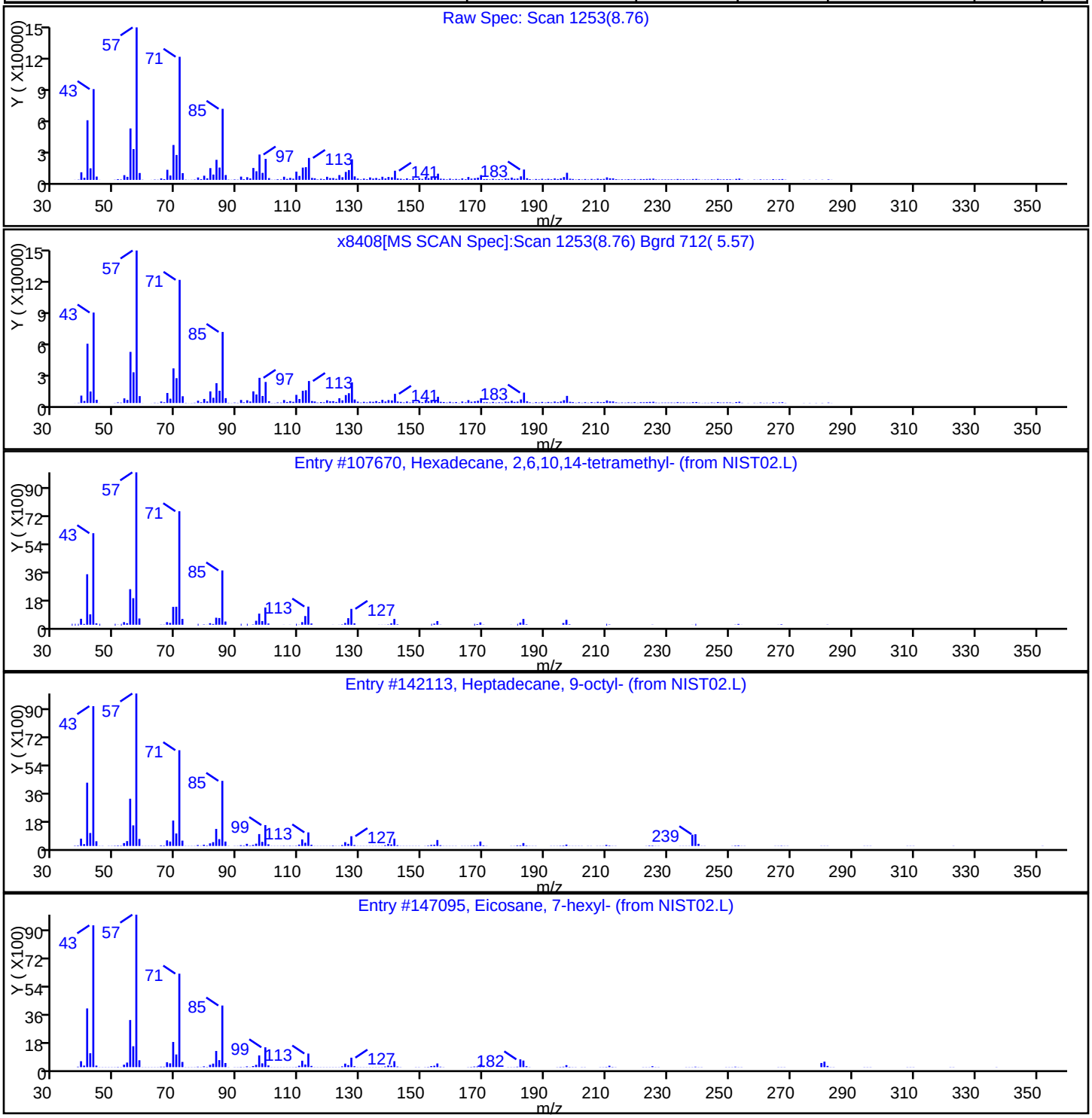
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Octadecane	593-45-3	NIST02.L	91036	C18H38	254	98
Pentadecane	629-62-9	NIST02.L	64574	C15H32	212	93
Tritetracontane	7098-21-7	NIST02.L	172667	C43H88	605	90



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8408.D
Injection Date: 11-Nov-2015 08:27:30 Instrument ID: CBNAMS5
Lims ID: 460-104194-F-7-A Lab Sample ID: 460-104194-7
Client ID: PRA-10 W
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

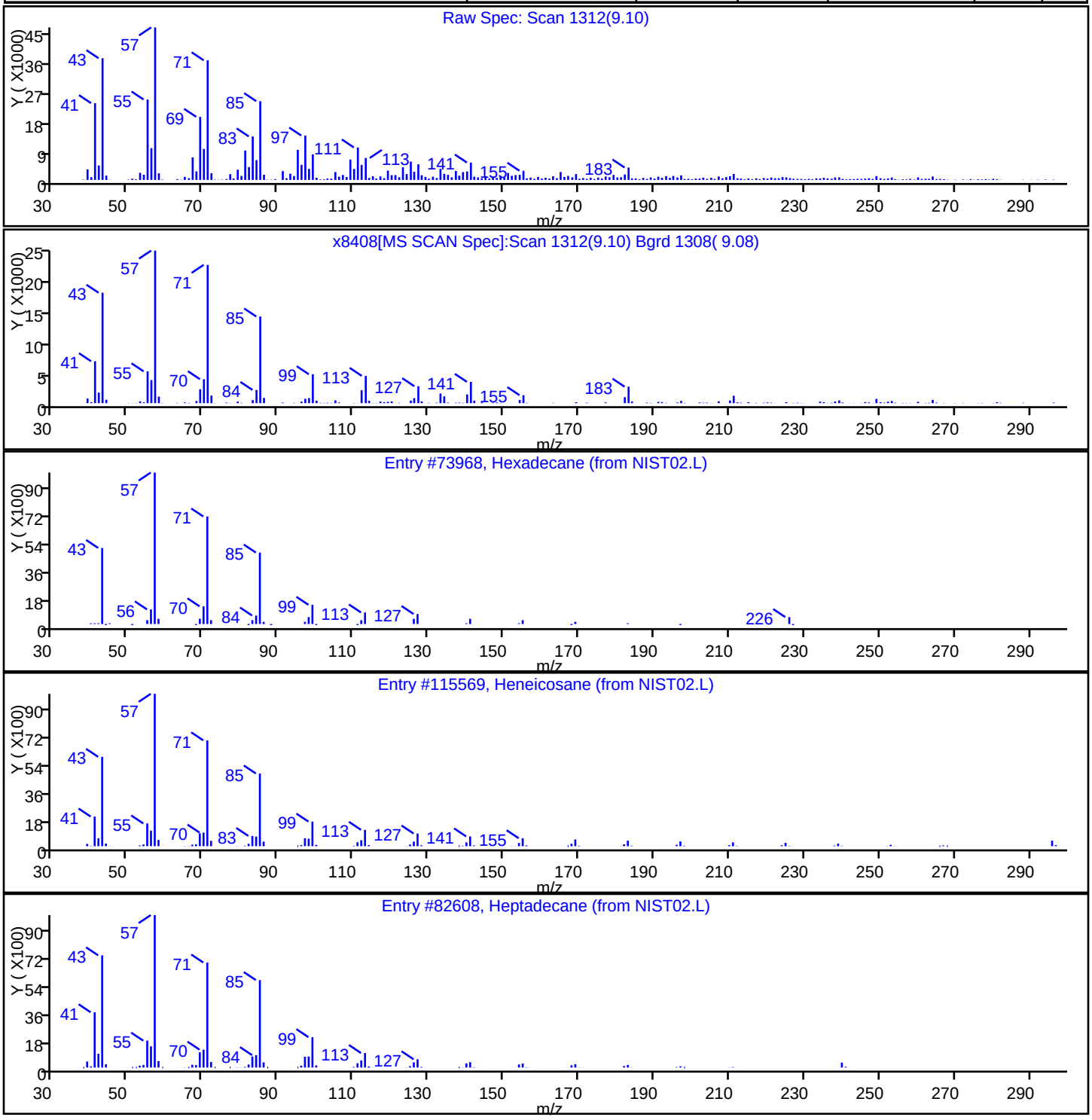
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	C20H42	282	98
Heptadecane, 9-octyl-	7225-64-1	NIST02.L	142113	C25H52	352	91
Eicosane, 7-hexyl-	55333-99-8	NIST02.L	147095	C26H54	366	91



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8408.D
Injection Date: 11-Nov-2015 08:27:30 Instrument ID: CBNAMS5
Lims ID: 460-104194-F-7-A Lab Sample ID: 460-104194-7
Client ID: PRA-10 W
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

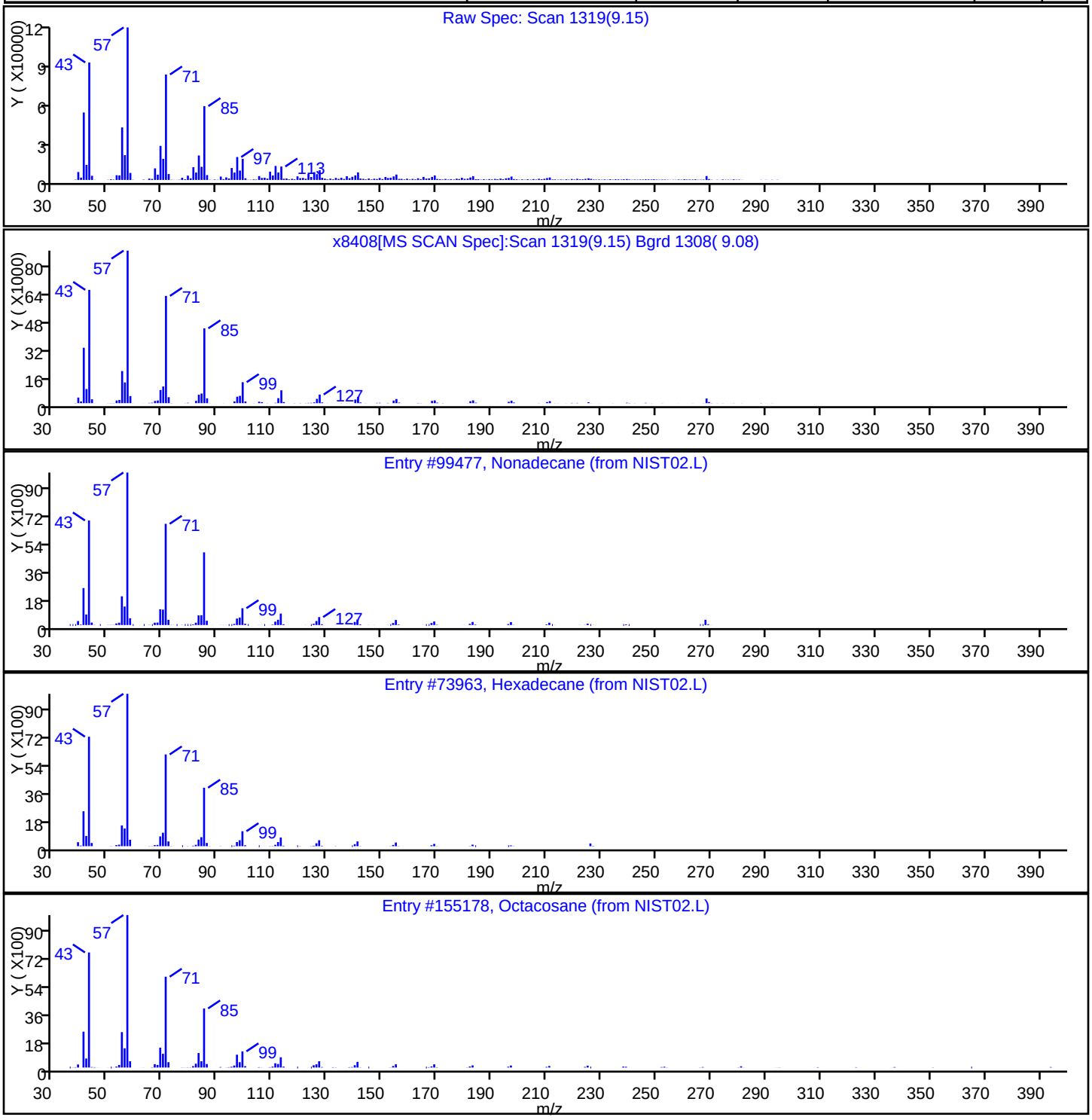
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane	544-76-3	NIST02.L	73968	C16H34	226	86
Heneicosane	629-94-7	NIST02.L	115569	C21H44	296	86
Heptadecane	629-78-7	NIST02.L	82608	C17H36	240	80



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8408.D
Injection Date: 11-Nov-2015 08:27:30 Instrument ID: CBNAMS5
Lims ID: 460-104194-F-7-A Lab Sample ID: 460-104194-7
Client ID: PRA-10 W
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Nonadecane	629-92-5	NIST02.L	99477	C19H40	268	98
Hexadecane	544-76-3	NIST02.L	73963	C16H34	226	96
Octacosane	630-02-4	NIST02.L	155178	C28H58	394	91

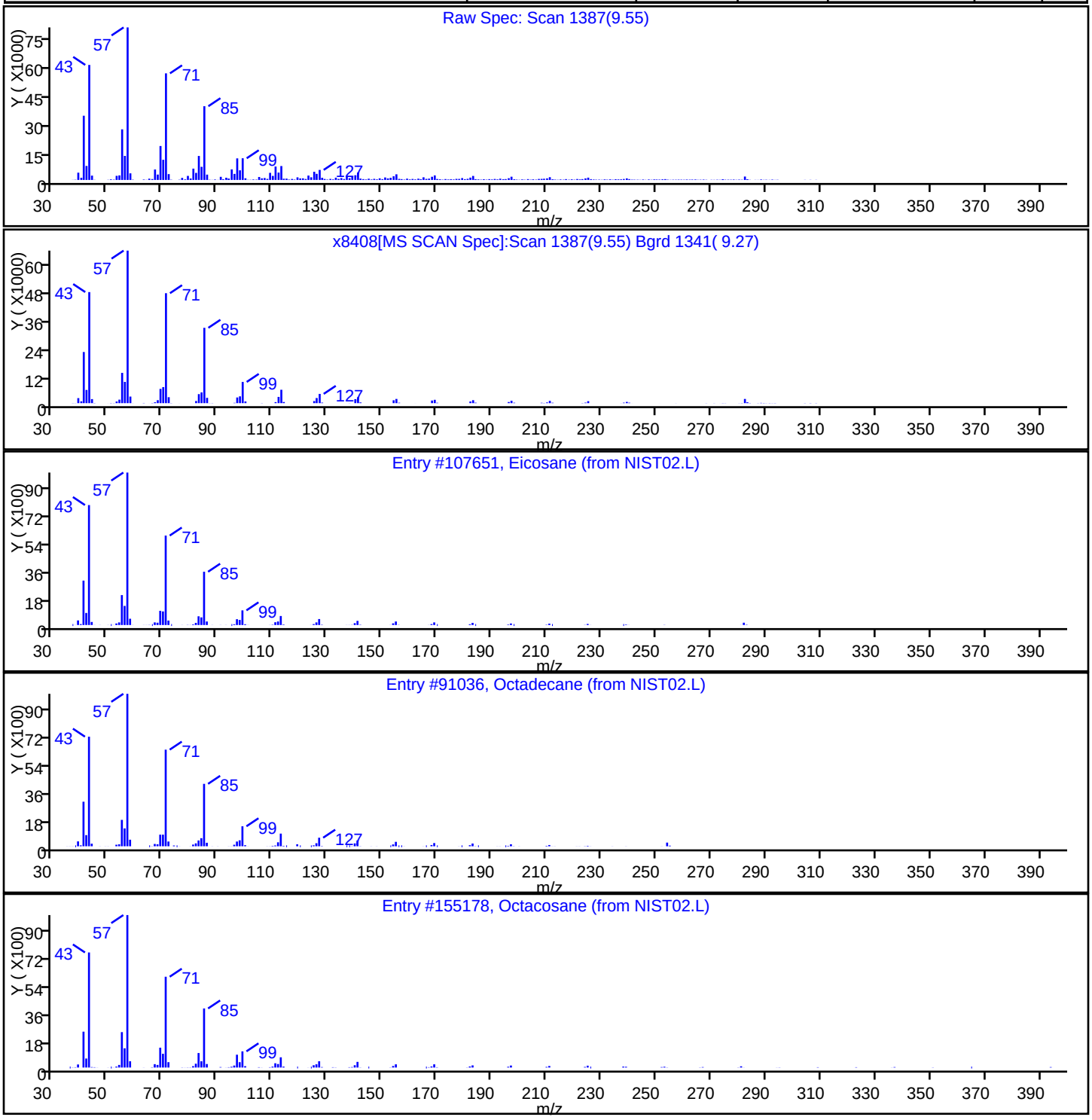


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8408.D

Injection Date:	11-Nov-2015 08:27:30	Instrument ID:	CBNAMS5
Lims ID:	460-104194-F-7-A	Lab Sample ID:	460-104194-7
Client ID:	PRA-10 W		
Operator ID:		ALS Bottle#:	16 Worklist Smp#: 16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270D ICAL
Column:		Detector	MS SCAN

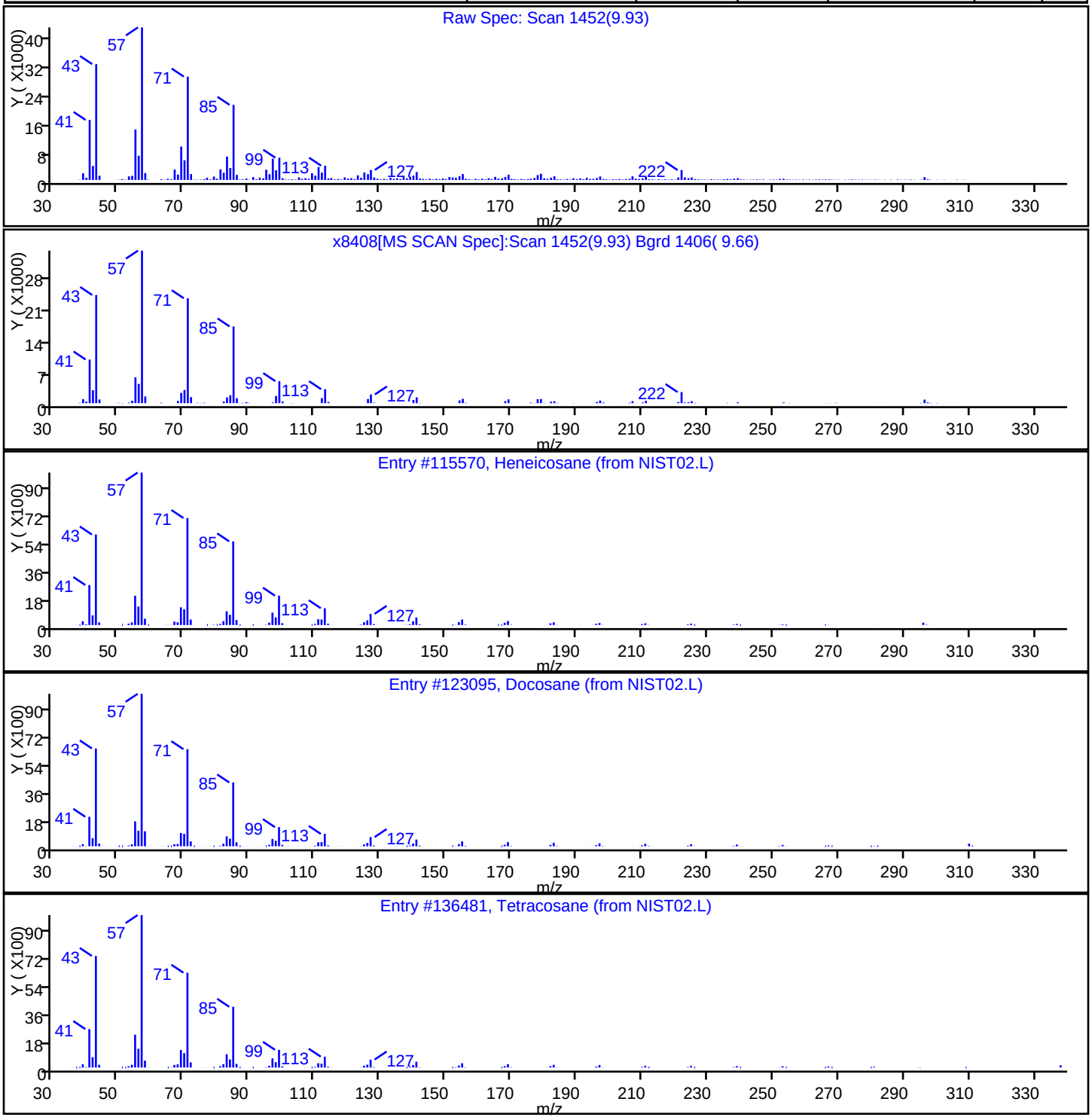
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Eicosane	112-95-8	NIST02.L	107651	C20H42	282	97
Octadecane	593-45-3	NIST02.L	91036	C18H38	254	91
Octacosane	630-02-4	NIST02.L	155178	C28H58	394	91



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8408.D
Injection Date: 11-Nov-2015 08:27:30 Instrument ID: CBNAMS5
Lims ID: 460-104194-F-7-A Lab Sample ID: 460-104194-7
Client ID: PRA-10 W
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heneicosane	629-94-7	NIST02.L	115570	C21H44	296	95
Docosane	629-97-0	NIST02.L	123095	C22H46	310	91
Tetracosane	646-31-1	NIST02.L	136481	C24H50	338	91



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18-SE | Lab Sample ID: 460-104194-8

Matrix: Solid | Lab File ID: x8409.D

Analysis Method: 8270D | Date Collected: 11/06/2015 10:20

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0522(g) | Date Analyzed: 11/11/2015 08:51

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	11	U	340	11
95-57-8	2-Chlorophenol	8.8	U	340	8.8
95-48-7	2-Methylphenol	15	U	340	15
106-44-5	4-Methylphenol	9.4	U	340	9.4
100-52-7	Benzaldehyde	26	U	340	26
98-86-2	Acetophenone	7.5	U	340	7.5
111-44-4	Bis(2-chloroethyl)ether	8.1	U	34	8.1
108-60-1	2,2'-oxybis[1-chloropropane]	14	U	340	14
621-64-7	N-Nitrosodi-n-propylamine	12	U	34	12
98-95-3	Nitrobenzene	11	U	34	11
67-72-1	Hexachloroethane	13	U	34	13
78-59-1	Isophorone	7.4	U	140	7.4
88-75-5	2-Nitrophenol	12	U	340	12
105-67-9	2,4-Dimethylphenol	76	U	340	76
120-83-2	2,4-Dichlorophenol	8.1	U	140	8.1
111-91-1	Bis(2-chloroethoxy)methane	11	U	340	11
91-20-3	Naphthalene	8.8	U	340	8.8
106-47-8	4-Chloroaniline	8.9	U	340	8.9
87-68-3	Hexachlorobutadiene	9.7	U	70	9.7
105-60-2	Caprolactam	25	U	340	25
59-50-7	4-Chloro-3-methylphenol	15	U	340	15
91-57-6	2-Methylnaphthalene	7.6	U	340	7.6
118-74-1	Hexachlorobenzene	14	U	34	14
77-47-4	Hexachlorocyclopentadiene	21	U	340	21
88-06-2	2,4,6-Trichlorophenol	9.8	U	140	9.8
95-95-4	2,4,5-Trichlorophenol	34	U	340	34
92-52-4	Diphenyl	29	U	340	29
91-58-7	2-Chloronaphthalene	7.8	U	340	7.8
88-74-4	2-Nitroaniline	11	U	340	11
606-20-2	2,6-Dinitrotoluene	18	U	70	18
131-11-3	Dimethyl phthalate	10	U	340	10
208-96-8	Acenaphthylene	8.9	U	340	8.9
99-09-2	3-Nitroaniline	10	U	340	10
83-32-9	Acenaphthene	8.3	U	340	8.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18-SE | Lab Sample ID: 460-104194-8

Matrix: Solid | Lab File ID: x8409.D

Analysis Method: 8270D | Date Collected: 11/06/2015 10:20

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0522(g) | Date Analyzed: 11/11/2015 08:51

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	170	U	700	170
51-28-5	2,4-Dinitrophenol	260	U	280	260
132-64-9	Dibenzofuran	10	U	340	10
84-66-2	Diethyl phthalate	9.8	U	340	9.8
86-73-7	Fluorene	7.5	U	340	7.5
206-44-0	Fluoranthene	10	U	340	10
84-74-2	Di-n-butyl phthalate	10	U	340	10
121-14-2	2,4-Dinitrotoluene	14	U	70	14
7005-72-3	4-Chlorophenyl phenyl ether	10	U	340	10
100-01-6	4-Nitroaniline	13	U	340	13
534-52-1	4,6-Dinitro-2-methylphenol	92	U	280	92
101-55-3	4-Bromophenyl phenyl ether	11	U	340	11
1912-24-9	Atrazine	15	U	140	15
120-12-7	Anthracene	33	U	340	33
86-74-8	Carbazole	8.6	U	340	8.6
85-01-8	Phenanthrene	9.2	U	340	9.2
87-86-5	Pentachlorophenol	42	U	280	42
129-00-0	Pyrene	16	U	340	16
218-01-9	Chrysene	9.4	U	340	9.4
207-08-9	Benzo[k]fluoranthene	15	U	34	15
191-24-2	Benzo[g,h,i]perylene	20	U	340	20
205-99-2	Benzo[b]fluoranthene	13	U	34	13
50-32-8	Benzo[a]pyrene	10	U	34	10
56-55-3	Benzo[a]anthracene	29	U	34	29
86-30-6	N-Nitrosodiphenylamine	31	U *	340	31
85-68-7	Butyl benzyl phthalate	11	U	340	11
117-81-7	Bis(2-ethylhexyl) phthalate	26	J	340	13
117-84-0	Di-n-octyl phthalate	18	U	340	18
193-39-5	Indeno[1,2,3-cd]pyrene	23	U	34	23
53-70-3	Dibenz(a,h)anthracene	18	U	34	18
91-94-1	3,3'-Dichlorobenzidine	39	U	140	39
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	340	26
58-90-2	2,3,4,6-Tetrachlorophenol	32	U	340	32

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18-SE | Lab Sample ID: 460-104194-8

Matrix: Solid | Lab File ID: x8409.D

Analysis Method: 8270D | Date Collected: 11/06/2015 10:20

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0522(g) | Date Analyzed: 11/11/2015 08:51

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	56		28-92
4165-62-2	Phenol-d5	53		22-88
1718-51-0	Terphenyl-d14	75		16-114
118-79-6	2,4,6-Tribromophenol	55		10-95
367-12-4	2-Fluorophenol	51		21-84
321-60-8	2-Fluorobiphenyl	49		27-84

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18-SE | Lab Sample ID: 460-104194-8

Matrix: Solid | Lab File ID: x8409.D

Analysis Method: 8270D | Date Collected: 11/06/2015 10:20

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0522(g) | Date Analyzed: 11/11/2015 08:51

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8409.D
Lims ID: 460-104194-F-8-A Lab Sample ID: 460-104194-8
Client ID: PRA-18-SE
Sample Type: Client
Inject. Date: 11-Nov-2015 08:51:30 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034083-017
Operator ID: Instrument ID: CBNAMS5

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 23:53:27 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: manlangitf Date: 11-Nov-2015 10:32:43

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.087	3.057	0.030	97	166306	25.7	
$ 6 Phenol-d5	99	3.975	3.993	-0.018	86	194724	26.5	
* 14 1,4-Dichlorobenzene-d4	152	4.340	4.334	0.006	95	191372	40.0	
$ 26 Nitrobenzene-d5	82	4.887	4.898	-0.011	86	173008	27.9	
* 38 Naphthalene-d8	136	5.616	5.616	0.000	99	714693	40.0	
$ 51 2-Fluorobiphenyl	172	6.692	6.698	-0.006	98	350009	24.7	
* 65 Acenaphthene-d10	164	7.363	7.363	0.000	92	353320	40.0	
$ 80 2,4,6-Tribromophenol	330	8.139	8.145	-0.006	93	38574	27.5	
* 88 Phenanthrene-d10	188	8.828	8.828	0.000	99	458238	40.0	
$ 96 Terphenyl-d14	244	10.398	10.404	-0.006	99	223642	37.4	
* 102 Chrysene-d12	240	11.592	11.592	0.000	99	215875	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.616	11.622	-0.006	89	1613	0.3669	
* 109 Perylene-d12	264	13.516	13.521	-0.005	97	137184	40.0	

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

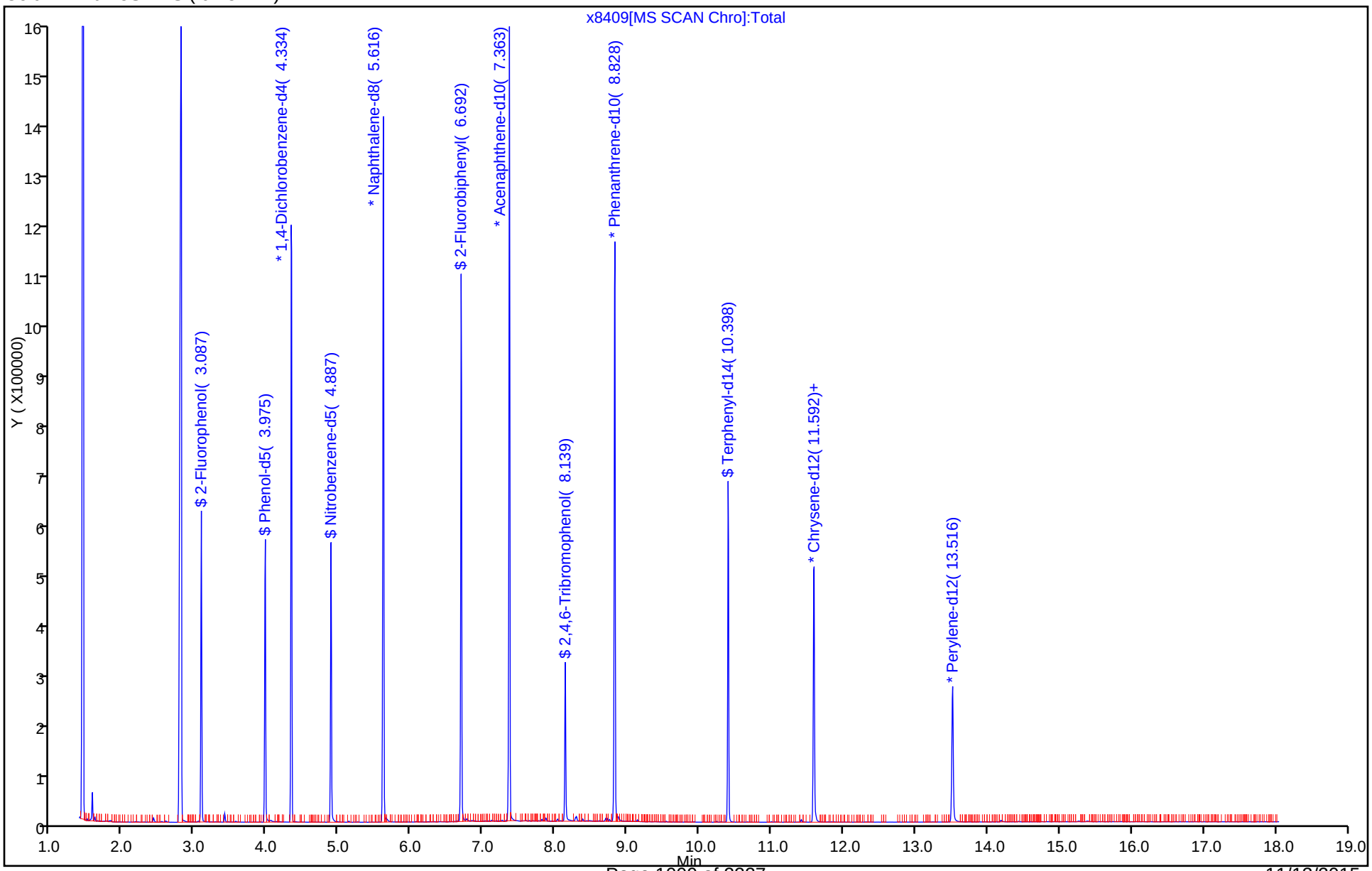
Report Date: 11-Nov-2015 23:53:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8409.D

Injection Date:	11-Nov-2015 08:51:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	460-104194-F-8-A	Lab Sample ID:	460-104194-8	Worklist Smp#:	17
Client ID:	PRA-18-SE				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

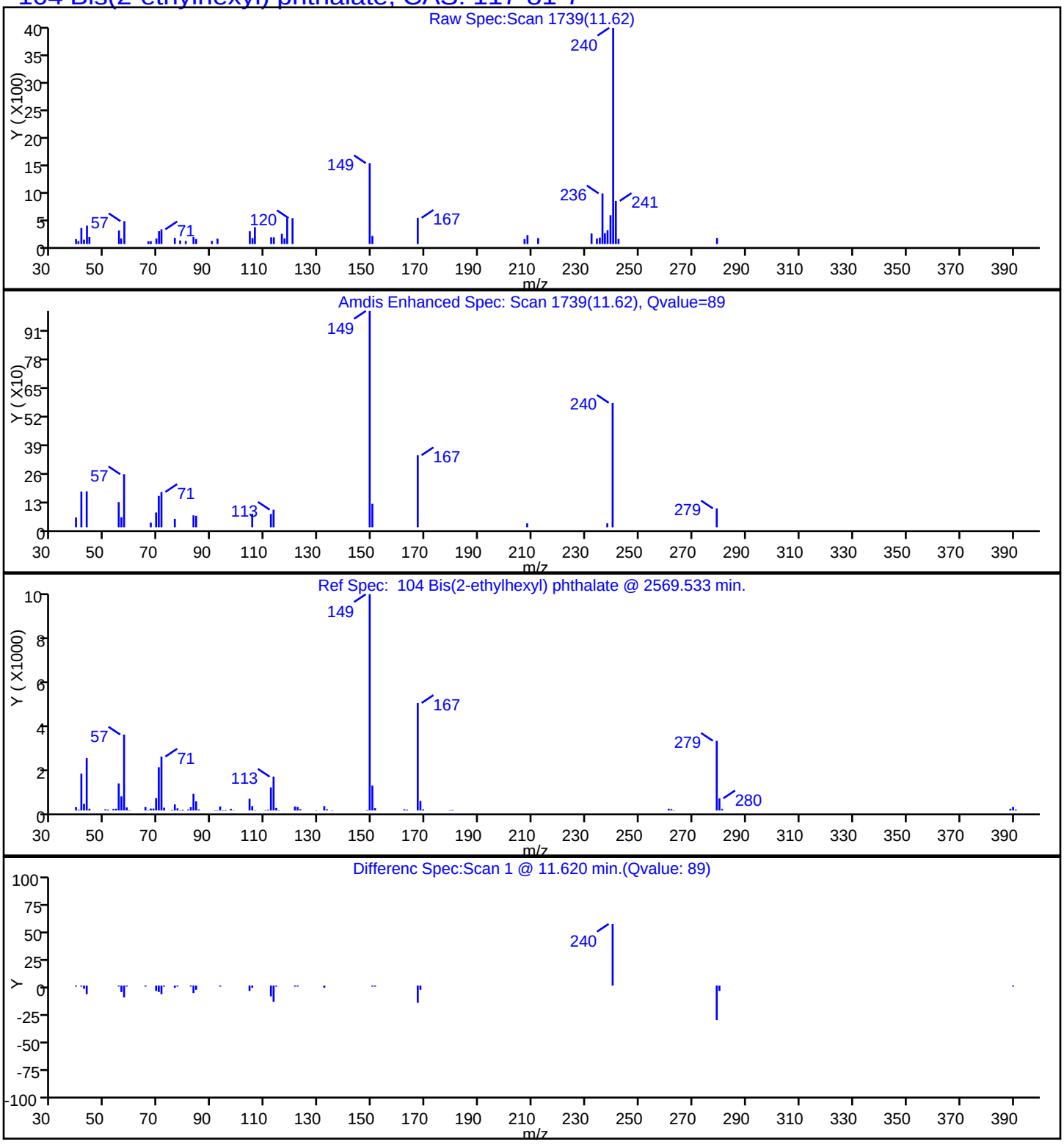
Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8409.D				
Injection Date:	11-Nov-2015 08:51:30	Instrument ID:	CBNAMS5		
Lims ID:	460-104194-F-8-A	Lab Sample ID:	460-104194-8		
Client ID:	PRA-18-SE				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18-NE | Lab Sample ID: 460-104194-9

Matrix: Solid | Lab File ID: L127929.D

Analysis Method: 8270D | Date Collected: 11/06/2015 10:00

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0392(g) | Date Analyzed: 11/12/2015 18:27

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 335005 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	11	U F1	350	11
95-57-8	2-Chlorophenol	8.9	U F1	350	8.9
95-48-7	2-Methylphenol	15	U F1	350	15
106-44-5	4-Methylphenol	9.5	U	350	9.5
100-52-7	Benzaldehyde	27	U F1	350	27
98-86-2	Acetophenone	7.6	U	350	7.6
111-44-4	Bis(2-chloroethyl)ether	8.2	U F1	35	8.2
108-60-1	2,2'-oxybis[1-chloropropane]	14	U	350	14
621-64-7	N-Nitrosodi-n-propylamine	12	U	35	12
98-95-3	Nitrobenzene	11	U F1	35	11
67-72-1	Hexachloroethane	13	U F1	35	13
78-59-1	Isophorone	7.5	U	140	7.5
88-75-5	2-Nitrophenol	12	U F1	350	12
105-67-9	2,4-Dimethylphenol	77	U F1	350	77
120-83-2	2,4-Dichlorophenol	8.2	U F1	140	8.2
111-91-1	Bis(2-chloroethoxy)methane	11	U F1	350	11
91-20-3	Naphthalene	8.9	U F1	350	8.9
106-47-8	4-Chloroaniline	9.0	U	350	9.0
87-68-3	Hexachlorobutadiene	9.8	U F1	71	9.8
105-60-2	Caprolactam	25	U F1	350	25
59-50-7	4-Chloro-3-methylphenol	15	U F1	350	15
91-57-6	2-Methylnaphthalene	7.7	U F1	350	7.7
118-74-1	Hexachlorobenzene	14	U	35	14
77-47-4	Hexachlorocyclopentadiene	22	U	350	22
88-06-2	2,4,6-Trichlorophenol	9.9	U F1	140	9.9
95-95-4	2,4,5-Trichlorophenol	35	U F1	350	35
92-52-4	Diphenyl	30	U F1	350	30
91-58-7	2-Chloronaphthalene	7.9	U F1	350	7.9
88-74-4	2-Nitroaniline	12	U	350	12
606-20-2	2,6-Dinitrotoluene	19	U F1	71	19
131-11-3	Dimethyl phthalate	10	U F1	350	10
208-96-8	Acenaphthylene	9.0	U F1	350	9.0
99-09-2	3-Nitroaniline	10	U	350	10
83-32-9	Acenaphthene	8.5	U F1	350	8.5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18-NE | Lab Sample ID: 460-104194-9

Matrix: Solid | Lab File ID: L127929.D

Analysis Method: 8270D | Date Collected: 11/06/2015 10:00

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0392(g) | Date Analyzed: 11/12/2015 18:27

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 335005 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	170	U F1	710	170
51-28-5	2,4-Dinitrophenol	260	U F1	280	260
132-64-9	Dibenzofuran	11	U F1	350	11
84-66-2	Diethyl phthalate	9.9	U F1	350	9.9
86-73-7	Fluorene	7.6	U F1	350	7.6
206-44-0	Fluoranthene	10	U F1	350	10
84-74-2	Di-n-butyl phthalate	10	U F1	350	10
121-14-2	2,4-Dinitrotoluene	14	U F1	71	14
7005-72-3	4-Chlorophenyl phenyl ether	10	U F1	350	10
100-01-6	4-Nitroaniline	13	U	350	13
534-52-1	4,6-Dinitro-2-methylphenol	93	U F1	280	93
101-55-3	4-Bromophenyl phenyl ether	11	U F1	350	11
1912-24-9	Atrazine	16	U	140	16
120-12-7	Anthracene	33	U F1	350	33
86-74-8	Carbazole	8.7	U F1	350	8.7
85-01-8	Phenanthrene	9.3	U F1	350	9.3
87-86-5	Pentachlorophenol	42	U F1	280	42
129-00-0	Pyrene	16	U	350	16
218-01-9	Chrysene	9.5	U F1	350	9.5
207-08-9	Benzo[k]fluoranthene	15	U F1	35	15
191-24-2	Benzo[g,h,i]perylene	20	U	350	20
205-99-2	Benzo[b]fluoranthene	14	U F1	35	14
50-32-8	Benzo[a]pyrene	11	U F1	35	11
56-55-3	Benzo[a]anthracene	29	U F1	35	29
86-30-6	N-Nitrosodiphenylamine	32	U * F1	350	32
85-68-7	Butyl benzyl phthalate	11	U F1	350	11
117-81-7	Bis(2-ethylhexyl) phthalate	14	U	350	14
117-84-0	Di-n-octyl phthalate	18	U	350	18
193-39-5	Indeno[1,2,3-cd]pyrene	23	U	35	23
53-70-3	Dibenz(a,h)anthracene	18	U	35	18
91-94-1	3,3'-Dichlorobenzidine	39	U	140	39
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U F1	350	26
58-90-2	2,3,4,6-Tetrachlorophenol	33	U F1	350	33

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18-NE | Lab Sample ID: 460-104194-9

Matrix: Solid | Lab File ID: L127929.D

Analysis Method: 8270D | Date Collected: 11/06/2015 10:00

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0392(g) | Date Analyzed: 11/12/2015 18:27

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 335005 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	52		28-92
4165-62-2	Phenol-d5	53		22-88
1718-51-0	Terphenyl-d14	70		16-114
118-79-6	2,4,6-Tribromophenol	24		10-95
367-12-4	2-Fluorophenol	52		21-84
321-60-8	2-Fluorobiphenyl	46		27-84

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18-NE | Lab Sample ID: 460-104194-9

Matrix: Solid | Lab File ID: L127929.D

Analysis Method: 8270D | Date Collected: 11/06/2015 10:00

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0392(g) | Date Analyzed: 11/12/2015 18:27

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 335005 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 2000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
6311-48-4	Dibenzylidene 4,4'-biphenylenediamine	13.78	2000	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151112-34179.b\L127929.D
Lims ID: 460-104194-F-9-C Lab Sample ID: 460-104194-9
Client ID: PRA-18-NE
Sample Type: Client
Inject. Date: 12-Nov-2015 18:27:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034179-008
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151112-34179.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 22:33:00 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK005

First Level Reviewer: bayoumiw Date: 12-Nov-2015 22:33:00

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.082	3.064	0.018	96	136260	26.0	
$ 6 Phenol-d5	99	3.999	4.011	-0.012	86	164081	26.4	
* 13 1,4-Dichlorobenzene-d4	152	4.341	4.347	-0.005	96	174448	40.0	
$ 26 Nitrobenzene-d5	82	4.905	4.917	-0.012	89	148285	25.8	
* 36 Naphthalene-d8	136	5.629	5.635	-0.006	99	629412	40.0	
$ 50 2-Fluorobiphenyl	172	6.723	6.729	-0.006	98	288717	23.1	
* 63 Acenaphthene-d10	164	7.388	7.393	-0.005	93	308148	40.0	
$ 79 2,4,6-Tribromophenol	330	8.170	8.176	-0.006	95	20594	11.9	
* 85 Phenanthrene-d10	188	8.852	8.852	0.000	99	407516	40.0	
$ 94 Terphenyl-d14	244	10.417	10.423	-0.006	99	187148	34.9	
* 100 Chrysene-d12	240	11.570	11.575	-0.005	99	232779	40.0	
* 107 Perylene-d12	264	13.452	13.452	0.000	97	183975	40.0	

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CBNAMS12\20151112-34179.b\L127929.D				
Lims ID:	460-104194-F-9-C	Lab Sample ID:	460-104194-9		
Client ID:	PRA-18-NE				
Sample Type:	Client				
Inject. Date:	12-Nov-2015 18:27:30	ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0034179-008				
Operator ID:	BNA 12	Instrument ID:	CBNAMS12		
Method:	\\ChromNA\Edison\ChromData\CBNAMS12\20151112-34179.b\8270_12R_9.m				
Limit Group:	SV 8270D ICAL				
Last Update:	12-Nov-2015 22:33:00	Calib Date:	19-Oct-2015 20:41:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\ChromNA\Edison\Database\NIST02.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK005				
First Level Reviewer: bayoumiw		Date:	12-Nov-2015 22:33:00		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
6311-48-4 Dibenzylidene 4,4'-biphenylenediamine								
13.775	355190	27.8	107	93	145066	C26H20N2	360	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 107 Perylene-d12	13.452	511175	40.0

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

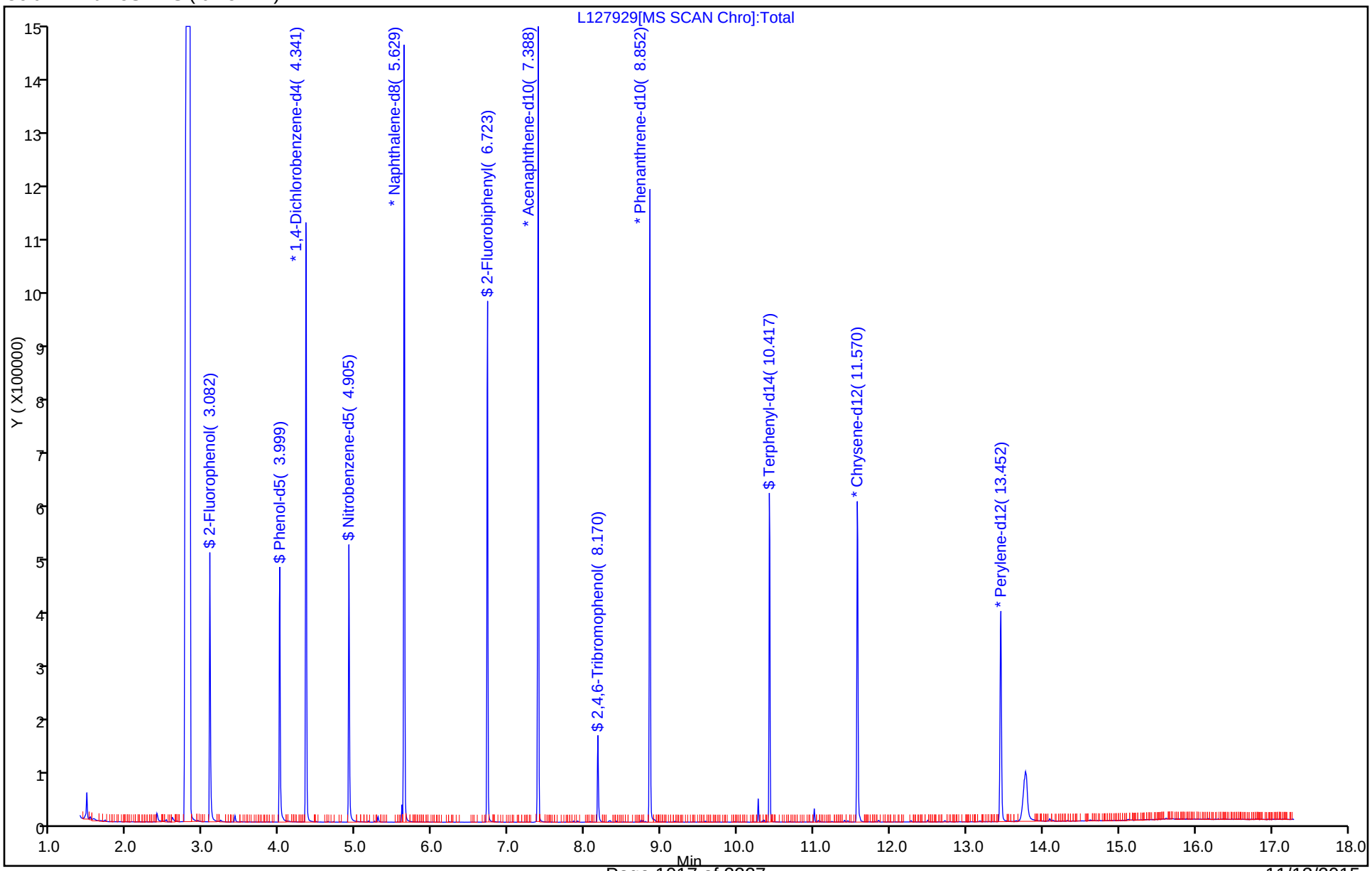
Report Date: 12-Nov-2015 22:33:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151112-34179.b\L127929.D

Injection Date:	12-Nov-2015 18:27:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-104194-F-9-C	Lab Sample ID:	460-104194-9	Worklist Smp#:	8
Client ID:	PRA-18-NE				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



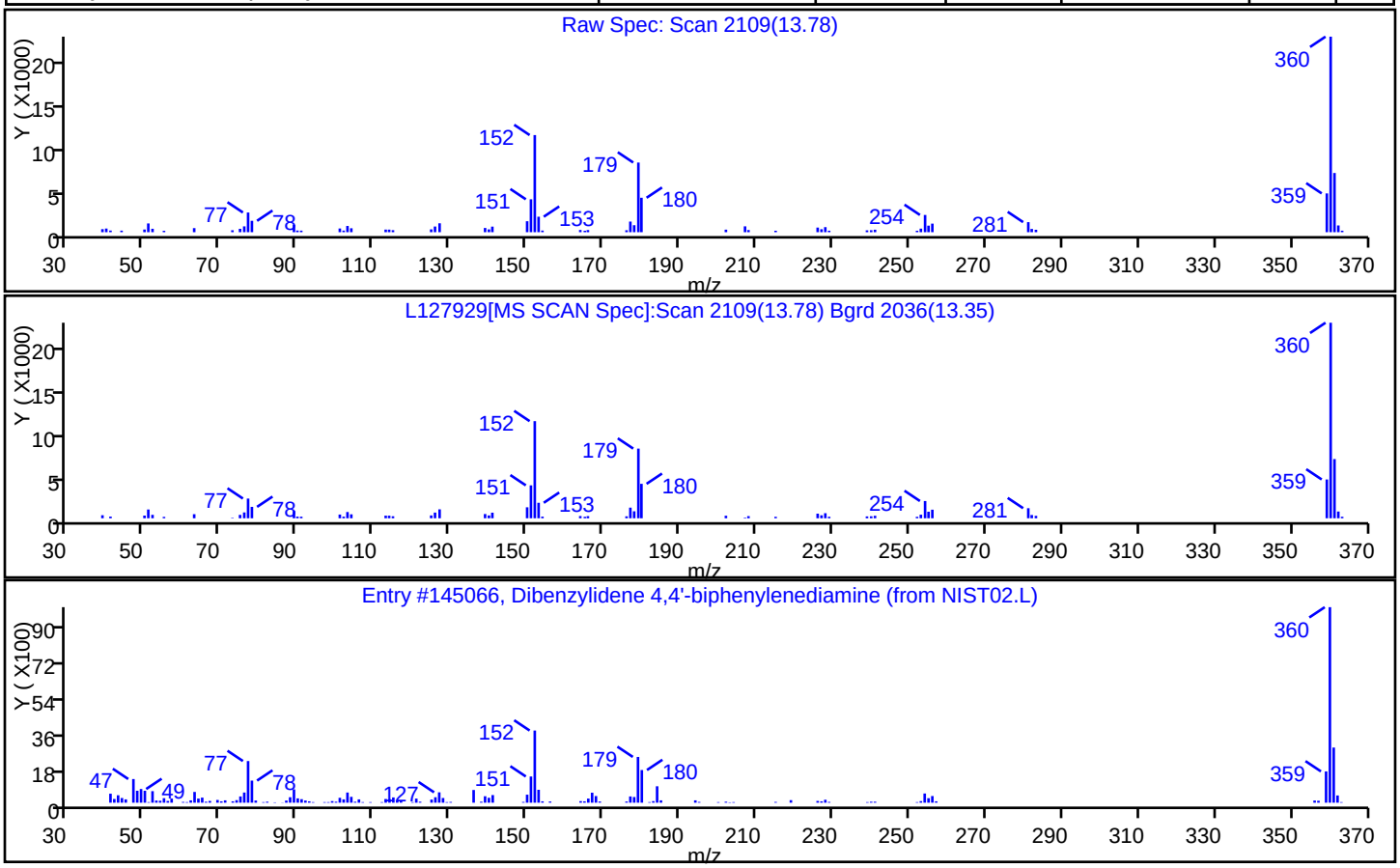
Report Date: 12-Nov-2015 22:33:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151112-34179.b\L127929.D

Injection Date:	12-Nov-2015 18:27:30	Instrument ID:	CBNAMS12		
Lims ID:	460-104194-F-9-C	Lab Sample ID:	460-104194-9		
Client ID:	PRA-18-NE				
Operator ID:	BNA 12	ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dibenzylidene 4,4'-biphenylenediamine	6311-48-4	NIST02.L	145066	C26H20N2	360	93



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-20-N | Lab Sample ID: 460-104194-10

Matrix: Solid | Lab File ID: x8412.D

Analysis Method: 8270D | Date Collected: 11/06/2015 11:25

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0343(g) | Date Analyzed: 11/11/2015 10:02

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	11	U	350	11
95-57-8	2-Chlorophenol	8.8	U	350	8.8
95-48-7	2-Methylphenol	15	U	350	15
106-44-5	4-Methylphenol	9.5	U	350	9.5
100-52-7	Benzaldehyde	27	U	350	27
98-86-2	Acetophenone	7.6	U	350	7.6
111-44-4	Bis(2-chloroethyl)ether	8.2	U	35	8.2
108-60-1	2,2'-oxybis[1-chloropropane]	14	U	350	14
621-64-7	N-Nitrosodi-n-propylamine	12	U	35	12
98-95-3	Nitrobenzene	11	U	35	11
67-72-1	Hexachloroethane	13	U	35	13
78-59-1	Isophorone	7.5	U	140	7.5
88-75-5	2-Nitrophenol	12	U	350	12
105-67-9	2,4-Dimethylphenol	77	U	350	77
120-83-2	2,4-Dichlorophenol	8.2	U	140	8.2
111-91-1	Bis(2-chloroethoxy)methane	11	U	350	11
91-20-3	Naphthalene	8.8	U	350	8.8
106-47-8	4-Chloroaniline	8.9	U	350	8.9
87-68-3	Hexachlorobutadiene	9.8	U	71	9.8
105-60-2	Caprolactam	25	U	350	25
59-50-7	4-Chloro-3-methylphenol	15	U	350	15
91-57-6	2-Methylnaphthalene	7.7	U	350	7.7
118-74-1	Hexachlorobenzene	14	U	35	14
77-47-4	Hexachlorocyclopentadiene	22	U	350	22
88-06-2	2,4,6-Trichlorophenol	9.9	U	140	9.9
95-95-4	2,4,5-Trichlorophenol	35	U	350	35
92-52-4	Diphenyl	30	U	350	30
91-58-7	2-Chloronaphthalene	7.9	U	350	7.9
88-74-4	2-Nitroaniline	11	U	350	11
606-20-2	2,6-Dinitrotoluene	19	U	71	19
131-11-3	Dimethyl phthalate	10	U	350	10
208-96-8	Acenaphthylene	8.9	U	350	8.9
99-09-2	3-Nitroaniline	10	U	350	10
83-32-9	Acenaphthene	8.4	U	350	8.4

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-20-N | Lab Sample ID: 460-104194-10

Matrix: Solid | Lab File ID: x8412.D

Analysis Method: 8270D | Date Collected: 11/06/2015 11:25

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0343(g) | Date Analyzed: 11/11/2015 10:02

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	170	U	710	170
51-28-5	2,4-Dinitrophenol	260	U	280	260
132-64-9	Dibenzofuran	11	U	350	11
84-66-2	Diethyl phthalate	9.9	U	350	9.9
86-73-7	Fluorene	7.6	U	350	7.6
206-44-0	Fluoranthene	10	U	350	10
84-74-2	Di-n-butyl phthalate	10	U	350	10
121-14-2	2,4-Dinitrotoluene	14	U	71	14
7005-72-3	4-Chlorophenyl phenyl ether	10	U	350	10
100-01-6	4-Nitroaniline	13	U	350	13
534-52-1	4,6-Dinitro-2-methylphenol	93	U	280	93
101-55-3	4-Bromophenyl phenyl ether	11	U	350	11
1912-24-9	Atrazine	15	U	140	15
120-12-7	Anthracene	33	U	350	33
86-74-8	Carbazole	8.6	U	350	8.6
85-01-8	Phenanthrene	9.3	U	350	9.3
87-86-5	Pentachlorophenol	42	U	280	42
129-00-0	Pyrene	16	U	350	16
218-01-9	Chrysene	9.5	U	350	9.5
207-08-9	Benzo[k]fluoranthene	15	U	35	15
191-24-2	Benzo[g,h,i]perylene	20	U	350	20
205-99-2	Benzo[b]fluoranthene	14	U	35	14
50-32-8	Benzo[a]pyrene	11	U	35	11
56-55-3	Benzo[a]anthracene	29	U	35	29
86-30-6	N-Nitrosodiphenylamine	32	U *	350	32
85-68-7	Butyl benzyl phthalate	11	U	350	11
117-81-7	Bis(2-ethylhexyl) phthalate	14	U	350	14
117-84-0	Di-n-octyl phthalate	18	U	350	18
193-39-5	Indeno[1,2,3-cd]pyrene	23	U	35	23
53-70-3	Dibenz(a,h)anthracene	18	U	35	18
91-94-1	3,3'-Dichlorobenzidine	39	U	140	39
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	350	26
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	350	33

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-20-N | Lab Sample ID: 460-104194-10

Matrix: Solid | Lab File ID: x8412.D

Analysis Method: 8270D | Date Collected: 11/06/2015 11:25

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0343(g) | Date Analyzed: 11/11/2015 10:02

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	62		28-92
4165-62-2	Phenol-d5	57		22-88
1718-51-0	Terphenyl-d14	74		16-114
118-79-6	2,4,6-Tribromophenol	64		10-95
367-12-4	2-Fluorophenol	56		21-84
321-60-8	2-Fluorobiphenyl	57		27-84

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-20-N | Lab Sample ID: 460-104194-10

Matrix: Solid | Lab File ID: x8412.D

Analysis Method: 8270D | Date Collected: 11/06/2015 11:25

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0343(g) | Date Analyzed: 11/11/2015 10:02

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

Number TICs Found: 16 | TIC Result Total: 16170

CAS NO.	COMPOUND NAME	RT	RESULT	Q
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	6.78	290	J N
3891-98-3	Dodecane, 2,6,10-trimethyl-	7.12	320	J N
1000100-23-6	Decahydro-8a-ethyl-1,1,4a,6-tetramethyln	7.26	420	J N
	Unknown	7.56	470	J
31295-56-4	Dodecane, 2,6,11-trimethyl-	7.65	380	J N
1000156-09-4	Tetrapentacontane, 1,54-dibromo-	7.82	530	J N
	Unknown	7.93	500	J
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.04	1500	J N
	Unknown	8.19	540	J
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.30	4600	J N
74685-33-9	3-Eicosene, (E)-	8.49	830	J N
1560-92-5	Hexadecane, 2-methyl-	8.52	590	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.76	3300	J N
55030-62-1	Tridecane, 4,8-dimethyl-	8.87	480	J N
54833-48-6	Heptadecane, 2,6,10,15-tetramethyl-	9.10	950	J N
	Unknown	9.13	470	J

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8412.D
Lims ID: 460-104194-F-10-A Lab Sample ID: 460-104194-10
Client ID: PRA-20-N
Sample Type: Client
Inject. Date: 11-Nov-2015 10:02:30 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034083-020
Operator ID: Instrument ID: CBNAMS5

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 23:53:27 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: manlangitf Date: 11-Nov-2015 10:31:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.087	3.057	0.030	97	169298	27.8	
$ 6 Phenol-d5	99	3.975	3.993	-0.018	86	198904	28.7	
* 14 1,4-Dichlorobenzene-d4	152	4.334	4.334	0.000	95	180416	40.0	
$ 26 Nitrobenzene-d5	82	4.887	4.898	-0.011	86	174887	30.8	
* 38 Naphthalene-d8	136	5.616	5.616	0.000	99	653999	40.0	
$ 51 2-Fluorobiphenyl	172	6.698	6.698	0.000	98	343797	28.5	
* 65 Acenaphthene-d10	164	7.363	7.363	0.000	92	300167	40.0	
$ 80 2,4,6-Tribromophenol	330	8.145	8.145	0.000	92	37862	31.8	
* 88 Phenanthrene-d10	188	8.833	8.828	0.005	98	350804	40.0	
$ 96 Terphenyl-d14	244	10.404	10.404	0.000	99	181631	37.1	
* 102 Chrysene-d12	240	11.586	11.592	-0.006	99	176566	40.0	
* 109 Perylene-d12	264	13.515	13.521	-0.006	97	125202	40.0	

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8412.D
Lims ID: 460-104194-F-10-A Lab Sample ID: 460-104194-10
Client ID: PRA-20-N
Sample Type: Client
Inject. Date: 11-Nov-2015 10:02:30 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034083-020
Operator ID: Instrument ID: CBNAMS5

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 23:53:27 Calib Date: 08-Nov-2015 21:05:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: manlangitf Date: 11-Nov-2015 10:31:02

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
80655-44-3 Decahydro-4,4,8,9,10-pentamethylnaphthal								
6.775	137884	4.19	65	99	61716	C15H28	208	
3891-98-3 Dodecane, 2,6,10-trimethyl-								
7.122	150379	4.58	65	90	64590	C15H32	212	
1000100-23-6 Decahydro-8a-ethyl-1,1,4a,6-tetramethyln								
7.263	196636	5.98	65	97	71138	C16H30	222	
Unknown								
7.563	222248	6.76	65					
31295-56-4 Dodecane, 2,6,11-trimethyl-								
7.645	178636	5.43	65	83	64588	C15H32	212	
1000156-09-4 Tetrapentacontane, 1,54-dibromo-								
7.816	248131	7.55	65	91	174828	C54H108Br2	915	
Unknown								
7.933	233294	7.10	65					
3892-00-0 Pentadecane, 2,6,10-trimethyl-								
8.039	692324	21.1	65	80	91053	C18H38	254	
Unknown								
8.192	178078	7.75	88					
1921-70-6 Pentadecane, 2,6,10,14-tetramethyl-								
8.304	1520824	66.2	88	99	99492	C19H40	268	
74685-33-9 3-Eicosene, (E)-								
8.486	273149	11.9	88	95	106400	C20H40	280	
1560-92-5 Hexadecane, 2-methyl-								
8.516	194551	8.47	88	89	82615	C17H36	240	

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	638-36-8	Hexadecane, 2,6,10,14-tetramethyl-						
8.763	1082764	47.1	88	91	107669	C20H42	282	
	55030-62-1	Tridecane, 4,8-dimethyl-						
8.869	158214	6.89	88	89	64583	C15H32	212	
	54833-48-6	Heptadecane, 2,6,10,15-tetramethyl-						
9.104	310686	13.5	88	91	115581	C21H44	296	
		Unknown						
9.133	154591	6.73	88					

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 65 Acenaphthene-d10	7.363	1314779	40.0
* 88 Phenanthrene-d10	8.833	918680	40.0

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

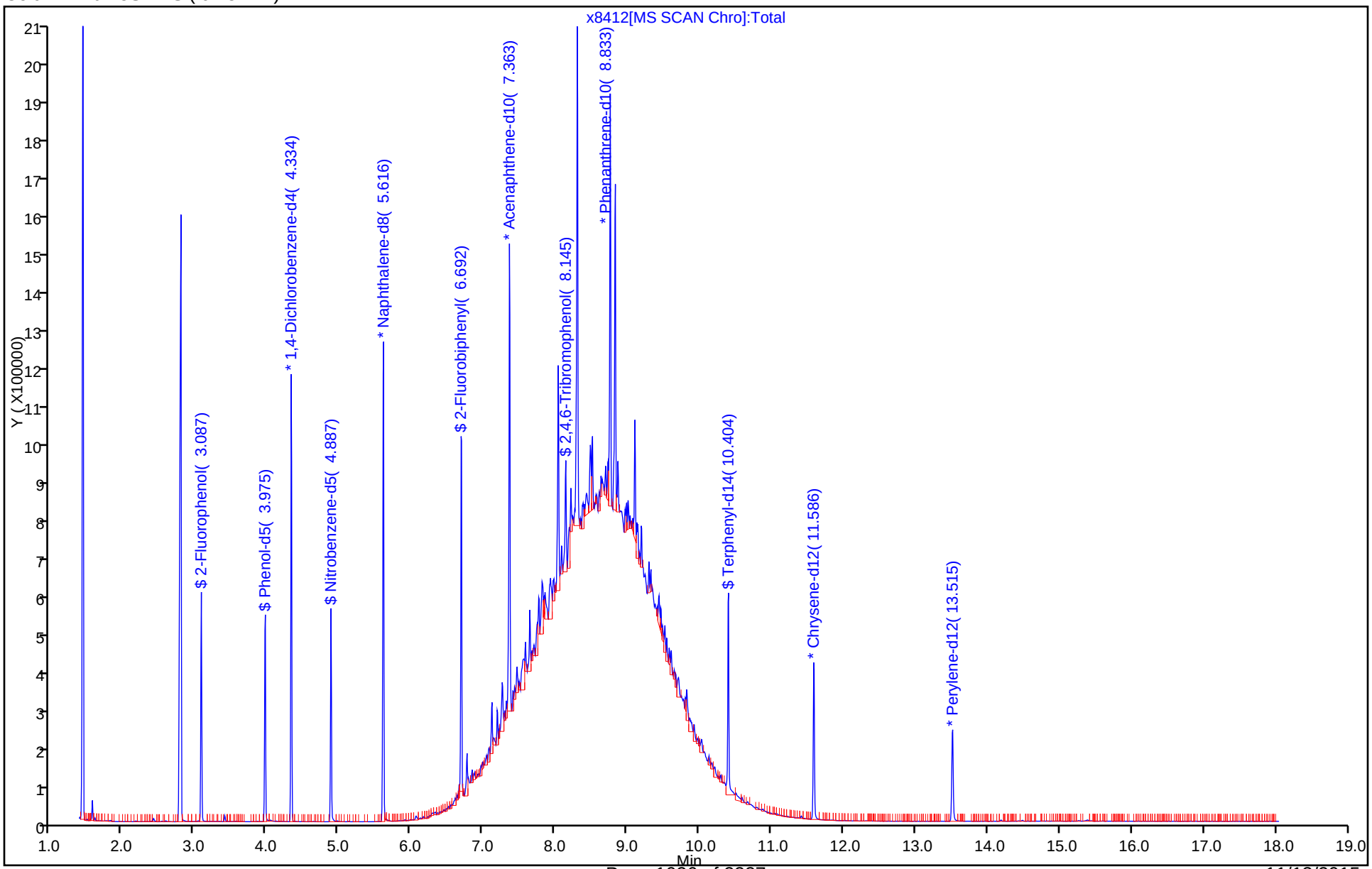
Report Date: 11-Nov-2015 23:54:03 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8412.D

Injection Date:	11-Nov-2015 10:02:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	460-104194-F-10-A	Lab Sample ID:	460-104194-10	Worklist Smp#:	20
Client ID:	PRA-20-N				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



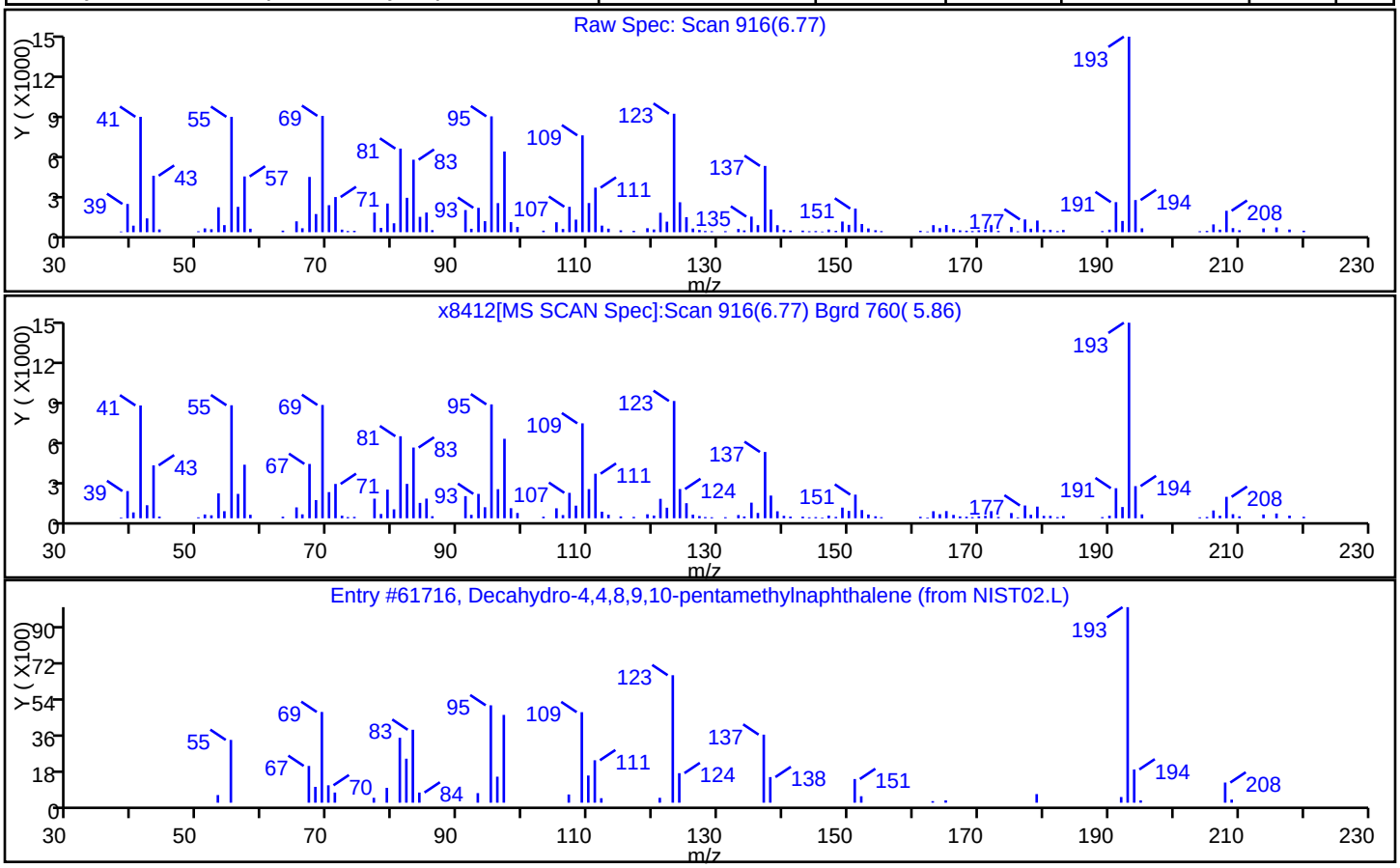
Report Date: 11-Nov-2015 23:54:05 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8412.D

Injection Date:	11-Nov-2015 10:02:30	Instrument ID:	CBNAMS5		
Lims ID:	460-104194-F-10-A	Lab Sample ID:	460-104194-10		
Client ID:	PRA-20-N				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

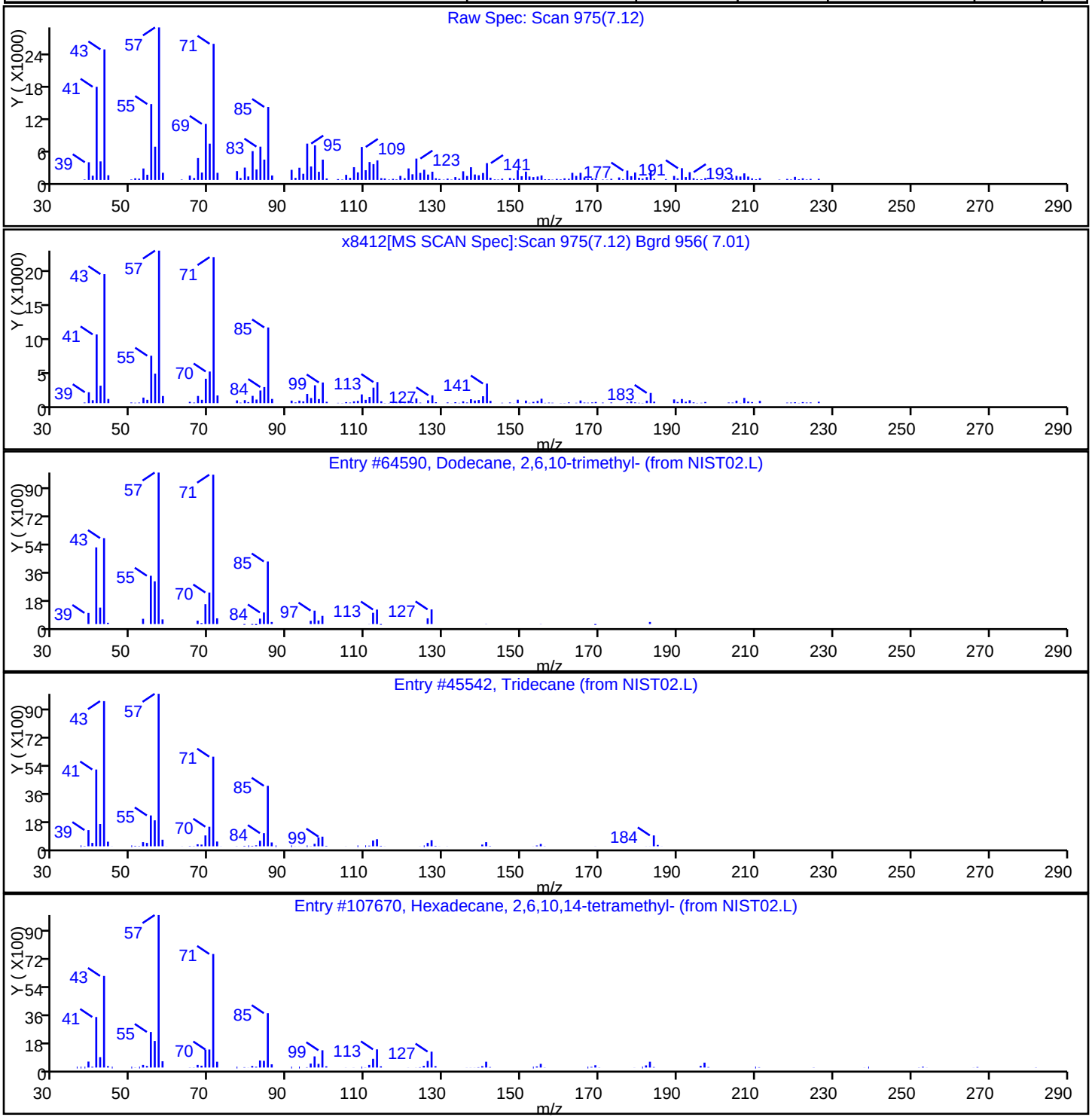
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	C15H28	208	99



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8412.D
Injection Date: 11-Nov-2015 10:02:30 Instrument ID: CBNAMS5
Lims ID: 460-104194-F-10-A Lab Sample ID: 460-104194-10
Client ID: PRA-20-N
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64590	C15H32	212	90
Tridecane	629-50-5	NIST02.L	45542	C13H28	184	87
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	C20H42	282	86

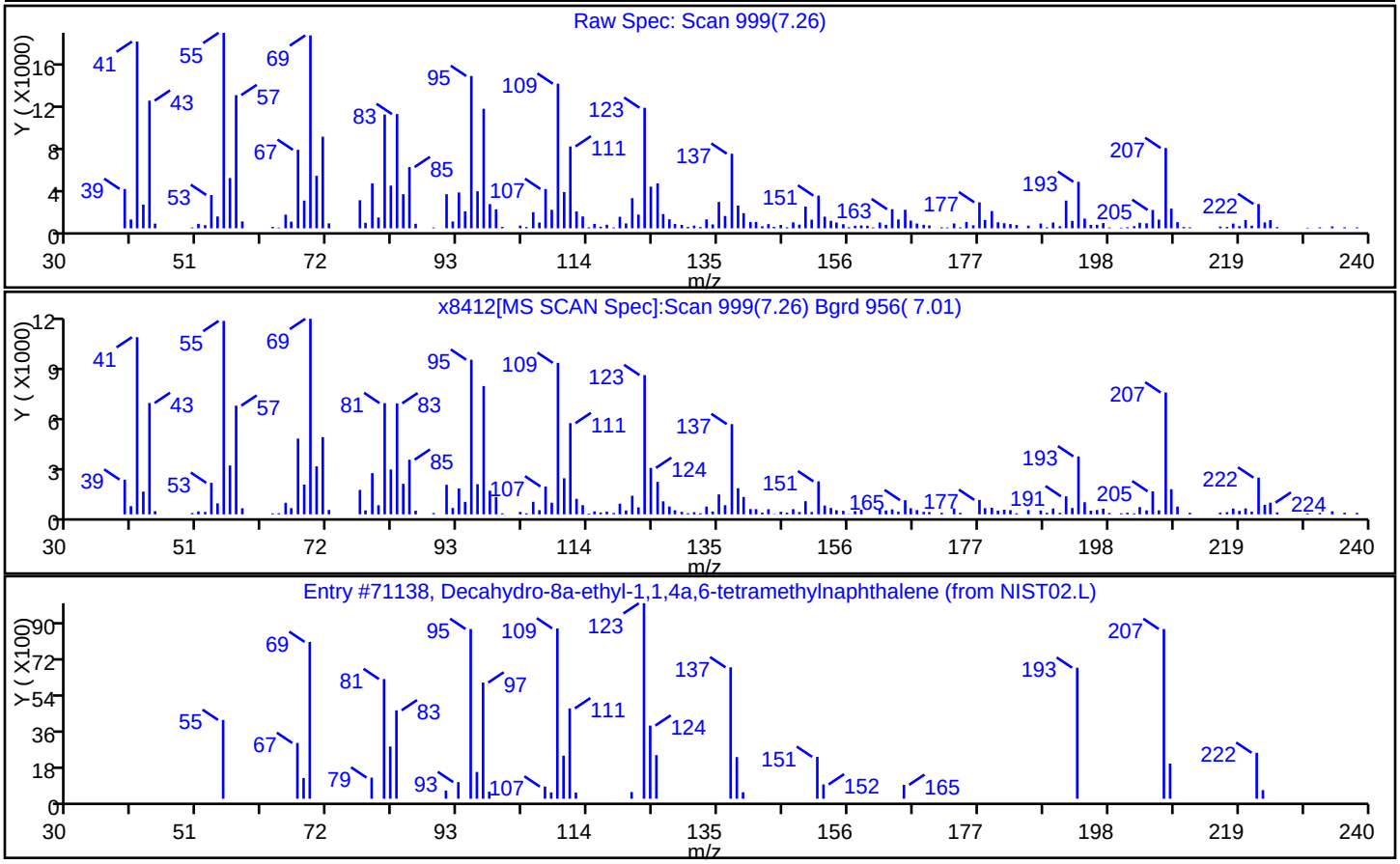


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8412.D

Injection Date:	11-Nov-2015 10:02:30	Instrument ID:	CBNAMS5		
Lims ID:	460-104194-F-10-A	Lab Sample ID:	460-104194-10		
Client ID:	PRA-20-N				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decahydro-8a-ethyl-1,1,4a,6-tetramethyln	1000100-23-6	NIST02.L	71138	C16H30	222	97



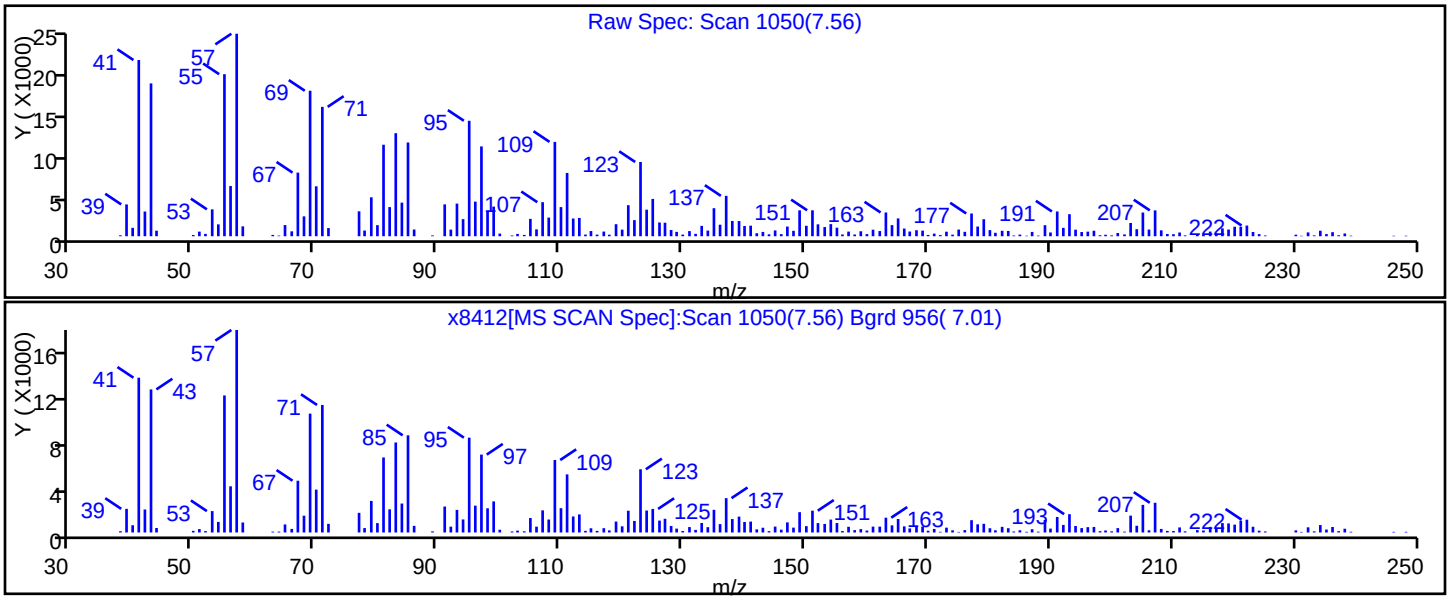
Report Date: 11-Nov-2015 23:54:05 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8412.D

Injection Date:	11-Nov-2015 10:02:30	Instrument ID:	CBNAMS5		
Lims ID:	460-104194-F-10-A	Lab Sample ID:	460-104194-10		
Client ID:	PRA-20-N				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



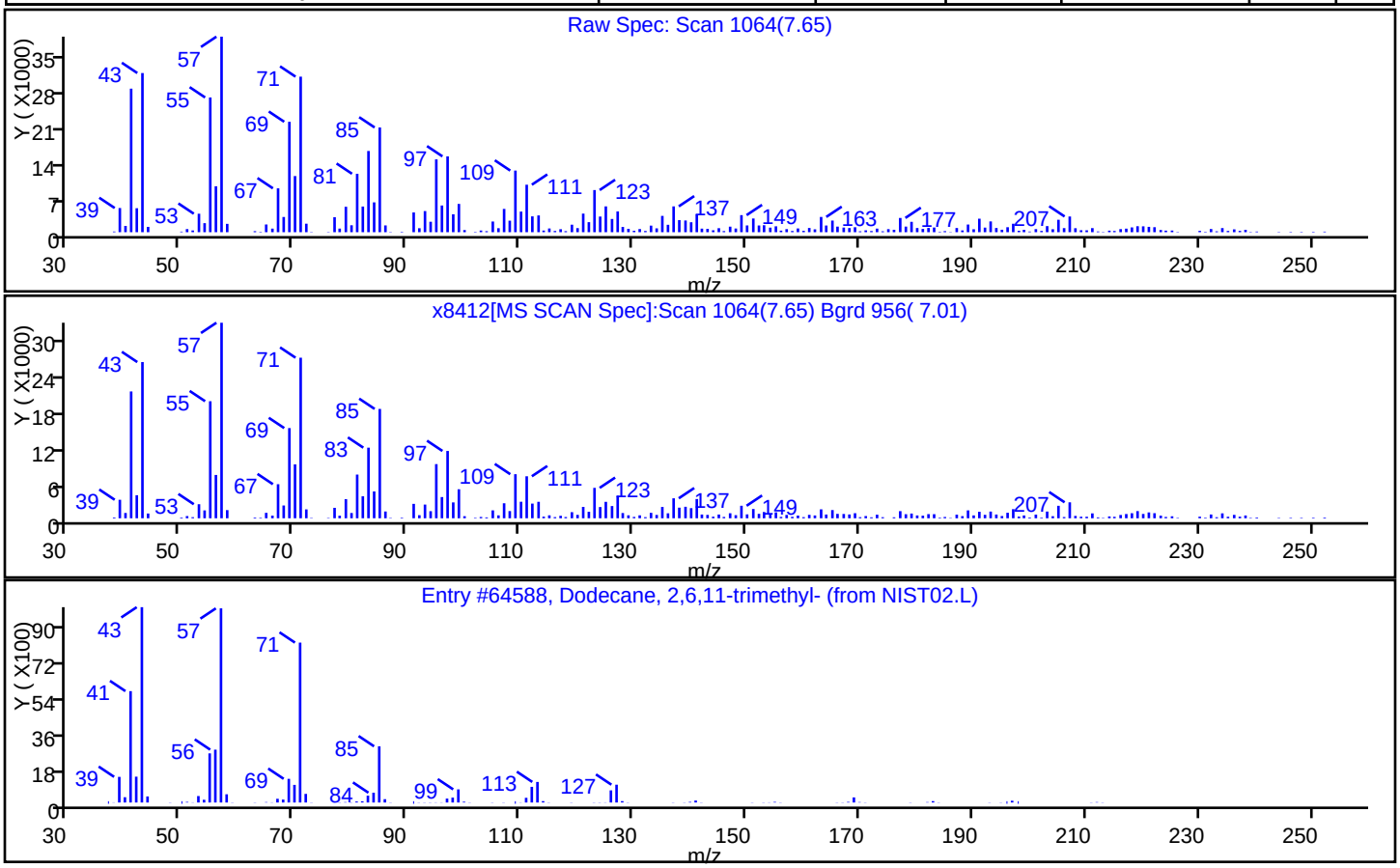
Report Date: 11-Nov-2015 23:54:05 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8412.D

Injection Date:	11-Nov-2015 10:02:30	Instrument ID:	CBNAMS5		
Lims ID:	460-104194-F-10-A	Lab Sample ID:	460-104194-10		
Client ID:	PRA-20-N				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64588	C15H32	212	83



Report Date: 11-Nov-2015 23:54:05 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8412.D

Injection Date: 11-Nov-2015 10:02:30 Instrument ID: CBNAMS5

Lims ID: 460-104194-F-10-A Lab Sample ID: 460-104194-10

Client ID: PRA-20-N

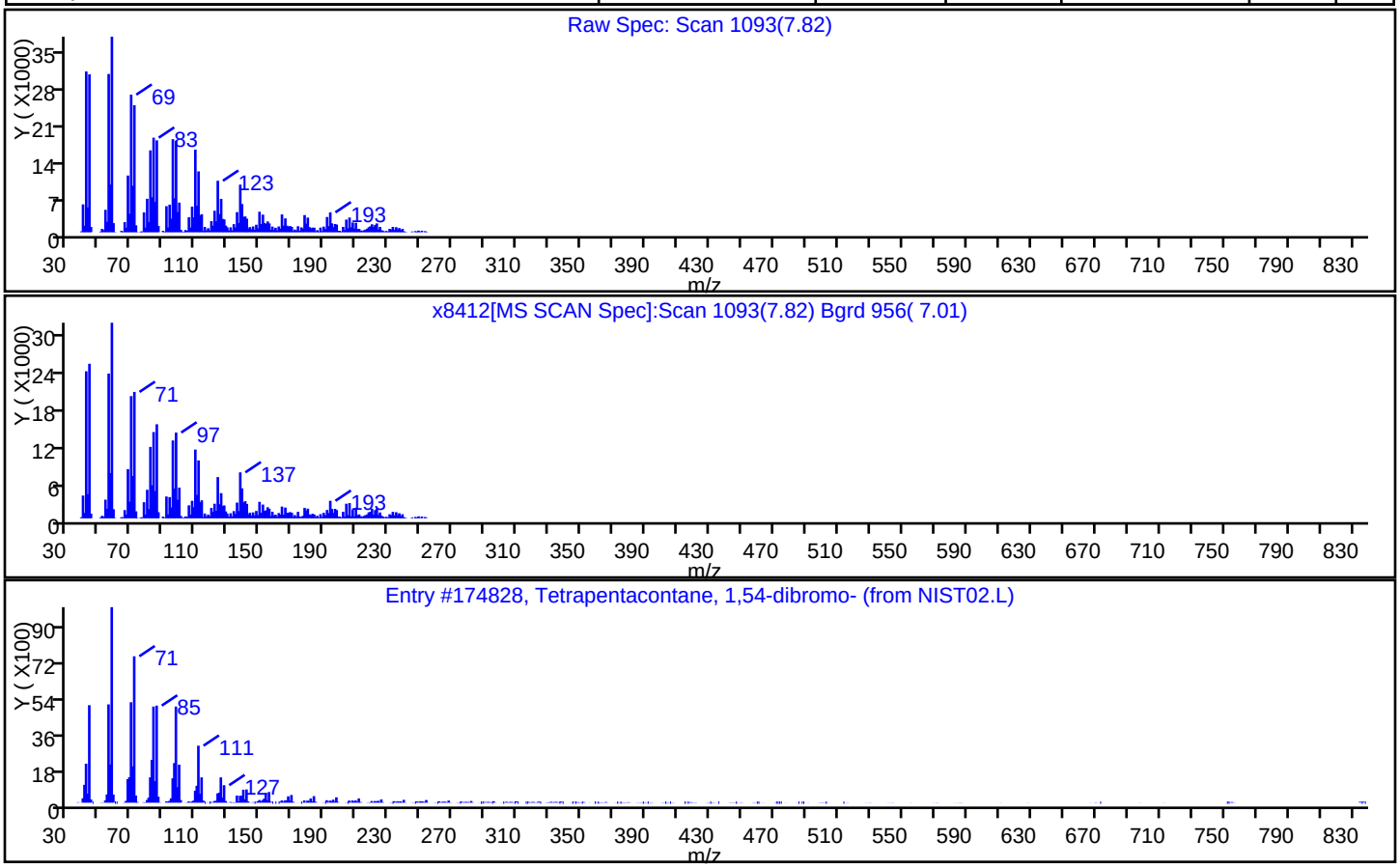
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tetrapentacontane, 1,54-dibromo-	1000156-09-4	NIST02.L	174828	C54H108Br2	915	91



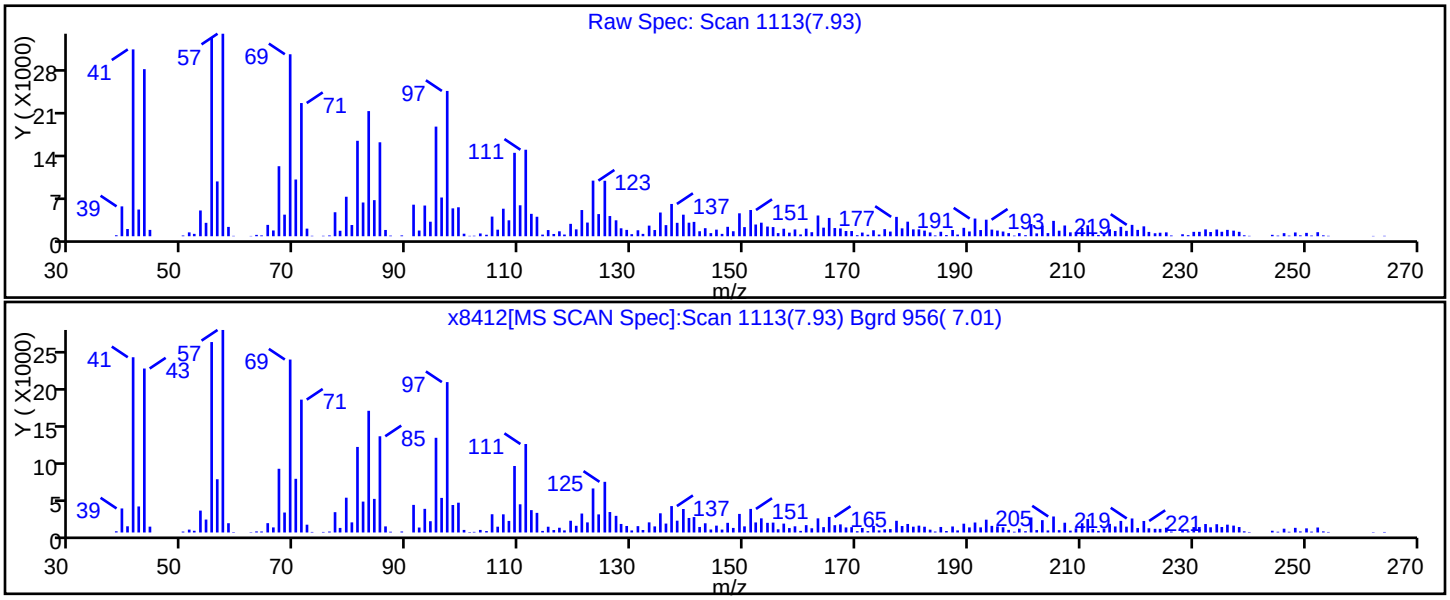
Report Date: 11-Nov-2015 23:54:05 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8412.D

Injection Date:	11-Nov-2015 10:02:30	Instrument ID:	CBNAMS5		
Lims ID:	460-104194-F-10-A	Lab Sample ID:	460-104194-10		
Client ID:	PRA-20-N				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 11-Nov-2015 23:54:06 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8412.D

Injection Date: 11-Nov-2015 10:02:30 Instrument ID: CBNAMS5

Lims ID: 460-104194-F-10-A Lab Sample ID: 460-104194-10

Client ID: PRA-20-N

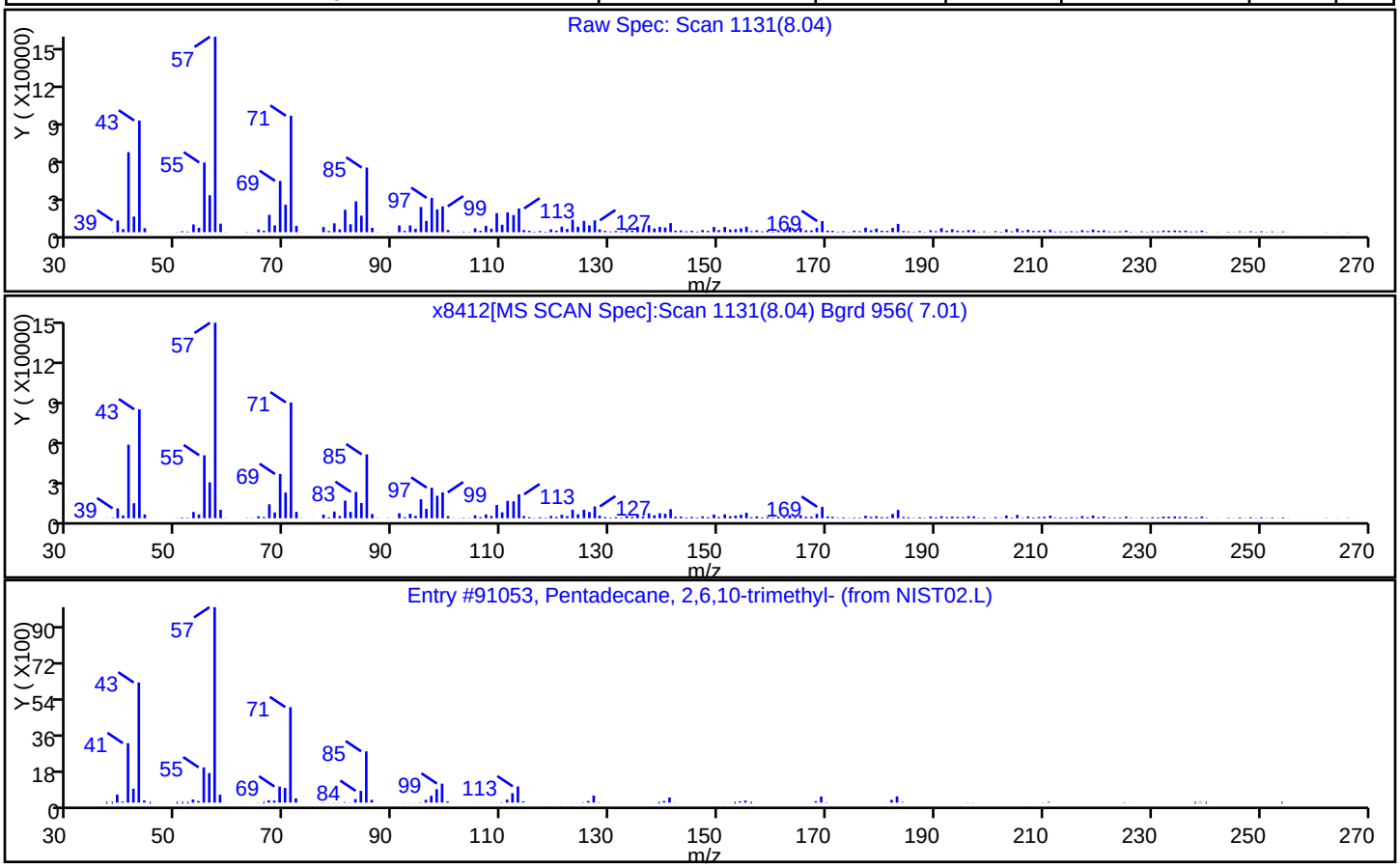
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	C18H38	254	80



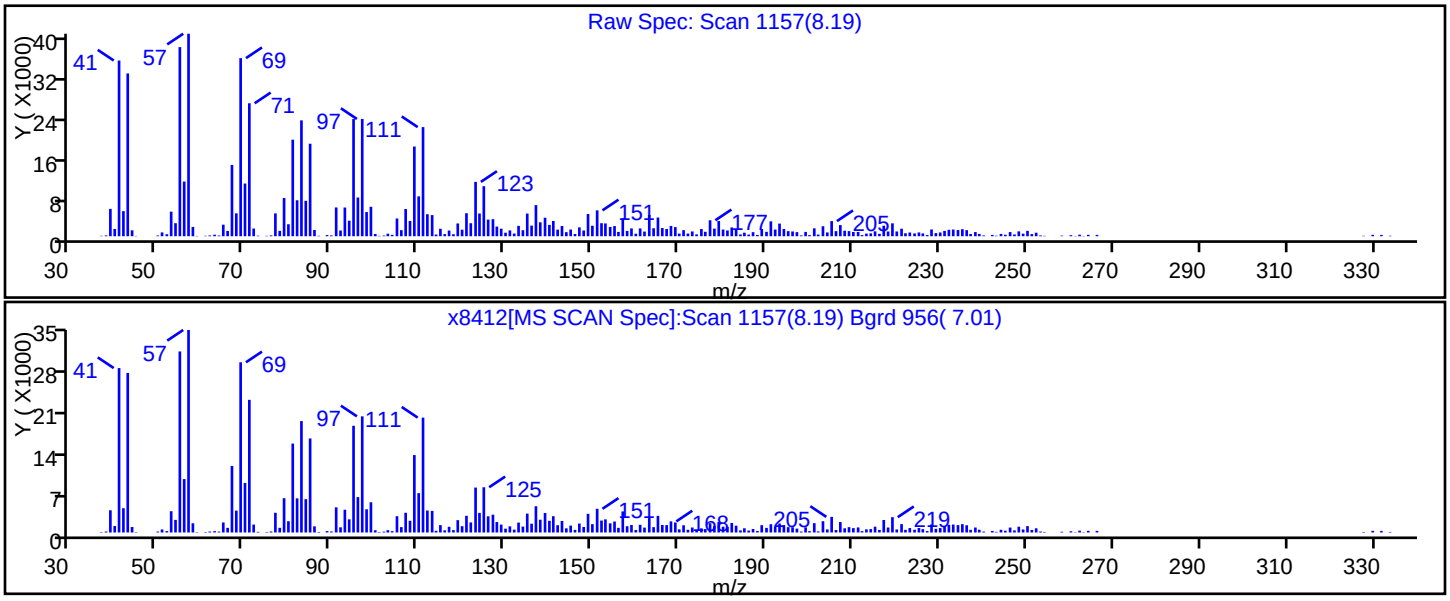
Report Date: 11-Nov-2015 23:54:06 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8412.D

Injection Date:	11-Nov-2015 10:02:30	Instrument ID:	CBNAMS5		
Lims ID:	460-104194-F-10-A	Lab Sample ID:	460-104194-10		
Client ID:	PRA-20-N				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Report Date: 11-Nov-2015 23:54:06 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8412.D

Injection Date: 11-Nov-2015 10:02:30 Instrument ID: CBNAMS5

Lims ID: 460-104194-F-10-A Lab Sample ID: 460-104194-10

Client ID: PRA-20-N

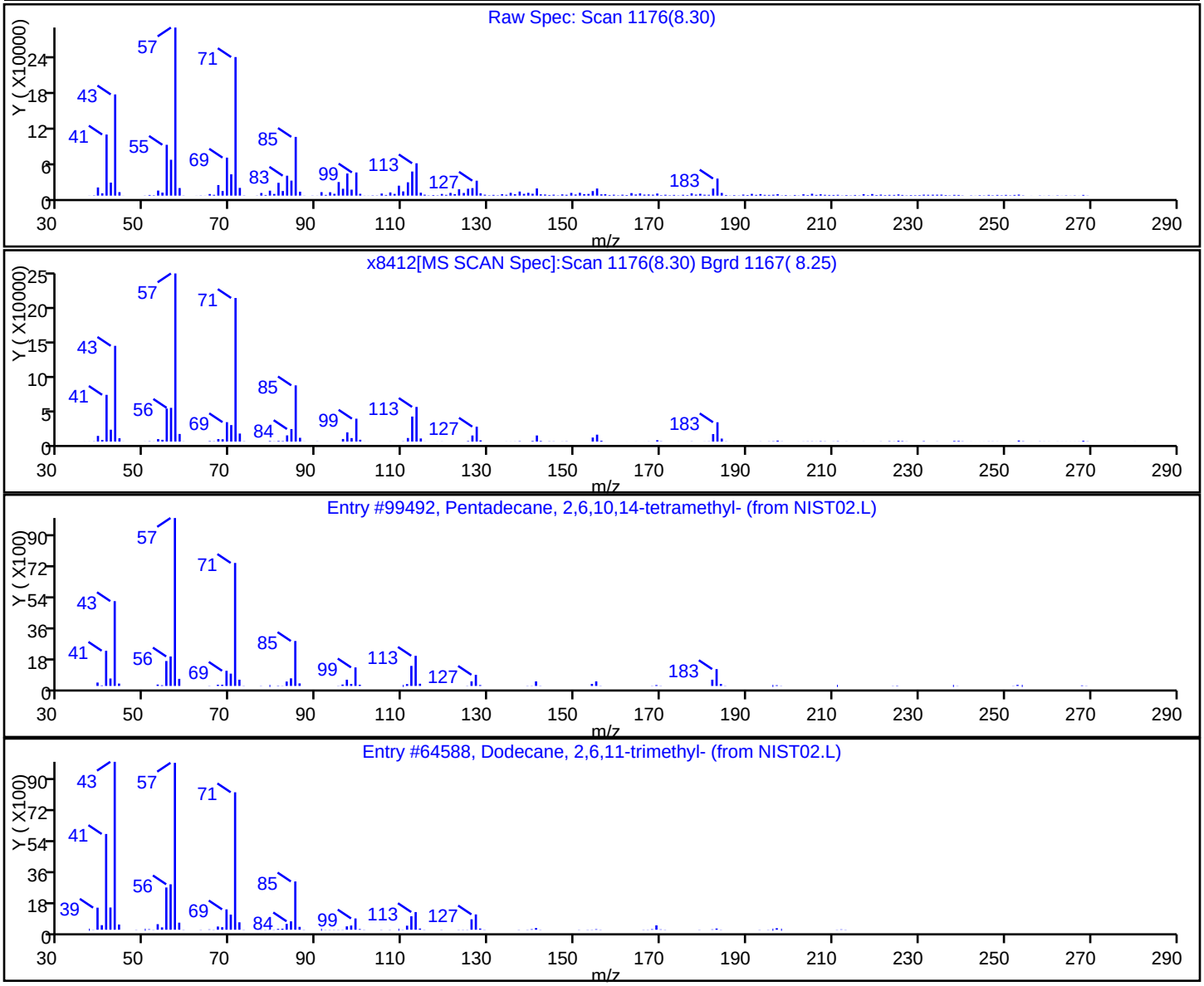
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

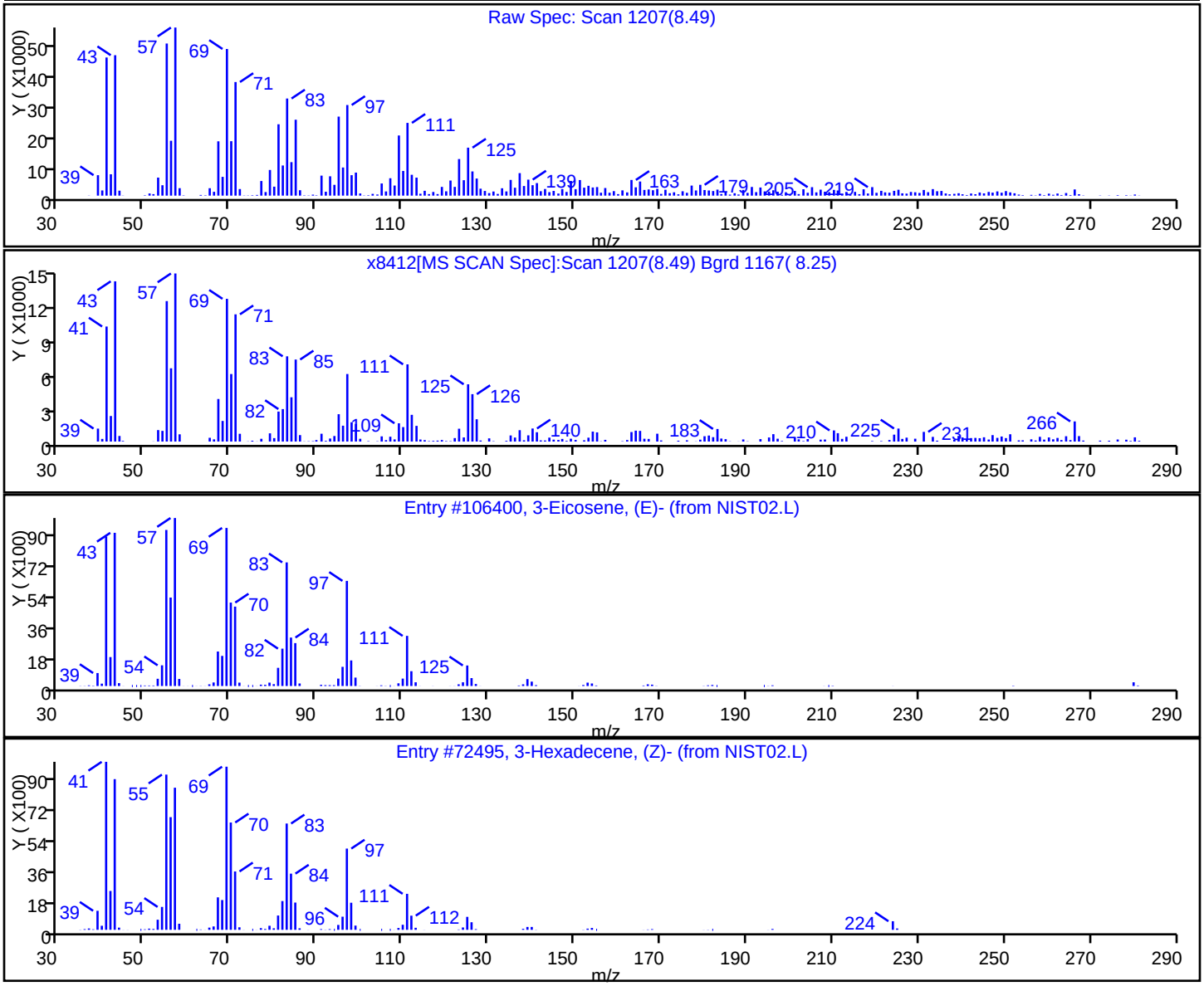
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99492	C19H40	268	99
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64588	C15H32	212	93



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8412.D
Injection Date: 11-Nov-2015 10:02:30 Instrument ID: CBNAMS5
Lims ID: 460-104194-F-10-A Lab Sample ID: 460-104194-10
Client ID: PRA-20-N
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
3-Eicosene, (E)-	74685-33-9	NIST02.L	106400	C20H40	280	95
3-Hexadecene, (Z)-	34303-81-6	NIST02.L	72495	C16H32	224	91



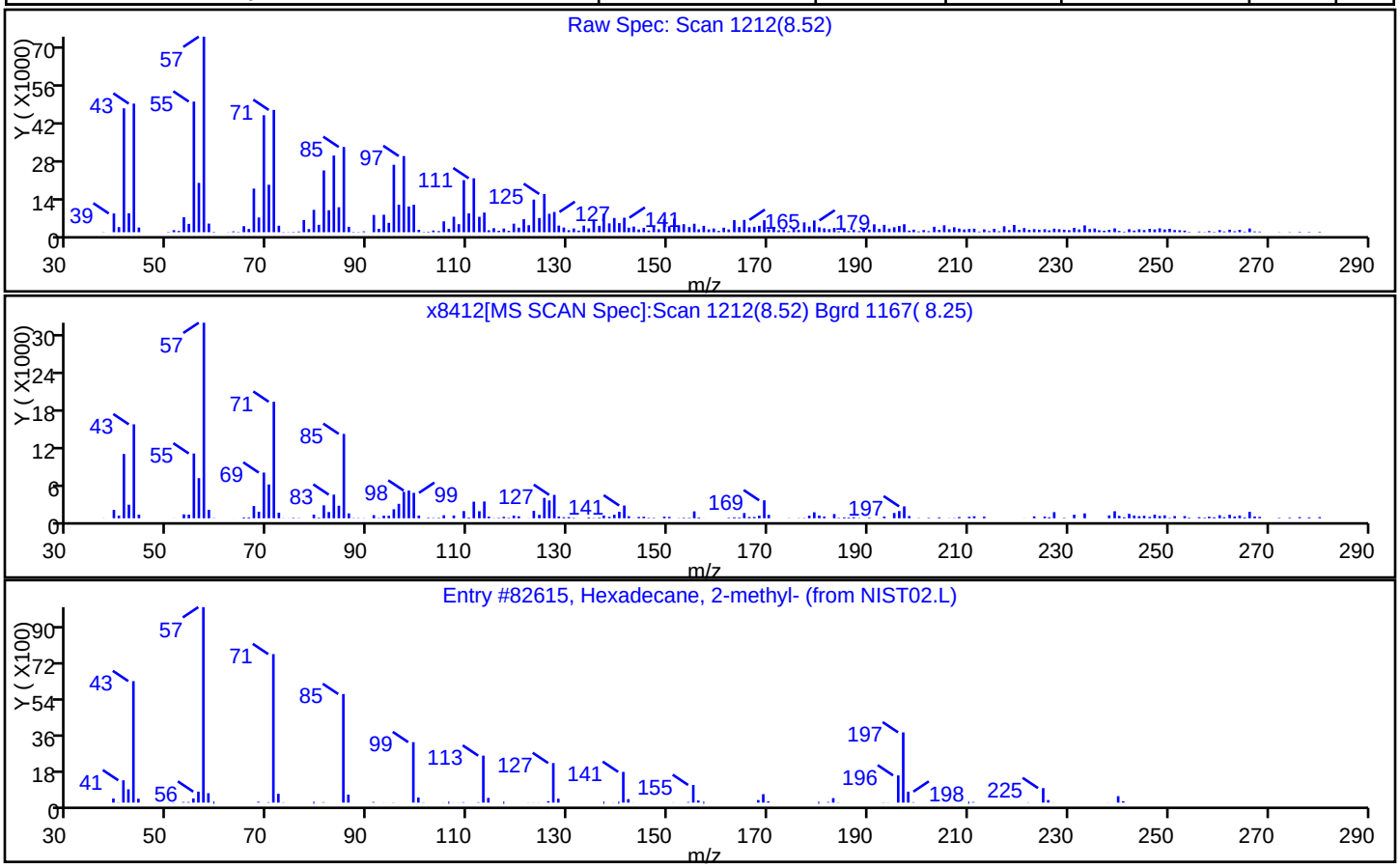
Report Date: 11-Nov-2015 23:54:06 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8412.D

Injection Date:	11-Nov-2015 10:02:30	Instrument ID:	CBNAMS5		
Lims ID:	460-104194-F-10-A	Lab Sample ID:	460-104194-10		
Client ID:	PRA-20-N				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

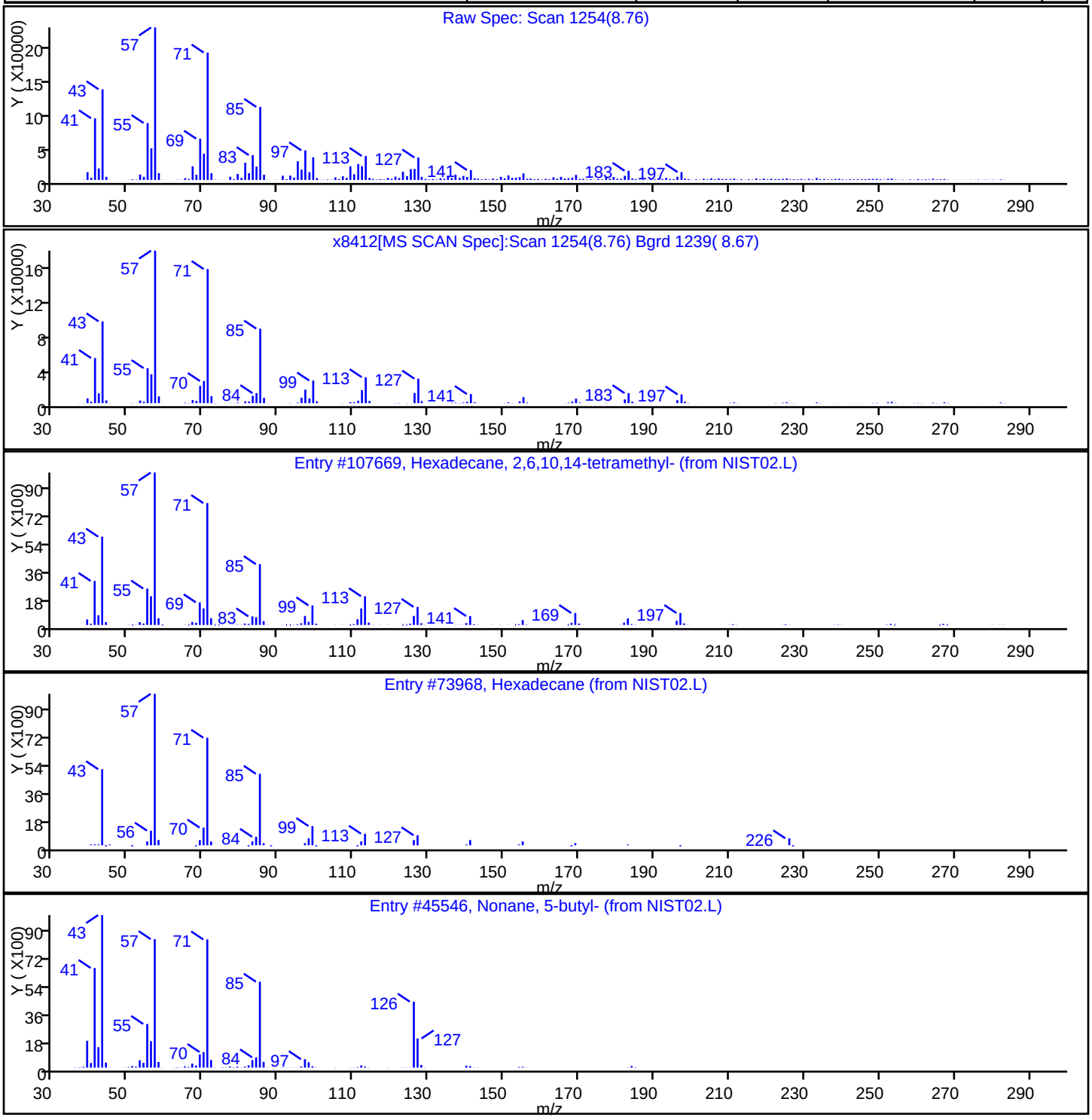
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane, 2-methyl-	1560-92-5	NIST02.L	82615	C17H36	240	89



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8412.D
Injection Date: 11-Nov-2015 10:02:30 Instrument ID: CBNAMS5
Lims ID: 460-104194-F-10-A Lab Sample ID: 460-104194-10
Client ID: PRA-20-N
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107669	C20H42	282	91
Hexadecane	544-76-3	NIST02.L	73968	C16H34	226	90
Nonane, 5-butyl-	17312-63-9	NIST02.L	45546	C13H28	184	89



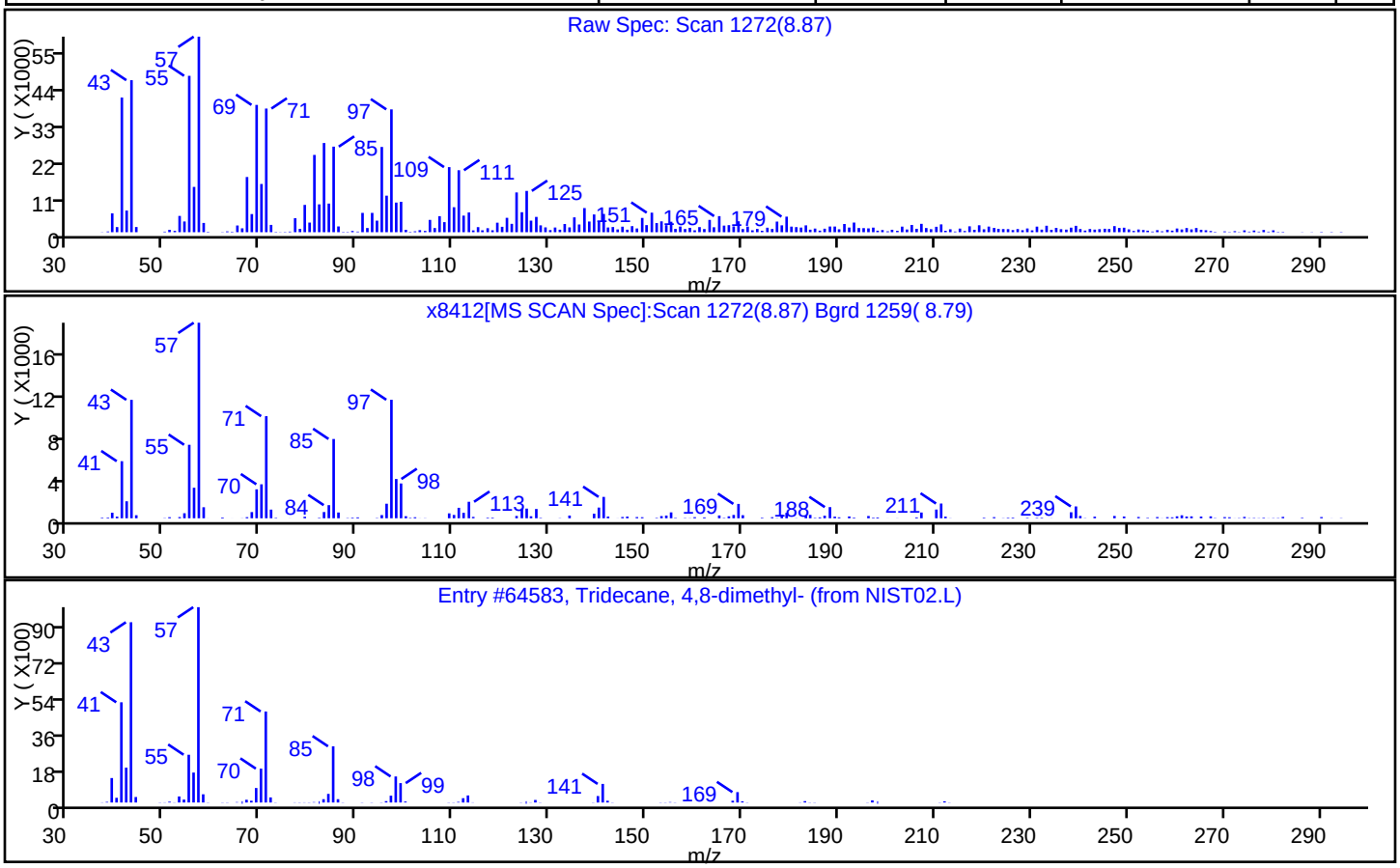
Report Date: 11-Nov-2015 23:54:06 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8412.D

Injection Date:	11-Nov-2015 10:02:30	Instrument ID:	CBNAMS5
Lims ID:	460-104194-F-10-A	Lab Sample ID:	460-104194-10
Client ID:	PRA-20-N		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270D ICAL
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tridecane, 4,8-dimethyl-	55030-62-1	NIST02.L	64583	C15H32	212	89



Report Date: 11-Nov-2015 23:54:06 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8412.D

Injection Date: 11-Nov-2015 10:02:30 Instrument ID: CBNAMS5

Lims ID: 460-104194-F-10-A Lab Sample ID: 460-104194-10

Client ID: PRA-20-N

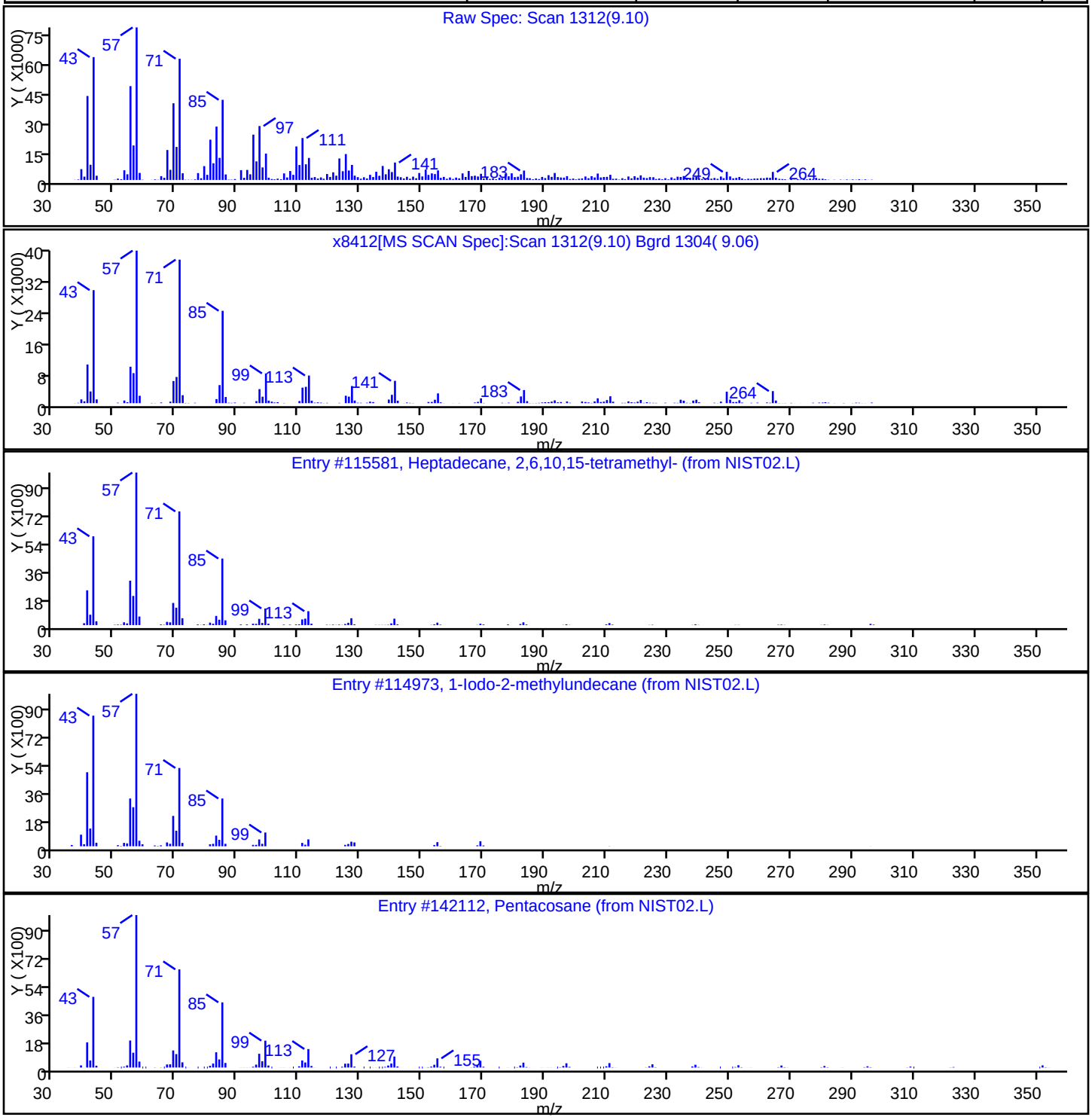
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST02.L	115581	C21H44	296	91
1-Iodo-2-methylundecane	73105-67-6	NIST02.L	114973	C12H25I	296	87
Pentacosane	629-99-2	NIST02.L	142112	C25H52	352	87



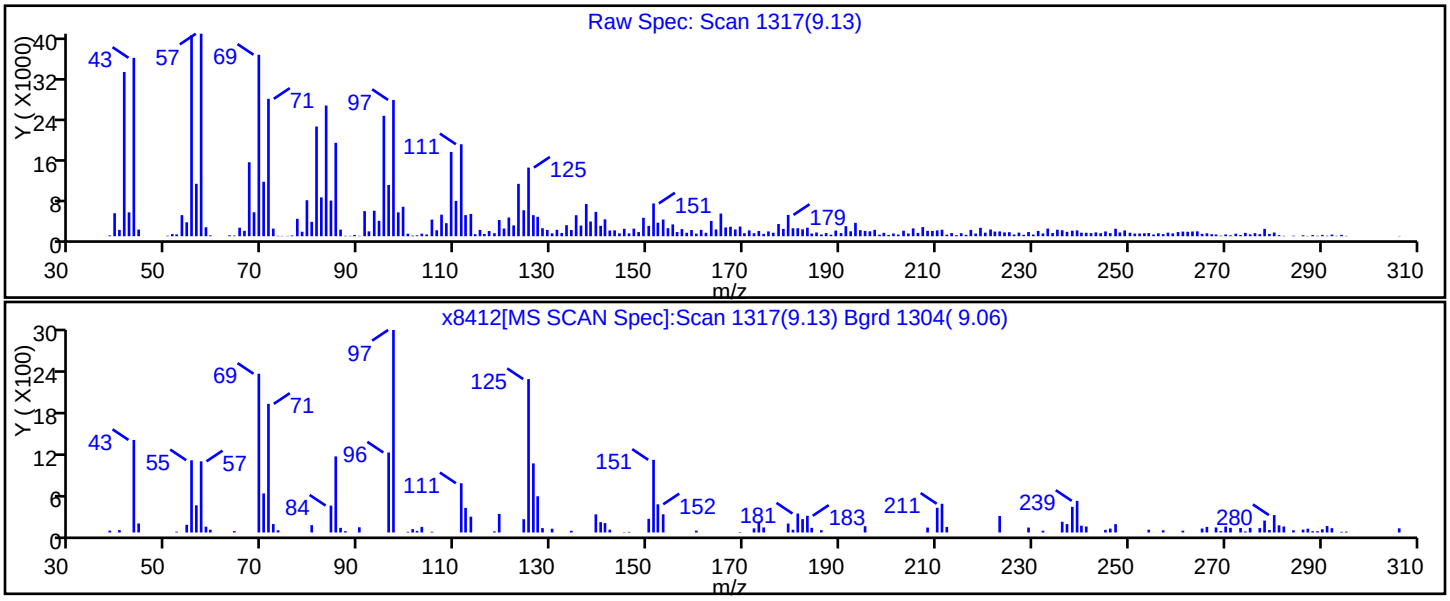
Report Date: 11-Nov-2015 23:54:07 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8412.D

Injection Date:	11-Nov-2015 10:02:30	Instrument ID:	CBNAMS5		
Lims ID:	460-104194-F-10-A	Lab Sample ID:	460-104194-10		
Client ID:	PRA-20-N				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: DUP-2015_11_06_01 | Lab Sample ID: 460-104194-20

Matrix: Solid | Lab File ID: x8410.D

Analysis Method: 8270D | Date Collected: 11/06/2015 00:00

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0177(g) | Date Analyzed: 11/11/2015 09:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	11	U	350	11
95-57-8	2-Chlorophenol	8.8	U	350	8.8
95-48-7	2-Methylphenol	15	U	350	15
106-44-5	4-Methylphenol	9.4	U	350	9.4
100-52-7	Benzaldehyde	26	U	350	26
98-86-2	Acetophenone	7.6	U	350	7.6
111-44-4	Bis(2-chloroethyl)ether	8.2	U	35	8.2
108-60-1	2,2'-oxybis[1-chloropropane]	14	U	350	14
621-64-7	N-Nitrosodi-n-propylamine	12	U	35	12
98-95-3	Nitrobenzene	11	U	35	11
67-72-1	Hexachloroethane	13	U	35	13
78-59-1	Isophorone	7.4	U	140	7.4
88-75-5	2-Nitrophenol	12	U	350	12
105-67-9	2,4-Dimethylphenol	76	U	350	76
120-83-2	2,4-Dichlorophenol	8.2	U	140	8.2
111-91-1	Bis(2-chloroethoxy)methane	11	U	350	11
91-20-3	Naphthalene	8.8	U	350	8.8
106-47-8	4-Chloroaniline	8.9	U	350	8.9
87-68-3	Hexachlorobutadiene	9.8	U	70	9.8
105-60-2	Caprolactam	25	U	350	25
59-50-7	4-Chloro-3-methylphenol	15	U	350	15
91-57-6	2-Methylnaphthalene	7.7	U	350	7.7
118-74-1	Hexachlorobenzene	14	U	35	14
77-47-4	Hexachlorocyclopentadiene	22	U	350	22
88-06-2	2,4,6-Trichlorophenol	9.9	U	140	9.9
95-95-4	2,4,5-Trichlorophenol	35	U	350	35
92-52-4	Diphenyl	30	U	350	30
91-58-7	2-Chloronaphthalene	7.9	U	350	7.9
88-74-4	2-Nitroaniline	11	U	350	11
606-20-2	2,6-Dinitrotoluene	18	U	70	18
131-11-3	Dimethyl phthalate	10	U	350	10
208-96-8	Acenaphthylene	8.9	U	350	8.9
99-09-2	3-Nitroaniline	10	U	350	10
83-32-9	Acenaphthene	8.4	U	350	8.4

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: DUP-2015_11_06_01 | Lab Sample ID: 460-104194-20

Matrix: Solid | Lab File ID: x8410.D

Analysis Method: 8270D | Date Collected: 11/06/2015 00:00

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0177(g) | Date Analyzed: 11/11/2015 09:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	170	U	700	170
51-28-5	2,4-Dinitrophenol	260	U	280	260
132-64-9	Dibenzofuran	10	U	350	10
84-66-2	Diethyl phthalate	9.9	U	350	9.9
86-73-7	Fluorene	7.6	U	350	7.6
206-44-0	Fluoranthene	10	U	350	10
84-74-2	Di-n-butyl phthalate	10	U	350	10
121-14-2	2,4-Dinitrotoluene	14	U	70	14
7005-72-3	4-Chlorophenyl phenyl ether	10	U	350	10
100-01-6	4-Nitroaniline	13	U	350	13
534-52-1	4,6-Dinitro-2-methylphenol	92	U	280	92
101-55-3	4-Bromophenyl phenyl ether	11	U	350	11
1912-24-9	Atrazine	15	U	140	15
120-12-7	Anthracene	33	U	350	33
86-74-8	Carbazole	8.6	U	350	8.6
85-01-8	Phenanthrene	9.2	U	350	9.2
87-86-5	Pentachlorophenol	42	U	280	42
129-00-0	Pyrene	16	U	350	16
218-01-9	Chrysene	9.4	U	350	9.4
207-08-9	Benzo[k]fluoranthene	15	U	35	15
191-24-2	Benzo[g,h,i]perylene	20	U	350	20
205-99-2	Benzo[b]fluoranthene	14	U	35	14
50-32-8	Benzo[a]pyrene	10	U	35	10
56-55-3	Benzo[a]anthracene	29	U	35	29
86-30-6	N-Nitrosodiphenylamine	31	U *	350	31
85-68-7	Butyl benzyl phthalate	11	U	350	11
117-81-7	Bis(2-ethylhexyl) phthalate	14	U	350	14
117-84-0	Di-n-octyl phthalate	18	U	350	18
193-39-5	Indeno[1,2,3-cd]pyrene	23	U	35	23
53-70-3	Dibenz(a,h)anthracene	18	U	35	18
91-94-1	3,3'-Dichlorobenzidine	39	U	140	39
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	350	26
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	350	33

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: DUP-2015_11_06_01 | Lab Sample ID: 460-104194-20

Matrix: Solid | Lab File ID: x8410.D

Analysis Method: 8270D | Date Collected: 11/06/2015 00:00

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0177(g) | Date Analyzed: 11/11/2015 09:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	62		28-92
4165-62-2	Phenol-d5	58		22-88
1718-51-0	Terphenyl-d14	86		16-114
118-79-6	2,4,6-Tribromophenol	32		10-95
367-12-4	2-Fluorophenol	53		21-84
321-60-8	2-Fluorobiphenyl	57		27-84

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: DUP-2015_11_06_01 | Lab Sample ID: 460-104194-20

Matrix: Solid | Lab File ID: x8410.D

Analysis Method: 8270D | Date Collected: 11/06/2015 00:00

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0177(g) | Date Analyzed: 11/11/2015 09:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8410.D
Lims ID: 460-104194-F-20-A Lab Sample ID: 460-104194-20
Client ID: DUP-2015_11_06_01
Sample Type: Client
Inject. Date: 11-Nov-2015 09:14:30 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034083-018
Operator ID: Instrument ID: CBNAMS5

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 23:53:27 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: manlangitf Date: 11-Nov-2015 10:32:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.116	3.057	0.059	97	162456	26.6	
$ 6 Phenol-d5	99	3.981	3.993	-0.012	86	201197	29.0	
* 14 1,4-Dichlorobenzene-d4	152	4.340	4.334	0.006	95	180609	40.0	
$ 26 Nitrobenzene-d5	82	4.887	4.898	-0.011	86	181912	31.0	
* 38 Naphthalene-d8	136	5.616	5.616	0.000	99	674953	40.0	
$ 51 2-Fluorobiphenyl	172	6.692	6.698	-0.006	98	388152	28.6	
* 65 Acenaphthene-d10	164	7.363	7.363	0.000	92	337810	40.0	
$ 80 2,4,6-Tribromophenol	330	8.139	8.145	-0.006	93	21350	15.9	
* 88 Phenanthrene-d10	188	8.828	8.828	0.000	98	447146	40.0	
$ 96 Terphenyl-d14	244	10.398	10.404	-0.006	99	251212	42.9	
* 102 Chrysene-d12	240	11.592	11.592	0.000	99	211176	40.0	
* 109 Perylene-d12	264	13.515	13.521	-0.006	97	134378	40.0	

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

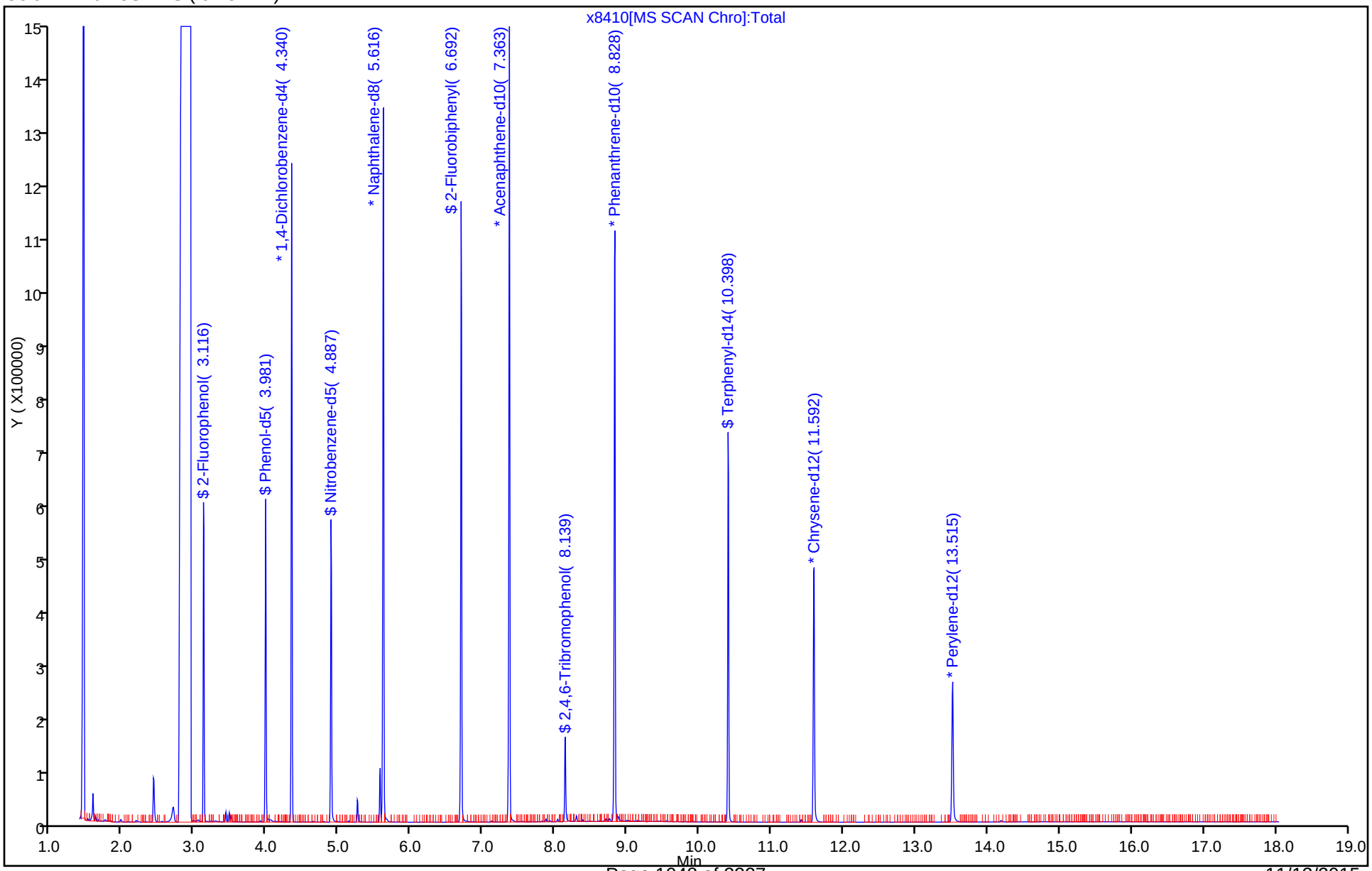
Report Date: 11-Nov-2015 23:53:57 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8410.D

Injection Date:	11-Nov-2015 09:14:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	460-104194-F-20-A	Lab Sample ID:	460-104194-20	Worklist Smp#:	18
Client ID:	DUP-2015_11_06_01				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: FB-20151106 | Lab Sample ID: 460-104194-23

Matrix: Water | Lab File ID: M966525.D

Analysis Method: 8270D | Date Collected: 11/06/2015 13:50

Extract. Method: 3510C | Date Extracted: 11/10/2015 11:08

Sample wt/vol: 250(mL) | Date Analyzed: 11/12/2015 21:02

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334836 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	0.41	U	10	0.41
95-57-8	2-Chlorophenol	0.74	U	10	0.74
95-48-7	2-Methylphenol	1.3	U	10	1.3
106-44-5	4-Methylphenol	0.87	U	10	0.87
100-52-7	Benzaldehyde	0.86	U	10	0.86
98-86-2	Acetophenone	1.0	U	10	1.0
111-44-4	Bis(2-chloroethyl)ether	0.12	U	1.0	0.12
108-60-1	2,2'-oxybis[1-chloropropane]	0.93	U	10	0.93
621-64-7	N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83
98-95-3	Nitrobenzene	0.49	U	1.0	0.49
67-72-1	Hexachloroethane	0.090	U	1.0	0.090
78-59-1	Isophorone	0.67	U	10	0.67
88-75-5	2-Nitrophenol	0.59	U	10	0.59
105-67-9	2,4-Dimethylphenol	0.91	U	10	0.91
120-83-2	2,4-Dichlorophenol	0.63	U	10	0.63
111-91-1	Bis(2-chloroethoxy)methane	0.69	U	10	0.69
91-20-3	Naphthalene	0.80	U	10	0.80
106-47-8	4-Chloroaniline	0.73	U	10	0.73
87-68-3	Hexachlorobutadiene	0.76	U	1.0	0.76
105-60-2	Caprolactam	1.1	U	10	1.1
59-50-7	4-Chloro-3-methylphenol	0.76	U	10	0.76
91-57-6	2-Methylnaphthalene	0.88	U	10	0.88
118-74-1	Hexachlorobenzene	0.47	U	1.0	0.47
77-47-4	Hexachlorocyclopentadiene	0.61	U	10	0.61
88-06-2	2,4,6-Trichlorophenol	0.53	U	10	0.53
95-95-4	2,4,5-Trichlorophenol	0.49	U	10	0.49
92-52-4	Diphenyl	0.63	U	10	0.63
91-58-7	2-Chloronaphthalene	0.61	U	10	0.61
88-74-4	2-Nitroaniline	0.65	U	10	0.65
606-20-2	2,6-Dinitrotoluene	0.88	U	2.0	0.88
131-11-3	Dimethyl phthalate	0.98	U	10	0.98
208-96-8	Acenaphthylene	0.65	U	10	0.65
99-09-2	3-Nitroaniline	0.82	U	10	0.82
83-32-9	Acenaphthene	0.88	U	10	0.88

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: FB-20151106 | Lab Sample ID: 460-104194-23

Matrix: Water | Lab File ID: M966525.D

Analysis Method: 8270D | Date Collected: 11/06/2015 13:50

Extract. Method: 3510C | Date Extracted: 11/10/2015 11:08

Sample wt/vol: 250(mL) | Date Analyzed: 11/12/2015 21:02

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334836 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	4.7	U	20	4.7
51-28-5	2,4-Dinitrophenol	2.4	U	20	2.4
132-64-9	Dibenzofuran	0.85	U	10	0.85
84-66-2	Diethyl phthalate	1.0	U	10	1.0
86-73-7	Fluorene	0.80	U	10	0.80
206-44-0	Fluoranthene	0.72	U	10	0.72
84-74-2	Di-n-butyl phthalate	0.82	U	10	0.82
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
7005-72-3	4-Chlorophenyl phenyl ether	0.96	U	10	0.96
100-01-6	4-Nitroaniline	0.48	U	10	0.48
534-52-1	4,6-Dinitro-2-methylphenol	2.0	U	20	2.0
101-55-3	4-Bromophenyl phenyl ether	1.0	U	10	1.0
1912-24-9	Atrazine	0.77	U	2.0	0.77
120-12-7	Anthracene	0.57	U	10	0.57
86-74-8	Carbazole	0.85	U	10	0.85
85-01-8	Phenanthrene	0.65	U	10	0.65
87-86-5	Pentachlorophenol	2.2	U	20	2.2
129-00-0	Pyrene	0.83	U	10	0.83
218-01-9	Chrysene	0.67	U	2.0	0.67
207-08-9	Benzo[k]fluoranthene	0.18	U	1.0	0.18
191-24-2	Benzo[g,h,i]perylene	0.75	U	10	0.75
205-99-2	Benzo[b]fluoranthene	0.44	U	1.0	0.44
50-32-8	Benzo[a]pyrene	0.16	U	1.0	0.16
56-55-3	Benzo[a]anthracene	0.55	U	1.0	0.55
86-30-6	N-Nitrosodiphenylamine	0.74	U	10	0.74
85-68-7	Butyl benzyl phthalate	0.60	U	10	0.60
117-81-7	Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72
117-84-0	Di-n-octyl phthalate	0.69	U	10	0.69
193-39-5	Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21
53-70-3	Dibenz(a,h)anthracene	0.090	U	1.0	0.090
91-94-1	3,3'-Dichlorobenzidine	1.0	U	10	1.0
95-94-3	1,2,4,5-Tetrachlorobenzene	0.43	U	10	0.43
58-90-2	2,3,4,6-Tetrachlorophenol	0.69	U	10	0.69

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: FB-20151106 | Lab Sample ID: 460-104194-23

Matrix: Water | Lab File ID: M966525.D

Analysis Method: 8270D | Date Collected: 11/06/2015 13:50

Extract. Method: 3510C | Date Extracted: 11/10/2015 11:08

Sample wt/vol: 250(mL) | Date Analyzed: 11/12/2015 21:02

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334836 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	81		62-120
4165-62-2	Phenol-d5	32		10-53
1718-51-0	Terphenyl-d14	88		57-125
118-79-6	2,4,6-Tribromophenol	63		43-126
367-12-4	2-Fluorophenol	43		13-77
321-60-8	2-Fluorobiphenyl	69		63-113

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: FB-20151106 | Lab Sample ID: 460-104194-23

Matrix: Water | Lab File ID: M966525.D

Analysis Method: 8270D | Date Collected: 11/06/2015 13:50

Extract. Method: 3510C | Date Extracted: 11/10/2015 11:08

Sample wt/vol: 250(mL) | Date Analyzed: 11/12/2015 21:02

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334836 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151112-34144.b\M966525.D
Lims ID: 460-104194-E-23-A Lab Sample ID: 460-104194-23
Client ID: FB-20151106
Sample Type: Client
Inject. Date: 12-Nov-2015 21:02:30 ALS Bottle#: 31 Worklist Smp#: 31
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034144-031
Operator ID: Instrument ID: CBNAMS6

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151112-34144.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 22:21:01 Calib Date: 11-Nov-2015 19:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK005

First Level Reviewer: bayoumiw Date: 12-Nov-2015 22:21:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.901	2.887	0.014	88	642964	4.34	
$ 6 Phenol-d5	99	3.832	3.825	0.007	84	605295	3.17	
* 14 1,4-Dichlorobenzene-d4	152	4.129	4.120	0.009	95	761858	8.00	
$ 28 Nitrobenzene-d5	82	4.694	4.698	-0.004	91	1485479	8.11	
* 38 Naphthalene-d8	136	5.414	5.410	0.004	97	2447449	8.00	
$ 52 2-Fluorobiphenyl	172	6.509	6.505	0.004	96	1888553	6.90	
* 64 Acenaphthene-d10	164	7.173	7.164	0.009	91	1393163	8.00	
$ 80 2,4,6-Tribromophenol	330	7.956	7.954	0.002	88	325299	6.35	
* 87 Phenanthrene-d10	188	8.626	8.624	0.002	99	1994608	8.00	
$ 96 Terphenyl-d14	244	10.194	10.194	0.000	97	1647170	8.77	
* 102 Chrysene-d12	240	11.332	11.329	0.003	99	1375574	8.00	
* 109 Perylene-d12	264	13.193	13.193	0.000	99	1244526	8.00	

Reagents:

SM_ISTD_LVI_00095 Amount Added: 20.00 Units: uL Run Reagent

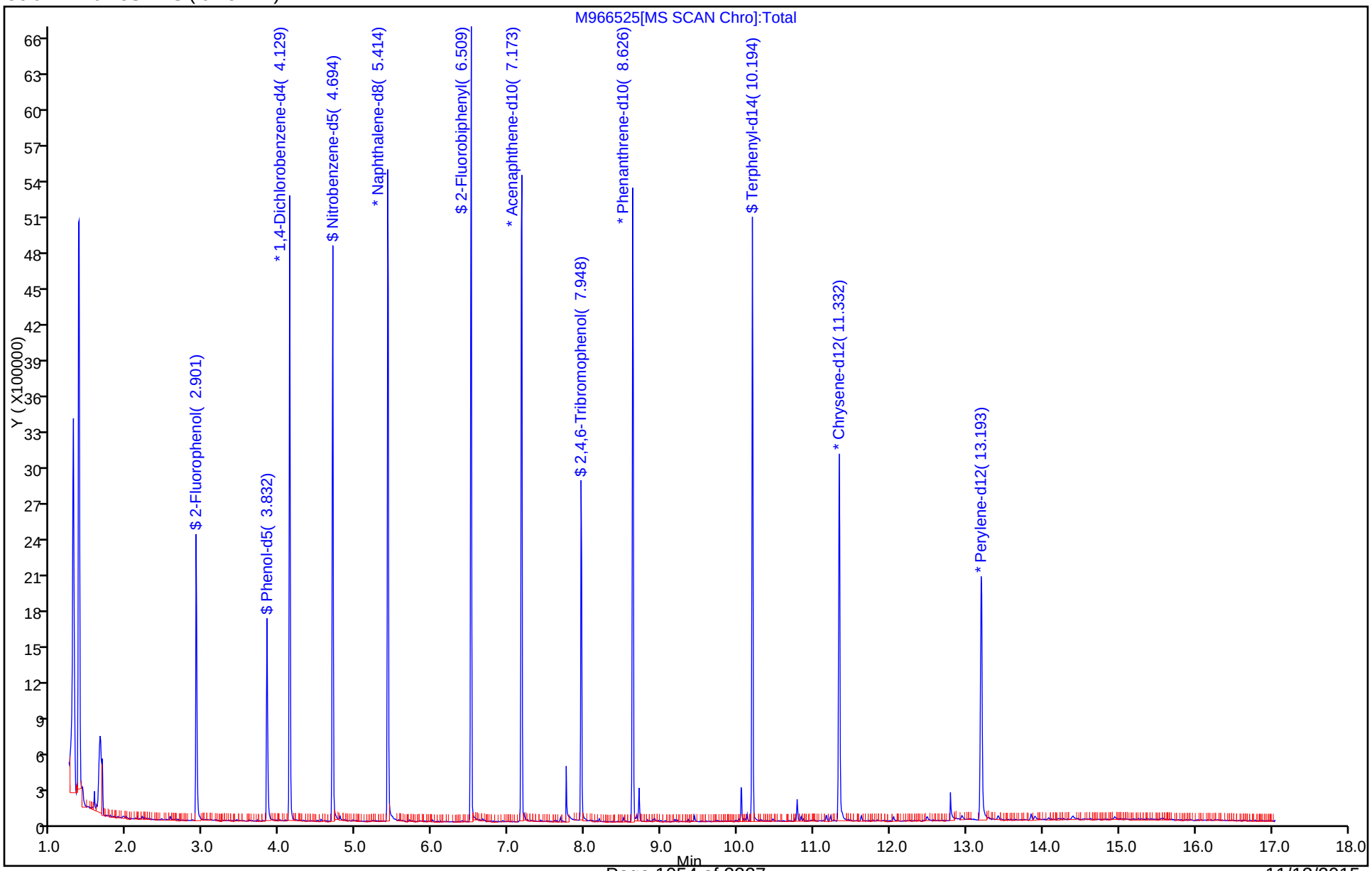
Report Date: 12-Nov-2015 22:21:02 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151112-34144.b\M966525.D

Injection Date:	12-Nov-2015 21:02:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	460-104194-E-23-A	Lab Sample ID:	460-104194-23	Worklist Smp#:	31
Client ID:	FB-20151106				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	31
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 332733

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/02/2015 15:12 Calibration End Date: 11/02/2015 18:27 Calibration ID: 53093

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-332733/10	z38193.D
Level 2	STD1 460-332733/9	z38192.D
Level 3	STD2 460-332733/8	z38191.D
Level 4	STD5 460-332733/7	z38190.D
Level 5	STD10 460-332733/6	z38189.D
Level 6	STD20 460-332733/5	z38188.D
Level 7	ICIS 460-332733/2	z38185.D
Level 8	STD80 460-332733/4	z38187.D
Level 9	STD120 460-332733/3	z38186.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.5901	0.5845	0.5664	0.5712 0.5798	0.6035	Ave		0.5826				2.3		20.0			
N-Nitrosodimethylamine	0.8768	0.8706	0.8689	0.8189 0.8777	0.9126	Ave		0.8709				3.5		20.0			
Pyridine	1.5031	1.4478	1.4728	1.3778 1.5066	1.5756	Ave		1.4806				4.5		20.0			
Phenol	1.7671	1.7667	1.7030	1.6319 1.6793	1.8684	Ave		1.7361			0.8000	4.8		20.0			
Aniline	2.1307	2.0773	2.0245	1.9901 1.9707	2.1953	Ave		2.0648				4.2		20.0			
Bis(2-chloroethyl)ether	1.5290 1.3529	1.3710 1.3278	1.3561 1.3163	1.3085 1.4365	1.4420	Ave		1.3822			0.7000	5.3		20.0			
2-Chlorophenol	1.3974	1.3494	1.3232	1.3220 1.3086	1.4762	Ave		1.3628			0.8000	4.7		20.0			
n-Decane	2.1826	2.0618	1.9101	2.2159 1.8564	2.3573	Ave		2.0974				9.1		20.0			
1,3-Dichlorobenzene	1.6058	1.5460	1.5313	1.5221 1.5393	1.6965	Ave		1.5735				4.3		20.0			
1,4-Dichlorobenzene	1.6181	1.5598	1.5395	1.5691 1.5215	1.7234	Ave		1.5886				4.6		20.0			
Benzyl alcohol	0.8390	0.8112	0.8051	0.7793 0.7893	0.8949	Ave		0.8198				5.1		20.0			
1,2-Dichlorobenzene	1.5329	1.4726	1.4324	1.4969 1.3956	1.5970	Ave		1.4879				4.8		20.0			
2-Methylphenol	1.1859	1.1536	1.1172	1.1691 1.0995	1.2846	Ave		1.1683			0.7000	5.6		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 332733

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/02/2015 15:12 Calibration End Date: 11/02/2015 18:27 Calibration ID: 53093

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2,2'-oxybis[1-chloropropane]	2.6884	2.5349	2.3754	2.6793 2.2876	2.8769	Ave		2.5737			0.0100	8.5		20.0			
N-Nitrosodi-n-propylamine	0.9959 0.9015	1.0123 0.8541	0.9471 0.8312	0.9104 0.8279	0.9952	Ave		0.9195			0.5000	7.9		20.0			
Acetophenone	1.6530	1.5390	1.4966	1.6420 1.5018	1.7899	Ave		1.6037			0.0100	7.1		20.0			
3 & 4 Methylphenol	1.3207	1.2549	1.1178	1.3357 1.2096	1.4318	Ave		1.2784				8.5		20.0			
4-Methylphenol	1.3207	1.2549	1.1178	1.3357 1.2096	1.4318	Ave		1.2784			0.6000	8.5		20.0			
Hexachloroethane	0.6149 0.5672	0.6037 0.5475	0.5715 0.5432	0.5560 0.5387	0.6066	Ave		0.5721			0.3000	5.1		20.0			
Nitrobenzene	0.5278 0.5067	0.5168 0.4868	0.5078 0.4701	0.5111 0.4704	0.5098	Ave		0.5008			0.2000	4.1		20.0			
n,n'-Dimethylaniline	1.9638 1.9523	2.0495 1.9154	1.9593 1.8201	1.9860 1.8238	1.9525	Ave		1.9359				3.8		20.0			
Isophorone	0.6119	0.5858	0.6190 0.5668	0.6012 0.5388	0.6411	Ave		0.5949			0.4000	5.8		20.0			
2-Nitrophenol	0.2010	0.1958	0.1947	0.1933 0.2002	0.2086	Ave		0.1989			0.1000	2.8		20.0			
2,4-Dimethylphenol	0.3147	0.3027	0.2962	0.3099 0.2954	0.3328	Ave		0.3086			0.2000	4.6		20.0			
Bis(2-chloroethoxy)methane	0.3996	0.3860	0.3786	0.3932 0.3829	0.4163	Ave		0.3928			0.3000	3.5		20.0			
Benzoic acid	0.1527	0.1538	0.1548	0.0720 0.1666	0.1360	Lin2	-0.449	0.1686			0.0100				0.9960		0.9900
2,4-Dichlorophenol	0.2972	0.2877	0.2800	0.2859 0.2790	0.3056	Ave		0.2892			0.2000	3.6		20.0			
1,2,4-Trichlorobenzene	0.3300 0.3188	0.3308 0.3105	0.3133 0.3081	0.3064 0.3104	0.3304	Ave		0.3176				3.2		20.0			
Naphthalene	1.0375	0.9895	0.9652	1.0253 0.9632	1.0878	Ave		1.0114			0.7000	4.8		20.0			
4-Chloroaniline	0.4119	0.3881	0.3720	0.4068 0.3715	0.4296	Ave		0.3967			0.0100	5.9		20.0			
Hexachlorobutadiene	0.1834	0.1789 0.1773	0.1743 0.1809	0.1753 0.1813	0.1849	Ave		0.1795			0.0100	2.1		20.0			
4-Chloro-3-methylphenol	0.2543	0.2390	0.2331	0.2531 0.2381	0.2740	Ave		0.2486			0.2000	6.1		20.0			
2-Methylnaphthalene	0.7058	0.6705	0.6433	0.7001 0.6485	0.7450	Ave		0.6855			0.4000	5.7		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 332733

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/02/2015 15:12 Calibration End Date: 11/02/2015 18:27 Calibration ID: 53093

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1-Methylnaphthalene	0.6053	0.5739	0.5541	0.6020 0.5526	0.6357	Ave		0.5873				5.6		20.0			
Hexachlorocyclopentadiene	0.4355	0.4753	0.4844	0.3348 0.4940	0.4166	Ave		0.4401			0.0500	13.6		20.0			
1,2,4,5-Tetrachlorobenzene	0.6951	0.6811	0.6719	0.6490 0.6641	0.6933	Ave		0.6758			0.0100	2.6		20.0			
2-tertbutyl-4-methylphenol	0.4384	0.4308	0.4091	0.4469 0.4226	0.4348	Ave		0.4304				3.1		20.0			
2,4,6-Trichlorophenol	0.4241	0.4263	0.3948 0.4243	0.3979 0.4366	0.4358	Ave		0.4200			0.2000	4.0		20.0			
2,4,5-Trichlorophenol	0.4464	0.4269	0.4315	0.4121 0.4403	0.4570	Ave		0.4357			0.2000	3.6		20.0			
Diphenyl	1.8822	1.8616	1.8209	1.8056 1.7776	1.9459	Ave		1.8490			0.0100	3.3		20.0			
2-Chloronaphthalene	1.4038	1.3576	1.3499	1.3369 1.3398	1.4304	Ave		1.3698			0.8000	2.8		20.0			
Phenyl ether	0.9564	0.9739	0.9538	0.9274 0.9685	0.9303	Ave		0.9517				2.0		20.0			
2-Nitroaniline	0.4892	0.4788	0.4145	0.4792 0.3968	0.5250	Ave		0.4639			0.0100	10.5		20.0			
1,3-Dimethylnaphthalene	1.1845	1.1795	1.1244	1.1754 1.1289	1.1619	Ave		1.1591				2.3		20.0			
Dimethyl phthalate	1.2438	1.2240	1.1835	1.2561 1.2314	1.3164	Ave		1.2425			0.0100	3.5		20.0			
Coumarin	0.1658	0.1611	0.1510	0.1729 0.1627	0.1673	Ave		0.1635				4.5		20.0			
2,6-Dinitrotoluene	0.3010	0.2948 0.2975	0.2948 0.2875	0.2927 0.2964	0.3239	Ave		0.2986			0.2000	3.7		20.0			
Acenaphthylene	2.0994	2.0440	1.9763	2.0183 1.9959	2.1902	Ave		2.0540			0.9000	3.9		20.0			
3-Nitroaniline	0.3148	0.3032	0.3071	0.3082 0.3157	0.3372	Ave		0.3144			0.0100	3.9		20.0			
3,5-di-tert-butyl-4-hydroxytol	1.2595	1.2901	1.2420	1.2142 1.2675	1.2227	Ave		1.2493				2.3		20.0			
Acenaphthene	1.2938	1.2238	1.2091	1.2674 1.2069	1.3552	Ave		1.2594			0.9000	4.6		20.0			
2,4-Dinitrophenol	0.1386	0.1562	0.0265 0.1637	0.0790 +++++	0.1217	Lin2	-0.576	0.1595			0.0100				0.9900		0.9900
4-Nitrophenol	0.2022	0.2003	0.2016	0.1769 0.2130	0.2066	Ave		0.2001			0.0100	6.1		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 332733

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/02/2015 15:12 Calibration End Date: 11/02/2015 18:27 Calibration ID: 53093

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2,4-Dinitrotoluene	0.3409	0.3420 0.3414	0.3293 0.3326	0.3447 0.3460	0.3553	Lin2	-0.004	0.3426			0.2000				0.9990		0.9900
Dibenzofuran	1.7957	1.7286	1.6768	1.7635 1.6931	1.9031	Ave		1.7601			0.8000	4.7		20.0			
2,3,4,6-Tetrachlorophenol	0.3240	0.3166	0.3143	0.3060 0.3248	0.3307	Ave		0.3194			0.0100	2.8		20.0			
Diethyl phthalate	1.0988	1.0873	1.0619	1.1330 1.0676	1.1871	Ave		1.1060			0.0100	4.3		20.0			
4-Chlorophenyl phenyl ether	0.6321	0.6042	0.5862	0.6316 0.5810	0.6687	Ave		0.6173			0.4000	5.4		20.0			
Fluorene	1.3951	1.3326	1.2905	1.3929 1.2938	1.4901	Ave		1.3658			0.9000	5.6		20.0			
4-Nitroaniline	0.2633	0.2644	0.2647	0.2549 0.2426	0.2836	Ave		0.2622			0.0100	5.1		20.0			
4,6-Dinitro-2-methylphenol	0.1249	0.1379	0.0634 0.1433	0.0942 0.1500	0.1196	Lin2	-0.332	0.1402			0.0100				0.9950		0.9900
N-Nitrosodiphenylamine	0.6988	0.6882	0.6727 0.6689	0.6779 0.6710	0.7246	Ave		0.6860			0.0100	2.9		20.0			
1,2-Diphenylhydrazine	0.9587	0.9522	0.9115	0.9033 0.9137	0.9845	Ave		0.9373				3.5		20.0			
4-Bromophenyl phenyl ether	0.2737	0.2698	0.2656	0.2562 0.2718	0.2814	Ave		0.2698			0.1000	3.1		20.0			
Hexachlorobenzene	0.2539 0.2801	0.2651 0.2822	0.2556 0.2812	0.2575 0.2840	0.2837	Ave		0.2715			0.1000	4.8		20.0			
Pentachlorophenol	0.1426	0.1513	0.0675 0.1570	0.1049 0.1597	0.1317	Lin2	-0.369	0.1542			0.0500				0.9970		0.9900
Pentachloronitrobenzene	0.0899	0.0937	0.0915	0.0828 0.0960	0.0864	Ave		0.0901			0.0100	5.4		20.0			
n-Octadecane	1.0731	1.0427	0.9943	0.9683 0.9448	1.0885	Ave		1.0186				5.7		20.0			
Phenanthrene	1.1866	1.1708	1.1477	1.1603 1.1782	1.2237	Ave		1.1779			0.7000	2.2		20.0			
Anthracene	1.1899	1.1779	1.1645	1.1732 1.1727	1.2432	Ave		1.1869			0.7000	2.4		20.0			
Carbazole	0.9312	0.9229	0.9355	0.9039 0.9464	0.9637	Ave		0.9339			0.0100	2.2		20.0			
Di-n-butyl phthalate	1.0866	1.0840	1.1115	1.0249 1.1224	1.1064	Ave		1.0893			0.0100	3.2		20.0			
Fluoranthene	0.9291	0.9345	0.9496	0.8708 0.9505	0.9395	Ave		0.9290			0.6000	3.2		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 332733

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/02/2015 15:12 Calibration End Date: 11/02/2015 18:27 Calibration ID: 53093

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Benzidine	0.4329	0.4268	0.5016	0.3293 0.4944	0.3565	Ave		0.4236				16.6		20.0			
Pyrene	1.6445	1.6737	1.6561	1.8474 1.7497	1.7393	Ave		1.7184			0.6000	4.5		20.0			
Bisphenol-A	0.4879	0.4954	0.5531	0.3947 0.5625	0.4912	Ave		0.4975				12.1		20.0			
Butyl benzyl phthalate	0.6152	0.6203	0.6318	0.5917 0.6422	0.6159	Ave		0.6195			0.0100	2.8		20.0			
2,3,7,8-TCDD		0.1626				Ave		0.1626						20.0			
Carbamazepine	0.3217	0.3628	0.3929	0.1812 0.4124	0.2522	Lin2	-1.161	0.3962			0.0100				0.9950		0.9900
3,3'-Dichlorobenzidine	0.4364	0.4229	0.3041 0.4229	0.3595 0.4443	0.3843	Ave		0.3963			0.0100	12.8		20.0			
Benzo[a]anthracene	1.4413 1.2014	1.3057 1.1834	1.1908 1.1816	1.1590 1.2096	1.2388	Ave		1.2346			0.8000	7.2		20.0			
Bis(2-ethylhexyl) phthalate	0.8552	0.8612	0.8881	0.7810 0.8999	0.8529	Ave		0.8564			0.0100	4.9		20.0			
Chrysene	1.0902	1.0281	1.0442	1.0642 1.0718	1.1284	Ave		1.0711			0.7000	3.3		20.0			
Di-n-octyl phthalate	1.9107	1.8503	1.8873	1.5770 1.8605	1.7907	Ave		1.8127			0.0100	6.8		20.0			
Benzo[b]fluoranthene	1.3249 1.3378	1.2274 1.2520	1.2006 1.3098	1.2023 1.2741	1.3131	Ave		1.2713			0.7000	4.2		20.0			
Benzo[k]fluoranthene	1.3458 1.3325	1.3112 1.3257	1.2602 1.2717	1.2068 1.3460	1.4000	Ave		1.3111			0.7000	4.3		20.0			
Benzo[a]pyrene	1.1615 1.1501	1.1451 1.1371	1.0717 1.1251	1.0574 1.1736	1.1698	Ave		1.1324			0.7000	3.7		20.0			
Indeno[1,2,3-cd]pyrene	0.9091 0.8256	0.7914 0.9008	0.7119 0.9517	0.8236 1.0119	0.8286	Ave		0.8616			0.5000	10.5		20.0			
Dibenz(a,h)anthracene	0.7855 0.8602	0.7558 0.9070	0.7978 0.9368	0.8283 0.9979	0.8620	Ave		0.8590			0.4000	9.1		20.0			
Benzo[g,h,i]perylene	0.8346	0.8752	0.9209	0.8005 0.9787	0.8376	Ave		0.8746			0.5000	7.5		20.0			
2-Fluorophenol	1.3857	1.2267 1.3536	1.1412 1.3685	1.1915 1.3149	1.3975	Ave		1.2975				7.5		20.0			
Phenol-d5	1.7033	1.6126 1.6040	1.5166 1.6238	1.5218 1.5298	1.7423	Ave		1.6068				5.2		20.0			
Nitrobenzene-d5	0.3554 0.3886	0.3677 0.3731	0.3357 0.3773	0.3437 0.3601	0.3971	Ave		0.3665				5.5		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 332733

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/02/2015 15:12 Calibration End Date: 11/02/2015 18:27 Calibration ID: 53093

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2-Fluorobiphenyl	1.6196 1.7523	1.5773 1.7142	1.4874 1.7507	1.5214 1.6830	1.7426	Ave		1.6498				6.2		20.0			
2,4,6-Tribromophenol	 0.1928	0.1661 0.1879	0.1561 0.1920	0.1742 0.1945	0.1985	Ave		0.1828				8.4		20.0			
Terphenyl-d14	1.2888 1.2069	1.2539 1.2369	1.0690 1.2750	1.1972 1.2947	1.2524	Ave		1.2305				5.6		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 332733

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/02/2015 15:12 Calibration End Date: 11/02/2015 18:27 Calibration ID: 53093

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-332733/10	z38193.D
Level 2	STD1 460-332733/9	z38192.D
Level 3	STD2 460-332733/8	z38191.D
Level 4	STD5 460-332733/7	z38190.D
Level 5	STD10 460-332733/6	z38189.D
Level 6	STD20 460-332733/5	z38188.D
Level 7	ICIS 460-332733/2	z38185.D
Level 8	STD80 460-332733/4	z38187.D
Level 9	STD120 460-332733/3	z38186.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCB	Ave	52853	128636	184597	13587 272966	27993	20.0	50.0	80.0	5.00 120	10.0
N-Nitrosodimethylamine	DCB	Ave	78535	191606	283211	19477 413247	42330	20.0	50.0	80.0	5.00 120	10.0
Pyridine	DCB	Ave	134630	318652	480018	32771 709331	73080	20.0	50.0	80.0	5.00 120	10.0
Phenol	DCB	Ave	158277	388831	555044	38815 790632	86664	20.0	50.0	80.0	5.00 120	10.0
Aniline	DCB	Ave	190846	457191	659823	47334 927801	101827	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethyl)ether	DCB	Ave	3924 121174	6842 292231	13004 429009	31122 676309	66885	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Chlorophenol	DCB	Ave	125159	296991	431250	31443 616084	68471	20.0	50.0	80.0	5.00 120	10.0
n-Decane	DCB	Ave	195490	453778	622536	52706 874022	109339	20.0	50.0	80.0	5.00 120	10.0
1,3-Dichlorobenzene	DCB	Ave	143830	340254	499088	36204 724729	78688	20.0	50.0	80.0	5.00 120	10.0
1,4-Dichlorobenzene	DCB	Ave	144928	343290	501770	37321 716349	79935	20.0	50.0	80.0	5.00 120	10.0
Benzyl alcohol	DCB	Ave	75147	178542	262399	18536 371610	41508	20.0	50.0	80.0	5.00 120	10.0
1,2-Dichlorobenzene	DCB	Ave	137297	324102	466871	35603 657058	74076	20.0	50.0	80.0	5.00 120	10.0
2-Methylphenol	DCB	Ave	106223	253898	364135	27807 517667	59583	20.0	50.0	80.0	5.00 120	10.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	240792	557900	774191	63728 1077026	133438	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 332733

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/02/2015 15:12 Calibration End Date: 11/02/2015 18:27 Calibration ID: 53093

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
N-Nitrosodi-n-propylamine	DCB	Ave	2556 80743	5052 187978	9082 270905	21655 389758	46161	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acetophenone	DCB	Ave	148058	338711	487781	39054 707048	83021	20.0	50.0	80.0	5.00 120	10.0
3 & 4 Methylphenol	DCB	Ave	118288	276196	364316	31769 569495	66410	20.0	50.0	80.0	5.00 120	10.0
4-Methylphenol	DCB	Ave	118288	276196	364316	31769 569495	66410	20.0	50.0	80.0	5.00 120	10.0
Hexachloroethane	DCB	Ave	1578 50803	3013 120496	5480 177041	13224 253646	28134	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene	NPT	Ave	4941 160718	9486 373237	17661 531788	43325 757599	86556	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
n,n'-Dimethylaniline	DCB	Ave	5040 174866	10228 421565	18789 593210	47238 858675	90564	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Isophorone	NPT	Ave	194067	449165	21529 641240	50964 867711	108843	20.0	50.0	2.00 80.0	5.00 120	10.0
2-Nitrophenol	NPT	Ave	63743	150139	220308	16385 322430	35416	20.0	50.0	80.0	5.00 120	10.0
2,4-Dimethylphenol	NPT	Ave	99812	232091	335094	26271 475713	56499	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethoxy)methane	NPT	Ave	126746	295917	428277	33334 616724	70670	20.0	50.0	80.0	5.00 120	10.0
Benzoic acid	NPT	Lin2	48447	117898	175158	6101 268350	23085	20.0	50.0	80.0	5.00 120	10.0
2,4-Dichlorophenol	NPT	Ave	94256	220571	316752	24233 449311	51879	20.0	50.0	80.0	5.00 120	10.0
1,2,4-Trichlorobenzene	NPT	Ave	3089 101104	6071 238078	10897 348540	25976 499830	56094	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Naphthalene	NPT	Ave	329072	758698	1092000	86920 1551214	184684	20.0	50.0	80.0	5.00 120	10.0
4-Chloroaniline	NPT	Ave	130649	297545	420900	34483 598298	72934	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobutadiene	NPT	Ave	58179	3284 135935	6062 204646	14861 292024	31390	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
4-Chloro-3-methylphenol	NPT	Ave	80646	183272	263725	21453 383522	46521	20.0	50.0	80.0	5.00 120	10.0
2-Methylnaphthalene	NPT	Ave	223863	514122	727743	59352 1044445	126473	20.0	50.0	80.0	5.00 120	10.0
1-Methylnaphthalene	NPT	Ave	191992	440023	626883	51037 890017	107932	20.0	50.0	80.0	5.00 120	10.0
Hexachlorocyclopentadiene	ANT	Ave	57017	143995	211450	12299 310691	29919	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 332733

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/02/2015 15:12 Calibration End Date: 11/02/2015 18:27 Calibration ID: 53093

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,2,4,5-Tetrachlorobenzene	ANT	Ave	90999	206334	293269	23843 417660	49796	20.0	50.0	80.0	5.00 120	10.0
2-tertbutyl-4-methylphenol	NPT	Ave	139031	330324	462780	37883 680646	73819	20.0	50.0	80.0	5.00 120	10.0
2,4,6-Trichlorophenol	ANT	Ave	55519	129146	5837 185183	14619 274564	31298	20.0	50.0	2.00 80.0	5.00 120	10.0
2,4,5-Trichlorophenol	ANT	Ave	58439	129335	188344	15139 276910	32820	20.0	50.0	80.0	5.00 120	10.0
Diphenyl	ANT	Ave	246393	563952	794790	66338 1117894	139755	20.0	50.0	80.0	5.00 120	10.0
2-Chloronaphthalene	ANT	Ave	183774	411272	589238	49118 842576	102735	20.0	50.0	80.0	5.00 120	10.0
Phenyl ether	ANT	Ave	125199	295020	416321	34074 609084	66813	20.0	50.0	80.0	5.00 120	10.0
2-Nitroaniline	ANT	Ave	64046	145037	180906	17606 249562	37708	20.0	50.0	80.0	5.00 120	10.0
1,3-Dimethylnaphthalene	ANT	Ave	155069	357303	490774	43184 709945	83453	20.0	50.0	80.0	5.00 120	10.0
Dimethyl phthalate	ANT	Ave	162828	370802	516579	46150 774398	94544	20.0	50.0	80.0	5.00 120	10.0
Coumarin	NPT	Ave	52592	123498	170801	14660 262003	28395	20.0	50.0	80.0	5.00 120	10.0
2,6-Dinitrotoluene	ANT	Ave	39410	2411 90136	4359 125499	10753 186367	23264	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acenaphthylene	ANT	Ave	274830	619185	862623	74153 1255183	157303	20.0	50.0	80.0	5.00 120	10.0
3-Nitroaniline	ANT	Ave	41204	91841	134055	11322 198560	24218	20.0	50.0	80.0	5.00 120	10.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	164882	390815	542136	44609 797093	87814	20.0	50.0	80.0	5.00 120	10.0
Acenaphthene	ANT	Ave	169371	370735	527743	46564 758997	97333	20.0	50.0	80.0	5.00 120	10.0
2,4-Dinitrophenol	ANT	Lin2	36279	94618	784 142942	5804 +++++	17483	40.0	100	4.00 160	10.0 +++++	20.0
4-Nitrophenol	ANT	Ave	52950	121353	175975	12996 267958	29677	40.0	100	160	10.0 240	20.0
2,4-Dinitrotoluene	ANT	Lin2	44632	2797 103422	4869 145182	12665 217600	25520	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenzofuran	ANT	Ave	235070	523640	731910	64791 1064757	136684	20.0	50.0	80.0	5.00 120	10.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	42415	95923	137169	11244 204233	23754	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 332733

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/02/2015 15:12 Calibration End Date: 11/02/2015 18:27 Calibration ID: 53093

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Diethyl phthalate	ANT	Ave	143840	329377	463510	41628 671386	85262	20.0	50.0	80.0	5.00 120	10.0
4-Chlorophenyl phenyl ether	ANT	Ave	82743	183039	255871	23206 365359	48026	20.0	50.0	80.0	5.00 120	10.0
Fluorene	ANT	Ave	182638	403683	563282	51175 813622	107022	20.0	50.0	80.0	5.00 120	10.0
4-Nitroaniline	ANT	Ave	34473	80089	115539	9364 152543	20367	20.0	50.0	80.0	5.00 120	10.0
4,6-Dinitro-2-methylphenol	PHN	Lin2	43100	107961	2638 161754	9656 248599	23486	40.0	100	4.00 160	10.0 240	20.0
N-Nitrosodiphenylamine	PHN	Ave	241095	538956	28001 754949	69453 1111814	142303	40.0	100	4.00 160	10.0 240	20.0
1,2-Diphenylhydrazine	PHN	Ave	165381	372826	514388	46272 756952	96673	20.0	50.0	80.0	5.00 120	10.0
4-Bromophenyl phenyl ether	PHN	Ave	47210	105643	149863	13125 225181	27635	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobenzene	PHN	Ave	1541 48315	3220 110500	5319 158684	13192 235243	27853	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Pentachlorophenol	PHN	Lin2	49209	118453	2810 177184	10744 264643	25854	40.0	100	4.00 160	10.0 240	20.0
Pentachloronitrobenzene	PHN	Ave	15508	36685	51641	4244 79563	8484	20.0	50.0	80.0	5.00 120	10.0
n-Octadecane	PHN	Ave	185111	408271	561120	49603 782738	106877	20.0	50.0	80.0	5.00 120	10.0
Phenanthrene	PHN	Ave	204678	458447	647640	59437 976099	120156	20.0	50.0	80.0	5.00 120	10.0
Anthracene	PHN	Ave	205252	461229	657139	60098 971542	122068	20.0	50.0	80.0	5.00 120	10.0
Carbazole	PHN	Ave	160631	361375	527933	46302 784055	94630	20.0	50.0	80.0	5.00 120	10.0
Di-n-butyl phthalate	PHN	Ave	187429	424453	627216	52501 929827	108643	20.0	50.0	80.0	5.00 120	10.0
Fluoranthene	PHN	Ave	160275	365897	535855	44606 787460	92254	20.0	50.0	80.0	5.00 120	10.0
Benzidine	PHN	Ave	74673	167109	283084	16869 409564	35006	20.0	50.0	80.0	5.00 120	10.0
Pyrene	CRY	Ave	160339	359253	536330	44955 776021	92683	20.0	50.0	80.0	5.00 120	10.0
Bisphenol-A	CRY	Ave	47567	106337	179134	9605 249458	26173	20.0	50.0	80.0	5.00 120	10.0
Butyl benzyl phthalate	CRY	Ave	59983	133146	204622	14399 284817	32820	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 332733

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/02/2015 15:12 Calibration End Date: 11/02/2015 18:27 Calibration ID: 53093

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,3,7,8-TCDD	CRY	Ave		349					0.500			
Carbamazepine	CRY	Lin2	31366	77872	127260	4409 182888	13438	20.0	50.0	80.0	5.00 120	10.0
3,3'-Dichlorobenzidine	CRY	Ave	42553	90780	3101 136960	8747 197052	20478	20.0	50.0	2.00 80.0	5.00 120	10.0
Benzo[a]anthracene	CRY	Ave	4054 117139	8040 254002	12145 382679	28204 536495	66013	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	83389	184852	287623	19004 399138	45450	20.0	50.0	80.0	5.00 120	10.0
Chrysene	CRY	Ave	106296	220667	338176	25897 475367	60127	20.0	50.0	80.0	5.00 120	10.0
Di-n-octyl phthalate	PRY	Ave	121286	261991	407961	25944 562563	65311	20.0	50.0	80.0	5.00 120	10.0
Benzo[b]fluoranthene	PRY	Ave	2530 84921	5025 177271	8864 283125	19780 385246	47894	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[k]fluoranthene	PRY	Ave	2570 84582	5368 187714	9304 274900	19854 406983	51061	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[a]pyrene	PRY	Ave	2218 73007	4688 160998	7912 243209	17396 354860	42665	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	1736 52408	3240 127545	5256 205727	13549 305955	30222	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenz(a,h)anthracene	PRY	Ave	1500 54606	3094 128421	5890 202499	13626 301736	31441	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[g,h,i]perylene	PRY	Ave	52980	123921	199062	13170 295922	30549	20.0	50.0	80.0	5.00 120	10.0
2-Fluorophenol	DCB	Ave	124115	6122 297910	10944 446046	28341 619068	64819	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Phenol-d5	DCB	Ave	152561	8048 353023	14544 529230	36197 720234	80813	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene-d5	NPT	Ave	3327 123243	6748 286083	11675 426854	29139 579956	67422	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Fluorobiphenyl	ANT	Ave	6665 229400	12899 519291	21993 764187	55898 1058365	125159	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2,4,6-Tribromophenol	ANT	Ave	25236	1358 56927	2308 83812	6399 122321	14257	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Terphenyl-d14	CRY	Ave	3625 117680	7721 265500	10902 412928	29132 574236	66737	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38185.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 02-Nov-2015 15:12:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-002
Misc. Info.: ICIS
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:23:37 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

First Level Reviewer: zhaoc Date: 02-Nov-2015 15:57:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.712	1.712	0.000	90	128636	50.0	50.2	
2 N-Nitrosodimethylamine	74	1.948	1.948	0.000	81	191606	50.0	50.0	
3 Pyridine	79	1.977	1.977	0.000	77	318652	50.0	48.9	
$ 4 2-Fluorophenol	112	3.089	3.089	0.000	90	297910	50.0	52.2	
$ 6 Phenol-d5	99	4.024	4.024	0.000	95	353023	50.0	49.9	
7 Phenol	94	4.036	4.036	0.000	98	388831	50.0	50.9	
8 Aniline	93	4.048	4.048	0.000	99	457191	50.0	50.3	
9 Bis(2-chloroethyl)ether	93	4.112	4.112	0.000	91	292231	50.0	48.0	
10 Benzonitrile	103	4.142	4.142	0.000	0	546943	NC	NC	
11 2-Chlorophenol	128	4.171	4.171	0.000	92	296991	50.0	49.5	
12 n-Decane	43	4.218	4.218	0.000	89	453778	50.0	49.2	
13 1,3-Dichlorobenzene	146	4.324	4.324	0.000	96	340254	50.0	49.1	
* 14 1,4-Dichlorobenzene-d4	152	4.377	4.377	0.000	95	176071	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.395	4.395	0.000	95	343290	50.0	49.1	
16 Benzyl alcohol	108	4.524	4.524	0.000	93	178542	50.0	49.5	
17 1,2-Dichlorobenzene	146	4.547	4.547	0.000	97	324102	50.0	49.5	
18 2-Methylphenol	108	4.636	4.636	0.000	91	253898	50.0	49.4	
19 2,2'-oxybis[1-chloropropan	45	4.653	4.653	0.000	94	557900	50.0	49.2	
20 N-Methylaniline	106	4.777	4.777	0.000	0	417460	NC	NC	
22 Acetophenone	105	4.789	4.789	0.000	93	338711	50.0	48.0	
21 N-Nitrosodi-n-propylamine	70	4.795	4.795	0.000	92	187978	50.0	46.4	
23 3 & 4 Methylphenol	108	4.800	4.800	0.000	96	276196	50.0	49.1	
24 4-Methylphenol	108	4.800	4.800	0.000	93	276196	50.0	49.1	
25 Hexachloroethane	117	4.889	4.889	0.000	97	120496	50.0	47.8	
$ 26 Nitrobenzene-d5	82	4.942	4.942	0.000	92	286083	50.0	50.9	
27 Nitrobenzene	77	4.965	4.965	0.000	91	373237	50.0	48.6	
28 n,n'-Dimethylaniline	120	4.965	4.965	0.000	89	421565	50.0	49.5	
31 Isophorone	82	5.206	5.206	0.000	98	449165	50.0	49.2	
32 2-Nitrophenol	139	5.277	5.277	0.000	90	150139	50.0	49.2	
33 2,4-Dimethylphenol	122	5.330	5.330	0.000	92	232091	50.0	49.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.418	5.418	0.000	95	295917	50.0	49.1	
35 Benzoic acid	122	5.483	5.483	0.000	91	117898	50.0	48.3	
36 2,4-Dichlorophenol	162	5.524	5.524	0.000	95	220571	50.0	49.7	
37 1,2,4-Trichlorobenzene	180	5.606	5.606	0.000	94	238078	50.0	48.9	
* 38 Naphthalene-d8	136	5.659	5.659	0.000	99	613378	40.0	40.0	
39 Naphthalene	128	5.683	5.683	0.000	99	758698	50.0	48.9	
40 4-Chloroaniline	127	5.742	5.742	0.000	95	297545	50.0	48.9	
41 Hexachlorobutadiene	225	5.812	5.812	0.000	96	135935	50.0	49.4	
43 4-Chloro-3-methylphenol	107	6.230	6.230	0.000	97	183272	50.0	48.1	
44 2-Methylnaphthalene	142	6.377	6.377	0.000	87	514122	50.0	48.9	
45 1-Methylnaphthalene	142	6.477	6.477	0.000	93	440023	50.0	48.9	
46 Hexachlorocyclopentadiene	237	6.547	6.547	0.000	89	143995	50.0	54.0	
47 1,2,4,5-Tetrachlorobenzene	216	6.553	6.553	0.000	97	206334	50.0	50.4	
48 2-tertbutyl-4-methylphenol	149	6.583	6.583	0.000	93	330324	50.0	50.0	
49 2,4,6-Trichlorophenol	196	6.665	6.665	0.000	89	129146	50.0	50.8	
50 2,4,5-Trichlorophenol	196	6.700	6.700	0.000	95	129335	50.0	49.0	
$ 51 2-Fluorobiphenyl	172	6.747	6.747	0.000	98	519291	50.0	52.0	
52 1,1'-Biphenyl	154	6.847	6.847	0.000	95	563952	50.0	50.3	
53 2-Chloronaphthalene	162	6.865	6.865	0.000	97	411272	50.0	49.6	
54 Phenyl ether	170	6.947	6.947	0.000	88	295020	50.0	51.2	
55 2-Nitroaniline	65	6.971	6.971	0.000	98	145037	50.0	51.6	
57 1,3-Dimethylnaphthalene	156	7.083	7.083	0.000	93	357303	50.0	50.9	
58 Dimethyl phthalate	163	7.159	7.159	0.000	98	370802	50.0	49.3	
59 Coumarin	146	7.177	7.177	0.000	82	123498	50.0	49.3	
60 2,6-Dinitrotoluene	165	7.212	7.212	0.000	32	90136	50.0	49.8	
63 Acenaphthylene	152	7.277	7.277	0.000	98	619185	50.0	49.8	
64 3-Nitroaniline	138	7.383	7.383	0.000	92	91841	50.0	48.2	
* 65 Acenaphthene-d10	164	7.418	7.418	0.000	97	242347	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.447	7.447	0.000	94	390815	50.0	51.6	
67 Acenaphthene	154	7.453	7.453	0.000	93	370735	50.0	48.6	
68 2,4-Dinitrophenol	184	7.488	7.488	0.000	45	94618	100.0	101.6	
69 4-Nitrophenol	65	7.559	7.559	0.000	92	121353	100.0	100.1	
70 2,4-Dinitrotoluene	165	7.612	7.612	0.000	93	103422	50.0	49.8	
71 Dibenzofuran	168	7.624	7.624	0.000	93	523640	50.0	49.1	
72 2,3,4,6-Tetrachlorophenol	232	7.747	7.747	0.000	93	95923	50.0	49.6	
73 Diethyl phthalate	149	7.853	7.853	0.000	98	329377	50.0	49.2	
75 4-Chlorophenyl phenyl ethe	204	7.959	7.959	0.000	87	183039	50.0	48.9	
74 Fluorene	166	7.965	7.965	0.000	97	403683	50.0	48.8	
76 4-Nitroaniline	138	7.994	7.994	0.000	93	80089	50.0	50.4	
77 4,6-Dinitro-2-methylphenol	198	8.024	8.024	0.000	84	107961	100.0	100.7	
78 N-Nitrosodiphenylamine	169	8.083	8.083	0.000	67	538956	100.0	100.3	
79 1,2-Diphenylhydrazine	77	8.118	8.118	0.000	98	372826	50.0	50.8	
$ 80 2,4,6-Tribromophenol	330	8.206	8.206	0.000	93	56927	50.0	51.4	
81 4-Bromophenyl phenyl ether	248	8.441	8.441	0.000	91	105643	50.0	50.0	
82 Hexachlorobenzene	284	8.518	8.518	0.000	96	110500	50.0	52.0	
84 Pentachlorophenol	266	8.712	8.712	0.000	95	118453	100.0	100.5	
85 Pentachloronitrobenzene	237	8.724	8.724	0.000	90	36685	50.0	52.0	
86 n-Octadecane	57	8.788	8.788	0.000	88	408271	50.0	51.2	
* 87 Phenanthrene-d10	188	8.888	8.888	0.000	99	313247	40.0	40.0	
88 Phenanthrene	178	8.918	8.918	0.000	97	458447	50.0	49.7	
89 Anthracene	178	8.965	8.965	0.000	98	461229	50.0	49.6	
90 Carbazole	167	9.124	9.124	0.000	96	361375	50.0	49.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
91 Di-n-butyl phthalate	149	9.465	9.465	0.000	100	424453	50.0	49.8	
92 Fluoranthene	202	10.088	10.088	0.000	98	365897	50.0	50.3	
93 Benzidine	184	10.218	10.218	0.000	100	167109	50.0	50.4	
94 Pyrene	202	10.318	10.318	0.000	97	359253	50.0	48.7	
95 Bisphenol-A	213	10.365	10.365	0.000	99	106337	50.0	49.8	
$ 96 Terphenyl-d14	244	10.477	10.477	0.000	99	265500	50.0	50.3	
97 Butyl benzyl phthalate	149	11.012	11.012	0.000	97	133146	50.0	50.1	
98 2,3,7,8-TCDD	320	11.124	11.124	0.000	1	349	0.5000	0.5000	
99 Carbamazepine	193	11.141	11.141	0.000	95	77872	50.0	48.7	
100 3,3'-Dichlorobenzidine	252	11.647	11.647	0.000	99	90780	50.0	53.4	
101 Benzo[a]anthracene	228	11.676	11.676	0.000	99	254002	50.0	47.9	
* 102 Chrysene-d12	240	11.694	11.694	0.000	99	171715	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.718	11.718	0.000	91	184852	50.0	50.3	
103 Chrysene	228	11.723	11.723	0.000	99	220667	50.0	48.0	
105 Di-n-octyl phthalate	149	12.588	12.588	0.000	98	261991	50.0	51.0	
106 Benzo[b]fluoranthene	252	13.106	13.106	0.000	99	177271	50.0	49.2	
107 Benzo[k]fluoranthene	252	13.147	13.147	0.000	99	187714	50.0	50.6	
108 Benzo[a]pyrene	252	13.559	13.559	0.000	97	160998	50.0	50.2	
* 109 Perylene-d12	264	13.635	13.635	0.000	98	113274	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.194	15.194	0.000	99	127545	50.0	52.3	
111 Dibenz(a,h)anthracene	278	15.229	15.229	0.000	96	128421	50.0	52.8	
112 Benzo[g,h,i]perylene	276	15.629	15.629	0.000	97	123921	50.0	50.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_IC_BNA_L6_00016 Amount Added: 1.00 Units: mL

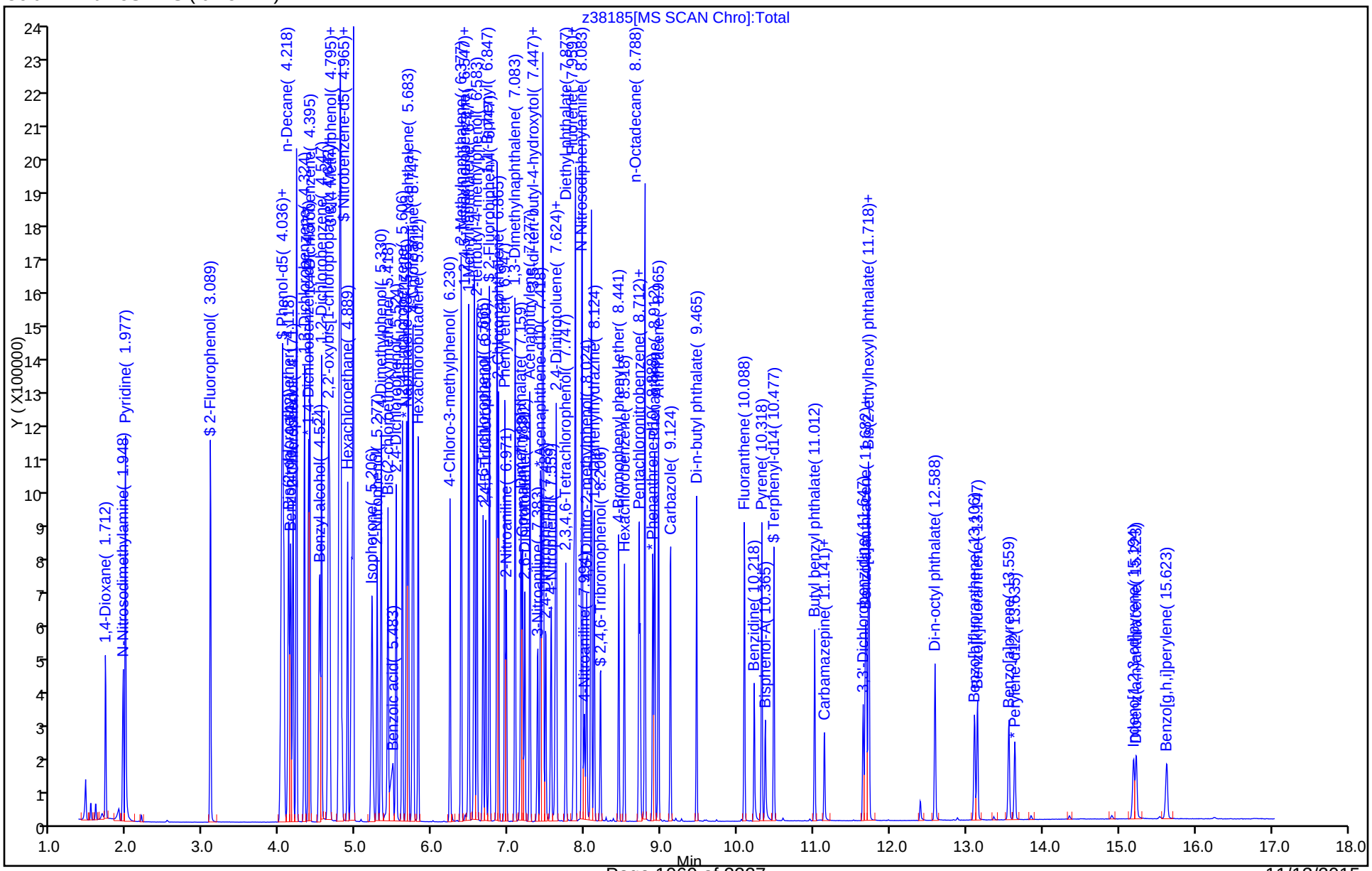
Report Date: 03-Nov-2015 00:23:39 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38185.D

Injection Date:	02-Nov-2015 15:12:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	ICIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38186.D
Lims ID: STD120
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 02-Nov-2015 15:43:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-003
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:23:41 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

First Level Reviewer: zhaoc Date: 02-Nov-2015 16:35:27

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.707	1.712	-0.006	90	272966	120.0	119.4	
2 N-Nitrosodimethylamine	74	1.954	1.948	0.006	81	413247	120.0	120.9	
3 Pyridine	79	1.971	1.977	-0.006	77	709331	120.0	122.1	
$ 4 2-Fluorophenol	112	3.095	3.089	0.006	90	619068	120.0	121.6	
$ 6 Phenol-d5	99	4.048	4.024	0.024	87	720234	120.0	114.2	
7 Phenol	94	4.065	4.036	0.029	97	790632	120.0	116.1	
8 Aniline	93	4.071	4.048	0.023	97	927801	120.0	114.5	
9 Bis(2-chloroethyl)ether	93	4.130	4.112	0.018	88	676309	120.0	124.7	
10 Benzonitrile	103	4.165	4.142	0.023	0	1154399	NC	NC	
11 2-Chlorophenol	128	4.189	4.171	0.018	93	616084	120.0	115.2	
12 n-Decane	43	4.230	4.218	0.012	89	874022	120.0	106.2	
13 1,3-Dichlorobenzene	146	4.330	4.324	0.006	96	724729	120.0	117.4	
* 14 1,4-Dichlorobenzene-d4	152	4.383	4.377	0.006	96	156935	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.400	4.395	0.005	95	716349	120.0	114.9	
16 Benzyl alcohol	108	4.548	4.524	0.024	94	371610	120.0	115.5	
17 1,2-Dichlorobenzene	146	4.553	4.547	0.006	97	657058	120.0	112.6	
18 2-Methylphenol	108	4.653	4.636	0.017	90	517667	120.0	112.9	
19 2,2'-oxybis[1-chloropropan	45	4.665	4.653	0.012	94	1077026	120.0	106.7	
20 N-Methylaniline	106	4.789	4.777	0.012	0	878015	NC	NC	
22 Acetophenone	105	4.806	4.789	0.017	97	707048	120.0	112.4	
21 N-Nitrosodi-n-propylamine	70	4.847	4.795	0.052	92	389758	120.0	108.0	
23 3 & 4 Methylphenol	108	4.824	4.800	0.024	96	569495	120.0	113.5	
24 4-Methylphenol	108	4.824	4.800	0.024	93	569495	120.0	113.5	
25 Hexachloroethane	117	4.895	4.889	0.006	97	253646	120.0	113.0	
$ 26 Nitrobenzene-d5	82	4.959	4.942	0.017	94	579956	120.0	117.9	
27 Nitrobenzene	77	4.983	4.965	0.018	82	757599	120.0	112.7	
28 n,n'-Dimethylaniline	120	4.983	4.965	0.018	92	858675	120.0	113.1	
31 Isophorone	82	5.236	5.206	0.030	98	867711	120.0	108.7	
32 2-Nitrophenol	139	5.289	5.277	0.012	92	322430	120.0	120.8	
33 2,4-Dimethylphenol	122	5.347	5.330	0.017	92	475713	120.0	114.9	
34 Bis(2-chloroethoxy)methane	93	5.430	5.418	0.012	95	616724	120.0	117.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.536	5.483	0.053	90	268350	120.0	121.3	
36 2,4-Dichlorophenol	162	5.542	5.524	0.018	95	449311	120.0	115.8	
37 1,2,4-Trichlorobenzene	180	5.612	5.606	0.006	95	499830	120.0	117.3	
* 38 Naphthalene-d8	136	5.671	5.659	0.012	98	536819	40.0	40.0	
39 Naphthalene	128	5.694	5.683	0.011	99	1551214	120.0	114.3	
40 4-Chloroaniline	127	5.759	5.742	0.017	96	598298	120.0	112.4	
41 Hexachlorobutadiene	225	5.824	5.812	0.012	98	292024	120.0	121.2	
43 4-Chloro-3-methylphenol	107	6.242	6.230	0.012	97	383522	120.0	115.0	
44 2-Methylnaphthalene	142	6.389	6.377	0.012	86	1044445	120.0	113.5	
45 1-Methylnaphthalene	142	6.489	6.477	0.012	93	890017	120.0	112.9	
46 Hexachlorocyclopentadiene	237	6.553	6.547	0.006	98	310691	120.0	134.7	
47 1,2,4,5-Tetrachlorobenzene	216	6.565	6.553	0.012	98	417660	120.0	117.9	
48 2-tertbutyl-4-methylphenol	149	6.594	6.583	0.011	93	680646	120.0	117.8	
49 2,4,6-Trichlorophenol	196	6.677	6.665	0.012	90	274564	120.0	124.8	
50 2,4,5-Trichlorophenol	196	6.712	6.700	0.012	98	276910	120.0	121.3	
$ 51 2-Fluorobiphenyl	172	6.759	6.747	0.012	98	1058365	120.0	122.4	
52 1,1'-Biphenyl	154	6.859	6.847	0.012	95	1117894	120.0	115.4	
53 2-Chloronaphthalene	162	6.877	6.865	0.012	98	842576	120.0	117.4	
54 Phenyl ether	170	6.959	6.947	0.012	86	609084	120.0	122.1	
55 2-Nitroaniline	65	6.983	6.971	0.012	96	249562	120.0	102.6	
57 1,3-Dimethylnaphthalene	156	7.094	7.083	0.011	92	709945	120.0	116.9	
58 Dimethyl phthalate	163	7.183	7.159	0.024	99	774398	120.0	118.9	
59 Coumarin	146	7.200	7.177	0.023	85	262003	120.0	119.4	
60 2,6-Dinitrotoluene	165	7.230	7.212	0.018	94	186367	120.0	119.1	
63 Acenaphthylene	152	7.289	7.277	0.011	98	1255183	120.0	116.6	
64 3-Nitroaniline	138	7.400	7.383	0.017	93	198560	120.0	120.5	
* 65 Acenaphthene-d10	164	7.430	7.418	0.012	96	209622	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.453	7.447	0.006	98	797093	120.0	121.7	
67 Acenaphthene	154	7.465	7.453	0.012	94	758997	120.0	115.0	
68 2,4-Dinitrophenol	184	7.506	7.488	0.018	95	218853	240.0	273.6	
69 4-Nitrophenol	65	7.577	7.559	0.018	92	267958	240.0	255.5	
70 2,4-Dinitrotoluene	165	7.630	7.612	0.018	96	217600	120.0	121.2	
71 Dibenzofuran	168	7.636	7.624	0.012	96	1064757	120.0	115.4	
72 2,3,4,6-Tetrachlorophenol	232	7.759	7.747	0.012	95	204233	120.0	122.0	
73 Diethyl phthalate	149	7.871	7.853	0.018	99	671386	120.0	115.8	
75 4-Chlorophenyl phenyl ethe	204	7.971	7.959	0.012	90	365359	120.0	112.9	
74 Fluorene	166	7.977	7.965	0.012	97	813622	120.0	113.7	
76 4-Nitroaniline	138	8.024	7.994	0.030	95	152543	120.0	111.0	
77 4,6-Dinitro-2-methylphenol	198	8.047	8.024	0.023	87	248599	240.0	259.2	
78 N-Nitrosodiphenylamine	169	8.100	8.083	0.017	65	1111814	240.0	234.7	
79 1,2-Diphenylhydrazine	77	8.136	8.118	0.018	98	756952	120.0	117.0	
$ 80 2,4,6-Tribromophenol	330	8.218	8.206	0.012	94	122321	120.0	127.7	
81 4-Bromophenyl phenyl ether	248	8.453	8.441	0.012	92	225181	120.0	120.9	
82 Hexachlorobenzene	284	8.530	8.518	0.012	96	235243	120.0	125.5	
84 Pentachlorophenol	266	8.718	8.712	0.006	95	264643	240.0	251.0	
85 Pentachloronitrobenzene	237	8.735	8.724	0.011	90	79563	120.0	128.0	
86 n-Octadecane	57	8.794	8.788	0.006	89	782738	120.0	111.3	
* 87 Phenanthrene-d10	188	8.894	8.888	0.006	99	276149	40.0	40.0	
88 Phenanthrene	178	8.924	8.918	0.006	98	976099	120.0	120.0	
89 Anthracene	178	8.977	8.965	0.012	98	971542	120.0	118.6	
90 Carbazole	167	9.130	9.124	0.006	96	784055	120.0	121.6	
91 Di-n-butyl phthalate	149	9.471	9.465	0.006	100	929827	120.0	123.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.100	10.088	0.012	98	787460	120.0	122.8	
93 Benzidine	184	10.229	10.218	0.011	100	409564	120.0	140.1	
94 Pyrene	202	10.329	10.318	0.011	97	776021	120.0	122.2	
95 Bisphenol-A	213	10.371	10.365	0.006	99	249458	120.0	135.7	
$ 96 Terphenyl-d14	244	10.482	10.477	0.006	99	574236	120.0	126.3	
97 Butyl benzyl phthalate	149	11.018	11.012	0.006	97	284817	120.0	124.4	
99 Carbamazepine	193	11.153	11.141	0.012	92	182888	120.0	127.8	
100 3,3'-Dichlorobenzidine	252	11.659	11.647	0.012	99	197052	120.0	134.5	
101 Benzo[a]anthracene	228	11.688	11.676	0.012	98	536495	120.0	117.6	
* 102 Chrysene-d12	240	11.700	11.694	0.006	99	147840	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.724	11.718	0.006	92	399138	120.0	126.1	
103 Chrysene	228	11.735	11.723	0.012	99	475367	120.0	120.1	
105 Di-n-octyl phthalate	149	12.600	12.588	0.012	98	562563	120.0	123.2	
106 Benzo[b]fluoranthene	252	13.123	13.106	0.017	99	385246	120.0	120.3	
107 Benzo[k]fluoranthene	252	13.159	13.147	0.012	99	406983	120.0	123.2	
108 Benzo[a]pyrene	252	13.570	13.559	0.011	97	354860	120.0	124.4	
* 109 Perylene-d12	264	13.641	13.635	0.006	98	100789	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.212	15.194	0.018	99	305955	120.0	140.9	
111 Dibenz(a,h)anthracene	278	15.247	15.229	0.018	97	301736	120.0	139.4	
112 Benzo[g,h,i]perylene	276	15.653	15.629	0.024	97	295922	120.0	134.3	
S 119 Total Cresols	1				0			226.5	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_IC_BNA_L8_00009 Amount Added: 1.00 Units: mL

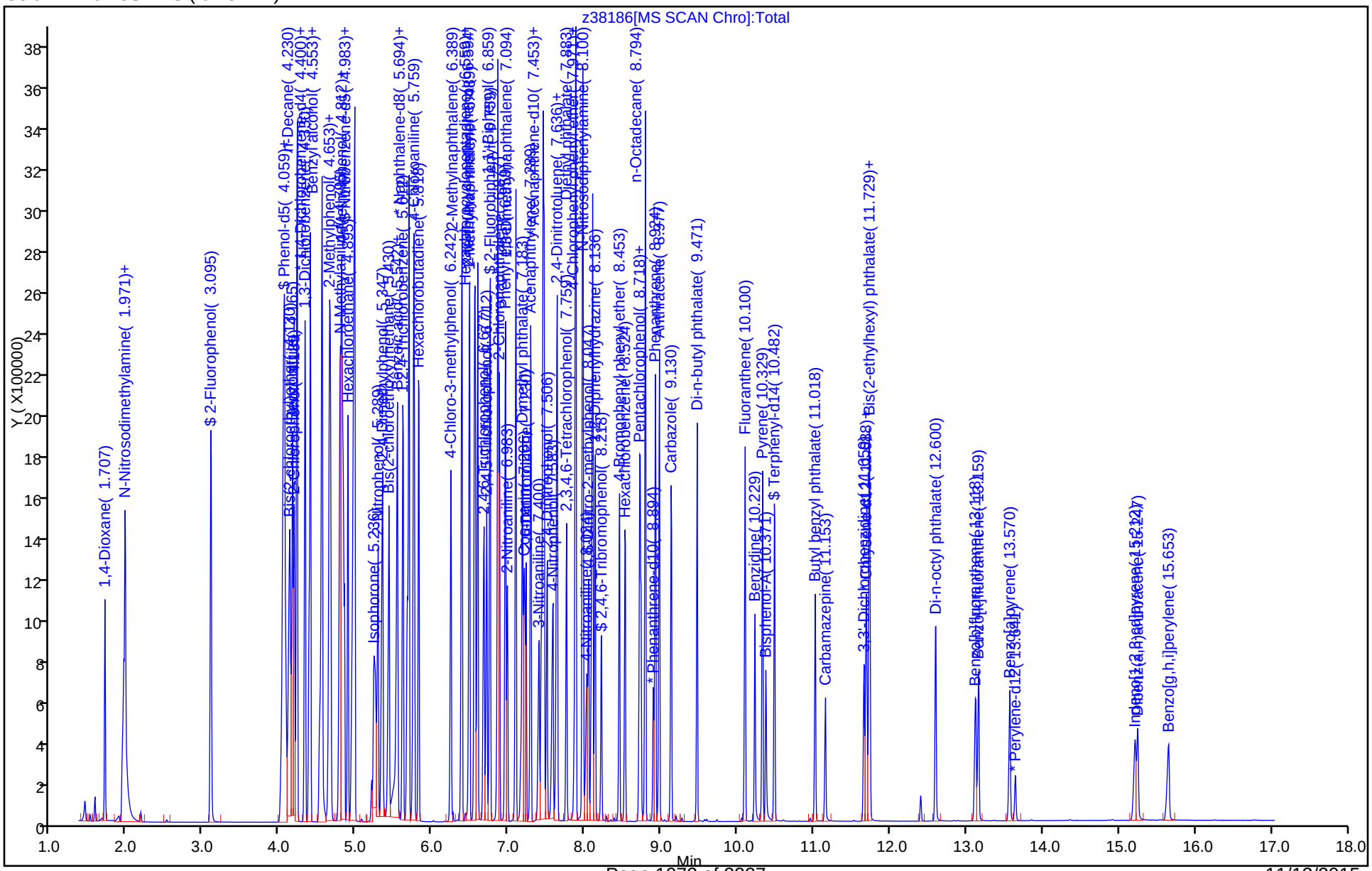
Report Date: 03-Nov-2015 00:23:42 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38186.D

Injection Date:	02-Nov-2015 15:43:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD120			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38187.D
Lims ID: STD80
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 02-Nov-2015 16:06:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-004
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:23:45 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

First Level Reviewer: bayoumiw Date: 03-Nov-2015 00:05:03

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.706	1.712	-0.006	90	184597	80.0	77.8	
	2 N-Nitrosodimethylamine	74	1.947	1.948	-0.001	82	283211	80.0	79.8	
	3 Pyridine	79	1.971	1.977	-0.006	77	480018	80.0	79.6	
$	4 2-Fluorophenol	112	3.094	3.089	0.005	92	446046	80.0	84.4	
$	6 Phenol-d5	99	4.030	4.024	0.006	92	529230	80.0	80.8	
	7 Phenol	94	4.047	4.036	0.011	98	555044	80.0	78.5	
	8 Aniline	93	4.053	4.048	0.005	94	659823	80.0	78.4	
	9 Bis(2-chloroethyl)ether	93	4.118	4.112	0.006	91	429009	80.0	76.2	
	10 Benzonitrile	103	4.153	4.142	0.011	0	782299	NC	NC	
	11 2-Chlorophenol	128	4.177	4.171	0.006	94	431250	80.0	77.7	
	12 n-Decane	43	4.224	4.218	0.006	89	622536	80.0	72.9	
	13 1,3-Dichlorobenzene	146	4.324	4.324	0.000	96	499088	80.0	77.9	
*	14 1,4-Dichlorobenzene-d4	152	4.377	4.377	0.000	96	162963	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.394	4.395	-0.001	95	501770	80.0	77.5	
	16 Benzyl alcohol	108	4.530	4.524	0.006	93	262399	80.0	78.6	
	17 1,2-Dichlorobenzene	146	4.547	4.547	0.000	97	466871	80.0	77.0	
	18 2-Methylphenol	108	4.641	4.636	0.005	89	364135	80.0	76.5	
	19 2,2'-oxybis[1-chloropropan	45	4.659	4.653	0.006	95	774191	80.0	73.8	
	20 N-Methylaniline	106	4.783	4.777	0.006	0	594595	NC	NC	
	22 Acetophenone	105	4.800	4.789	0.011	97	487781	80.0	74.7	
	21 N-Nitrosodi-n-propylamine	70	4.806	4.795	0.011	71	270905	80.0	72.3	
	23 3 & 4 Methylphenol	108	4.812	4.800	0.012	96	364316	80.0	69.9	
	24 4-Methylphenol	108	4.812	4.800	0.012	96	364316	80.0	69.9	
	25 Hexachloroethane	117	4.888	4.889	-0.001	97	177041	80.0	76.0	
$	26 Nitrobenzene-d5	82	4.947	4.942	0.005	92	426854	80.0	82.4	
	27 Nitrobenzene	77	4.971	4.965	0.006	84	531788	80.0	75.1	
	28 n,n'-Dimethylaniline	120	4.971	4.965	0.006	96	593210	80.0	75.2	
	31 Isophorone	82	5.218	5.206	0.012	98	641240	80.0	76.2	
	32 2-Nitrophenol	139	5.283	5.277	0.006	91	220308	80.0	78.3	
	33 2,4-Dimethylphenol	122	5.335	5.330	0.005	92	335094	80.0	76.8	
	34 Bis(2-chloroethoxy)methane	93	5.424	5.418	0.006	95	428277	80.0	77.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.506	5.483	0.023	90	175158	80.0	76.1	
36 2,4-Dichlorophenol	162	5.530	5.524	0.006	96	316752	80.0	77.4	
37 1,2,4-Trichlorobenzene	180	5.606	5.606	0.000	94	348540	80.0	77.6	
* 38 Naphthalene-d8	136	5.665	5.659	0.006	99	565668	40.0	40.0	
39 Naphthalene	128	5.688	5.683	0.005	99	1092000	80.0	76.3	
40 4-Chloroaniline	127	5.747	5.742	0.005	95	420900	80.0	75.0	
41 Hexachlorobutadiene	225	5.818	5.812	0.006	98	204646	80.0	80.6	
43 4-Chloro-3-methylphenol	107	6.235	6.230	0.005	97	263725	80.0	75.0	
44 2-Methylnaphthalene	142	6.382	6.377	0.005	86	727743	80.0	75.1	
45 1-Methylnaphthalene	142	6.477	6.477	0.000	96	626883	80.0	75.5	
46 Hexachlorocyclopentadiene	237	6.547	6.547	0.000	98	211450	80.0	88.1	
47 1,2,4,5-Tetrachlorobenzene	216	6.553	6.553	0.000	97	293269	80.0	79.5	
48 2-tertbutyl-4-methylphenol	149	6.588	6.583	0.005	93	462780	80.0	76.0	
49 2,4,6-Trichlorophenol	196	6.665	6.665	0.000	90	185183	80.0	80.8	
50 2,4,5-Trichlorophenol	196	6.700	6.700	0.000	98	188344	80.0	79.2	
$ 51 2-Fluorobiphenyl	172	6.747	6.747	0.000	98	764187	80.0	84.9	
52 1,1'-Biphenyl	154	6.847	6.847	0.000	95	794790	80.0	78.8	
53 2-Chloronaphthalene	162	6.871	6.865	0.006	99	589238	80.0	78.8	
54 Phenyl ether	170	6.953	6.947	0.006	86	416321	80.0	80.2	
55 2-Nitroaniline	65	6.971	6.971	0.000	96	180906	80.0	71.5	
57 1,3-Dimethylnaphthalene	156	7.088	7.083	0.005	93	490774	80.0	77.6	
58 Dimethyl phthalate	163	7.165	7.159	0.006	99	516579	80.0	76.2	
59 Coumarin	146	7.182	7.177	0.005	83	170801	80.0	73.9	
60 2,6-Dinitrotoluene	165	7.218	7.212	0.006	94	125499	80.0	77.0	
63 Acenaphthylene	152	7.282	7.277	0.005	98	862623	80.0	77.0	
64 3-Nitroaniline	138	7.382	7.383	-0.001	93	134055	80.0	78.2	
* 65 Acenaphthene-d10	164	7.418	7.418	0.000	96	218246	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.447	7.447	0.000	98	542136	80.0	79.5	
67 Acenaphthene	154	7.453	7.453	0.000	94	527743	80.0	76.8	
68 2,4-Dinitrophenol	184	7.494	7.488	0.006	95	142942	160.0	167.9	
69 4-Nitrophenol	65	7.565	7.559	0.006	92	175975	160.0	161.2	
70 2,4-Dinitrotoluene	165	7.618	7.612	0.006	96	145182	80.0	77.7	
71 Dibenzofuran	168	7.624	7.624	0.000	96	731910	80.0	76.2	
72 2,3,4,6-Tetrachlorophenol	232	7.747	7.747	0.000	95	137169	80.0	78.7	
73 Diethyl phthalate	149	7.859	7.853	0.006	99	463510	80.0	76.8	
75 4-Chlorophenyl phenyl ethe	204	7.959	7.959	0.000	88	255871	80.0	76.0	
74 Fluorene	166	7.965	7.965	0.000	96	563282	80.0	75.6	
76 4-Nitroaniline	138	8.000	7.994	0.006	94	115539	80.0	80.8	
77 4,6-Dinitro-2-methylphenol	198	8.029	8.024	0.005	86	161754	160.0	165.9	
78 N-Nitrosodiphenylamine	169	8.088	8.083	0.005	66	754949	160.0	156.0	
79 1,2-Diphenylhydrazine	77	8.124	8.118	0.006	98	514388	80.0	77.8	
$ 80 2,4,6-Tribromophenol	330	8.206	8.206	0.000	95	83812	80.0	84.1	
81 4-Bromophenyl phenyl ether	248	8.441	8.441	0.000	91	149863	80.0	78.8	
82 Hexachlorobenzene	284	8.518	8.518	0.000	96	158684	80.0	82.9	
84 Pentachlorophenol	266	8.712	8.712	0.000	95	177184	160.0	165.3	
85 Pentachloronitrobenzene	237	8.724	8.724	0.000	91	51641	80.0	81.3	
86 n-Octadecane	57	8.782	8.788	-0.006	88	561120	80.0	78.1	
* 87 Phenanthrene-d10	188	8.888	8.888	0.000	99	282155	40.0	40.0	
88 Phenanthrene	178	8.912	8.918	-0.006	98	647640	80.0	77.9	
89 Anthracene	178	8.965	8.965	0.000	98	657139	80.0	78.5	
90 Carbazole	167	9.123	9.124	-0.001	96	527933	80.0	80.1	
91 Di-n-butyl phthalate	149	9.465	9.465	0.000	100	627216	80.0	81.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.088	10.088	0.000	98	535855	80.0	81.8	
93 Benzidine	184	10.218	10.218	0.000	100	283084	80.0	94.7	
94 Pyrene	202	10.318	10.318	0.000	97	536330	80.0	77.1	
95 Bisphenol-A	213	10.359	10.365	-0.006	100	179134	80.0	89.0	
$ 96 Terphenyl-d14	244	10.476	10.477	0.000	99	412928	80.0	82.9	
97 Butyl benzyl phthalate	149	11.006	11.012	-0.006	98	204622	80.0	81.6	
99 Carbamazepine	193	11.135	11.141	-0.006	92	127260	80.0	82.3	
100 3,3'-Dichlorobenzidine	252	11.641	11.647	-0.006	100	136960	80.0	85.4	
101 Benzo[a]anthracene	228	11.670	11.676	-0.006	99	382679	80.0	76.6	
* 102 Chrysene-d12	240	11.688	11.694	-0.006	99	161929	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.712	11.718	-0.006	92	287623	80.0	83.0	
103 Chrysene	228	11.723	11.723	0.000	99	338176	80.0	78.0	
105 Di-n-octyl phthalate	149	12.582	12.588	-0.006	98	407961	80.0	83.3	
106 Benzo[b]fluoranthene	252	13.106	13.106	0.000	99	283125	80.0	82.4	
107 Benzo[k]fluoranthene	252	13.141	13.147	-0.006	99	274900	80.0	77.6	
108 Benzo[a]pyrene	252	13.553	13.559	-0.006	96	243209	80.0	79.5	
* 109 Perylene-d12	264	13.629	13.635	-0.006	98	108083	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.188	15.194	-0.006	99	205727	80.0	88.4	
111 Dibenz(a,h)anthracene	278	15.223	15.229	-0.006	96	202499	80.0	87.2	
112 Benzo[g,h,i]perylene	276	15.623	15.629	-0.006	97	199062	80.0	84.2	
S 119 Total Cresols	1				0			146.4	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_IC_BNA_L7_00009 Amount Added: 1.00 Units: mL

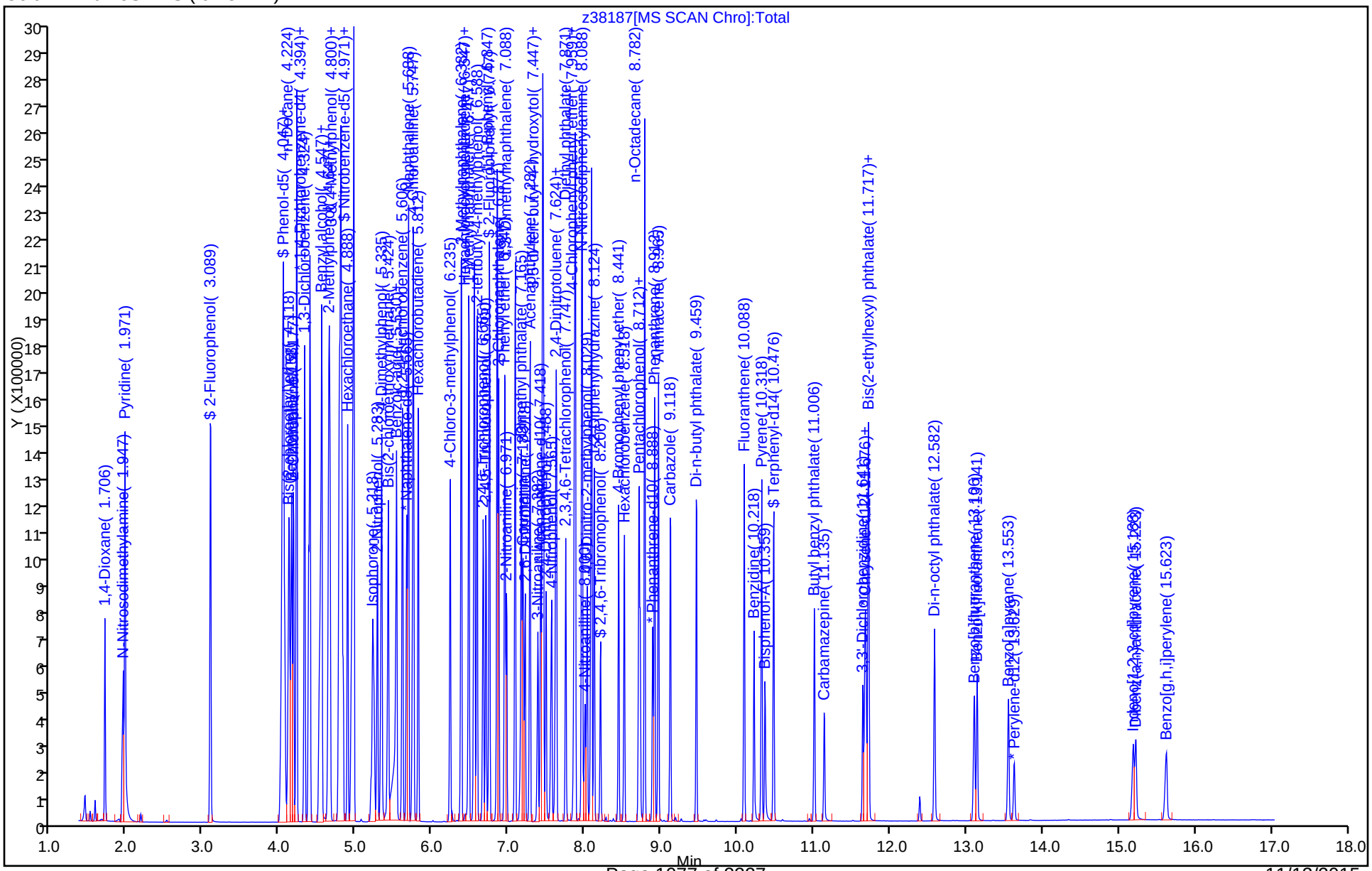
Report Date: 03-Nov-2015 00:23:46 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38187.D

Injection Date:	02-Nov-2015 16:06:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD80			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38188.D
Lims ID: STD20
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 02-Nov-2015 16:29:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-005
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:23:48 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

First Level Reviewer: bayoumiw Date: 03-Nov-2015 00:05:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.718	1.712	0.006	90	52853	20.0	20.3	
2 N-Nitrosodimethylamine	74	1.942	1.948	-0.006	82	78535	20.0	20.1	
3 Pyridine	79	1.977	1.977	0.000	76	134630	20.0	20.3	
$ 4 2-Fluorophenol	112	3.089	3.089	0.000	91	124115	20.0	21.4	
$ 6 Phenol-d5	99	4.006	4.024	-0.018	91	152561	20.0	21.2	
7 Phenol	94	4.018	4.036	-0.018	98	158277	20.0	20.4	
8 Aniline	93	4.036	4.048	-0.012	99	190846	20.0	20.6	
9 Bis(2-chloroethyl)ether	93	4.100	4.112	-0.012	91	121174	20.0	19.6	
10 Benzonitrile	103	4.124	4.142	-0.018	0	223616	NC	NC	
11 2-Chlorophenol	128	4.165	4.171	-0.006	93	125159	20.0	20.5	
12 n-Decane	43	4.212	4.218	-0.006	90	195490	20.0	20.8	
13 1,3-Dichlorobenzene	146	4.312	4.324	-0.012	96	143830	20.0	20.4	
* 14 1,4-Dichlorobenzene-d4	152	4.371	4.377	-0.006	97	179136	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.389	4.395	-0.006	95	144928	20.0	20.4	
16 Benzyl alcohol	108	4.506	4.524	-0.018	93	75147	20.0	20.5	
17 1,2-Dichlorobenzene	146	4.541	4.547	-0.006	96	137297	20.0	20.6	
18 2-Methylphenol	108	4.624	4.636	-0.012	91	106223	20.0	20.3	
19 2,2'-oxybis[1-chloropropan	45	4.641	4.653	-0.012	94	240792	20.0	20.9	
20 N-Methylaniline	106	4.765	4.777	-0.012	0	172375	NC	NC	
22 Acetophenone	105	4.777	4.789	-0.012	95	148058	20.0	20.6	
21 N-Nitrosodi-n-propylamine	70	4.777	4.795	-0.018	91	80743	20.0	19.6	
23 3 & 4 Methylphenol	108	4.783	4.800	-0.017	88	118288	20.0	20.7	
24 4-Methylphenol	108	4.783	4.800	-0.017	85	118288	20.0	20.7	
25 Hexachloroethane	117	4.883	4.889	-0.006	97	50803	20.0	19.8	
$ 26 Nitrobenzene-d5	82	4.924	4.942	-0.018	93	123243	20.0	21.2	
27 Nitrobenzene	77	4.947	4.965	-0.018	88	160718	20.0	20.2	
28 n,n'-Dimethylaniline	120	4.947	4.965	-0.018	92	174866	20.0	20.2	
31 Isophorone	82	5.188	5.206	-0.018	98	194067	20.0	20.6	
32 2-Nitrophenol	139	5.265	5.277	-0.012	90	63743	20.0	20.2	
33 2,4-Dimethylphenol	122	5.312	5.330	-0.018	93	99812	20.0	20.4	
34 Bis(2-chloroethoxy)methane	93	5.406	5.418	-0.012	95	126746	20.0	20.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.430	5.483	-0.053	90	48447	20.0	20.8	
36 2,4-Dichlorophenol	162	5.512	5.524	-0.012	95	94256	20.0	20.6	
37 1,2,4-Trichlorobenzene	180	5.594	5.606	-0.012	95	101104	20.0	20.1	
* 38 Naphthalene-d8	136	5.653	5.659	-0.006	99	634335	40.0	40.0	
39 Naphthalene	128	5.671	5.683	-0.012	99	329072	20.0	20.5	
40 4-Chloroaniline	127	5.730	5.742	-0.012	96	130649	20.0	20.8	
41 Hexachlorobutadiene	225	5.806	5.812	-0.006	96	58179	20.0	20.4	
43 4-Chloro-3-methylphenol	107	6.218	6.230	-0.012	97	80646	20.0	20.5	
44 2-Methylnaphthalene	142	6.365	6.377	-0.012	87	223863	20.0	20.6	
45 1-Methylnaphthalene	142	6.465	6.477	-0.012	94	191992	20.0	20.6	
46 Hexachlorocyclopentadiene	237	6.535	6.547	-0.012	97	57017	20.0	19.8	
47 1,2,4,5-Tetrachlorobenzene	216	6.541	6.553	-0.012	97	90999	20.0	20.6	
48 2-tertbutyl-4-methylphenol	149	6.571	6.583	-0.012	93	139031	20.0	20.4	
49 2,4,6-Trichlorophenol	196	6.653	6.665	-0.012	89	55519	20.0	20.2	
50 2,4,5-Trichlorophenol	196	6.688	6.700	-0.012	97	58439	20.0	20.5	
$ 51 2-Fluorobiphenyl	172	6.735	6.747	-0.012	98	229400	20.0	21.2	
52 1,1'-Biphenyl	154	6.835	6.847	-0.012	95	246393	20.0	20.4	
53 2-Chloronaphthalene	162	6.853	6.865	-0.012	98	183774	20.0	20.5	
54 Phenyl ether	170	6.935	6.947	-0.012	88	125199	20.0	20.1	
55 2-Nitroaniline	65	6.953	6.971	-0.018	97	64046	20.0	21.1	
57 1,3-Dimethylnaphthalene	156	7.071	7.083	-0.012	93	155069	20.0	20.4	
58 Dimethyl phthalate	163	7.141	7.159	-0.018	100	162828	20.0	20.0	
59 Coumarin	146	7.159	7.177	-0.018	83	52592	20.0	20.3	
60 2,6-Dinitrotoluene	165	7.194	7.212	-0.018	94	39410	20.0	20.2	
63 Acenaphthylene	152	7.265	7.277	-0.012	98	274830	20.0	20.4	
64 3-Nitroaniline	138	7.365	7.383	-0.018	94	41204	20.0	20.0	
* 65 Acenaphthene-d10	164	7.406	7.418	-0.012	97	261820	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.429	7.447	-0.018	98	164882	20.0	20.2	
67 Acenaphthene	154	7.441	7.453	-0.012	94	169371	20.0	20.5	
68 2,4-Dinitrophenol	184	7.465	7.488	-0.023	95	36279	40.0	38.4	
69 4-Nitrophenol	65	7.535	7.559	-0.024	93	52950	40.0	40.4	
70 2,4-Dinitrotoluene	165	7.594	7.612	-0.018	96	44632	20.0	19.9	
71 Dibenzofuran	168	7.606	7.624	-0.018	96	235070	20.0	20.4	
72 2,3,4,6-Tetrachlorophenol	232	7.735	7.747	-0.012	95	42415	20.0	20.3	
73 Diethyl phthalate	149	7.835	7.853	-0.018	99	143840	20.0	19.9	
75 4-Chlorophenyl phenyl ethe	204	7.947	7.959	-0.012	87	82743	20.0	20.5	
74 Fluorene	166	7.947	7.965	-0.018	97	182638	20.0	20.4	
76 4-Nitroaniline	138	7.965	7.994	-0.029	95	34473	20.0	20.1	
77 4,6-Dinitro-2-methylphenol	198	8.000	8.024	-0.024	83	43100	40.0	38.0	
78 N-Nitrosodiphenylamine	169	8.065	8.083	-0.018	67	241095	40.0	40.7	
79 1,2-Diphenylhydrazine	77	8.106	8.118	-0.012	98	165381	20.0	20.5	
$ 80 2,4,6-Tribromophenol	330	8.188	8.206	-0.018	96	25236	20.0	21.1	
81 4-Bromophenyl phenyl ether	248	8.429	8.441	-0.012	93	47210	20.0	20.3	
82 Hexachlorobenzene	284	8.500	8.518	-0.018	97	48315	20.0	20.6	
84 Pentachlorophenol	266	8.694	8.712	-0.018	95	49209	40.0	39.4	
85 Pentachloronitrobenzene	237	8.706	8.724	-0.018	90	15508	20.0	20.0	
86 n-Octadecane	57	8.771	8.788	-0.017	88	185111	20.0	21.1	
* 87 Phenanthrene-d10	188	8.876	8.888	-0.012	99	344996	40.0	40.0	
88 Phenanthrene	178	8.894	8.918	-0.024	97	204678	20.0	20.1	
89 Anthracene	178	8.947	8.965	-0.018	98	205252	20.0	20.1	
90 Carbazole	167	9.106	9.124	-0.018	96	160631	20.0	19.9	
91 Di-n-butyl phthalate	149	9.447	9.465	-0.018	100	187429	20.0	19.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.071	10.088	-0.018	98	160275	20.0	20.0	
93 Benzidine	184	10.200	10.218	-0.018	100	74673	20.0	20.4	
94 Pyrene	202	10.300	10.318	-0.018	97	160339	20.0	19.1	
95 Bisphenol-A	213	10.347	10.365	-0.018	99	47567	20.0	19.6	
$ 96 Terphenyl-d14	244	10.459	10.477	-0.017	99	117680	20.0	19.6	
97 Butyl benzyl phthalate	149	10.988	11.012	-0.024	97	59983	20.0	19.9	
99 Carbamazepine	193	11.117	11.141	-0.024	92	31366	20.0	19.2	
100 3,3'-Dichlorobenzidine	252	11.623	11.647	-0.024	99	42553	20.0	22.0	
101 Benzo[a]anthracene	228	11.653	11.676	-0.023	99	117139	20.0	19.5	
* 102 Chrysene-d12	240	11.670	11.694	-0.024	99	195005	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.694	11.718	-0.024	91	83389	20.0	20.0	
103 Chrysene	228	11.700	11.723	-0.023	99	106296	20.0	20.4	
105 Di-n-octyl phthalate	149	12.564	12.588	-0.024	97	121286	20.0	21.1	
106 Benzo[b]fluoranthene	252	13.082	13.106	-0.024	99	84921	20.0	21.0	
107 Benzo[k]fluoranthene	252	13.117	13.147	-0.030	99	84582	20.0	20.3	
108 Benzo[a]pyrene	252	13.529	13.559	-0.030	97	73007	20.0	20.3	
* 109 Perylene-d12	264	13.611	13.635	-0.024	98	126955	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.153	15.194	-0.041	98	52408	20.0	19.2	
111 Dibenz(a,h)anthracene	278	15.188	15.229	-0.041	96	54606	20.0	20.0	
112 Benzo[g,h,i]perylene	276	15.582	15.629	-0.047	97	52980	20.0	19.1	
S 119 Total Cresols	1				0			41.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_IC_BNA_L5_00009 Amount Added: 1.00 Units: mL

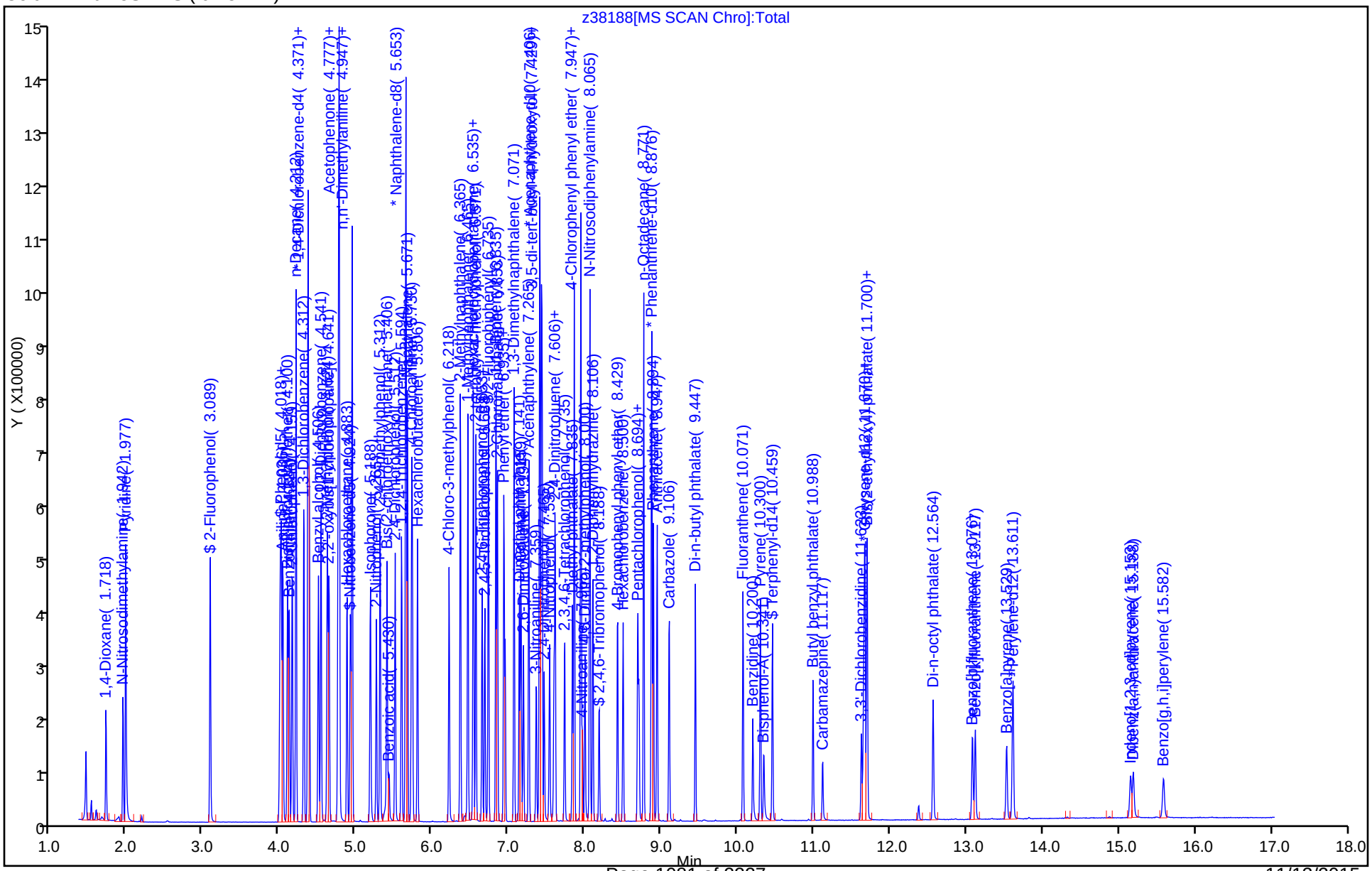
Report Date: 03-Nov-2015 00:23:49 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38188.D

Injection Date:	02-Nov-2015 16:29:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD20			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38189.D
Lims ID: STD10
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 02-Nov-2015 16:53:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-006
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:23:51 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

First Level Reviewer: bayoumiw Date: 03-Nov-2015 00:06:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.724	1.712	0.012	90	27993	10.0	10.4	
2 N-Nitrosodimethylamine	74	1.942	1.948	-0.006	82	42330	10.0	10.5	
3 Pyridine	79	1.983	1.977	0.006	76	73080	10.0	10.6	
$ 4 2-Fluorophenol	112	3.089	3.089	0.000	91	64819	10.0	10.8	
$ 6 Phenol-d5	99	3.994	4.024	-0.030	84	80813	10.0	10.8	
7 Phenol	94	4.012	4.036	-0.024	98	86664	10.0	10.8	
8 Aniline	93	4.036	4.048	-0.012	99	101827	10.0	10.6	
9 Bis(2-chloroethyl)ether	93	4.094	4.112	-0.018	92	66885	10.0	10.4	
10 Benzonitrile	103	4.112	4.142	-0.030	0	113800	NC	NC	
11 2-Chlorophenol	128	4.159	4.171	-0.012	93	68471	10.0	10.8	
12 n-Decane	43	4.212	4.218	-0.006	90	109339	10.0	11.2	
13 1,3-Dichlorobenzene	146	4.312	4.324	-0.012	96	78688	10.0	10.8	
* 14 1,4-Dichlorobenzene-d4	152	4.371	4.377	-0.006	97	185533	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.383	4.395	-0.012	97	79935	10.0	10.8	
16 Benzyl alcohol	108	4.500	4.524	-0.024	93	41508	10.0	10.9	
17 1,2-Dichlorobenzene	146	4.536	4.547	-0.011	96	74076	10.0	10.7	
18 2-Methylphenol	108	4.618	4.636	-0.018	91	59583	10.0	11.0	
19 2,2'-oxybis[1-chloropropan	45	4.641	4.653	-0.012	93	133438	10.0	11.2	
20 N-Methylaniline	106	4.759	4.777	-0.018	0	89235	NC	NC	
22 Acetophenone	105	4.771	4.789	-0.018	92	83021	10.0	11.2	
21 N-Nitrosodi-n-propylamine	70	4.771	4.795	-0.024	93	46161	10.0	10.8	
23 3 & 4 Methylphenol	108	4.777	4.800	-0.023	86	66410	10.0	11.2	
24 4-Methylphenol	108	4.777	4.800	-0.023	86	66410	10.0	11.2	
25 Hexachloroethane	117	4.877	4.889	-0.012	96	28134	10.0	10.6	
$ 26 Nitrobenzene-d5	82	4.924	4.942	-0.018	92	67422	10.0	10.8	
27 Nitrobenzene	77	4.941	4.965	-0.024	90	86556	10.0	10.2	
28 n,n'-Dimethylaniline	120	4.947	4.965	-0.018	93	90564	10.0	10.1	
31 Isophorone	82	5.183	5.206	-0.023	98	108843	10.0	10.8	
32 2-Nitrophenol	139	5.265	5.277	-0.012	91	35416	10.0	10.5	
33 2,4-Dimethylphenol	122	5.312	5.330	-0.018	92	56499	10.0	10.8	
34 Bis(2-chloroethoxy)methane	93	5.400	5.418	-0.018	94	70670	10.0	10.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.406	5.483	-0.077	37	23085	10.0	10.7	
36 2,4-Dichlorophenol	162	5.512	5.524	-0.012	95	51879	10.0	10.6	
37 1,2,4-Trichlorobenzene	180	5.594	5.606	-0.012	94	56094	10.0	10.4	
* 38 Naphthalene-d8	136	5.653	5.659	-0.006	99	679092	40.0	40.0	
39 Naphthalene	128	5.671	5.683	-0.012	99	184684	10.0	10.8	
40 4-Chloroaniline	127	5.724	5.742	-0.018	96	72934	10.0	10.8	
41 Hexachlorobutadiene	225	5.806	5.812	-0.006	96	31390	10.0	10.3	
43 4-Chloro-3-methylphenol	107	6.218	6.230	-0.012	97	46521	10.0	11.0	
44 2-Methylnaphthalene	142	6.365	6.377	-0.012	86	126473	10.0	10.9	
45 1-Methylnaphthalene	142	6.465	6.477	-0.012	94	107932	10.0	10.8	
46 Hexachlorocyclopentadiene	237	6.535	6.547	-0.012	96	29919	10.0	9.47	
47 1,2,4,5-Tetrachlorobenzene	216	6.535	6.553	-0.018	97	49796	10.0	10.3	
48 2-tertbutyl-4-methylphenol	149	6.571	6.583	-0.012	93	73819	10.0	10.1	
49 2,4,6-Trichlorophenol	196	6.653	6.665	-0.012	89	31298	10.0	10.4	
50 2,4,5-Trichlorophenol	196	6.688	6.700	-0.012	97	32820	10.0	10.5	
$ 51 2-Fluorobiphenyl	172	6.735	6.747	-0.012	98	125159	10.0	10.6	
52 1,1'-Biphenyl	154	6.830	6.847	-0.017	96	139755	10.0	10.5	
53 2-Chloronaphthalene	162	6.853	6.865	-0.012	98	102735	10.0	10.4	
54 Phenyl ether	170	6.935	6.947	-0.012	89	66813	10.0	9.77	
55 2-Nitroaniline	65	6.953	6.971	-0.018	97	37708	10.0	11.3	
57 1,3-Dimethylnaphthalene	156	7.071	7.083	-0.012	94	83453	10.0	10.0	
58 Dimethyl phthalate	163	7.135	7.159	-0.024	99	94544	10.0	10.6	
59 Coumarin	146	7.159	7.177	-0.018	82	28395	10.0	10.2	
60 2,6-Dinitrotoluene	165	7.194	7.212	-0.018	95	23264	10.0	10.8	
63 Acenaphthylene	152	7.265	7.277	-0.012	98	157303	10.0	10.7	
64 3-Nitroaniline	138	7.359	7.383	-0.024	93	24218	10.0	10.7	
* 65 Acenaphthene-d10	164	7.406	7.418	-0.012	96	287287	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.430	7.447	-0.017	98	87814	10.0	9.79	
67 Acenaphthene	154	7.435	7.453	-0.018	94	97333	10.0	10.8	
68 2,4-Dinitrophenol	184	7.465	7.488	-0.023	95	17483	20.0	18.9	
69 4-Nitrophenol	65	7.535	7.559	-0.024	92	29677	20.0	20.6	
70 2,4-Dinitrotoluene	165	7.594	7.612	-0.018	97	25520	10.0	10.4	
71 Dibenzofuran	168	7.606	7.624	-0.018	97	136684	10.0	10.8	
72 2,3,4,6-Tetrachlorophenol	232	7.735	7.747	-0.012	93	23754	10.0	10.4	
73 Diethyl phthalate	149	7.835	7.853	-0.018	98	85262	10.0	10.7	
75 4-Chlorophenyl phenyl ethe	204	7.947	7.959	-0.012	86	48026	10.0	10.8	
74 Fluorene	166	7.947	7.965	-0.018	97	107022	10.0	10.9	
76 4-Nitroaniline	138	7.965	7.994	-0.029	93	20367	10.0	10.8	
77 4,6-Dinitro-2-methylphenol	198	8.000	8.024	-0.024	84	23486	20.0	19.4	
78 N-Nitrosodiphenylamine	169	8.065	8.083	-0.018	67	142303	20.0	21.1	
79 1,2-Diphenylhydrazine	77	8.100	8.118	-0.018	99	96673	10.0	10.5	
$ 80 2,4,6-Tribromophenol	330	8.188	8.206	-0.018	95	14257	10.0	10.9	
81 4-Bromophenyl phenyl ether	248	8.429	8.441	-0.012	90	27635	10.0	10.4	
82 Hexachlorobenzene	284	8.500	8.518	-0.018	97	27853	10.0	10.4	
84 Pentachlorophenol	266	8.694	8.712	-0.018	95	25854	20.0	19.5	
85 Pentachloronitrobenzene	237	8.706	8.724	-0.018	91	8484	10.0	9.59	
86 n-Octadecane	57	8.771	8.788	-0.017	88	106877	10.0	10.7	
* 87 Phenanthrene-d10	188	8.876	8.888	-0.012	99	392766	40.0	40.0	
88 Phenanthrene	178	8.900	8.918	-0.018	97	120156	10.0	10.4	
89 Anthracene	178	8.947	8.965	-0.018	99	122068	10.0	10.5	
90 Carbazole	167	9.106	9.124	-0.018	96	94630	10.0	10.3	
91 Di-n-butyl phthalate	149	9.447	9.465	-0.018	100	108643	10.0	10.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.076	10.088	-0.012	98	92254	10.0	10.1	
93 Benzidine	184	10.206	10.218	-0.012	99	35006	10.0	8.42	
94 Pyrene	202	10.300	10.318	-0.018	97	92683	10.0	10.1	
95 Bisphenol-A	213	10.347	10.365	-0.018	99	26173	10.0	9.87	
$ 96 Terphenyl-d14	244	10.459	10.477	-0.017	99	66737	10.0	10.2	
97 Butyl benzyl phthalate	149	10.994	11.012	-0.018	98	32820	10.0	9.94	
99 Carbamazepine	193	11.118	11.141	-0.023	92	13438	10.0	9.30	
100 3,3'-Dichlorobenzidine	252	11.629	11.647	-0.018	99	20478	10.0	9.70	
101 Benzo[a]anthracene	228	11.659	11.676	-0.017	99	66013	10.0	10.0	
* 102 Chrysene-d12	240	11.670	11.694	-0.024	99	213149	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.700	11.718	-0.018	84	45450	10.0	9.96	
103 Chrysene	228	11.700	11.723	-0.023	99	60127	10.0	10.5	
105 Di-n-octyl phthalate	149	12.564	12.588	-0.024	97	65311	10.0	9.88	
106 Benzo[b]fluoranthene	252	13.082	13.106	-0.024	99	47894	10.0	10.3	
107 Benzo[k]fluoranthene	252	13.117	13.147	-0.030	99	51061	10.0	10.7	
108 Benzo[a]pyrene	252	13.529	13.559	-0.030	97	42665	10.0	10.3	
* 109 Perylene-d12	264	13.617	13.635	-0.018	98	145891	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.158	15.194	-0.036	98	30222	10.0	9.62	
111 Dibenz(a,h)anthracene	278	15.194	15.229	-0.035	96	31441	10.0	10.0	
112 Benzo[g,h,i]perylene	276	15.588	15.629	-0.041	97	30549	10.0	9.58	
S 119 Total Cresols	1				0			22.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_IC_BNA_L4_00009 Amount Added: 1.00 Units: mL

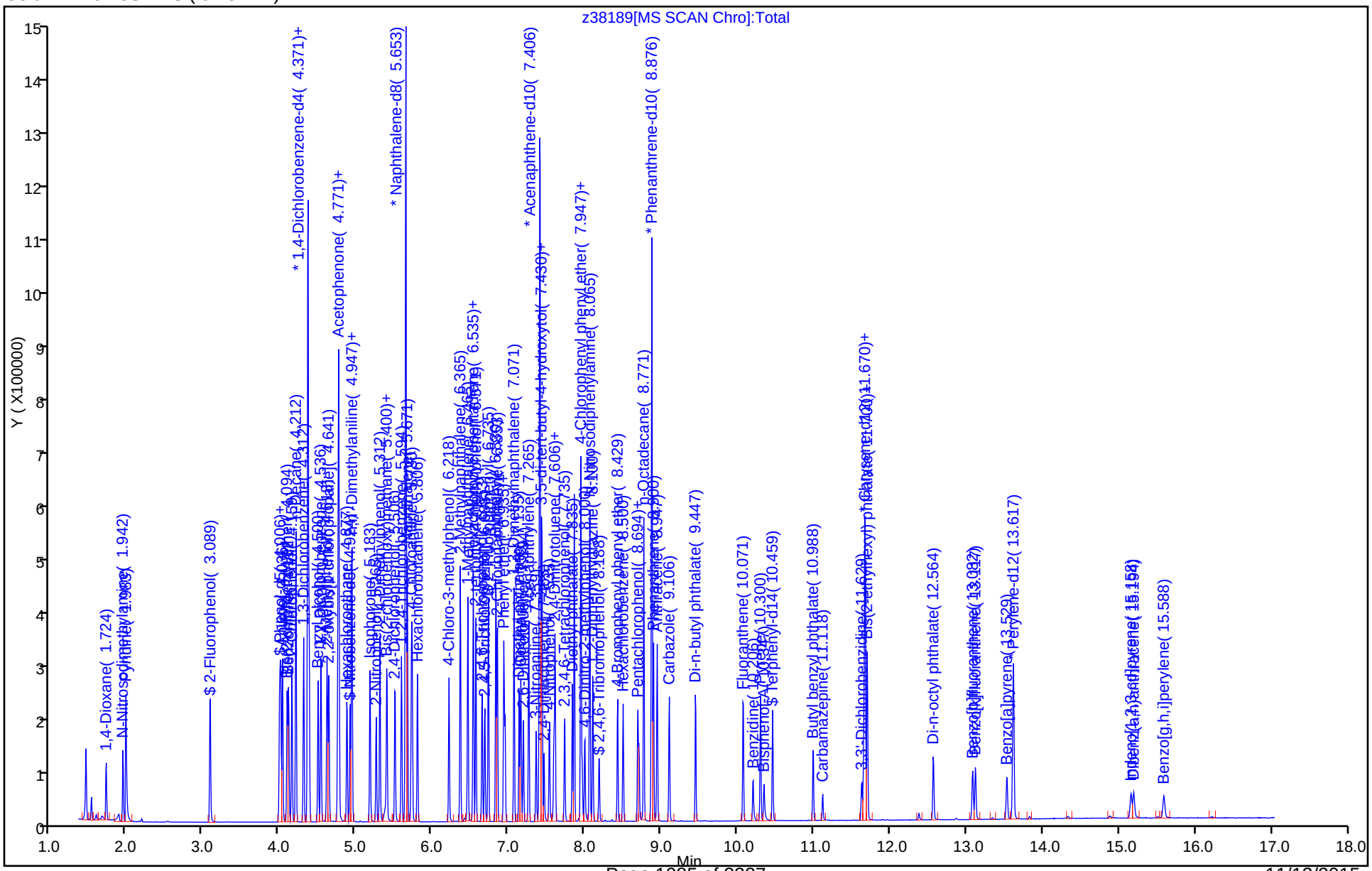
Report Date: 03-Nov-2015 00:23:52 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38189.D

Injection Date:	02-Nov-2015 16:53:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD10			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38190.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 02-Nov-2015 17:16:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-007
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:23:54 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

First Level Reviewer: bayoumiw Date: 03-Nov-2015 00:07:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.730	1.712	0.018	90	13587	5.00	4.90	
2 N-Nitrosodimethylamine	74	1.948	1.948	0.000	81	19477	5.00	4.70	
3 Pyridine	79	1.989	1.977	0.012	76	32771	5.00	4.65	
$ 4 2-Fluorophenol	112	3.089	3.089	0.000	91	28341	5.00	4.59	
$ 6 Phenol-d5	99	3.994	4.024	-0.030	86	36197	5.00	4.74	
7 Phenol	94	4.006	4.036	-0.030	98	38815	5.00	4.70	
8 Aniline	93	4.036	4.048	-0.012	99	47334	5.00	4.82	
9 Bis(2-chloroethyl)ether	93	4.094	4.112	-0.018	92	31122	5.00	4.73	
10 Benzonitrile	103	4.112	4.142	-0.030	0	58726	NC	NC	
11 2-Chlorophenol	128	4.159	4.171	-0.012	92	31443	5.00	4.85	
12 n-Decane	43	4.212	4.218	-0.006	91	52706	5.00	5.28	
13 1,3-Dichlorobenzene	146	4.312	4.324	-0.012	95	36204	5.00	4.84	
* 14 1,4-Dichlorobenzene-d4	152	4.365	4.377	-0.012	96	190280	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.383	4.395	-0.012	95	37321	5.00	4.94	
16 Benzyl alcohol	108	4.500	4.524	-0.024	93	18536	5.00	4.75	
17 1,2-Dichlorobenzene	146	4.536	4.547	-0.011	96	35603	5.00	5.03	
18 2-Methylphenol	108	4.618	4.636	-0.018	89	27807	5.00	5.00	
19 2,2'-oxybis[1-chloropropan	45	4.642	4.653	-0.011	94	63728	5.00	5.21	
20 N-Methylaniline	106	4.759	4.777	-0.018	0	46395	NC	NC	
22 Acetophenone	105	4.765	4.789	-0.024	90	39054	5.00	5.12	
21 N-Nitrosodi-n-propylamine	70	4.765	4.795	-0.030	95	21655	5.00	4.95	
23 3 & 4 Methylphenol	108	4.771	4.800	-0.029	81	31769	5.00	5.22	
24 4-Methylphenol	108	4.771	4.800	-0.029	80	31769	5.00	5.22	
25 Hexachloroethane	117	4.877	4.889	-0.012	96	13224	5.00	4.86	
$ 26 Nitrobenzene-d5	82	4.918	4.942	-0.024	93	29139	5.00	4.69	
27 Nitrobenzene	77	4.941	4.965	-0.024	89	43325	5.00	5.10	
28 n,n'-Dimethylaniline	120	4.941	4.965	-0.024	93	47238	5.00	5.13	
31 Isophorone	82	5.177	5.206	-0.029	98	50964	5.00	5.05	
32 2-Nitrophenol	139	5.265	5.277	-0.012	91	16385	5.00	4.86	
33 2,4-Dimethylphenol	122	5.312	5.330	-0.018	92	26271	5.00	5.02	
34 Bis(2-chloroethoxy)methane	93	5.400	5.418	-0.018	95	33334	5.00	5.01	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.377	5.483	-0.106	89	6101	5.00	4.80	
36 2,4-Dichlorophenol	162	5.506	5.524	-0.018	95	24233	5.00	4.94	
37 1,2,4-Trichlorobenzene	180	5.594	5.606	-0.012	95	25976	5.00	4.82	
* 38 Naphthalene-d8	136	5.653	5.659	-0.006	99	678187	40.0	40.0	
39 Naphthalene	128	5.671	5.683	-0.012	99	86920	5.00	5.07	
40 4-Chloroaniline	127	5.724	5.742	-0.018	96	34483	5.00	5.13	
41 Hexachlorobutadiene	225	5.806	5.812	-0.006	96	14861	5.00	4.88	
43 4-Chloro-3-methylphenol	107	6.218	6.230	-0.012	97	21453	5.00	5.09	
44 2-Methylnaphthalene	142	6.365	6.377	-0.012	86	59352	5.00	5.11	
45 1-Methylnaphthalene	142	6.465	6.477	-0.012	93	51037	5.00	5.13	
46 Hexachlorocyclopentadiene	237	6.536	6.547	-0.011	96	12299	5.00	3.80	
47 1,2,4,5-Tetrachlorobenzene	216	6.536	6.553	-0.017	96	23843	5.00	4.80	
48 2-tertbutyl-4-methylphenol	149	6.571	6.583	-0.012	93	37883	5.00	5.19	
49 2,4,6-Trichlorophenol	196	6.653	6.665	-0.012	90	14619	5.00	4.74	
50 2,4,5-Trichlorophenol	196	6.688	6.700	-0.012	95	15139	5.00	4.73	
$ 51 2-Fluorobiphenyl	172	6.735	6.747	-0.012	98	55898	5.00	4.61	
52 1,1'-Biphenyl	154	6.830	6.847	-0.017	95	66338	5.00	4.88	
53 2-Chloronaphthalene	162	6.847	6.865	-0.018	98	49118	5.00	4.88	
54 Phenyl ether	170	6.935	6.947	-0.012	89	34074	5.00	4.87	
55 2-Nitroaniline	65	6.953	6.971	-0.018	98	17606	5.00	5.16	
57 1,3-Dimethylnaphthalene	156	7.071	7.083	-0.012	94	43184	5.00	5.07	
58 Dimethyl phthalate	163	7.135	7.159	-0.024	100	46150	5.00	5.05	
59 Coumarin	146	7.153	7.177	-0.024	82	14660	5.00	5.29	
60 2,6-Dinitrotoluene	165	7.188	7.212	-0.024	95	10753	5.00	4.90	
63 Acenaphthylene	152	7.259	7.277	-0.018	98	74153	5.00	4.91	
64 3-Nitroaniline	138	7.359	7.383	-0.024	92	11322	5.00	4.90	
* 65 Acenaphthene-d10	164	7.406	7.418	-0.012	97	293925	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.430	7.447	-0.017	98	44609	5.00	4.86	
67 Acenaphthene	154	7.435	7.453	-0.018	94	46564	5.00	5.03	
68 2,4-Dinitrophenol	184	7.465	7.488	-0.023	95	5804	10.0	8.56	
69 4-Nitrophenol	65	7.530	7.559	-0.029	92	12996	10.0	8.84	
70 2,4-Dinitrotoluene	165	7.588	7.612	-0.024	96	12665	5.00	5.04	
71 Dibenzofuran	168	7.606	7.624	-0.018	96	64791	5.00	5.01	
72 2,3,4,6-Tetrachlorophenol	232	7.735	7.747	-0.012	95	11244	5.00	4.79	
73 Diethyl phthalate	149	7.835	7.853	-0.018	99	41628	5.00	5.12	
75 4-Chlorophenyl phenyl ethe	204	7.947	7.959	-0.012	86	23206	5.00	5.12	
74 Fluorene	166	7.947	7.965	-0.018	96	51175	5.00	5.10	
76 4-Nitroaniline	138	7.959	7.994	-0.035	95	9364	5.00	4.86	
77 4,6-Dinitro-2-methylphenol	198	7.994	8.024	-0.030	85	9656	10.0	9.09	
78 N-Nitrosodiphenylamine	169	8.059	8.083	-0.024	67	69453	10.0	9.88	
79 1,2-Diphenylhydrazine	77	8.100	8.118	-0.018	98	46272	5.00	4.82	
$ 80 2,4,6-Tribromophenol	330	8.182	8.206	-0.024	94	6399	5.00	4.77	
81 4-Bromophenyl phenyl ether	248	8.430	8.441	-0.011	91	13125	5.00	4.75	
82 Hexachlorobenzene	284	8.500	8.518	-0.018	97	13192	5.00	4.74	
84 Pentachlorophenol	266	8.694	8.712	-0.018	94	10744	10.0	9.20	
85 Pentachloronitrobenzene	237	8.706	8.724	-0.018	88	4244	5.00	4.60	
86 n-Octadecane	57	8.771	8.788	-0.017	89	49603	5.00	4.75	
* 87 Phenanthrene-d10	188	8.877	8.888	-0.011	99	409805	40.0	40.0	
88 Phenanthrene	178	8.894	8.918	-0.024	98	59437	5.00	4.93	
89 Anthracene	178	8.947	8.965	-0.018	99	60098	5.00	4.94	
90 Carbazole	167	9.106	9.124	-0.018	95	46302	5.00	4.84	
91 Di-n-butyl phthalate	149	9.447	9.465	-0.018	100	52501	5.00	4.70	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.071	10.088	-0.017	98	44606	5.00	4.69	
93 Benzidine	184	10.206	10.218	-0.012	99	16869	5.00	3.89	
94 Pyrene	202	10.300	10.318	-0.018	97	44955	5.00	5.38	
95 Bisphenol-A	213	10.347	10.365	-0.018	98	9605	5.00	3.97	
$ 96 Terphenyl-d14	244	10.459	10.477	-0.017	99	29132	5.00	4.86	
97 Butyl benzyl phthalate	149	10.988	11.012	-0.024	98	14399	5.00	4.78	
99 Carbamazepine	193	11.118	11.141	-0.023	93	4409	5.00	5.22	
100 3,3'-Dichlorobenzidine	252	11.629	11.647	-0.018	98	8747	5.00	4.53	
101 Benzo[a]anthracene	228	11.653	11.676	-0.023	99	28204	5.00	4.69	
* 102 Chrysene-d12	240	11.670	11.694	-0.024	99	194675	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.700	11.718	-0.018	83	19004	5.00	4.56	
103 Chrysene	228	11.700	11.723	-0.023	99	25897	5.00	4.97	
105 Di-n-octyl phthalate	149	12.565	12.588	-0.023	97	25944	5.00	4.35	
106 Benzo[b]fluoranthene	252	13.082	13.106	-0.024	99	19780	5.00	4.73	
107 Benzo[k]fluoranthene	252	13.117	13.147	-0.030	99	19854	5.00	4.60	
108 Benzo[a]pyrene	252	13.529	13.559	-0.030	96	17396	5.00	4.67	
* 109 Perylene-d12	264	13.612	13.635	-0.023	98	131612	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.153	15.194	-0.041	99	13549	5.00	4.78	
111 Dibenz(a,h)anthracene	278	15.188	15.229	-0.041	95	13626	5.00	4.82	
112 Benzo[g,h,i]perylene	276	15.582	15.629	-0.047	97	13170	5.00	4.58	
S 119 Total Cresols	1				0			10.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_IC_BNA_L3_00011 Amount Added: 1.00 Units: mL

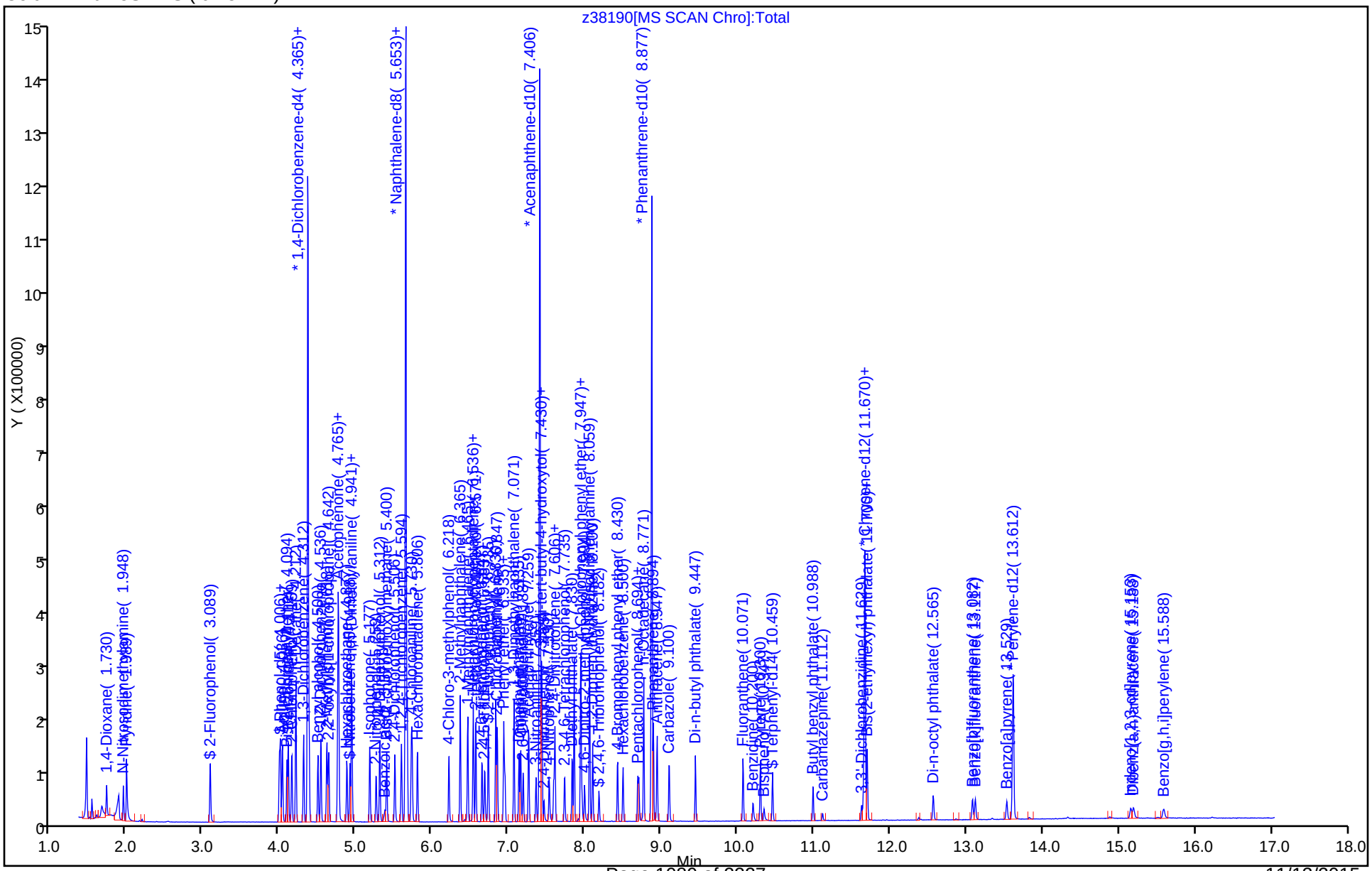
Report Date: 03-Nov-2015 00:23:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38190.D

Injection Date:	02-Nov-2015 17:16:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD5			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38191.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Nov-2015 17:40:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-008
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:23:57 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

First Level Reviewer: bayoumiw Date: 03-Nov-2015 00:08:04

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.089	3.089	0.000	90	10944	2.00	1.76	
$ 6 Phenol-d5	99	3.989	4.024	-0.035	84	14544	2.00	1.89	
9 Bis(2-chloroethyl)ether	93	4.089	4.112	-0.023	91	13004	2.00	1.96	
* 14 1,4-Dichlorobenzene-d4	152	4.365	4.377	-0.012	97	191792	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.765	4.795	-0.030	94	9082	2.00	2.06	
25 Hexachloroethane	117	4.877	4.889	-0.012	95	5480	2.00	2.00	
$ 26 Nitrobenzene-d5	82	4.918	4.942	-0.024	92	11675	2.00	1.83	
27 Nitrobenzene	77	4.936	4.965	-0.029	91	17661	2.00	2.03	
28 n,n'-Dimethylaniline	120	4.942	4.965	-0.023	92	18789	2.00	2.02	
31 Isophorone	82	5.177	5.206	-0.029	98	21529	2.00	2.08	
37 1,2,4-Trichlorobenzene	180	5.594	5.606	-0.012	95	10897	2.00	1.97	
* 38 Naphthalene-d8	136	5.647	5.659	-0.012	99	695645	40.0	40.0	
41 Hexachlorobutadiene	225	5.800	5.812	-0.012	96	6062	2.00	1.94	
49 2,4,6-Trichlorophenol	196	6.647	6.665	-0.018	89	5837	2.00	1.88	
$ 51 2-Fluorobiphenyl	172	6.730	6.747	-0.017	98	21993	2.00	1.80	
60 2,6-Dinitrotoluene	165	7.189	7.212	-0.024	94	4359	2.00	1.97	
* 65 Acenaphthene-d10	164	7.406	7.418	-0.012	98	295730	40.0	40.0	
68 2,4-Dinitrophenol	184	7.465	7.488	-0.023	92	784	4.00	4.28	
70 2,4-Dinitrotoluene	165	7.588	7.612	-0.024	95	4869	2.00	1.94	
77 4,6-Dinitro-2-methylphenol	198	7.994	8.024	-0.030	81	2638	4.00	4.18	
78 N-Nitrosodiphenylamine	169	8.059	8.083	-0.024	67	28001	4.00	3.92	
$ 80 2,4,6-Tribromophenol	330	8.183	8.206	-0.023	93	2308	2.00	1.71	
82 Hexachlorobenzene	284	8.500	8.518	-0.018	97	5319	2.00	1.88	
84 Pentachlorophenol	266	8.694	8.712	-0.018	95	2810	4.00	4.15	
* 87 Phenanthrene-d10	188	8.877	8.888	-0.011	99	416235	40.0	40.0	
$ 96 Terphenyl-d14	244	10.459	10.477	-0.017	98	10902	2.00	1.74	
100 3,3'-Dichlorobenzidine	252	11.629	11.647	-0.018	97	3101	2.00	1.53	
101 Benzo[a]anthracene	228	11.653	11.676	-0.023	98	12145	2.00	1.93	
* 102 Chrysene-d12	240	11.671	11.694	-0.023	99	203974	40.0	40.0	
106 Benzo[b]fluoranthene	252	13.082	13.106	-0.024	100	8864	2.00	1.89	
107 Benzo[k]fluoranthene	252	13.118	13.147	-0.029	99	9304	2.00	1.92	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
108 Benzo[a]pyrene	252	13.529	13.559	-0.030	96	7912	2.00	1.89	
* 109 Perylene-d12	264	13.612	13.635	-0.023	98	147654	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.153	15.194	-0.041	98	5256	2.00	1.65	
111 Dibenz(a,h)anthracene	278	15.188	15.229	-0.041	93	5890	2.00	1.86	M

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L0_00007 Amount Added: 1.00 Units: mL

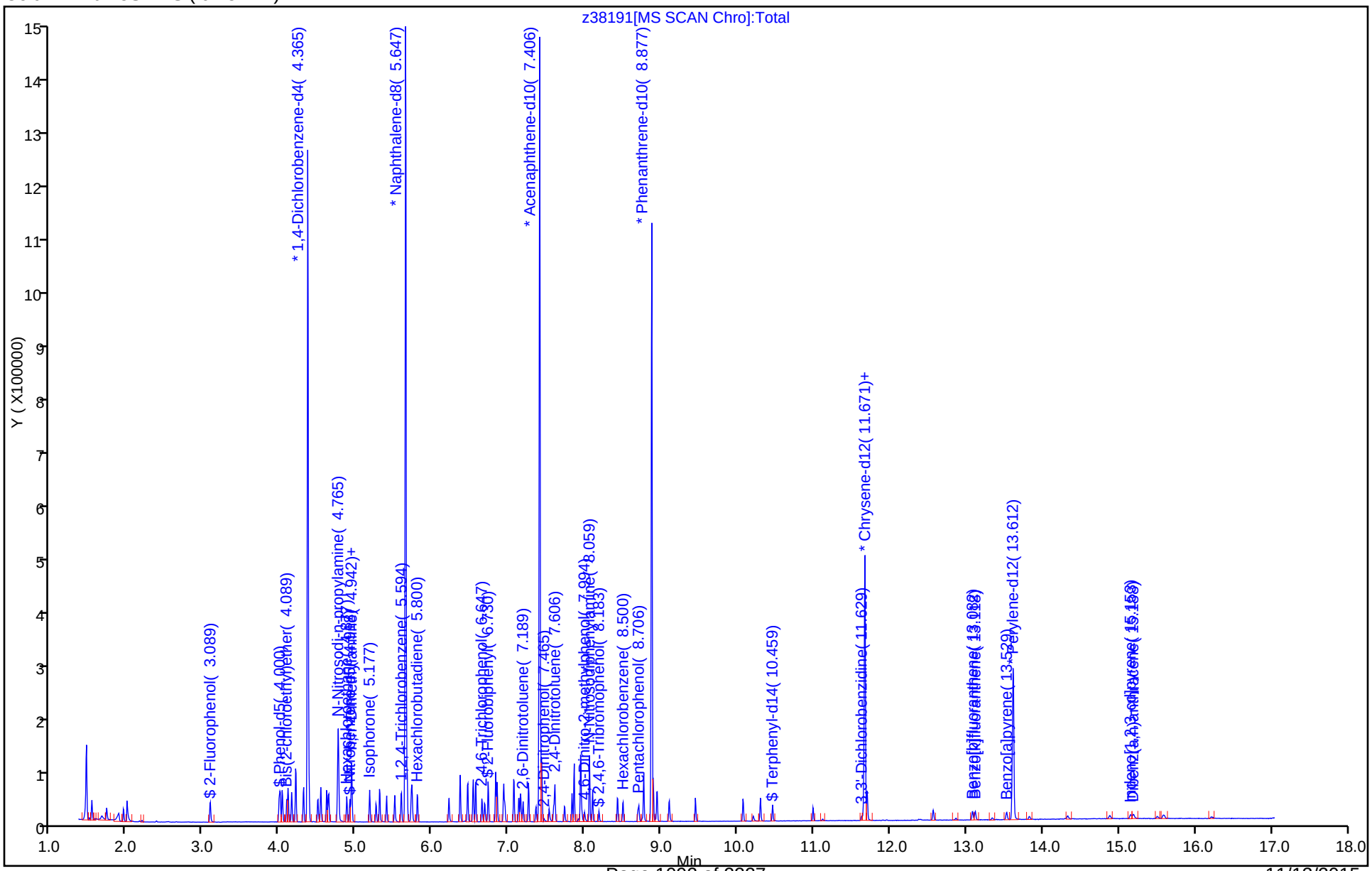
Report Date: 03-Nov-2015 00:23:57 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38191.D

Injection Date:	02-Nov-2015 17:40:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD2			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38192.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 02-Nov-2015 18:03:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-009
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:23:59 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

First Level Reviewer: bayoumiw Date: 03-Nov-2015 00:08:22

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.089	3.089	0.000	91	6122	1.00	0.9455	
$ 6 Phenol-d5	99	3.989	4.024	-0.035	85	8048	1.00	1.00	
9 Bis(2-chloroethyl)ether	93	4.089	4.112	-0.023	90	6842	1.00	0.99	
* 14 1,4-Dichlorobenzene-d4	152	4.365	4.377	-0.012	97	199622	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.765	4.795	-0.030	94	5052	1.00	1.10	
25 Hexachloroethane	117	4.877	4.889	-0.012	95	3013	1.00	1.06	
$ 26 Nitrobenzene-d5	82	4.918	4.942	-0.024	92	6748	1.00	1.00	
27 Nitrobenzene	77	4.936	4.965	-0.029	89	9486	1.00	1.03	
28 n,n'-Dimethylaniline	120	4.942	4.965	-0.023	92	10228	1.00	1.06	
37 1,2,4-Trichlorobenzene	180	5.594	5.606	-0.012	94	6071	1.00	1.04	
* 38 Naphthalene-d8	136	5.647	5.659	-0.012	99	734152	40.0	40.0	
41 Hexachlorobutadiene	225	5.800	5.812	-0.012	96	3284	1.00	1.00	
$ 51 2-Fluorobiphenyl	172	6.730	6.747	-0.017	98	12899	1.00	0.9560	
60 2,6-Dinitrotoluene	165	7.189	7.212	-0.024	92	2411	1.00	0.9874	
* 65 Acenaphthene-d10	164	7.406	7.418	-0.012	97	327117	40.0	40.0	
70 2,4-Dinitrotoluene	165	7.588	7.612	-0.024	95	2797	1.00	1.01	
$ 80 2,4,6-Tribromophenol	330	8.183	8.206	-0.023	94	1358	1.00	0.9086	
82 Hexachlorobenzene	284	8.500	8.518	-0.018	97	3220	1.00	0.9764	
* 87 Phenanthrene-d10	188	8.877	8.888	-0.011	99	485918	40.0	40.0	
$ 96 Terphenyl-d14	244	10.459	10.477	-0.017	99	7721	1.00	1.02	
101 Benzo[a]anthracene	228	11.653	11.676	-0.023	98	8040	1.00	1.06	
* 102 Chrysene-d12	240	11.671	11.694	-0.023	99	246301	40.0	40.0	
106 Benzo[b]fluoranthene	252	13.076	13.106	-0.030	98	5025	1.00	0.9655	
107 Benzo[k]fluoranthene	252	13.118	13.147	-0.029	99	5368	1.00	1.00	
108 Benzo[a]pyrene	252	13.523	13.559	-0.036	96	4688	1.00	1.01	
* 109 Perylene-d12	264	13.612	13.635	-0.023	98	163756	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.153	15.194	-0.041	96	3240	1.00	0.9185	
111 Dibenz(a,h)anthracene	278	15.188	15.229	-0.041	94	3094	1.00	0.8798	

Reagents:

SV_IC_BNA_L2_00009 Amount Added: 1.00 Units: mL

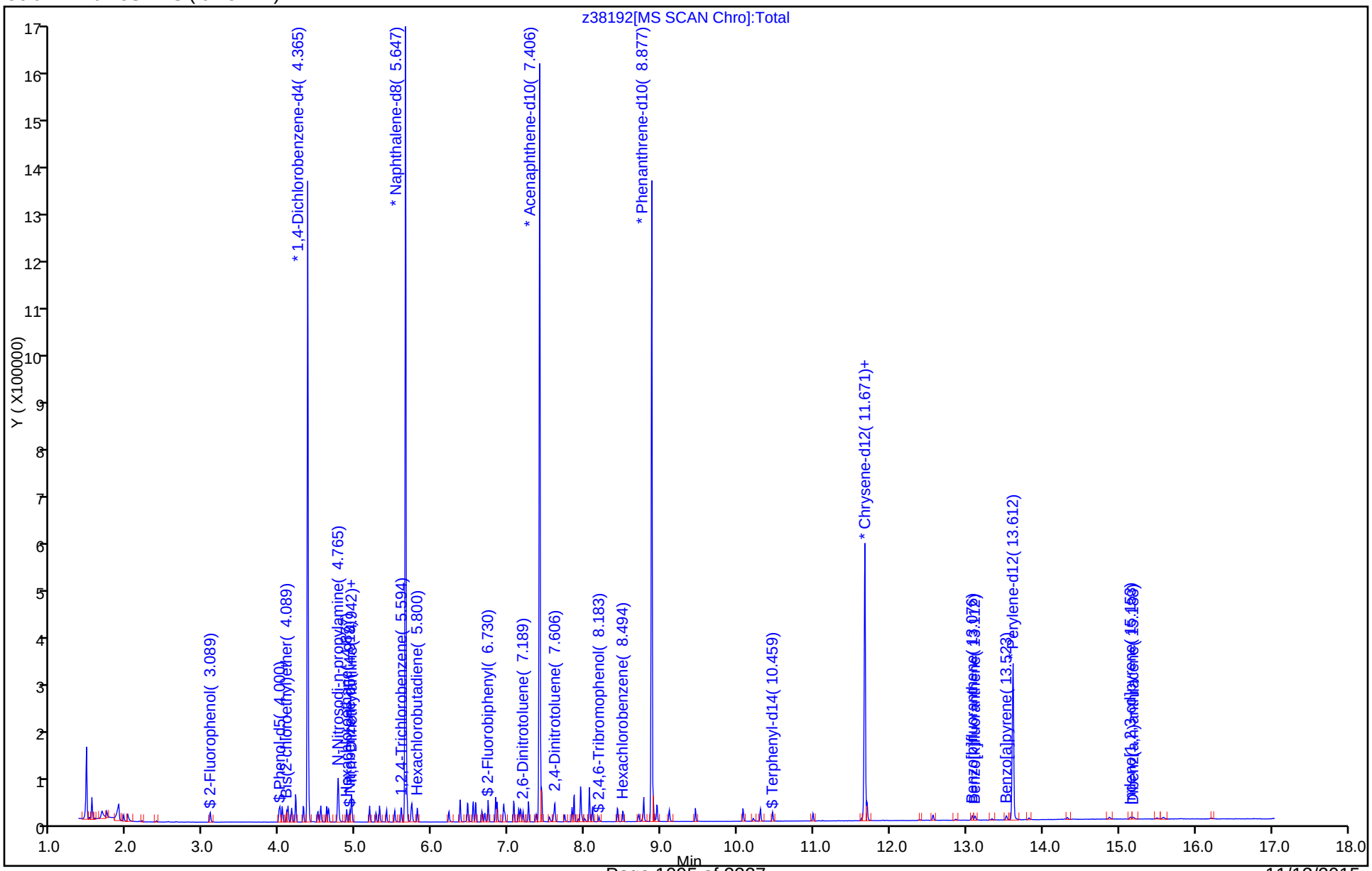
Report Date: 03-Nov-2015 00:24:00 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38192.D

Injection Date:	02-Nov-2015 18:03:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38193.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 02-Nov-2015 18:27:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-010
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:24:02 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

First Level Reviewer: bayoumiw Date: 03-Nov-2015 00:08:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
9 Bis(2-chloroethyl)ether	93	4.089	4.112	-0.023	92	3924	0.5000	0.5531	
* 14 1,4-Dichlorobenzene-d4	152	4.365	4.377	-0.012	97	205312	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.765	4.795	-0.030	94	2556	0.5000	0.5416	
25 Hexachloroethane	117	4.877	4.889	-0.012	95	1578	0.5000	0.5373	
$ 26 Nitrobenzene-d5	82	4.918	4.942	-0.024	92	3327	0.5000	0.4848	
27 Nitrobenzene	77	4.936	4.965	-0.029	90	4941	0.5000	0.5270	
28 n,n'-Dimethylaniline	120	4.941	4.965	-0.024	94	5040	0.5000	0.5072	
37 1,2,4-Trichlorobenzene	180	5.594	5.606	-0.012	95	3089	0.5000	0.5195	
* 38 Naphthalene-d8	136	5.647	5.659	-0.012	99	748894	40.0	40.0	
$ 51 2-Fluorobiphenyl	172	6.730	6.747	-0.017	98	6665	0.5000	0.4908	
* 65 Acenaphthene-d10	164	7.406	7.418	-0.012	97	329225	40.0	40.0	
82 Hexachlorobenzene	284	8.500	8.518	-0.018	95	1541	0.5000	0.4676	
* 87 Phenanthrene-d10	188	8.877	8.888	-0.012	99	485602	40.0	40.0	
$ 96 Terphenyl-d14	244	10.459	10.477	-0.017	98	3625	0.5000	0.5237	
101 Benzo[a]anthracene	228	11.653	11.676	-0.023	97	4054	0.5000	0.5837	
* 102 Chrysene-d12	240	11.665	11.694	-0.029	99	225021	40.0	40.0	
106 Benzo[b]fluoranthene	252	13.076	13.106	-0.030	97	2530	0.5000	0.5211	
107 Benzo[k]fluoranthene	252	13.117	13.147	-0.030	98	2570	0.5000	0.5132	
108 Benzo[a]pyrene	252	13.523	13.559	-0.036	96	2218	0.5000	0.5129	
* 109 Perylene-d12	264	13.611	13.635	-0.024	98	152769	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.158	15.194	-0.036	94	1736	0.5000	0.5275	
111 Dibenz(a,h)anthracene	278	15.194	15.229	-0.035	93	1500	0.5000	0.4572	

Reagents:

SV_IC_BNA_L1_00010 Amount Added: 1.00 Units: mL

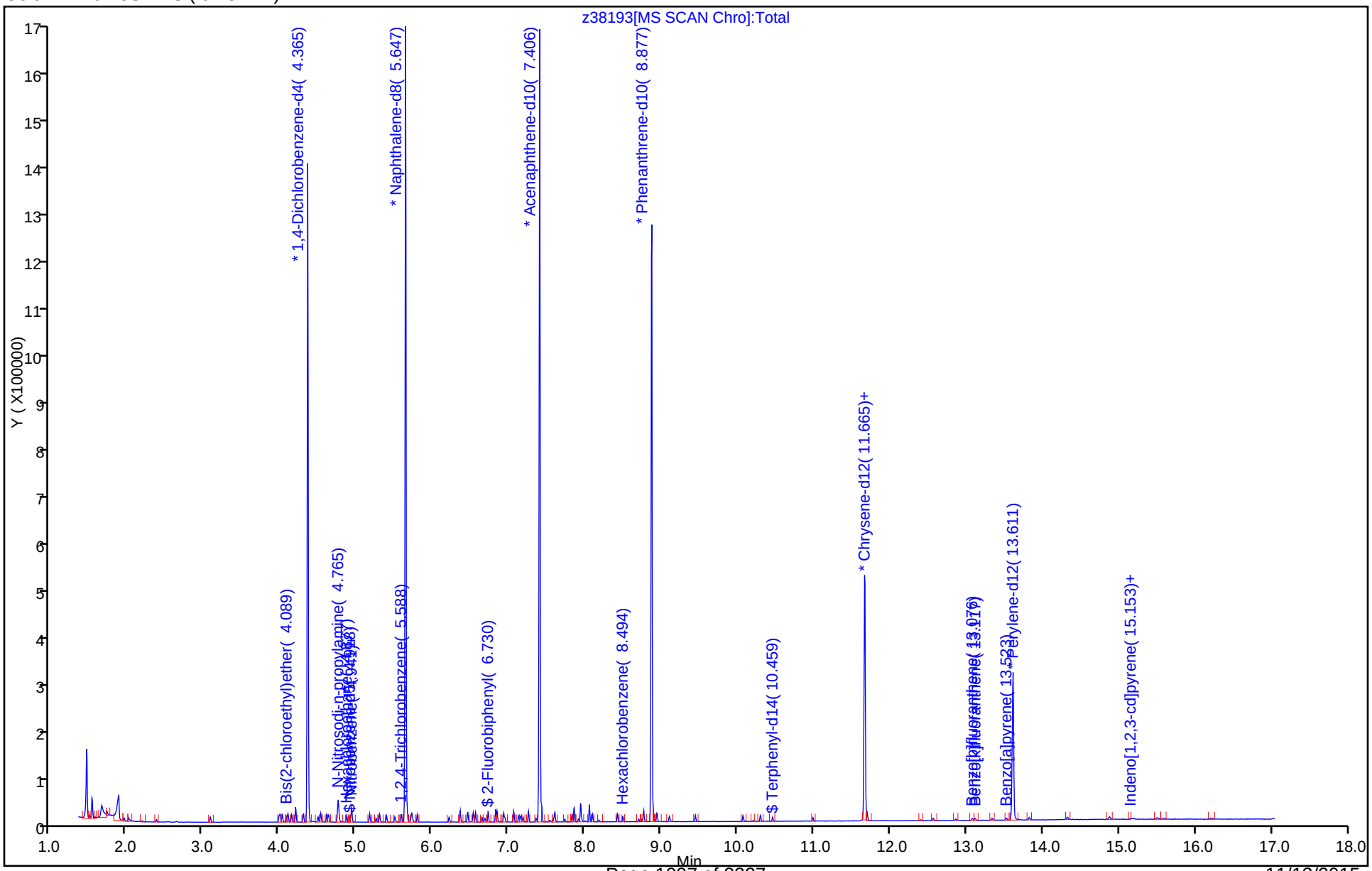
Report Date: 03-Nov-2015 00:24:03 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38193.D

Injection Date:	02-Nov-2015 18:27:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD05			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 332733

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/02/2015 18:50 Calibration End Date: 11/02/2015 21:11 Calibration ID: 53098

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD2 460-332733/17	z38200.D
Level 2	STD5 460-332733/16	z38199.D
Level 3	STD010 460-332733/15	z38198.D
Level 4	STD020 460-332733/14	z38197.D
Level 5	STD50 460-332733/11	z38194.D
Level 6	STD080 460-332733/13	z38196.D
Level 7	STD120 460-332733/12	z38195.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzaldehyde	1.1523	1.1806 1.1612	1.1382	1.2274	1.1697	Ave		1.1716			0.0100	2.6		20.0			
Caprolactam	0.0827	0.0673 0.0868	0.0739	0.0865	0.0826	Ave		0.0800			0.0100	9.7		20.0			
Atrazine	0.1765 0.1751	0.1905 0.1818	0.1828	0.2015	0.1882	Ave		0.1852			0.0100	4.9		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 332733

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/02/2015 18:50 Calibration End Date: 11/02/2015 21:11 Calibration ID: 53098

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD2 460-332733/17	z38200.D
Level 2	STD5 460-332733/16	z38199.D
Level 3	STD010 460-332733/15	z38198.D
Level 4	STD020 460-332733/14	z38197.D
Level 5	STD50 460-332733/11	z38194.D
Level 6	STD080 460-332733/13	z38196.D
Level 7	STD120 460-332733/12	z38195.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Benzaldehyde	DCB	Ave	473435	30399 675093	62297	128646	294639	80.0	5.00 120	10.0	20.0	50.0
Caprolactam	NPT	Ave	122725	6278 182106	14761	32932	74400	80.0	5.00 120	10.0	20.0	50.0
Atrazine	PHN	Ave	4355 154359	10872 233183	23460	48303	101704	2.00 80.0	5.00 120	10.0	20.0	50.0

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38194.D
Lims ID: std50
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 02-Nov-2015 18:50:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-011
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub13

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:24:04 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

First Level Reviewer: bayoumiw Date: 03-Nov-2015 00:09:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.930	3.930	0.000	93	294639	50.0	49.9	
* 14 1,4-Dichlorobenzene-d4	152	4.365	4.365	0.000	96	201510	40.0	40.0	
* 38 Naphthalene-d8	136	5.647	5.647	0.000	99	720174	40.0	40.0	
42 Caprolactam	113	6.071	6.071	0.000	86	74400	50.0	51.7	
* 65 Acenaphthene-d10	164	7.406	7.406	0.000	97	309516	40.0	40.0	
83 Atrazine	200	8.600	8.600	0.000	90	101704	50.0	50.8	
* 87 Phenanthrene-d10	188	8.877	8.877	0.000	99	432357	40.0	40.0	
* 102 Chrysene-d12	240	11.665	11.665	0.000	99	209014	40.0	40.0	
* 109 Perylene-d12	264	13.612	13.612	0.000	98	146570	40.0	40.0	

Reagents:

SV_IC-S_L6_00015 Amount Added: 1.00 Units: mL

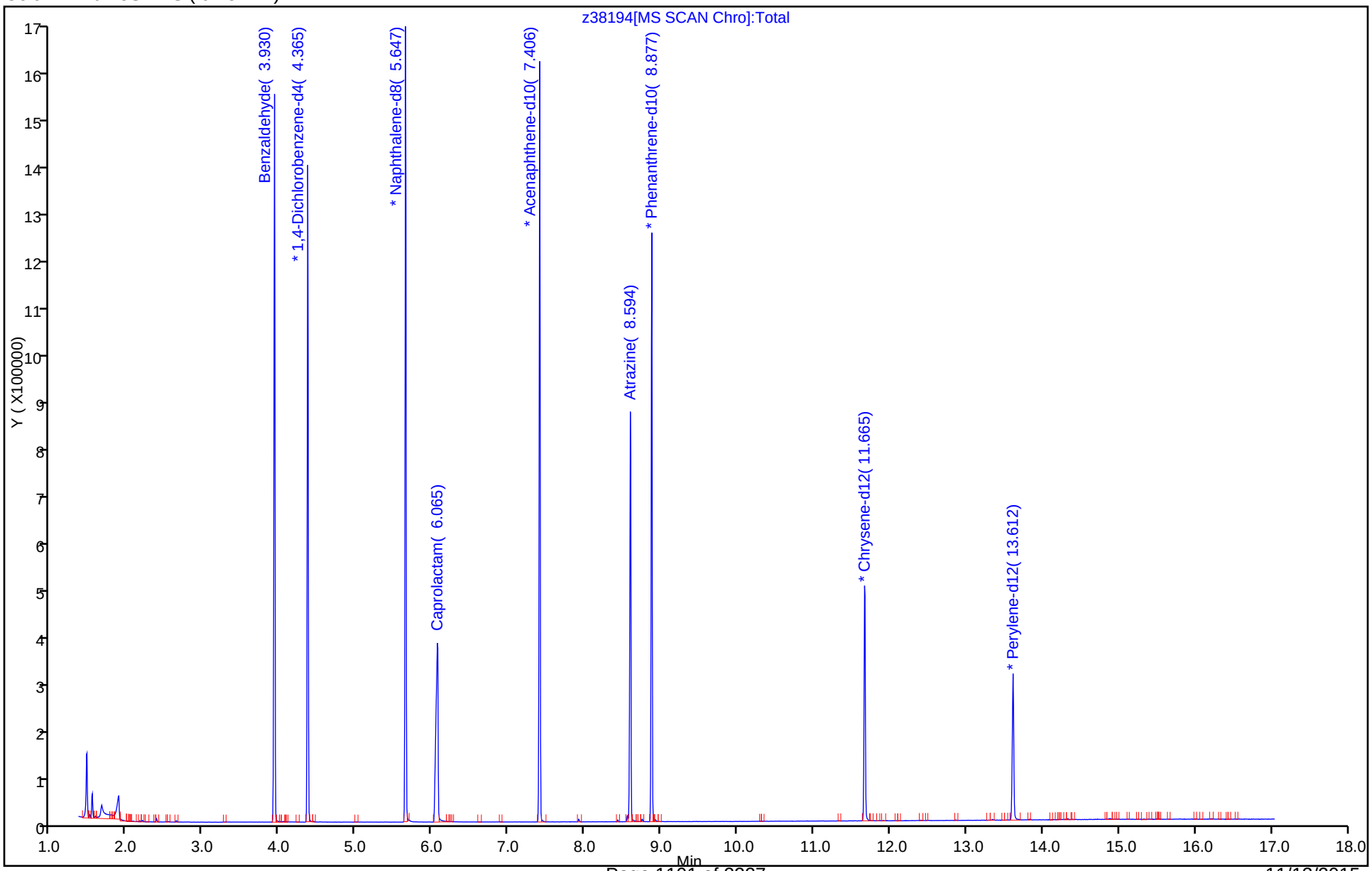
Report Date: 03-Nov-2015 00:24:05 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38194.D

Injection Date:	02-Nov-2015 18:50:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	std50			Worklist Smp#:	11
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38195.D
Lims ID: std120
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 02-Nov-2015 19:14:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-012
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub13

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:24:07 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

First Level Reviewer: bayoumiw Date: 03-Nov-2015 00:09:17

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.942	3.930	0.012	93	675093	120.0	118.9	
* 14 1,4-Dichlorobenzene-d4	152	4.365	4.365	0.000	96	193798	40.0	40.0	
* 38 Naphthalene-d8	136	5.647	5.647	0.000	99	699545	40.0	40.0	
42 Caprolactam	113	6.094	6.071	0.023	86	182106	120.0	130.2	
* 65 Acenaphthene-d10	164	7.406	7.406	0.000	96	301104	40.0	40.0	
83 Atrazine	200	8.606	8.600	0.006	87	233183	120.0	117.8	
* 87 Phenanthrene-d10	188	8.876	8.877	-0.001	99	427576	40.0	40.0	
* 102 Chrysene-d12	240	11.670	11.665	0.005	99	219544	40.0	40.0	
* 109 Perylene-d12	264	13.617	13.612	0.005	98	157576	40.0	40.0	

Reagents:

SV_IC-S_L8_00004 Amount Added: 1.00 Units: mL

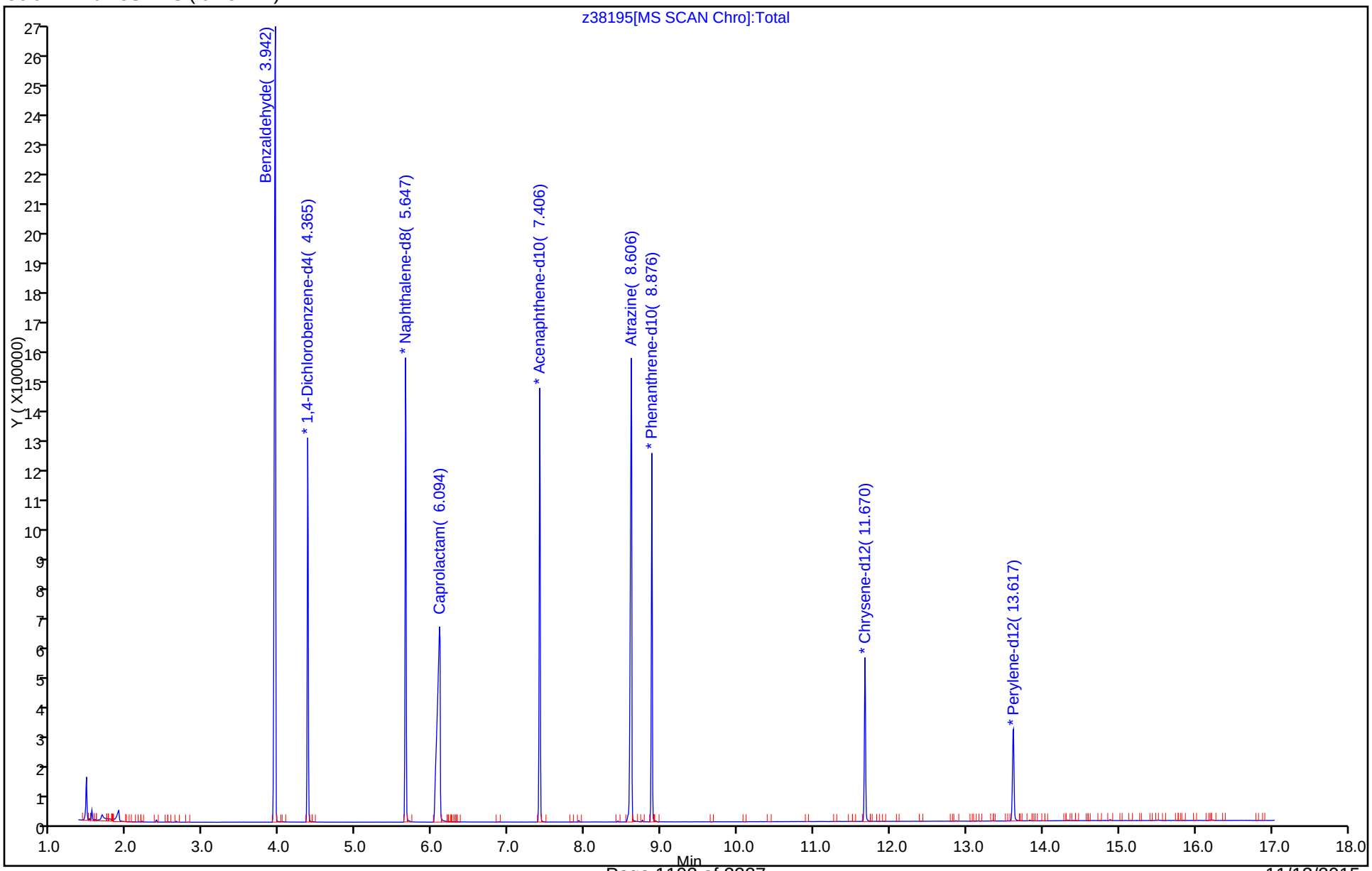
Report Date: 03-Nov-2015 00:24:07 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38195.D

Injection Date:	02-Nov-2015 19:14:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	std120			Worklist Smp#:	12
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38196.D
Lims ID: std080
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 02-Nov-2015 19:37:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-013
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub13

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:24:09 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.936	3.930	0.006	94	473435	80.0	78.7	
* 14 1,4-Dichlorobenzene-d4	152	4.365	4.365	0.000	96	205422	40.0	40.0	
* 38 Naphthalene-d8	136	5.647	5.647	0.000	99	741787	40.0	40.0	
42 Caprolactam	113	6.083	6.071	0.012	86	122725	80.0	82.8	
* 65 Acenaphthene-d10	164	7.406	7.406	0.000	97	318829	40.0	40.0	
83 Atrazine	200	8.606	8.600	0.006	90	154359	80.0	75.6	
* 87 Phenanthrene-d10	188	8.877	8.877	0.000	99	440760	40.0	40.0	
* 102 Chrysene-d12	240	11.671	11.665	0.006	99	233529	40.0	40.0	
* 109 Perylene-d12	264	13.618	13.612	0.006	98	164841	40.0	40.0	

Reagents:

SV_IC-S_L7_00004 Amount Added: 1.00 Units: mL

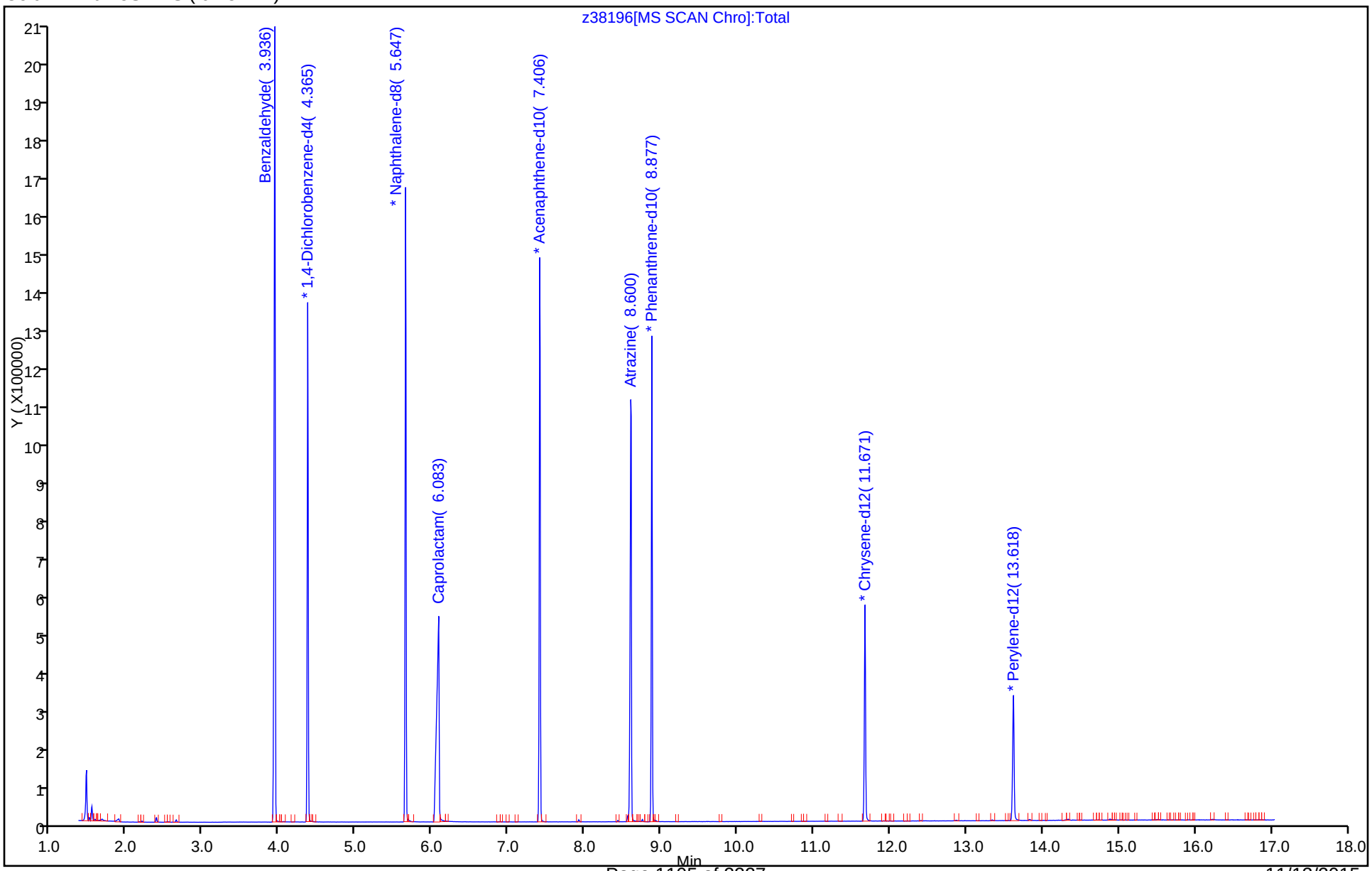
Report Date: 03-Nov-2015 00:24:10 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38196.D

Injection Date:	02-Nov-2015 19:37:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	std080			Worklist Smp#:	13
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38197.D
Lims ID: std020
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 02-Nov-2015 20:00:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-014
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub13

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:24:11 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.924	3.930	-0.006	93	128646	20.0	21.0	
* 14 1,4-Dichlorobenzene-d4	152	4.365	4.365	0.000	96	209629	40.0	40.0	
* 38 Naphthalene-d8	136	5.647	5.647	0.000	99	761760	40.0	40.0	
42 Caprolactam	113	6.053	6.071	-0.018	86	32932	20.0	21.6	
* 65 Acenaphthene-d10	164	7.406	7.406	0.000	97	329473	40.0	40.0	
83 Atrazine	200	8.594	8.600	-0.006	89	48303	20.0	21.8	
* 87 Phenanthrene-d10	188	8.876	8.877	-0.001	99	479482	40.0	40.0	
* 102 Chrysene-d12	240	11.670	11.665	0.005	99	229358	40.0	40.0	
* 109 Perylene-d12	264	13.617	13.612	0.005	98	155256	40.0	40.0	

Reagents:

SV_IC-S_L5_00007 Amount Added: 1.00 Units: mL

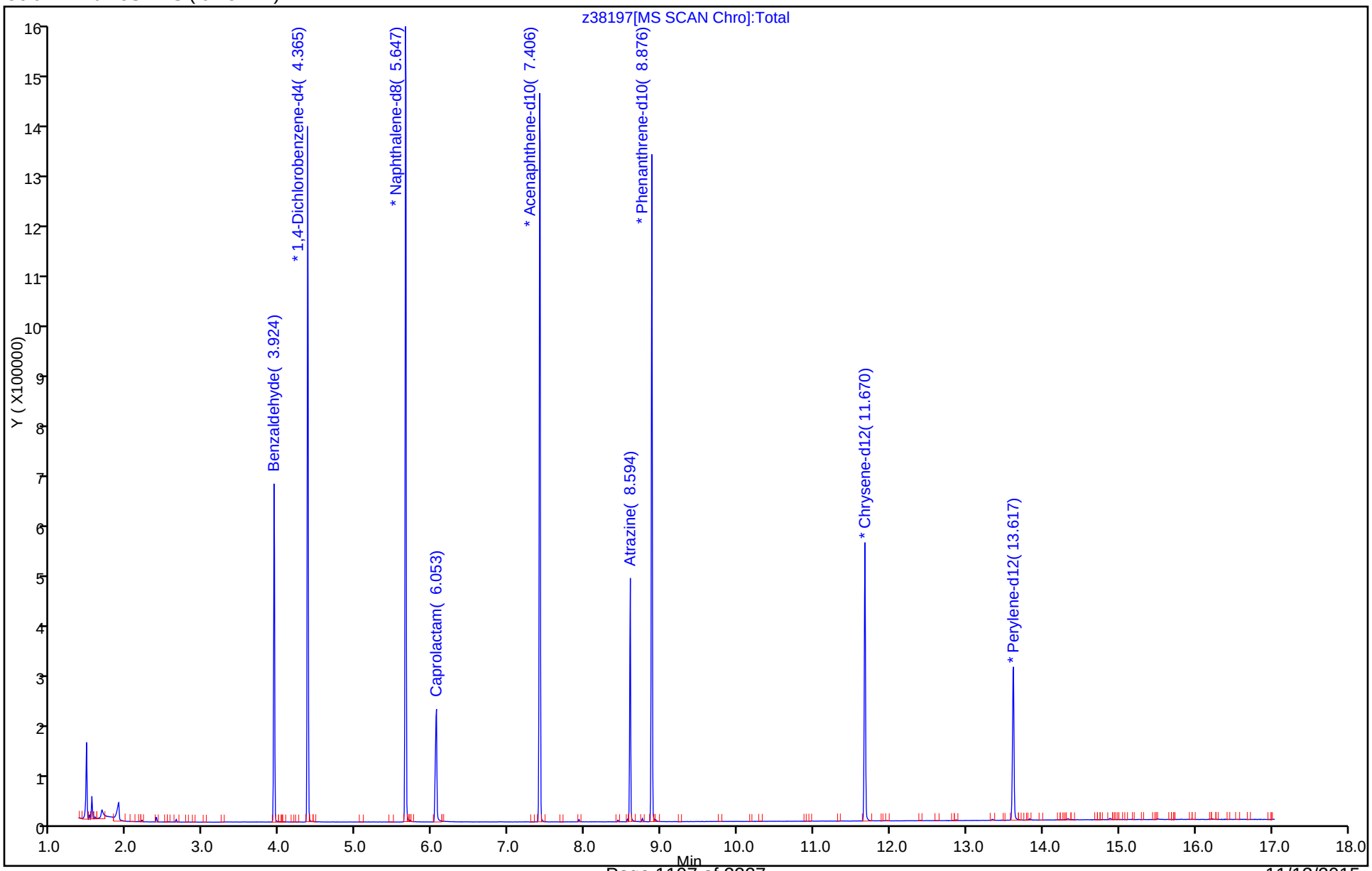
Report Date: 03-Nov-2015 00:24:12 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38197.D

Injection Date:	02-Nov-2015 20:00:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	std020			Worklist Smp#:	14
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38198.D
Lims ID: std010
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 02-Nov-2015 20:24:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-015
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub13

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:24:14 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

First Level Reviewer: bayoumiw Date: 03-Nov-2015 00:09:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.924	3.930	-0.006	93	62297	10.0	9.71	
* 14 1,4-Dichlorobenzene-d4	152	4.365	4.365	0.000	96	218938	40.0	40.0	
* 38 Naphthalene-d8	136	5.647	5.647	0.000	99	799274	40.0	40.0	
42 Caprolactam	113	6.041	6.071	-0.030	86	14761	10.0	9.24	
* 65 Acenaphthene-d10	164	7.406	7.406	0.000	97	346129	40.0	40.0	
83 Atrazine	200	8.588	8.600	-0.012	89	23460	10.0	9.87	
* 87 Phenanthrene-d10	188	8.876	8.877	-0.001	99	513293	40.0	40.0	
* 102 Chrysene-d12	240	11.670	11.665	0.005	99	244558	40.0	40.0	
* 109 Perylene-d12	264	13.617	13.612	0.005	97	168910	40.0	40.0	

Reagents:

SV_IC-S_L4_00019 Amount Added: 1.00 Units: mL

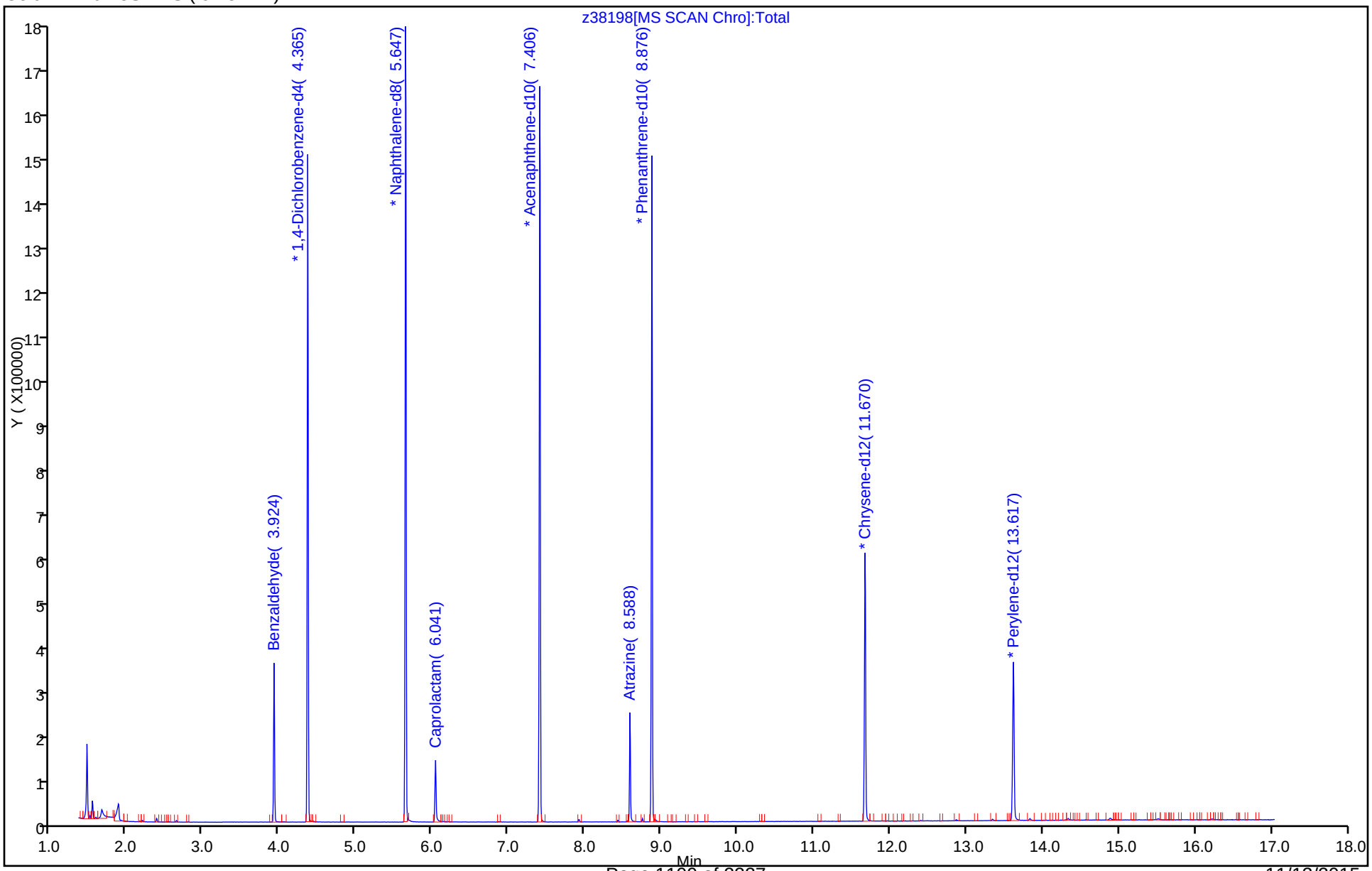
Report Date: 03-Nov-2015 00:24:15 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38198.D

Injection Date:	02-Nov-2015 20:24:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	std010			Worklist Smp#:	15
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38199.D
Lims ID: std5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 02-Nov-2015 20:48:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-016
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub13

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:24:16 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

First Level Reviewer: bayoumiw Date: 03-Nov-2015 00:09:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.924	3.930	-0.006	94	30399	5.00	5.04	
* 14 1,4-Dichlorobenzene-d4	152	4.365	4.365	0.000	96	205989	40.0	40.0	
* 38 Naphthalene-d8	136	5.647	5.647	0.000	99	746574	40.0	40.0	
42 Caprolactam	113	6.036	6.071	-0.035	87	6278	5.00	4.21	
* 65 Acenaphthene-d10	164	7.406	7.406	0.000	97	317573	40.0	40.0	
83 Atrazine	200	8.588	8.600	-0.012	89	10872	5.00	5.14	
* 87 Phenanthrene-d10	188	8.876	8.877	-0.001	99	456630	40.0	40.0	
* 102 Chrysene-d12	240	11.670	11.665	0.005	99	206103	40.0	40.0	
* 109 Perylene-d12	264	13.617	13.612	0.005	98	144622	40.0	40.0	

Reagents:

SV_IC-S_L3_00008 Amount Added: 1.00 Units: mL

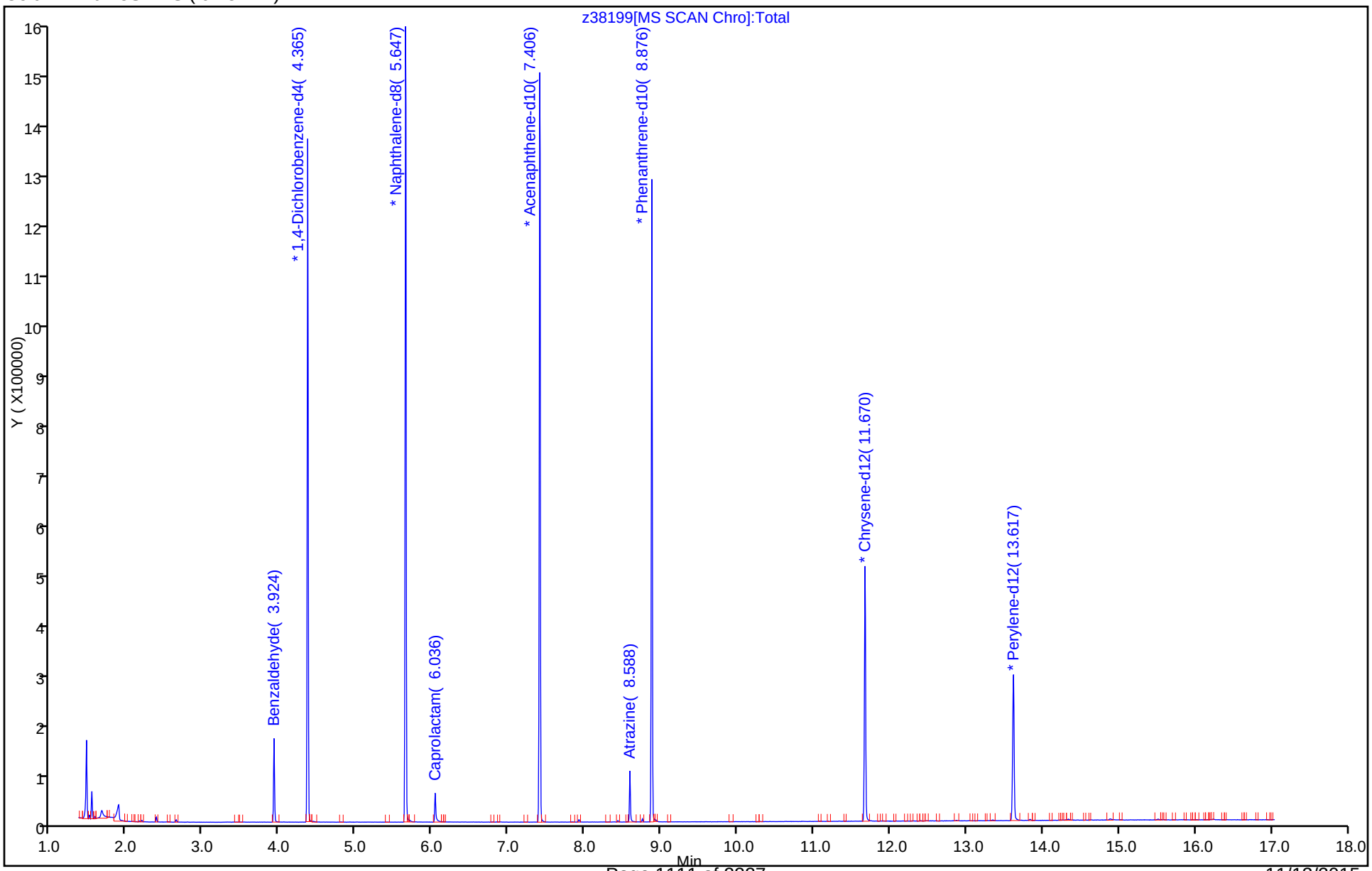
Report Date: 03-Nov-2015 00:24:17 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38199.D

Injection Date:	02-Nov-2015 20:48:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	std5			Worklist Smp#:	16
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D
Lims ID: std2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Nov-2015 21:11:30 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-017
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub13

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:24:19 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

First Level Reviewer: bayoumiw Date: 03-Nov-2015 00:10:04

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.365	4.365	0.000	97	216880	40.0	40.0	
* 38 Naphthalene-d8	136	5.647	5.647	0.000	99	781693	40.0	40.0	
* 65 Acenaphthene-d10	164	7.406	7.406	0.000	97	339477	40.0	40.0	
83 Atrazine	200	8.588	8.600	-0.012	89	4355	2.00	1.91	
* 87 Phenanthrene-d10	188	8.877	8.877	0.000	99	493499	40.0	40.0	
* 102 Chrysene-d12	240	11.670	11.665	0.005	99	238062	40.0	40.0	
* 109 Perylene-d12	264	13.617	13.612	0.005	98	155500	40.0	40.0	

Reagents:

SV_IC-S_L2_00007 Amount Added: 1.00 Units: mL

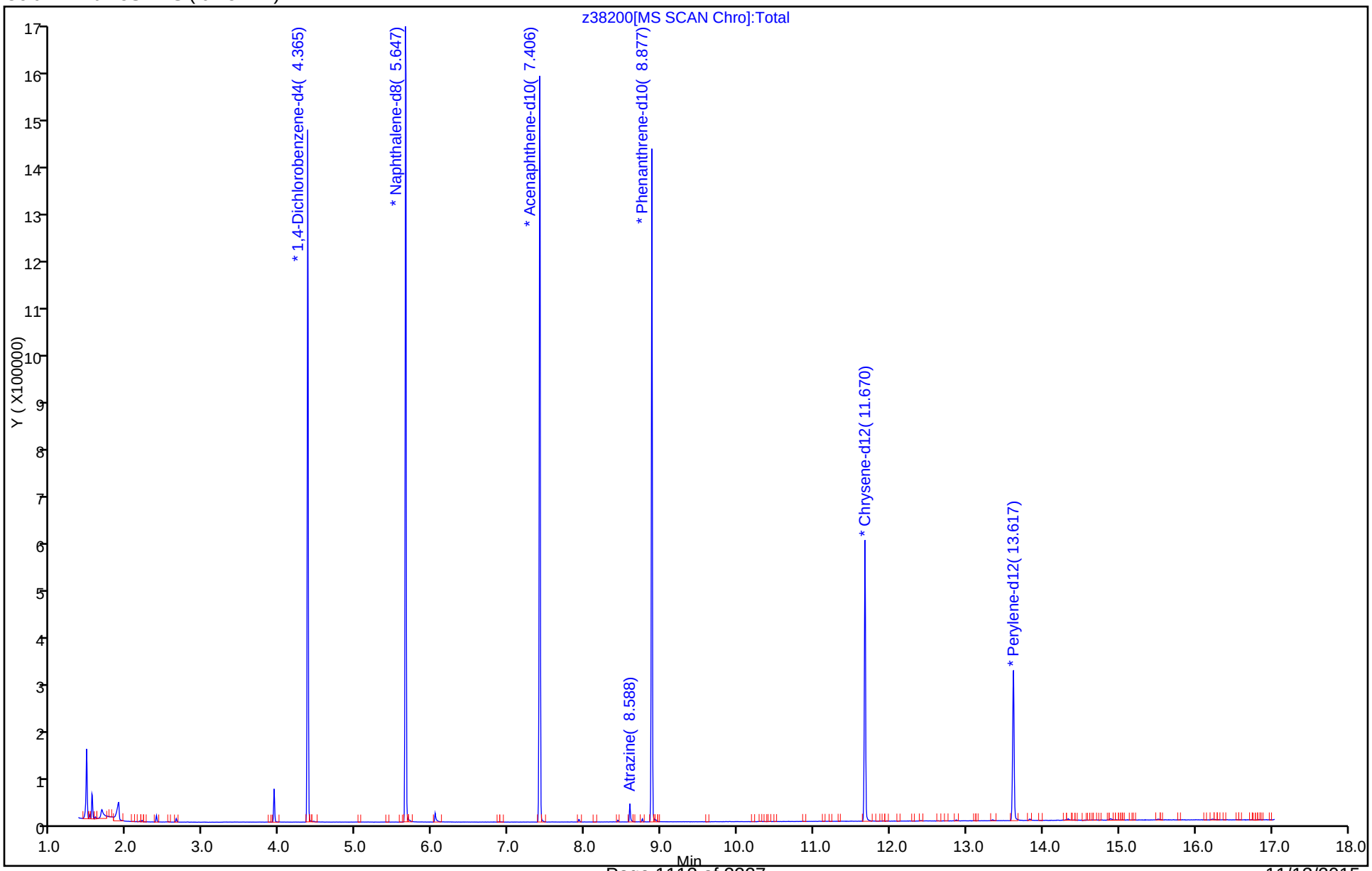
Report Date: 03-Nov-2015 00:24:20 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Injection Date:	02-Nov-2015 21:11:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	std2			Worklist Smp#:	17
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 329806

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2015 14:24 Calibration End Date: 10/19/2015 17:45 Calibration ID: 52863

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-329806/10	L127031.D
Level 2	STD1 460-329806/9	L127030.D
Level 3	STD2 460-329806/8	L127029.D
Level 4	STD5 460-329806/7	L127028.D
Level 5	STD10 460-329806/6	L127027.D
Level 6	STD20 460-329806/5	L127026.D
Level 7	ICIS 460-329806/2	L127023.D
Level 8	STD80 460-329806/4	L127025.D
Level 9	STD120 460-329806/3	L127024.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.4661	0.4797	0.4544	0.4704 0.4793	0.4395	Ave		0.4649				3.3		20.0			
N-Nitrosodimethylamine	0.6598	0.6700	0.6622	0.6349 0.6836	0.6751	Ave		0.6643				2.5		20.0			
Pyridine	1.1601	1.1820	1.1631	1.1077 1.1946	1.1987	Ave		1.1677				2.9		20.0			
Phenol	1.4351	1.3916	1.4193	1.3709 1.4384	1.5212	Ave		1.4294			0.8000	3.6		20.0			
Aniline	1.7795	1.6882	1.7487	1.6914 1.7750	1.8452	Ave		1.7547				3.4		20.0			
Bis(2-chloroethyl)ether	1.1810 1.1054	1.1522 1.0845	1.1604 1.0987	1.1010 1.1091	1.1812	Ave		1.1304			0.7000	3.4		20.0			
2-Chlorophenol	1.3228	1.2952	1.2911	1.3167 1.3015	1.3818	Ave		1.3182			0.8000	2.5		20.0			
n-Decane	1.9540	2.0348	1.9488	1.9001 2.0300	2.0134	Ave		1.9802				2.7		20.0			
1,3-Dichlorobenzene	1.5135	1.5183	1.5202	1.5189 1.5539	1.5871	Ave		1.5353				1.9		20.0			
1,4-Dichlorobenzene	1.5557	1.5327	1.5421	1.4853 1.5600	1.6428	Ave		1.5531				3.3		20.0			
Benzyl alcohol	0.7430	0.6996	0.7545	0.7194 0.7348	0.7923	Ave		0.7406				4.3		20.0			
1,2-Dichlorobenzene	1.4674	1.4205	1.4491	1.4075 1.4625	1.5395	Ave		1.4577				3.2		20.0			
2-Methylphenol	1.0866	1.0049	1.0476	1.0544 1.0146	1.1087	Ave		1.0528			0.7000	3.8		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 329806

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2015 14:24 Calibration End Date: 10/19/2015 17:45 Calibration ID: 52863

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2,2'-oxybis[1-chloropropane]	2.2504	2.1250	2.1821	2.1652 2.1786	2.3499	Ave		2.2085			0.0100	3.6		20.0			
3 & 4 Methylphenol	1.2089	1.0947	1.1753	1.1799 1.1333	1.2137	Ave		1.1676				3.9		20.0			
4-Methylphenol	1.2089	1.0947	1.1753	1.1799 1.1333	1.2137	Ave		1.1676			0.6000	3.9		20.0			
N-Nitrosodi-n-propylamine	0.7882 0.8113	0.7423 0.7222	0.8019 0.7873	0.7591 0.7484	0.8001	Ave		0.7734			0.5000	4.0		20.0			
Acetophenone	1.5977	1.4308	1.5344	1.4510 1.4778	1.6032	Ave		1.5158			0.0100	4.9		20.0			
Hexachloroethane	0.6246 0.6125	0.6504 0.5951	0.5976 0.5968	0.5581 0.6019	0.6235	Ave		0.6067			0.3000	4.2		20.0			
Nitrobenzene	0.4776 0.4894	0.4835 0.5038	0.4805 0.4841	0.4697 0.5156	0.4876	Ave		0.4880			0.2000	2.8		20.0			
n,n'-Dimethylaniline	1.7787 1.8522	1.7119 1.7899	1.7953 1.8480	1.7854 1.8414	1.7754	Ave		1.7976				2.5		20.0			
Isophorone	0.5822	0.5232	0.5624 0.5415	0.5321 0.5354	0.5804	Ave		0.5510			0.4000	4.3		20.0			
2-Nitrophenol	0.1943	0.1949	0.1919	0.1845 0.1966	0.1940	Ave		0.1927			0.1000	2.2		20.0			
2,4-Dimethylphenol	0.3018	0.2903	0.2875	0.2901 0.2980	0.3082	Ave		0.2960			0.2000	2.7		20.0			
Benzoic acid	0.1366	0.1376	0.1620	0.0544 0.1607	0.1220	Lin2	-0.519	0.1627			0.0100				0.9950		0.9900
Bis(2-chloroethoxy)methane	0.3557	0.3410	0.3467	0.3263 0.3477	0.3714	Ave		0.3481			0.3000	4.3		20.0			
2,4-Dichlorophenol	0.2983	0.2842	0.2889	0.2748 0.2906	0.3076	Ave		0.2907			0.2000	3.9		20.0			
1,2,4-Trichlorobenzene	0.3351 0.3413	0.3275 0.3401	0.3252 0.3353	0.3218 0.3407	0.3454	Ave		0.3347				2.4		20.0			
Naphthalene	1.0273	1.0102	0.9959	0.9953 1.0232	1.0659	Ave		1.0196			0.7000	2.6		20.0			
4-Chloroaniline	0.4170	0.3871	0.3982	0.3847 0.3958	0.4263	Ave		0.4015			0.0100	4.1		20.0			
Hexachlorobutadiene	0.1993	0.1757 0.2026	0.1929 0.2015	0.1885 0.2068	0.2065	Ave		0.1967			0.0100	5.4		20.0			
4-Chloro-3-methylphenol	0.2579	0.2302	0.2478	0.2332 0.2388	0.2589	Ave		0.2445			0.2000	5.1		20.0			
2-Methylnaphthalene	0.6906	0.6458	0.6644	0.6502 0.6568	0.7061	Ave		0.6690			0.4000	3.6		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 329806

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2015 14:24 Calibration End Date: 10/19/2015 17:45 Calibration ID: 52863

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1-Methylnaphthalene	0.5986	0.5494	0.5724	0.5579 0.5634	0.6099	Ave		0.5753				4.2		20.0			
Hexachlorocyclopentadiene	0.4530	0.5235	0.4960	0.4175 0.5417	0.4609	Ave		0.4821			0.0500	9.7		20.0			
1,2,4,5-Tetrachlorobenzene	0.6903	0.7501	0.6975	0.6764 0.7496	0.6998	Ave		0.7106			0.0100	4.4		20.0			
2-tertbutyl-4-methylphenol	0.4551	0.4250	0.4429	0.4218 0.4378	0.4261	Ave		0.4348				3.0		20.0			
2,4,6-Trichlorophenol	0.4266	0.4553	0.4207 0.4408	0.4123 0.4546	0.4391	Ave		0.4356			0.2000	3.8		20.0			
2,4,5-Trichlorophenol	0.4529	0.4625	0.4615	0.4320 0.4781	0.4810	Ave		0.4613			0.2000	3.9		20.0			
Diphenyl	1.7561	1.8529	1.7441	1.7408 1.8276	1.7995	Ave		1.7868			0.0100	2.6		20.0			
2-Chloronaphthalene	1.3673	1.4014	1.3321	1.3229 1.3974	1.3964	Ave		1.3696			0.8000	2.5		20.0			
Phenyl ether	0.8844	0.9707	0.9011	0.8746 0.9593	0.8454	Ave		0.9059				5.4		20.0			
2-Nitroaniline	0.4671	0.4557	0.4655	0.4411 0.4789	0.4699	Ave		0.4630			0.0100	2.8		20.0			
1,3-Dimethylnaphthalene	1.0953	1.1729	1.0765	1.1057 1.1572	1.0718	Ave		1.1132				3.8		20.0			
Dimethyl phthalate	1.3642	1.2319	1.3168	1.2517 1.3056	1.4661	Ave		1.3227			0.0100	6.4		20.0			
Coumarin	0.1897	0.1575	0.1891	0.1753 0.1765	0.1844	Ave		0.1788				6.7		20.0			
2,6-Dinitrotoluene	0.3246	0.2536 0.3003	0.2932 0.3129	0.2994 0.3119	0.3406	Ave		0.3046			0.2000	8.4		20.0			
Acenaphthylene	2.0283	2.0263	1.9910	1.9340 2.0506	2.1027	Ave		2.0222			0.9000	2.8		20.0			
3-Nitroaniline	0.3222	0.2865	0.3226	0.2849 0.3177	0.3568	Ave		0.3151			0.0100	8.5		20.0			
3,5-di-tert-butyl-4-hydroxytol	1.1820	1.2359	1.2171	1.0990 1.2787	1.1348	Ave		1.1912				5.6		20.0			
Acenaphthene	1.4082	1.3908	1.3160	1.2608 1.3194	1.4637	Ave		1.3598			0.9000	5.4		20.0			
2,4-Dinitrophenol	0.1625	0.1669	0.0514 +++++	0.0936 +++++	0.1618	Lin	-0.483	0.1723			0.0100				0.9990		0.9900
4-Nitrophenol	0.2131	0.2007	0.2423	0.1657 0.2416	0.2318	Ave		0.2159			0.0100	13.7		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 329806

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2015 14:24 Calibration End Date: 10/19/2015 17:45 Calibration ID: 52863

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2,4-Dinitrotoluene	0.3995	0.3119 0.3454	0.3477 0.3988	0.3345 0.3895	0.4416	Lin2	-0.082	0.3904			0.2000				0.9910		0.9900
Dibenzofuran	1.8240	1.7294	1.7758	1.7283 1.8047	1.9172	Ave		1.7966			0.8000	3.9		20.0			
2,3,4,6-Tetrachlorophenol	0.3519	0.3231	0.3497	0.2837 0.3489	0.3586	Ave		0.3360			0.0100	8.4		20.0			
Diethyl phthalate	1.3337	1.1320	1.2896	1.1873 1.2577	1.4674	Ave		1.2780			0.0100	9.2		20.0			
4-Chlorophenyl phenyl ether	0.6670	0.6237	0.6537	0.6094 0.6555	0.6980	Ave		0.6512			0.4000	4.8		20.0			
Fluorene	1.4441	1.3579	1.4320	1.3421 1.4503	1.5233	Ave		1.4249			0.9000	4.7		20.0			
4-Nitroaniline	0.3023	0.2688	0.3181	0.2381 0.3079	0.3420	Ave		0.2962			0.0100	12.5		20.0			
4,6-Dinitro-2-methylphenol	0.1341	0.1433	0.0704 0.1516	0.0994 0.1520	0.1263	Lin2	-0.329	0.1462			0.0100				0.9960		0.9900
N-Nitrosodiphenylamine	0.6160	0.6547	0.5896 0.5995	0.6024 0.6305	0.6125	Ave		0.6150			0.0100	3.6		20.0			
1,2-Diphenylhydrazine	0.7910	0.8697	0.7880	0.7826 0.8175	0.7904	Ave		0.8065				4.1		20.0			
4-Bromophenyl phenyl ether	0.2408	0.2538	0.2384	0.2319 0.2446	0.2368	Ave		0.2411			0.1000	3.1		20.0			
Hexachlorobenzene	0.2936 0.2793	0.2535 0.2837	0.2576 0.2666	0.2572 0.2734	0.2746	Ave		0.2711			0.1000	5.0		20.0			
Pentachlorophenol	0.1574	0.1642	0.1134 0.1704	0.1299 0.1710	0.1538	Ave		0.1514			0.0500	14.4		20.0			
Pentachloronitrobenzene	0.1065	0.1103	0.1082	0.0991 0.1107	0.1034	Ave		0.1064			0.0100	4.2		20.0			
n-Octadecane	0.6079	0.6865	0.6142	0.5726 0.6426	0.6072	Ave		0.6218				6.2		20.0			
Phenanthrene	1.1624	1.1622	1.1539	1.1275 1.1651	1.1900	Ave		1.1602			0.7000	1.7		20.0			
Anthracene	1.1637	1.1788	1.1713	1.1211 1.1893	1.2118	Ave		1.1727			0.7000	2.6		20.0			
Carbazole	0.9879	0.9445	1.0129	0.9036 0.9859	1.0690	Ave		0.9840			0.0100	5.8		20.0			
Di-n-butyl phthalate	1.1907	1.0825	1.2350	1.0355 1.1864	1.2865	Ave		1.1694			0.0100	8.0		20.0			
Fluoranthene	1.0812	1.0087	1.1722	0.9660 1.1233	1.1933	Ave		1.0908			0.6000	8.3		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 329806

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2015 14:24 Calibration End Date: 10/19/2015 17:45 Calibration ID: 52863

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Benzidine	0.5830	0.4801	0.7771	0.4806 0.7746	0.5874	Ave		0.6138				21.8	*	20.0			
Pyrene	1.4943	1.4262	1.2191	1.4833 1.1861	1.4301	Ave		1.3732			0.6000	9.9		20.0			
Bisphenol-A	0.5607	0.5312	0.5449	0.5246 0.5267	0.5890	Ave		0.5462				4.6		20.0			
Butyl benzyl phthalate	0.5734	0.5680	0.5596	0.5400 0.5479	0.5848	Ave		0.5623			0.0100	3.0		20.0			
2,3,7,8-TCDD		0.1461				Ave		0.1461						20.0			
Carbamazepine	0.5081	0.5840	0.5594	0.4548 0.6280	0.4760	Lin2	-0.768	0.5851			0.0100				0.9940		0.9900
3,3'-Dichlorobenzidine	0.4820	0.4709	0.3462 0.4905	0.4160 0.5350	0.4040	Ave		0.4492			0.0100	14.2		20.0			
Benzo[a]anthracene	1.3689 1.1717	1.2294 1.1752	1.1621 1.1428	1.0969 1.1862	1.2028	Ave		1.1929			0.8000	6.3		20.0			
Bis(2-ethylhexyl) phthalate	0.7869	0.7855	0.8010	0.7392 0.7722	0.8011	Ave		0.7810			0.0100	3.0		20.0			
Chrysene	1.0850	1.0789	1.0606	1.0716 1.0888	1.1106	Ave		1.0826			0.7000	1.6		20.0			
Di-n-octyl phthalate	1.2029	1.1481	1.2938	1.0953 1.1820	1.3267	Ave		1.2081			0.0100	7.3		20.0			
Benzo[b]fluoranthene	0.9805 1.0842	1.0310 1.0888	1.0571 1.1406	1.0383 1.1599	1.1768	Ave		1.0841			0.7000	6.0		20.0			
Benzo[k]fluoranthene	1.0679 1.1381	1.0987 1.0895	1.0592 1.1579	1.0511 1.1295	1.1846	Ave		1.1085			0.7000	4.2		20.0			
Benzo[a]pyrene	0.9615 1.0961	1.0148 1.1005	1.0062 1.1293	1.0353 1.1448	1.1205	Ave		1.0677			0.7000	6.0		20.0			
Indeno[1,2,3-cd]pyrene	0.9646 1.1965	1.1231 1.3858	1.1575 1.2304	1.1244 1.3327	1.0921	Ave		1.1786			0.5000	10.8		20.0			
Dibenz(a,h)anthracene	1.1231 1.1597	1.0836 1.3500	1.1209 1.1592	1.1358 1.2207	1.1215	Ave		1.1638			0.4000	6.8		20.0			
Benzo[g,h,i]perylene	1.1933	1.4104	1.1708	1.2111 1.2341	1.1338	Ave		1.2256			0.5000	7.9		20.0			
2-Fluorophenol	1.2560	1.1949 1.2647	1.0086 1.2771	1.1300 1.2478	1.2513	Ave		1.2038				7.7		20.0			
Phenol-d5	1.5150	1.4315 1.4086	1.3366 1.4756	1.2877 1.4144	1.5272	Ave		1.4246				5.8		20.0			
Nitrobenzene-d5	0.3627 0.3837	0.3660 0.3734	0.3239 0.3826	0.3334 0.3739	0.3855	Ave		0.3650				6.1		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 329806

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2015 14:24 Calibration End Date: 10/19/2015 17:45 Calibration ID: 52863

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2-Fluorobiphenyl	1.6604 1.6428	1.6207 1.7088	1.4247 1.6925	1.4867 1.7048	1.6707	Ave		1.6236				6.2		20.0			
2,4,6-Tribromophenol	 0.2427	0.1422 0.2107	0.1780 0.2464	0.1829 0.2317	0.2463	Lin2	-0.098	0.2331			0.0100				0.9920		0.9900
Terphenyl-d14	0.8945 1.0174	0.9221 0.9546	0.8952 0.9001	0.9246 0.8193	0.9718	Ave		0.9222				6.1		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 329806

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2015 14:24 Calibration End Date: 10/19/2015 17:45 Calibration ID: 52863

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-329806/10	L127031.D
Level 2	STD1 460-329806/9	L127030.D
Level 3	STD2 460-329806/8	L127029.D
Level 4	STD5 460-329806/7	L127028.D
Level 5	STD10 460-329806/6	L127027.D
Level 6	STD20 460-329806/5	L127026.D
Level 7	ICIS 460-329806/2	L127023.D
Level 8	STD80 460-329806/4	L127025.D
Level 9	STD120 460-329806/3	L127024.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCB	Ave	27946	81773	98920	7435 158416	12796	20.0	50.0	80.0	5.00 120	10.0
N-Nitrosodimethylamine	DCB	Ave	39557	114220	144149	10035 225979	19655	20.0	50.0	80.0	5.00 120	10.0
Pyridine	DCB	Ave	69550	201496	253170	17508 394862	34900	20.0	50.0	80.0	5.00 120	10.0
Phenol	DCB	Ave	86040	237231	308943	21668 475447	44289	20.0	50.0	80.0	5.00 120	10.0
Aniline	DCB	Ave	106689	287785	380650	26733 586737	53720	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethyl)ether	DCB	Ave	2288 66274	4101 184872	8190 239149	17402 366601	34388	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Chlorophenol	DCB	Ave	79305	220796	281028	20810 430200	40229	20.0	50.0	80.0	5.00 120	10.0
n-Decane	DCB	Ave	117153	346862	424193	30032 671006	58619	20.0	50.0	80.0	5.00 120	10.0
1,3-Dichlorobenzene	DCB	Ave	90739	258830	330899	24006 513636	46205	20.0	50.0	80.0	5.00 120	10.0
1,4-Dichlorobenzene	DCB	Ave	93272	261274	335674	23475 515662	47828	20.0	50.0	80.0	5.00 120	10.0
Benzyl alcohol	DCB	Ave	44544	119262	164235	11370 242879	23067	20.0	50.0	80.0	5.00 120	10.0
1,2-Dichlorobenzene	DCB	Ave	87974	242150	315419	22245 483430	44821	20.0	50.0	80.0	5.00 120	10.0
2-Methylphenol	DCB	Ave	65149	171302	228036	16665 335361	32278	20.0	50.0	80.0	5.00 120	10.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	134921	362250	474967	34221 720124	68413	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 329806

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2015 14:24 Calibration End Date: 10/19/2015 17:45 Calibration ID: 52863

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
3 & 4 Methylphenol	DCB	Ave	72477	186620	255818	18648 374614	35335	20.0	50.0	80.0	5.00 120	10.0
4-Methylphenol	DCB	Ave	72477	186620	255818	18648 374614	35335	20.0	50.0	80.0	5.00 120	10.0
N-Nitrosodi-n-propylamine	DCB	Ave	1527 48641	2642 123112	5660 171368	11997 247380	23295	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acetophenone	DCB	Ave	95787	243914	333997	22933 488495	46675	20.0	50.0	80.0	5.00 120	10.0
Hexachloroethane	DCB	Ave	1210 36721	2315 101438	4218 129901	8821 198959	18152	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene	NPT	Ave	3064 102168	5899 271845	11950 365456	25467 552465	49364	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
n,n'-Dimethylaniline	DCB	Ave	3446 111045	6093 305129	12671 402265	28218 608663	51689	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Isophorone	NPT	Ave	121545	282343	13988 408786	28849 573687	58750	20.0	50.0	2.00 80.0	5.00 120	10.0
2-Nitrophenol	NPT	Ave	40571	105158	144863	10004 210644	19639	20.0	50.0	80.0	5.00 120	10.0
2,4-Dimethylphenol	NPT	Ave	62999	156636	217034	15727 319332	31201	20.0	50.0	80.0	5.00 120	10.0
Benzoic acid	NPT	Lin2	28506	74274	122328	2949 172203	12345	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethoxy)methane	NPT	Ave	74257	184002	261721	17689 372585	37592	20.0	50.0	80.0	5.00 120	10.0
2,4-Dichlorophenol	NPT	Ave	62265	153359	218057	14900 311405	31142	20.0	50.0	80.0	5.00 120	10.0
1,2,4-Trichlorobenzene	NPT	Ave	2150 71250	3995 183519	8087 253150	17444 365088	34963	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Naphthalene	NPT	Ave	214450	545128	751792	53963 1096379	107903	20.0	50.0	80.0	5.00 120	10.0
4-Chloroaniline	NPT	Ave	87041	208895	300640	20857 424128	43153	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobutadiene	NPT	Ave	41610	2143 109335	4797 152112	10221 221581	20904	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
4-Chloro-3-methylphenol	NPT	Ave	53838	124196	187070	12644 255899	26206	20.0	50.0	80.0	5.00 120	10.0
2-Methylnaphthalene	NPT	Ave	144157	348468	501582	35251 703780	71479	20.0	50.0	80.0	5.00 120	10.0
1-Methylnaphthalene	NPT	Ave	124961	296497	432082	30248 603730	61740	20.0	50.0	80.0	5.00 120	10.0
Hexachlorocyclopentadiene	ANT	Ave	43708	109517	163684	9706 233977	21018	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 329806

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2015 14:24 Calibration End Date: 10/19/2015 17:45 Calibration ID: 52863

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,2,4,5-Tetrachlorobenzene	ANT	Ave	66609	156930	230196	15725 323784	31910	20.0	50.0	80.0	5.00 120	10.0
2-tertbutyl-4-methylphenol	NPT	Ave	95010	229328	334349	22867 469075	43129	20.0	50.0	80.0	5.00 120	10.0
2,4,6-Trichlorophenol	ANT	Ave	41162	95256	4636 145481	9584 196331	20023	20.0	50.0	2.00 80.0	5.00 120	10.0
2,4,5-Trichlorophenol	ANT	Ave	43705	96764	152295	10042 206499	21933	20.0	50.0	80.0	5.00 120	10.0
Diphenyl	ANT	Ave	169453	387656	575615	40468 789373	82057	20.0	50.0	80.0	5.00 120	10.0
2-Chloronaphthalene	ANT	Ave	131935	293188	439646	30754 603577	63674	20.0	50.0	80.0	5.00 120	10.0
Phenyl ether	ANT	Ave	85336	203089	297389	20332 414329	38552	20.0	50.0	80.0	5.00 120	10.0
2-Nitroaniline	ANT	Ave	45068	95332	153633	10254 206840	21427	20.0	50.0	80.0	5.00 120	10.0
1,3-Dimethylnaphthalene	ANT	Ave	105684	245393	355261	25705 499825	48872	20.0	50.0	80.0	5.00 120	10.0
Dimethyl phthalate	ANT	Ave	131633	257736	434576	29098 563903	66853	20.0	50.0	80.0	5.00 120	10.0
Coumarin	NPT	Ave	39604	84994	142750	9504 189137	18668	20.0	50.0	80.0	5.00 120	10.0
2,6-Dinitrotoluene	ANT	Ave	31317	1279 62834	3231 103261	6961 134702	15532	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acenaphthylene	ANT	Ave	195714	423945	657101	44960 885674	95882	20.0	50.0	80.0	5.00 120	10.0
3-Nitroaniline	ANT	Ave	31089	59948	106479	6623 137215	16268	20.0	50.0	80.0	5.00 120	10.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	114056	258564	401684	25549 552270	51745	20.0	50.0	80.0	5.00 120	10.0
Acenaphthene	ANT	Ave	135880	290986	434309	29310 569885	66743	20.0	50.0	80.0	5.00 120	10.0
2,4-Dinitrophenol	ANT	Lin	31351	69822	1133 +++++	4354 +++++	14759	40.0	100	4.00 +++++	10.0 +++++	20.0
4-Nitrophenol	ANT	Ave	41129	83963	159956	7703 208703	21137	40.0	100	160	10.0 240	20.0
2,4-Dinitrotoluene	ANT	Lin2	38549	1573 72256	3831 131626	7776 168214	20135	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenzofuran	ANT	Ave	175997	361831	586073	40178 779466	87425	20.0	50.0	80.0	5.00 120	10.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	33955	67597	115413	6594 150699	16354	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 329806

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2015 14:24 Calibration End Date: 10/19/2015 17:45 Calibration ID: 52863

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Diethyl phthalate	ANT	Ave	128691	236826	425623	27601 543203	66915	20.0	50.0	80.0	5.00 120	10.0
4-Chlorophenyl phenyl ether	ANT	Ave	64356	130479	215725	14166 283127	31827	20.0	50.0	80.0	5.00 120	10.0
Fluorene	ANT	Ave	139342	284088	472613	31199 626400	69461	20.0	50.0	80.0	5.00 120	10.0
4-Nitroaniline	ANT	Ave	29167	56248	104978	5534 132999	15595	20.0	50.0	80.0	5.00 120	10.0
4,6-Dinitro-2-methylphenol	PHN	Lin2	41883	81302	2369 159789	6913 200385	20128	40.0	100	4.00 160	10.0 240	20.0
N-Nitrosodiphenylamine	PHN	Ave	192362	371297	19839 632085	41909 831162	97570	40.0	100	4.00 160	10.0 240	20.0
1,2-Diphenylhydrazine	PHN	Ave	123516	246619	415387	27223 538870	62958	20.0	50.0	80.0	5.00 120	10.0
4-Bromophenyl phenyl ether	PHN	Ave	37601	71963	125680	8068 161265	18862	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobenzene	PHN	Ave	1037 43615	1831 80452	4333 140543	8947 180195	21877	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Pentachlorophenol	PHN	Ave	49146	93118	3814 179635	9040 225457	24495	40.0	100	4.00 160	10.0 240	20.0
Pentachloronitrobenzene	PHN	Ave	16634	31291	57057	3447 72979	8235	20.0	50.0	80.0	5.00 120	10.0
n-Octadecane	PHN	Ave	94923	194667	323786	19917 423571	48369	20.0	50.0	80.0	5.00 120	10.0
Phenanthrene	PHN	Ave	181499	329589	608260	39218 767973	94791	20.0	50.0	80.0	5.00 120	10.0
Anthracene	PHN	Ave	181707	334280	617440	38998 783924	96529	20.0	50.0	80.0	5.00 120	10.0
Carbazole	PHN	Ave	154259	267847	533974	31431 649897	85152	20.0	50.0	80.0	5.00 120	10.0
Di-n-butyl phthalate	PHN	Ave	185932	306984	651021	36019 782021	102477	20.0	50.0	80.0	5.00 120	10.0
Fluoranthene	PHN	Ave	168819	286056	617944	33600 740436	95052	20.0	50.0	80.0	5.00 120	10.0
Benzidine	PHN	Ave	91038	136154	409659	16716 510585	46787	20.0	50.0	80.0	5.00 120	10.0
Pyrene	CRY	Ave	171524	292868	628150	33840 760567	99034	20.0	50.0	80.0	5.00 120	10.0
Bisphenol-A	CRY	Ave	64362	109072	280753	11968 337756	40788	20.0	50.0	80.0	5.00 120	10.0
Butyl benzyl phthalate	CRY	Ave	65821	116635	288313	12319 351299	40500	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 329806

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2015 14:24 Calibration End Date: 10/19/2015 17:45 Calibration ID: 52863

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,3,7,8-TCDD	CRY	Ave		300					0.500			
Carbamazepine	CRY	Lin2	58329	119919	288233	10376 402689	32965	20.0	50.0	80.0	5.00 120	10.0
3,3'-Dichlorobenzidine	CRY	Ave	55331	96709	3902 252759	9490 343061	27977	20.0	50.0	2.00 80.0	5.00 120	10.0
Benzo[a]anthracene	CRY	Ave	3105 134493	5930 241333	13098 588839	25026 760641	83296	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	90329	161302	412730	16864 495118	55479	20.0	50.0	80.0	5.00 120	10.0
Chrysene	CRY	Ave	124541	221560	546500	24449 698162	76908	20.0	50.0	80.0	5.00 120	10.0
Di-n-octyl phthalate	PRY	Ave	148657	277074	720874	25349 933219	93016	20.0	50.0	80.0	5.00 120	10.0
Benzo[b]fluoranthene	PRY	Ave	2221 133989	4775 262746	11510 635513	24028 915788	82503	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[k]fluoranthene	PRY	Ave	2419 140654	5089 262934	11533 645145	24326 891762	83051	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[a]pyrene	PRY	Ave	2178 135456	4700 265582	10956 629237	23959 903849	78558	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	2185 147871	5202 334423	12604 685581	26022 1052206	76564	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenz(a,h)anthracene	PRY	Ave	2544 143316	5019 325794	12205 645919	26285 963783	78623	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[g,h,i]perylene	PRY	Ave	147473	340362	652377	28027 974362	79492	20.0	50.0	80.0	5.00 120	10.0
2-Fluorophenol	DCB	Ave	75302	4253 215594	7119 277982	17860 412457	36431	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Phenol-d5	DCB	Ave	90828	5095 240115	9434 321197	20353 467514	44462	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene-d5	NPT	Ave	2327 80109	4465 201478	8056 288826	18075 400678	39022	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Fluorobiphenyl	ANT	Ave	4239 158521	8174 357511	15699 558582	34562 736342	76186	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2,4,6-Tribromophenol	ANT	Lin2	23415	717 44072	1961 81322	4252 100073	11229	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Terphenyl-d14	CRY	Ave	2029 116782	4448 196025	10090 463786	21095 525329	67296	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 329806

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2015 14:24 Calibration End Date: 10/19/2015 17:45 Calibration ID: 52863

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Lin2 = Linear 1/conc^2 ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127023.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 19-Oct-2015 14:24:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-002
Misc. Info.: CCVIS
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 20-Oct-2015 04:06:57 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK031

First Level Reviewer: croccom Date: 19-Oct-2015 14:54:46

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.852	1.852	0.000	95	81773	50.0	51.6	
	2 N-Nitrosodimethylamine	74	2.093	2.093	0.000	68	114220	50.0	50.4	
	3 Pyridine	79	2.128	2.128	0.000	77	201496	50.0	50.6	
$	4 2-Fluorophenol	112	3.304	3.304	0.000	93	215594	50.0	52.5	
$	6 Phenol-d5	99	4.228	4.228	0.000	95	240115	50.0	49.4	
	7 Phenol	94	4.240	4.240	0.000	97	237231	50.0	48.7	
	8 Aniline	93	4.275	4.275	0.000	98	287785	50.0	48.1	
	9 Bis(2-chloroethyl)ether	93	4.334	4.334	0.000	94	184872	50.0	48.0	
	10 2-Chlorophenol	128	4.399	4.399	0.000	94	220796	50.0	49.1	
	11 n-Decane	43	4.446	4.446	0.000	95	346862	50.0	51.4	
	12 1,3-Dichlorobenzene	146	4.551	4.551	0.000	95	258830	50.0	49.4	
*	13 1,4-Dichlorobenzene-d4	152	4.604	4.604	0.000	96	136375	40.0	40.0	
	14 1,4-Dichlorobenzene	146	4.622	4.622	0.000	94	261274	50.0	49.3	
	15 Benzyl alcohol	108	4.734	4.734	0.000	90	119262	50.0	47.2	
	16 1,2-Dichlorobenzene	146	4.781	4.781	0.000	95	242150	50.0	48.7	
	17 2-Methylphenol	108	4.846	4.846	0.000	87	171302	50.0	47.7	
	18 2,2'-oxybis[1-chloropropan	45	4.875	4.875	0.000	91	362250	50.0	48.1	
	19 4-Methylphenol	108	5.004	5.004	0.000	82	186620	50.0	46.9	
	20 3 & 4 Methylphenol	108	5.004	5.004	0.000	87	186620	50.0	46.9	
	21 N-Nitrosodi-n-propylamine	70	5.010	5.010	0.000	79	123112	50.0	46.7	
	22 Acetophenone	105	5.010	5.010	0.000	90	243914	50.0	47.2	
	25 Hexachloroethane	117	5.122	5.122	0.000	94	101438	50.0	49.0	
$	26 Nitrobenzene-d5	82	5.163	5.163	0.000	93	201478	50.0	51.1	
	27 Nitrobenzene	77	5.181	5.181	0.000	91	271845	50.0	51.6	
	28 n,n'-Dimethylaniline	120	5.187	5.187	0.000	99	305129	50.0	49.8	
	29 Isophorone	82	5.422	5.422	0.000	97	282343	50.0	47.5	
	30 2-Nitrophenol	139	5.504	5.504	0.000	90	105158	50.0	50.6	
	31 2,4-Dimethylphenol	122	5.540	5.540	0.000	90	156636	50.0	49.0	
	32 Bis(2-chloroethoxy)methane	93	5.634	5.634	0.000	96	184002	50.0	49.0	
	33 Benzoic acid	122	5.640	5.640	0.000	59	74274	50.0	45.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	5.745	5.745	0.000	94	153359	50.0	48.9	
35 1,2,4-Trichlorobenzene	180	5.834	5.834	0.000	94	183519	50.0	50.8	
* 36 Naphthalene-d8	136	5.893	5.893	0.000	100	431703	40.0	40.0	
37 Naphthalene	128	5.910	5.910	0.000	99	545128	50.0	49.5	
38 4-Chloroaniline	127	5.963	5.963	0.000	97	208895	50.0	48.2	
39 Hexachlorobutadiene	225	6.045	6.045	0.000	95	109335	50.0	51.5	
41 4-Chloro-3-methylphenol	107	6.445	6.445	0.000	96	124196	50.0	47.1	
42 2-Methylnaphthalene	142	6.604	6.604	0.000	85	348468	50.0	48.3	
43 1-Methylnaphthalene	142	6.704	6.704	0.000	93	296497	50.0	47.8	
44 Hexachlorocyclopentadiene	237	6.775	6.775	0.000	97	109517	50.0	54.3	
45 1,2,4,5-Tetrachlorobenzene	216	6.781	6.781	0.000	97	156930	50.0	52.8	
46 2-tertbutyl-4-methylphenol	149	6.798	6.798	0.000	91	229328	50.0	48.9	
48 2,4,6-Trichlorophenol	196	6.887	6.887	0.000	90	95256	50.0	52.3	
49 2,4,5-Trichlorophenol	196	6.922	6.922	0.000	97	96764	50.0	50.1	
$ 50 2-Fluorobiphenyl	172	6.975	6.975	0.000	97	357511	50.0	52.6	
51 1,1'-Biphenyl	154	7.075	7.075	0.000	95	387656	50.0	51.8	
52 2-Chloronaphthalene	162	7.092	7.092	0.000	97	293188	50.0	51.2	
53 Phenyl ether	170	7.175	7.175	0.000	89	203089	50.0	53.6	
54 2-Nitroaniline	65	7.187	7.187	0.000	98	95332	50.0	49.2	
55 1,3-Dimethylnaphthalene	156	7.310	7.310	0.000	92	245393	50.0	52.7	
58 Dimethyl phthalate	163	7.369	7.369	0.000	100	257736	50.0	46.6	
59 Coumarin	146	7.398	7.398	0.000	79	84994	50.0	44.1	
60 2,6-Dinitrotoluene	165	7.428	7.428	0.000	95	62834	50.0	49.3	
61 Acenaphthylene	152	7.504	7.504	0.000	97	423945	50.0	50.1	
62 3-Nitroaniline	138	7.598	7.598	0.000	95	59948	50.0	45.5	
* 63 Acenaphthene-d10	164	7.645	7.645	0.000	98	167374	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.663	7.663	0.000	97	258564	50.0	51.9	
65 Acenaphthene	154	7.681	7.681	0.000	94	290986	50.0	51.1	
66 2,4-Dinitrophenol	184	7.698	7.698	0.000	90	69822	100.0	99.7	
67 4-Nitrophenol	65	7.757	7.757	0.000	89	83963	100.0	93.0	
68 2,4-Dinitrotoluene	165	7.828	7.828	0.000	95	72256	50.0	44.4	
69 Dibenzofuran	168	7.851	7.851	0.000	95	361831	50.0	48.1	
70 2,3,4,6-Tetrachlorophenol	232	7.969	7.969	0.000	93	67597	50.0	48.1	
71 Diethyl phthalate	149	8.069	8.069	0.000	98	236826	50.0	44.3	
74 Fluorene	166	8.187	8.187	0.000	94	284088	50.0	47.6	
73 4-Chlorophenyl phenyl ethe	204	8.187	8.187	0.000	88	130479	50.0	47.9	
75 4-Nitroaniline	138	8.198	8.198	0.000	82	56248	50.0	45.4	
76 4,6-Dinitro-2-methylphenol	198	8.234	8.234	0.000	84	81302	100.0	100.3	
77 N-Nitrosodiphenylamine	169	8.298	8.298	0.000	69	371297	100.0	106.4	
78 1,2-Diphenylhydrazine	77	8.339	8.339	0.000	99	246619	50.0	53.9	
$ 79 2,4,6-Tribromophenol	330	8.428	8.428	0.000	95	44072	50.0	45.6	
80 4-Bromophenyl phenyl ether	248	8.669	8.669	0.000	91	71963	50.0	52.6	
81 Hexachlorobenzene	284	8.739	8.739	0.000	97	80452	50.0	52.3	
83 Pentachlorophenol	266	8.928	8.928	0.000	93	93118	100.0	108.4	
84 Pentachloronitrobenzene	237	8.945	8.945	0.000	87	31291	50.0	51.9	
72 n-Octadecane	57	8.998	8.998	0.000	96	194667	50.0	55.2	
* 85 Phenanthrene-d10	188	9.116	9.116	0.000	98	226865	40.0	40.0	
86 Phenanthrene	178	9.139	9.139	0.000	97	329589	50.0	50.1	
87 Anthracene	178	9.186	9.186	0.000	99	334280	50.0	50.3	
88 Carbazole	167	9.339	9.339	0.000	96	267847	50.0	48.0	
89 Di-n-butyl phthalate	149	9.675	9.675	0.000	100	306984	50.0	46.3	
90 Fluoranthene	202	10.316	10.316	0.000	98	286056	50.0	46.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
91 Benzidine	184	10.439	10.439	0.000	99	136154	50.0	39.1	M
92 Pyrene	202	10.551	10.551	0.000	98	292868	50.0	51.9	
93 Bisphenol-A	213	10.580	10.580	0.000	99	109072	50.0	48.6	
$ 94 Terphenyl-d14	244	10.704	10.704	0.000	99	196025	50.0	51.8	
95 Butyl benzyl phthalate	149	11.245	11.245	0.000	98	116635	50.0	50.5	
96 2,3,7,8-TCDD	320	11.375	11.375	0.000	54	300	0.5000	0.5000	
97 Carbamazepine	193	11.380	11.380	0.000	92	119919	50.0	51.2	
98 3,3'-Dichlorobenzidine	252	11.904	11.904	0.000	99	96709	50.0	52.4	
99 Benzo[a]anthracene	228	11.939	11.939	0.000	98	241333	50.0	49.3	
* 100 Chrysene-d12	240	11.957	11.957	0.000	98	164280	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.969	11.969	0.000	88	161302	50.0	50.3	
101 Chrysene	228	11.986	11.986	0.000	99	221560	50.0	49.8	
103 Di-n-octyl phthalate	149	12.857	12.857	0.000	97	277074	50.0	47.5	
104 Benzo[b]fluoranthene	252	13.404	13.404	0.000	99	262746	50.0	50.2	
105 Benzo[k]fluoranthene	252	13.439	13.439	0.000	99	262934	50.0	49.1	
106 Benzo[a]pyrene	252	13.863	13.863	0.000	97	265582	50.0	51.5	
* 107 Perylene-d12	264	13.939	13.939	0.000	98	193060	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.439	15.439	0.000	99	334423	50.0	58.8	M
109 Dibenz(a,h)anthracene	278	15.462	15.462	0.000	97	325794	50.0	58.0	
110 Benzo[g,h,i]perylene	276	15.827	15.827	0.000	97	340362	50.0	57.5	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L6_00016 Amount Added: 1.00 Units: mL

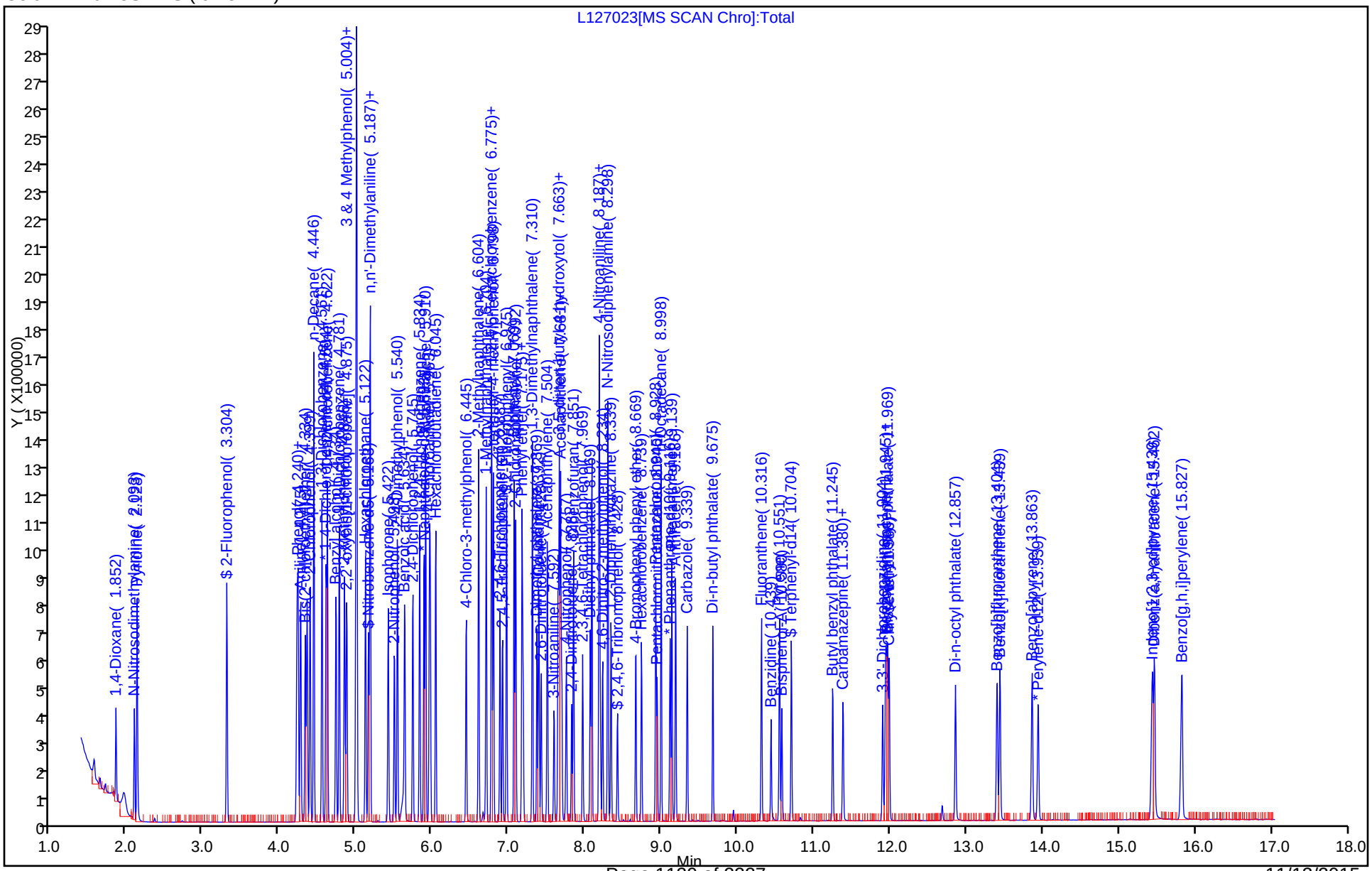
Report Date: 20-Oct-2015 04:07:02 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127023.D

Injection Date:	19-Oct-2015 14:24:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	ICIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127024.D
Lims ID: STD120
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 19-Oct-2015 14:49:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-003
Misc. Info.: CCV
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 20-Oct-2015 04:07:22 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK031

First Level Reviewer: szczecha Date: 19-Oct-2015 15:15:09

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.846	1.852	-0.006	96	158416	120.0	123.7	
	2 N-Nitrosodimethylamine	74	2.098	2.093	0.005	67	225979	120.0	123.5	
	3 Pyridine	79	2.128	2.128	0.000	77	394862	120.0	122.8	
$	4 2-Fluorophenol	112	3.310	3.304	0.006	93	412457	120.0	124.4	
$	6 Phenol-d5	99	4.240	4.228	0.012	96	467514	120.0	119.1	
	7 Phenol	94	4.251	4.240	0.011	96	475447	120.0	120.7	
	8 Aniline	93	4.281	4.275	0.006	98	586737	120.0	121.4	
	9 Bis(2-chloroethyl)ether	93	4.340	4.334	0.006	94	366601	120.0	117.7	
	10 2-Chlorophenol	128	4.404	4.399	0.006	94	430200	120.0	118.5	
	11 n-Decane	43	4.451	4.446	0.005	95	671006	120.0	123.0	
	12 1,3-Dichlorobenzene	146	4.557	4.551	0.006	95	513636	120.0	121.5	
*	13 1,4-Dichlorobenzene-d4	152	4.610	4.604	0.006	97	110183	40.0	40.0	
	14 1,4-Dichlorobenzene	146	4.628	4.622	0.006	94	515662	120.0	120.5	
	15 Benzyl alcohol	108	4.745	4.734	0.011	90	242879	120.0	119.1	
	16 1,2-Dichlorobenzene	146	4.781	4.781	0.000	96	483430	120.0	120.4	
	17 2-Methylphenol	108	4.857	4.846	0.011	87	335361	120.0	115.6	
	18 2,2'-oxybis[1-chloropropan	45	4.881	4.875	0.006	90	720124	120.0	118.4	
	19 4-Methylphenol	108	5.016	5.004	0.012	83	374614	120.0	116.5	
	20 3 & 4 Methylphenol	108	5.016	5.004	0.012	79	374614	120.0	116.5	
	21 N-Nitrosodi-n-propylamine	70	5.016	5.010	0.006	96	247380	120.0	116.1	
	22 Acetophenone	105	5.016	5.010	0.006	93	488495	120.0	117.0	
	25 Hexachloroethane	117	5.122	5.122	0.000	93	198959	120.0	119.0	
$	26 Nitrobenzene-d5	82	5.169	5.163	0.006	93	400678	120.0	122.9	
	27 Nitrobenzene	77	5.192	5.181	0.011	79	552465	120.0	126.8	
	28 n,n'-Dimethylaniline	120	5.192	5.187	0.005	87	608663	120.0	122.9	
	29 Isophorone	82	5.434	5.422	0.012	97	573687	120.0	116.6	
	30 2-Nitrophenol	139	5.504	5.504	0.000	86	210644	120.0	122.4	
	31 2,4-Dimethylphenol	122	5.545	5.540	0.005	90	319332	120.0	120.8	
	32 Bis(2-chloroethoxy)methane	93	5.639	5.634	0.005	96	372585	120.0	119.9	
	33 Benzoic acid	122	5.681	5.640	0.041	94	172203	120.0	121.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	5.751	5.745	0.006	94	311405	120.0	120.0	
35 1,2,4-Trichlorobenzene	180	5.834	5.834	0.000	95	365088	120.0	122.2	
* 36 Naphthalene-d8	136	5.892	5.893	-0.001	100	357165	40.0	40.0	
37 Naphthalene	128	5.916	5.910	0.006	99	1096379	120.0	120.4	
38 4-Chloroaniline	127	5.969	5.963	0.006	97	424128	120.0	118.3	
39 Hexachlorobutadiene	225	6.045	6.045	0.000	94	221581	120.0	126.1	
41 4-Chloro-3-methylphenol	107	6.445	6.445	0.000	96	255899	120.0	117.2	
42 2-Methylnaphthalene	142	6.610	6.604	0.006	84	703780	120.0	117.8	
43 1-Methylnaphthalene	142	6.710	6.704	0.006	94	603730	120.0	117.5	
44 Hexachlorocyclopentadiene	237	6.775	6.775	0.000	95	233977	120.0	134.8	
45 1,2,4,5-Tetrachlorobenzene	216	6.781	6.781	0.000	97	323784	120.0	126.6	
46 2-tertbutyl-4-methylphenol	149	6.804	6.798	0.006	91	469075	120.0	120.8	
48 2,4,6-Trichlorophenol	196	6.892	6.887	0.005	91	196331	120.0	125.2	
49 2,4,5-Trichlorophenol	196	6.922	6.922	0.000	97	206499	120.0	124.4	
$ 50 2-Fluorobiphenyl	172	6.975	6.975	0.000	97	736342	120.0	126.0	
51 1,1'-Biphenyl	154	7.075	7.075	0.000	96	789373	120.0	122.7	
52 2-Chloronaphthalene	162	7.098	7.092	0.006	98	603577	120.0	122.4	
53 Phenyl ether	170	7.181	7.175	0.006	86	414329	120.0	127.1	
54 2-Nitroaniline	65	7.192	7.187	0.005	97	206840	120.0	124.1	
55 1,3-Dimethylnaphthalene	156	7.316	7.310	0.006	92	499825	120.0	124.7	
58 Dimethyl phthalate	163	7.381	7.369	0.011	99	563903	120.0	118.4	
59 Coumarin	146	7.404	7.398	0.006	71	189137	120.0	118.5	
60 2,6-Dinitrotoluene	165	7.433	7.428	0.005	94	134702	120.0	122.9	
61 Acenaphthylene	152	7.510	7.504	0.006	97	885674	120.0	121.7	
62 3-Nitroaniline	138	7.604	7.598	0.006	93	137215	120.0	121.0	
* 63 Acenaphthene-d10	164	7.651	7.645	0.006	97	143972	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.669	7.663	0.006	97	552270	120.0	128.8	
65 Acenaphthene	154	7.686	7.681	0.005	94	569885	120.0	116.4	
66 2,4-Dinitrophenol	184	7.704	7.698	0.006	95	172780	240.0	281.4	
67 4-Nitrophenol	65	7.769	7.757	0.012	88	208703	240.0	268.6	
68 2,4-Dinitrotoluene	165	7.833	7.828	0.005	95	168214	120.0	119.9	
69 Dibenzofuran	168	7.857	7.851	0.006	95	779466	120.0	120.5	
70 2,3,4,6-Tetrachlorophenol	232	7.975	7.969	0.006	93	150699	120.0	124.6	
71 Diethyl phthalate	149	8.075	8.069	0.006	98	543203	120.0	118.1	
74 Fluorene	166	8.192	8.187	0.005	95	626400	120.0	122.1	
73 4-Chlorophenyl phenyl ethe	204	8.186	8.187	-0.001	86	283127	120.0	120.8	
75 4-Nitroaniline	138	8.216	8.198	0.018	90	132999	120.0	124.8	
76 4,6-Dinitro-2-methylphenol	198	8.245	8.234	0.011	84	200385	240.0	251.7	
77 N-Nitrosodiphenylamine	169	8.310	8.298	0.012	69	831162	240.0	246.0	
78 1,2-Diphenylhydrazine	77	8.345	8.339	0.006	99	538870	120.0	121.6	
$ 79 2,4,6-Tribromophenol	330	8.433	8.428	0.005	95	100073	120.0	119.7	
80 4-Bromophenyl phenyl ether	248	8.669	8.669	0.000	88	161265	120.0	121.8	
81 Hexachlorobenzene	284	8.745	8.739	0.006	98	180195	120.0	121.0	
83 Pentachlorophenol	266	8.933	8.928	0.005	93	225457	240.0	271.0	
84 Pentachloronitrobenzene	237	8.951	8.945	0.006	87	72979	120.0	124.9	
72 n-Octadecane	57	8.998	8.998	0.000	96	423571	120.0	124.0	
* 85 Phenanthrene-d10	188	9.116	9.116	0.000	98	219723	40.0	40.0	
86 Phenanthrene	178	9.145	9.139	0.006	97	767973	120.0	120.5	
87 Anthracene	178	9.192	9.186	0.006	99	783924	120.0	121.7	
88 Carbazole	167	9.345	9.339	0.006	96	649897	120.0	120.2	
89 Di-n-butyl phthalate	149	9.680	9.675	0.005	99	782021	120.0	121.7	
90 Fluoranthene	202	10.316	10.316	0.000	98	740436	120.0	123.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
91 Benzidine	184	10.445	10.439	0.006	99	510585	120.0	151.4	M
92 Pyrene	202	10.557	10.551	0.006	98	760567	120.0	103.7	
93 Bisphenol-A	213	10.586	10.580	0.006	99	337756	120.0	115.7	
$ 94 Terphenyl-d14	244	10.710	10.704	0.006	99	525329	120.0	106.6	
95 Butyl benzyl phthalate	149	11.251	11.245	0.006	97	351299	120.0	116.9	
97 Carbamazepine	193	11.392	11.380	0.012	91	402689	120.0	130.1	
98 3,3'-Dichlorobenzidine	252	11.910	11.904	0.006	100	343061	120.0	142.9	
99 Benzo[a]anthracene	228	11.945	11.939	0.006	98	760641	120.0	119.3	
* 100 Chrysene-d12	240	11.963	11.957	0.006	83	213739	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.968	11.969	-0.001	87	495118	120.0	118.6	
101 Chrysene	228	11.998	11.986	0.012	98	698162	120.0	120.7	
103 Di-n-octyl phthalate	149	12.863	12.857	0.005	97	933219	120.0	117.4	
104 Benzo[b]fluoranthene	252	13.415	13.404	0.011	98	915788	120.0	128.4	
105 Benzo[k]fluoranthene	252	13.457	13.439	0.018	99	891762	120.0	122.3	
106 Benzo[a]pyrene	252	13.874	13.863	0.011	97	903849	120.0	128.7	
* 107 Perylene-d12	264	13.945	13.939	0.006	98	263172	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.456	15.439	0.017	98	1052206	120.0	135.7	
109 Dibenz(a,h)anthracene	278	15.486	15.462	0.024	97	963783	120.0	125.9	
110 Benzo[g,h,i]perylene	276	15.851	15.827	0.024	97	974362	120.0	120.8	
S 117 Total Cresols	1				0			232.1	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L8_00009 Amount Added: 1.00 Units: mL

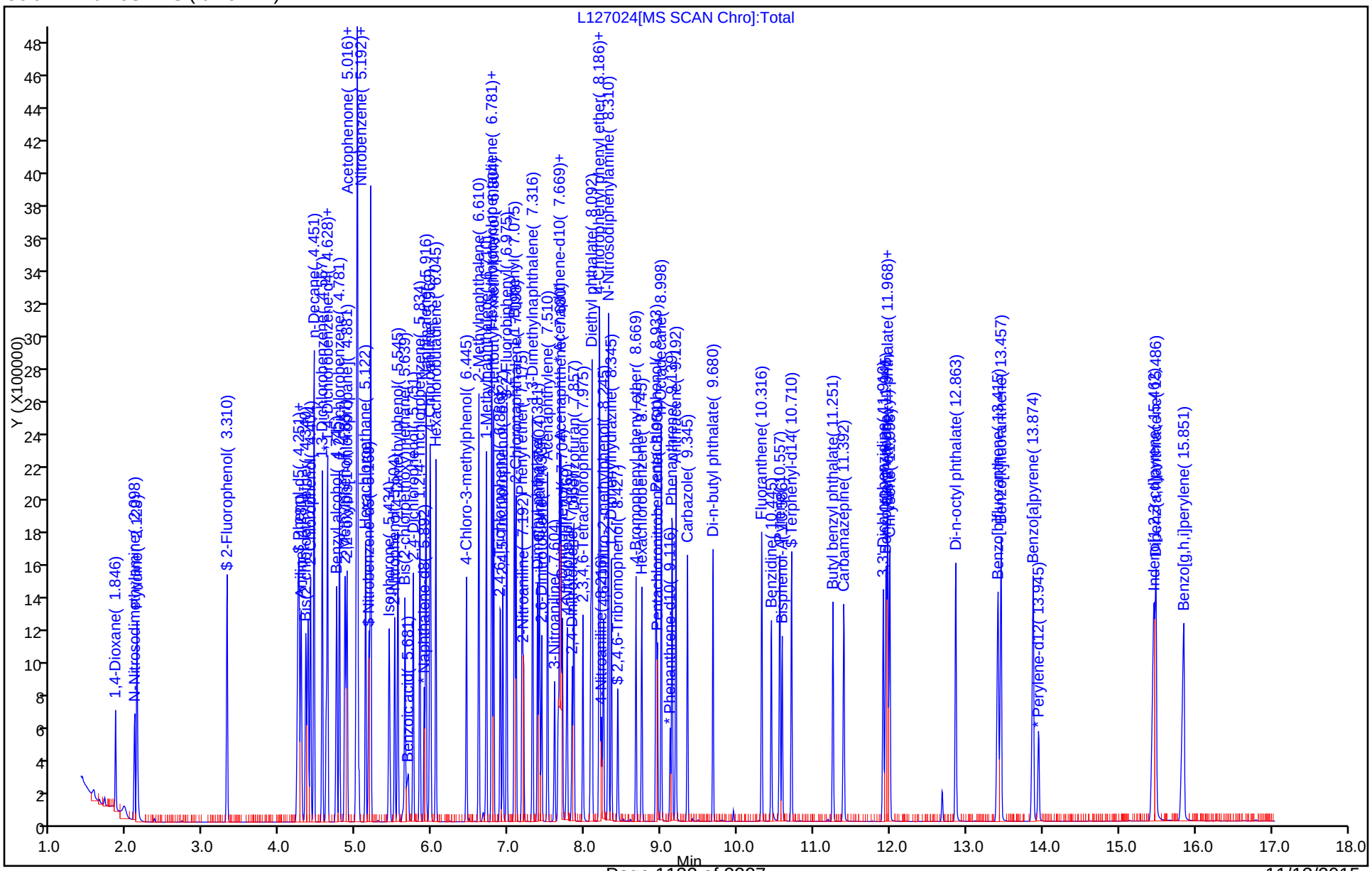
Report Date: 20-Oct-2015 04:07:27 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127024.D

Injection Date:	19-Oct-2015 14:49:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD120			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127025.D
Lims ID: STD80
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 19-Oct-2015 15:14:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-004
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-Oct-2015 21:04:33 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: bayoumiw Date: 19-Oct-2015 15:53:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.846	1.852	-0.006	96	98920	80.0	78.2	
2 N-Nitrosodimethylamine	74	2.093	2.093	0.000	68	144149	80.0	79.8	
3 Pyridine	79	2.122	2.128	-0.006	77	253170	80.0	79.7	
$ 4 2-Fluorophenol	112	3.304	3.304	0.000	93	277982	80.0	84.9	
$ 6 Phenol-d5	99	4.228	4.228	0.000	88	321197	80.0	82.9	
7 Phenol	94	4.245	4.240	0.005	97	308943	80.0	79.4	
8 Aniline	93	4.275	4.275	0.000	98	380650	80.0	79.7	
9 Bis(2-chloroethyl)ether	93	4.334	4.334	0.000	94	239149	80.0	77.8	
10 2-Chlorophenol	128	4.398	4.399	0.000	94	281028	80.0	78.4	
11 n-Decane	43	4.445	4.446	-0.001	96	424193	80.0	78.7	
12 1,3-Dichlorobenzene	146	4.551	4.551	0.000	95	330899	80.0	79.2	
* 13 1,4-Dichlorobenzene-d4	152	4.604	4.604	0.000	96	108835	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.622	4.622	0.000	93	335674	80.0	79.4	
15 Benzyl alcohol	108	4.739	4.734	0.005	90	164235	80.0	81.5	
16 1,2-Dichlorobenzene	146	4.781	4.781	0.000	96	315419	80.0	79.5	
17 2-Methylphenol	108	4.851	4.846	0.005	87	228036	80.0	79.6	
18 2,2'-oxybis[1-chloropropan	45	4.881	4.875	0.006	90	474967	80.0	79.0	
19 4-Methylphenol	108	5.010	5.004	0.006	79	255818	80.0	80.5	
20 3 & 4 Methylphenol	108	5.010	5.004	0.006	81	255818	80.0	80.5	
21 N-Nitrosodi-n-propylamine	70	5.016	5.010	0.006	92	171368	80.0	81.4	
22 Acetophenone	105	5.010	5.010	0.000	89	333997	80.0	81.0	
25 Hexachloroethane	117	5.122	5.122	0.000	93	129901	80.0	78.7	
$ 26 Nitrobenzene-d5	82	5.163	5.163	0.000	92	288826	80.0	83.9	
27 Nitrobenzene	77	5.187	5.181	0.006	87	365456	80.0	79.4	
28 n,n'-Dimethylaniline	120	5.187	5.187	0.000	94	402265	80.0	82.2	
29 Isophorone	82	5.428	5.422	0.006	97	408786	80.0	78.6	
30 2-Nitrophenol	139	5.504	5.504	0.000	87	144863	80.0	79.7	
31 2,4-Dimethylphenol	122	5.545	5.540	0.005	90	217034	80.0	77.7	
32 Bis(2-chloroethoxy)methane	93	5.639	5.634	0.005	96	261721	80.0	79.7	
33 Benzoic acid	122	5.663	5.640	0.023	92	122328	80.0	82.9	
34 2,4-Dichlorophenol	162	5.745	5.745	0.000	94	218057	80.0	79.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 1,2,4-Trichlorobenzene	180	5.834	5.834	0.000	94	253150	80.0	80.2	
* 36 Naphthalene-d8	136	5.892	5.893	-0.001	99	377454	40.0	40.0	
37 Naphthalene	128	5.916	5.910	0.006	99	751792	80.0	78.1	
38 4-Chloroaniline	127	5.963	5.963	0.000	97	300640	80.0	79.3	
39 Hexachlorobutadiene	225	6.045	6.045	0.000	95	152112	80.0	81.9	
41 4-Chloro-3-methylphenol	107	6.445	6.445	0.000	95	187070	80.0	81.1	
42 2-Methylnaphthalene	142	6.610	6.604	0.006	85	501582	80.0	79.5	
43 1-Methylnaphthalene	142	6.704	6.704	0.000	93	432082	80.0	79.6	
44 Hexachlorocyclopentadiene	237	6.775	6.775	0.000	96	163684	80.0	82.3	
45 1,2,4,5-Tetrachlorobenzene	216	6.781	6.781	0.000	96	230196	80.0	78.5	
46 2-tertbutyl-4-methylphenol	149	6.804	6.798	0.006	92	334349	80.0	81.5	
48 2,4,6-Trichlorophenol	196	6.886	6.887	-0.001	90	145481	80.0	81.0	
49 2,4,5-Trichlorophenol	196	6.922	6.922	0.000	97	152295	80.0	80.0	
$ 50 2-Fluorobiphenyl	172	6.975	6.975	0.000	97	558582	80.0	83.4	
51 1,1'-Biphenyl	154	7.075	7.075	0.000	95	575615	80.0	78.1	
52 2-Chloronaphthalene	162	7.092	7.092	0.000	98	439646	80.0	77.8	
53 Phenyl ether	170	7.175	7.175	0.000	86	297389	80.0	79.6	
54 2-Nitroaniline	65	7.192	7.187	0.005	97	153633	80.0	80.4	
55 1,3-Dimethylnaphthalene	156	7.310	7.310	0.000	91	355261	80.0	77.4	
58 Dimethyl phthalate	163	7.375	7.369	0.006	99	434576	80.0	79.6	
59 Coumarin	146	7.398	7.398	0.000	71	142750	80.0	84.6	
60 2,6-Dinitrotoluene	165	7.433	7.428	0.005	94	103261	80.0	82.2	
61 Acenaphthylene	152	7.510	7.504	0.006	97	657101	80.0	78.8	
62 3-Nitroaniline	138	7.598	7.598	0.000	94	106479	80.0	81.9	
* 63 Acenaphthene-d10	164	7.651	7.645	0.006	97	165015	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.663	7.663	0.000	97	401684	80.0	81.7	
65 Acenaphthene	154	7.680	7.681	-0.001	94	434309	80.0	77.4	
66 2,4-Dinitrophenol	184	7.704	7.698	0.006	69	133811	160.0	191.1	
67 4-Nitrophenol	65	7.763	7.757	0.006	88	159956	160.0	179.6	
68 2,4-Dinitrotoluene	165	7.828	7.828	0.000	94	131626	80.0	81.9	
69 Dibenzofuran	168	7.851	7.851	0.000	95	586073	80.0	79.1	
70 2,3,4,6-Tetrachlorophenol	232	7.975	7.969	0.006	95	115413	80.0	83.3	
71 Diethyl phthalate	149	8.075	8.069	0.006	98	425623	80.0	80.7	
74 Fluorene	166	8.192	8.187	0.005	95	472613	80.0	80.4	
73 4-Chlorophenyl phenyl ethe	204	8.186	8.187	-0.001	91	215725	80.0	80.3	
75 4-Nitroaniline	138	8.210	8.198	0.012	89	104978	80.0	85.9	
76 4,6-Dinitro-2-methylphenol	198	8.239	8.234	0.005	83	159789	160.0	168.1	
77 N-Nitrosodiphenylamine	169	8.304	8.298	0.006	69	632085	160.0	156.0	
78 1,2-Diphenylhydrazine	77	8.345	8.339	0.006	99	415387	80.0	78.2	
$ 79 2,4,6-Tribromophenol	330	8.427	8.428	-0.001	95	81322	80.0	85.0	
80 4-Bromophenyl phenyl ether	248	8.669	8.669	0.000	88	125680	80.0	79.1	
81 Hexachlorobenzene	284	8.745	8.739	0.006	98	140543	80.0	78.7	
83 Pentachlorophenol	266	8.933	8.928	0.005	93	179635	160.0	180.0	
84 Pentachloronitrobenzene	237	8.951	8.945	0.006	89	57057	80.0	81.4	
72 n-Octadecane	57	8.998	8.998	0.000	97	323786	80.0	79.0	
* 85 Phenanthrene-d10	188	9.116	9.116	0.000	98	263576	40.0	40.0	
86 Phenanthrene	178	9.139	9.139	0.000	97	608260	80.0	79.6	
87 Anthracene	178	9.192	9.186	0.006	99	617440	80.0	79.9	
88 Carbazole	167	9.345	9.339	0.006	96	533974	80.0	82.4	
89 Di-n-butyl phthalate	149	9.680	9.675	0.005	99	651021	80.0	84.5	
90 Fluoranthene	202	10.316	10.316	0.000	98	617944	80.0	86.0	
91 Benzidine	184	10.445	10.439	0.006	99	409659	80.0	101.3	M

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Pyrene	202	10.551	10.551	0.000	97	628150	80.0	71.0	
93 Bisphenol-A	213	10.586	10.580	0.006	99	280753	80.0	79.8	
$ 94 Terphenyl-d14	244	10.710	10.704	0.006	99	463786	80.0	78.1	
95 Butyl benzyl phthalate	149	11.251	11.245	0.006	97	288313	80.0	79.6	
97 Carbamazepine	193	11.392	11.380	0.012	91	288233	80.0	77.8	
98 3,3'-Dichlorobenzidine	252	11.910	11.904	0.006	100	252759	80.0	87.4	
99 Benzo[a]anthracene	228	11.945	11.939	0.006	98	588839	80.0	76.6	
* 100 Chrysene-d12	240	11.957	11.957	0.000	98	257629	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.968	11.969	-0.001	87	412730	80.0	82.1	
101 Chrysene	228	11.992	11.986	0.006	99	546500	80.0	78.4	
103 Di-n-octyl phthalate	149	12.857	12.857	0.000	97	720874	80.0	85.7	
104 Benzo[b]fluoranthene	252	13.410	13.404	0.006	98	635513	80.0	84.2	
105 Benzo[k]fluoranthene	252	13.451	13.439	0.012	99	645145	80.0	83.6	
106 Benzo[a]pyrene	252	13.868	13.863	0.005	97	629237	80.0	84.6	
* 107 Perylene-d12	264	13.945	13.939	0.006	97	278596	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.445	15.439	0.006	99	685581	80.0	83.5	M
109 Dibenz(a,h)anthracene	278	15.474	15.462	0.012	98	645919	80.0	79.7	
110 Benzo[g,h,i]perylene	276	15.839	15.827	0.012	97	652377	80.0	76.4	
S 117 Total Cresols	1				0			160.1	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L7_00009 Amount Added: 1.00 Units: mL

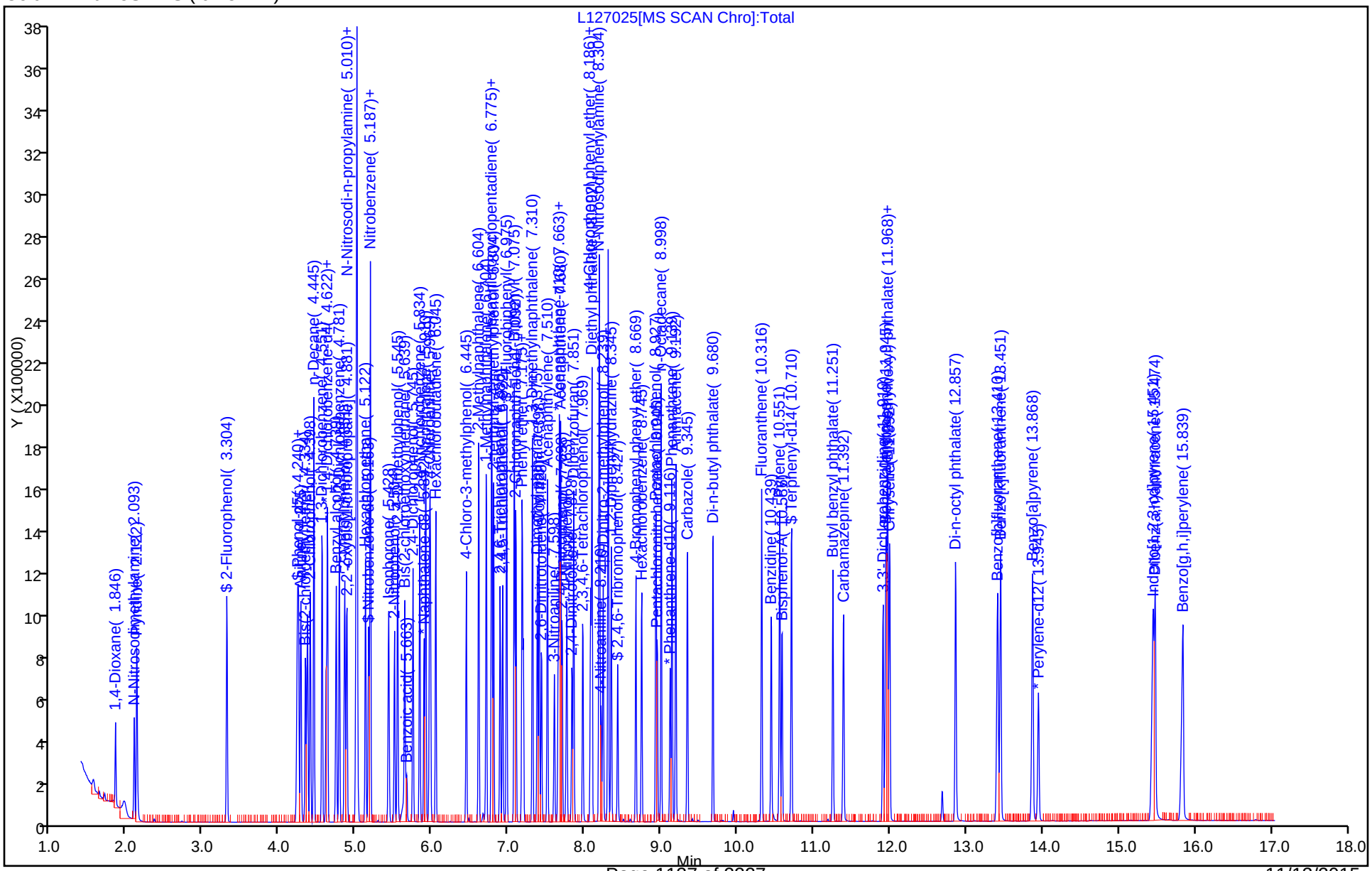
Report Date: 19-Oct-2015 21:04:35 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127025.D

Injection Date:	19-Oct-2015 15:14:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD80			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127026.D
Lims ID: STD20
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 19-Oct-2015 15:39:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-005
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-Oct-2015 21:04:40 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: bayoumiw Date: 19-Oct-2015 17:47:07

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.851	1.852	-0.001	96	27946	20.0	20.1	
2 N-Nitrosodimethylamine	74	2.087	2.093	-0.006	69	39557	20.0	19.9	
3 Pyridine	79	2.128	2.128	0.000	77	69550	20.0	19.9	
$ 4 2-Fluorophenol	112	3.304	3.304	0.000	94	75302	20.0	20.9	
$ 6 Phenol-d5	99	4.216	4.228	-0.012	84	90828	20.0	21.3	
7 Phenol	94	4.234	4.240	-0.006	96	86040	20.0	20.1	
8 Aniline	93	4.269	4.275	-0.006	98	106689	20.0	20.3	
9 Bis(2-chloroethyl)ether	93	4.328	4.334	-0.006	94	66274	20.0	19.6	
10 2-Chlorophenol	128	4.392	4.399	-0.006	95	79305	20.0	20.1	
11 n-Decane	43	4.445	4.446	-0.001	95	117153	20.0	19.7	
12 1,3-Dichlorobenzene	146	4.551	4.551	0.000	95	90739	20.0	19.7	
* 13 1,4-Dichlorobenzene-d4	152	4.604	4.604	0.000	97	119908	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.622	4.622	0.000	95	93272	20.0	20.0	
15 Benzyl alcohol	108	4.734	4.734	0.000	90	44544	20.0	20.1	
16 1,2-Dichlorobenzene	146	4.781	4.781	0.000	96	87974	20.0	20.1	
17 2-Methylphenol	108	4.845	4.846	-0.001	87	65149	20.0	20.6	
18 2,2'-oxybis[1-chloropropan	45	4.875	4.875	0.000	91	134921	20.0	20.4	
19 4-Methylphenol	108	4.998	5.004	-0.006	86	72477	20.0	20.7	
20 3 & 4 Methylphenol	108	4.998	5.004	-0.006	85	72477	20.0	20.7	
21 N-Nitrosodi-n-propylamine	70	5.004	5.010	-0.006	92	48641	20.0	21.0	
22 Acetophenone	105	5.004	5.010	-0.006	88	95787	20.0	21.1	
25 Hexachloroethane	117	5.122	5.122	0.000	94	36721	20.0	20.2	
$ 26 Nitrobenzene-d5	82	5.157	5.163	-0.006	91	80109	20.0	21.0	
27 Nitrobenzene	77	5.181	5.181	0.000	87	102168	20.0	20.1	
28 n,n'-Dimethylaniline	120	5.181	5.187	-0.006	92	111045	20.0	20.6	
29 Isophorone	82	5.416	5.422	-0.006	97	121545	20.0	21.1	
30 2-Nitrophenol	139	5.498	5.504	-0.006	86	40571	20.0	20.2	
31 2,4-Dimethylphenol	122	5.539	5.540	-0.001	90	62999	20.0	20.4	
32 Bis(2-chloroethoxy)methane	93	5.634	5.634	0.000	96	74257	20.0	20.4	
33 Benzoic acid	122	5.610	5.640	-0.030	90	28506	20.0	20.0	
34 2,4-Dichlorophenol	162	5.739	5.745	-0.006	94	62265	20.0	20.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 1,2,4-Trichlorobenzene	180	5.834	5.834	0.000	94	71250	20.0	20.4	
* 36 Naphthalene-d8	136	5.886	5.893	-0.007	99	417509	40.0	40.0	
37 Naphthalene	128	5.910	5.910	0.000	99	214450	20.0	20.1	
38 4-Chloroaniline	127	5.957	5.963	-0.006	97	87041	20.0	20.8	
39 Hexachlorobutadiene	225	6.045	6.045	0.000	94	41610	20.0	20.3	
41 4-Chloro-3-methylphenol	107	6.439	6.445	-0.006	95	53838	20.0	21.1	
42 2-Methylnaphthalene	142	6.604	6.604	0.000	85	144157	20.0	20.6	
43 1-Methylnaphthalene	142	6.704	6.704	0.000	93	124961	20.0	20.8	
44 Hexachlorocyclopentadiene	237	6.775	6.775	0.000	96	43708	20.0	18.8	
45 1,2,4,5-Tetrachlorobenzene	216	6.775	6.781	-0.006	97	66609	20.0	19.4	
46 2-tertbutyl-4-methylphenol	149	6.798	6.798	0.000	91	95010	20.0	20.9	
48 2,4,6-Trichlorophenol	196	6.886	6.887	-0.001	90	41162	20.0	19.6	
49 2,4,5-Trichlorophenol	196	6.916	6.922	-0.006	96	43705	20.0	19.6	
$ 50 2-Fluorobiphenyl	172	6.969	6.975	-0.006	98	158521	20.0	20.2	
51 1,1'-Biphenyl	154	7.069	7.075	-0.006	95	169453	20.0	19.7	
52 2-Chloronaphthalene	162	7.092	7.092	0.000	98	131935	20.0	20.0	
53 Phenyl ether	170	7.175	7.175	0.000	90	85336	20.0	19.5	
54 2-Nitroaniline	65	7.186	7.187	-0.001	98	45068	20.0	20.2	
55 1,3-Dimethylnaphthalene	156	7.310	7.310	0.000	92	105684	20.0	19.7	
58 Dimethyl phthalate	163	7.369	7.369	0.000	99	131633	20.0	20.6	
59 Coumarin	146	7.392	7.398	-0.006	75	39604	20.0	21.2	
60 2,6-Dinitrotoluene	165	7.422	7.428	-0.006	94	31317	20.0	21.3	
61 Acenaphthylene	152	7.504	7.504	0.000	97	195714	20.0	20.1	
62 3-Nitroaniline	138	7.592	7.598	-0.006	93	31089	20.0	20.4	
* 63 Acenaphthene-d10	164	7.645	7.645	0.000	97	192983	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.663	7.663	0.000	97	114056	20.0	19.8	
65 Acenaphthene	154	7.675	7.681	-0.006	94	135880	20.0	20.7	
66 2,4-Dinitrophenol	184	7.692	7.698	-0.006	73	31351	40.0	40.5	
67 4-Nitrophenol	65	7.751	7.757	-0.006	89	41129	40.0	39.5	
68 2,4-Dinitrotoluene	165	7.822	7.828	-0.006	94	38549	20.0	20.7	
69 Dibenzofuran	168	7.845	7.851	-0.006	95	175997	20.0	20.3	
70 2,3,4,6-Tetrachlorophenol	232	7.969	7.969	0.000	94	33955	20.0	20.9	
71 Diethyl phthalate	149	8.063	8.069	-0.006	98	128691	20.0	20.9	
74 Fluorene	166	8.186	8.187	-0.001	95	139342	20.0	20.3	
73 4-Chlorophenyl phenyl ethe	204	8.180	8.187	-0.007	85	64356	20.0	20.5	
75 4-Nitroaniline	138	8.198	8.198	0.000	90	29167	20.0	20.4	
76 4,6-Dinitro-2-methylphenol	198	8.228	8.234	-0.006	83	41883	40.0	38.9	
77 N-Nitrosodiphenylamine	169	8.298	8.298	0.000	69	192362	40.0	40.1	
78 1,2-Diphenylhydrazine	77	8.339	8.339	0.000	98	123516	20.0	19.6	
$ 79 2,4,6-Tribromophenol	330	8.422	8.428	-0.006	95	23415	20.0	21.2	
80 4-Bromophenyl phenyl ether	248	8.663	8.669	-0.006	87	37601	20.0	20.0	
81 Hexachlorobenzene	284	8.739	8.739	0.000	96	43615	20.0	20.6	
83 Pentachlorophenol	266	8.927	8.928	-0.001	93	49146	40.0	41.6	
84 Pentachloronitrobenzene	237	8.945	8.945	0.000	87	16634	20.0	20.0	
72 n-Octadecane	57	8.998	8.998	0.000	96	94923	20.0	19.6	
* 85 Phenanthrene-d10	188	9.116	9.116	0.000	98	312294	40.0	40.0	
86 Phenanthrene	178	9.133	9.139	-0.006	97	181499	20.0	20.0	
87 Anthracene	178	9.186	9.186	0.000	98	181707	20.0	19.8	
88 Carbazole	167	9.339	9.339	0.000	96	154259	20.0	20.1	
89 Di-n-butyl phthalate	149	9.674	9.675	-0.001	99	185932	20.0	20.4	
90 Fluoranthene	202	10.310	10.316	-0.006	98	168819	20.0	19.8	
91 Benzidine	184	10.439	10.439	0.000	99	91038	20.0	19.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Pyrene	202	10.545	10.551	-0.006	97	171524	20.0	21.8	
93 Bisphenol-A	213	10.580	10.580	0.000	99	64362	20.0	20.5	
$ 94 Terphenyl-d14	244	10.704	10.704	0.000	99	116782	20.0	22.1	
95 Butyl benzyl phthalate	149	11.245	11.245	0.000	96	65821	20.0	20.4	
97 Carbamazepine	193	11.380	11.380	0.000	91	58329	20.0	18.7	
98 3,3'-Dichlorobenzidine	252	11.898	11.904	-0.006	99	55331	20.0	21.5	
99 Benzo[a]anthracene	228	11.939	11.939	0.000	98	134493	20.0	19.6	
* 100 Chrysene-d12	240	11.951	11.957	-0.006	99	229574	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.968	11.969	-0.001	87	90329	20.0	20.2	
101 Chrysene	228	11.986	11.986	0.000	99	124541	20.0	20.0	
103 Di-n-octyl phthalate	149	12.857	12.857	0.000	97	148657	20.0	19.9	
104 Benzo[b]fluoranthene	252	13.398	13.404	-0.006	98	133989	20.0	20.0	
105 Benzo[k]fluoranthene	252	13.433	13.439	-0.006	99	140654	20.0	20.5	
106 Benzo[a]pyrene	252	13.857	13.863	-0.006	97	135456	20.0	20.5	
* 107 Perylene-d12	264	13.939	13.939	0.000	99	247167	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.427	15.439	-0.012	99	147871	20.0	20.3	M
109 Dibenz(a,h)anthracene	278	15.456	15.462	-0.006	97	143316	20.0	19.9	
110 Benzo[g,h,i]perylene	276	15.809	15.827	-0.018	97	147473	20.0	19.5	
S 117 Total Cresols	1				0			41.3	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L5_00009 Amount Added: 1.00 Units: mL

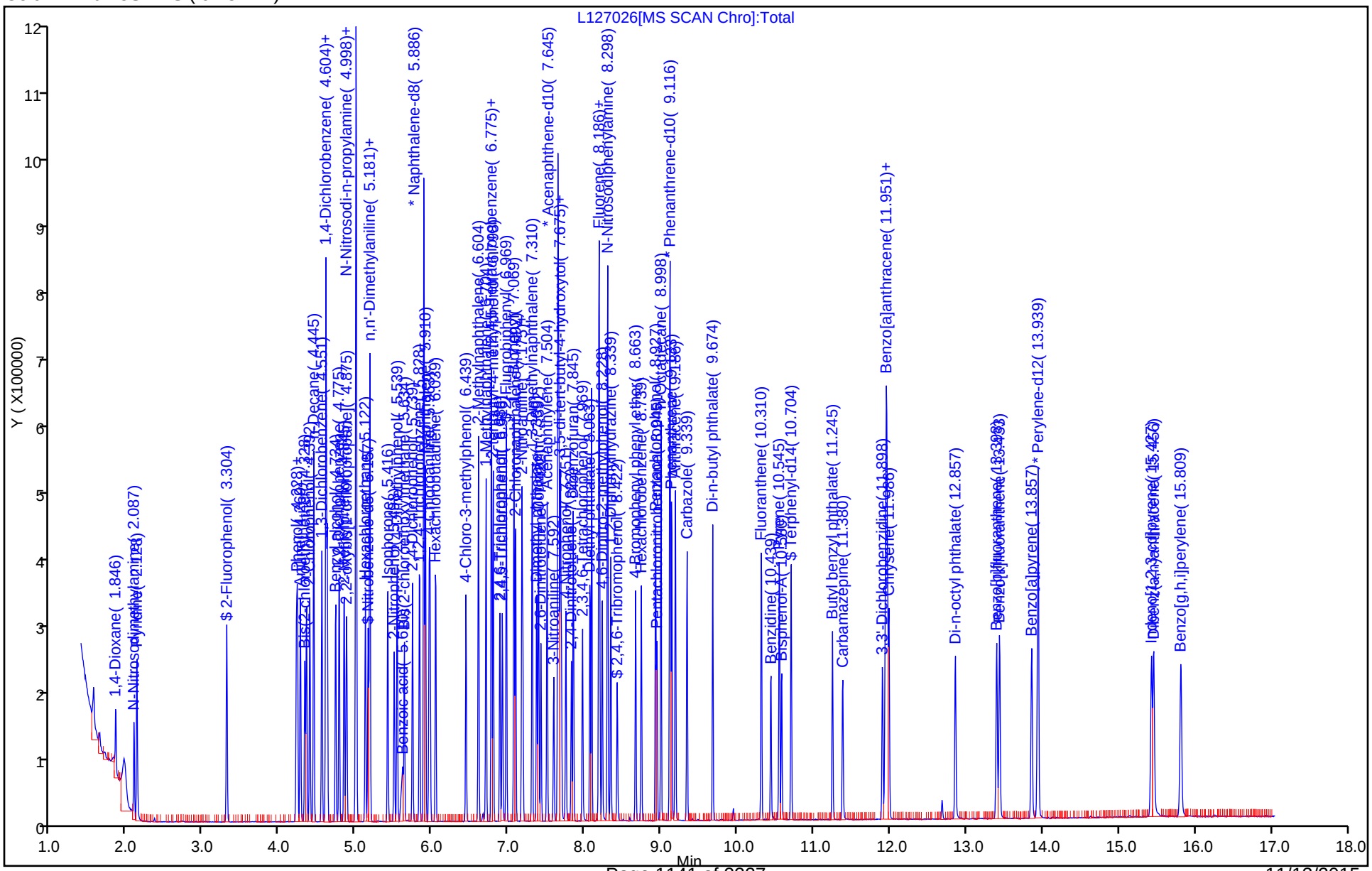
Report Date: 19-Oct-2015 21:04:43 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127026.D

Injection Date:	19-Oct-2015 15:39:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD20			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127027.D
Lims ID: STD10
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 19-Oct-2015 16:04:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-006
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-Oct-2015 21:04:49 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: bayoumiw Date: 19-Oct-2015 17:48:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.846	1.852	-0.006	94	12796	10.0	9.45	
2 N-Nitrosodimethylamine	74	2.087	2.093	-0.006	67	19655	10.0	10.2	
3 Pyridine	79	2.128	2.128	0.000	78	34900	10.0	10.3	
$ 4 2-Fluorophenol	112	3.304	3.304	0.000	93	36431	10.0	10.4	
$ 6 Phenol-d5	99	4.216	4.228	-0.012	87	44462	10.0	10.7	
7 Phenol	94	4.228	4.240	-0.012	96	44289	10.0	10.6	
8 Aniline	93	4.269	4.275	-0.006	98	53720	10.0	10.5	
9 Bis(2-chloroethyl)ether	93	4.328	4.334	-0.006	95	34388	10.0	10.4	
10 2-Chlorophenol	128	4.393	4.399	-0.005	94	40229	10.0	10.5	
11 n-Decane	43	4.446	4.446	0.000	95	58619	10.0	10.2	
12 1,3-Dichlorobenzene	146	4.551	4.551	0.000	95	46205	10.0	10.3	
* 13 1,4-Dichlorobenzene-d4	152	4.604	4.604	0.000	97	116455	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.622	4.622	0.000	97	47828	10.0	10.6	
15 Benzyl alcohol	108	4.728	4.734	-0.006	91	23067	10.0	10.7	
16 1,2-Dichlorobenzene	146	4.775	4.781	-0.006	95	44821	10.0	10.6	
17 2-Methylphenol	108	4.840	4.846	-0.006	86	32278	10.0	10.5	
18 2,2'-oxybis[1-chloropropan	45	4.875	4.875	0.000	91	68413	10.0	10.6	
19 4-Methylphenol	108	4.993	5.004	-0.011	83	35335	10.0	10.4	
20 3 & 4 Methylphenol	108	4.993	5.004	-0.011	87	35335	10.0	10.4	
21 N-Nitrosodi-n-propylamine	70	4.999	5.010	-0.012	85	23295	10.0	10.3	
22 Acetophenone	105	4.999	5.010	-0.012	89	46675	10.0	10.6	
25 Hexachloroethane	117	5.122	5.122	0.000	93	18152	10.0	10.3	
$ 26 Nitrobenzene-d5	82	5.157	5.163	-0.006	91	39022	10.0	10.6	
27 Nitrobenzene	77	5.175	5.181	-0.006	88	49364	10.0	10.0	
28 n,n'-Dimethylaniline	120	5.181	5.187	-0.006	93	51689	10.0	9.88	
29 Isophorone	82	5.410	5.422	-0.012	97	58750	10.0	10.5	
30 2-Nitrophenol	139	5.498	5.504	-0.006	85	19639	10.0	10.1	
31 2,4-Dimethylphenol	122	5.534	5.540	-0.006	90	31201	10.0	10.4	
32 Bis(2-chloroethoxy)methane	93	5.628	5.634	-0.006	97	37592	10.0	10.7	
33 Benzoic acid	122	5.593	5.640	-0.047	91	12345	10.0	10.7	
34 2,4-Dichlorophenol	162	5.740	5.745	-0.005	94	31142	10.0	10.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 1,2,4-Trichlorobenzene	180	5.828	5.834	-0.006	94	34963	10.0	10.3	
* 36 Naphthalene-d8	136	5.887	5.893	-0.006	100	404916	40.0	40.0	
37 Naphthalene	128	5.910	5.910	0.000	99	107903	10.0	10.5	
38 4-Chloroaniline	127	5.957	5.963	-0.006	97	43153	10.0	10.6	
39 Hexachlorobutadiene	225	6.040	6.045	-0.005	94	20904	10.0	10.5	
41 4-Chloro-3-methylphenol	107	6.440	6.445	-0.005	95	26206	10.0	10.6	
42 2-Methylnaphthalene	142	6.604	6.604	0.000	85	71479	10.0	10.6	
43 1-Methylnaphthalene	142	6.704	6.704	0.000	93	61740	10.0	10.6	
44 Hexachlorocyclopentadiene	237	6.769	6.775	-0.006	95	21018	10.0	9.56	
45 1,2,4,5-Tetrachlorobenzene	216	6.775	6.781	-0.006	96	31910	10.0	9.85	
46 2-tertbutyl-4-methylphenol	149	6.798	6.798	0.000	91	43129	10.0	9.80	
48 2,4,6-Trichlorophenol	196	6.887	6.887	0.000	88	20023	10.0	10.1	
49 2,4,5-Trichlorophenol	196	6.916	6.922	-0.006	96	21933	10.0	10.4	
$ 50 2-Fluorobiphenyl	172	6.969	6.975	-0.006	97	76186	10.0	10.3	
51 1,1'-Biphenyl	154	7.069	7.075	-0.006	95	82057	10.0	10.1	
52 2-Chloronaphthalene	162	7.087	7.092	-0.005	98	63674	10.0	10.2	
53 Phenyl ether	170	7.175	7.175	0.000	90	38552	10.0	9.33	
54 2-Nitroaniline	65	7.181	7.187	-0.006	97	21427	10.0	10.1	
55 1,3-Dimethylnaphthalene	156	7.310	7.310	0.000	92	48872	10.0	9.63	
58 Dimethyl phthalate	163	7.363	7.369	-0.006	99	66853	10.0	11.1	
59 Coumarin	146	7.392	7.398	-0.006	75	18668	10.0	10.3	
60 2,6-Dinitrotoluene	165	7.422	7.428	-0.006	94	15532	10.0	11.2	
61 Acenaphthylene	152	7.504	7.504	0.000	97	95882	10.0	10.4	
62 3-Nitroaniline	138	7.587	7.598	-0.011	93	16268	10.0	11.3	
* 63 Acenaphthene-d10	164	7.645	7.645	0.000	98	182400	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.663	7.663	0.000	97	51745	10.0	9.53	
65 Acenaphthene	154	7.675	7.681	-0.006	94	66743	10.0	10.8	
66 2,4-Dinitrophenol	184	7.692	7.698	-0.006	66	14759	20.0	21.6	
67 4-Nitrophenol	65	7.745	7.757	-0.012	88	21137	20.0	21.5	
68 2,4-Dinitrotoluene	165	7.822	7.828	-0.006	95	20135	10.0	11.5	
69 Dibenzofuran	168	7.845	7.851	-0.006	95	87425	10.0	10.7	
70 2,3,4,6-Tetrachlorophenol	232	7.969	7.969	0.000	93	16354	10.0	10.7	
71 Diethyl phthalate	149	8.063	8.069	-0.006	98	66915	10.0	11.5	
74 Fluorene	166	8.187	8.187	0.000	94	69461	10.0	10.7	
73 4-Chlorophenyl phenyl ethe	204	8.181	8.187	-0.006	84	31827	10.0	10.7	
75 4-Nitroaniline	138	8.192	8.198	-0.006	90	15595	10.0	11.5	
76 4,6-Dinitro-2-methylphenol	198	8.228	8.234	-0.006	83	20128	20.0	19.5	
77 N-Nitrosodiphenylamine	169	8.298	8.298	0.000	69	97570	20.0	19.9	
78 1,2-Diphenylhydrazine	77	8.339	8.339	0.000	98	62958	10.0	9.80	
$ 79 2,4,6-Tribromophenol	330	8.422	8.428	-0.006	95	11229	10.0	11.0	
80 4-Bromophenyl phenyl ether	248	8.663	8.669	-0.006	88	18862	10.0	9.82	
81 Hexachlorobenzene	284	8.739	8.739	0.000	97	21877	10.0	10.1	
83 Pentachlorophenol	266	8.928	8.928	0.000	92	24495	20.0	20.3	
84 Pentachloronitrobenzene	237	8.945	8.945	0.000	86	8235	10.0	9.72	
72 n-Octadecane	57	8.998	8.998	0.000	96	48369	10.0	9.77	
* 85 Phenanthrene-d10	188	9.116	9.116	0.000	98	318621	40.0	40.0	
86 Phenanthrene	178	9.134	9.139	-0.005	97	94791	10.0	10.3	
87 Anthracene	178	9.186	9.186	0.000	99	96529	10.0	10.3	
88 Carbazole	167	9.339	9.339	0.000	96	85152	10.0	10.9	
89 Di-n-butyl phthalate	149	9.675	9.675	0.000	100	102477	10.0	11.0	
90 Fluoranthene	202	10.310	10.316	-0.006	98	95052	10.0	10.9	
91 Benzidine	184	10.433	10.439	-0.006	99	46787	10.0	9.57	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Pyrene	202	10.545	10.551	-0.006	98	99034	10.0	10.4	
93 Bisphenol-A	213	10.575	10.580	-0.005	99	40788	10.0	10.8	
$ 94 Terphenyl-d14	244	10.704	10.704	0.000	99	67296	10.0	10.5	
95 Butyl benzyl phthalate	149	11.245	11.245	0.000	97	40500	10.0	10.4	
97 Carbamazepine	193	11.375	11.380	-0.005	93	32965	10.0	9.45	
98 3,3'-Dichlorobenzidine	252	11.898	11.904	-0.006	99	27977	10.0	8.99	
99 Benzo[a]anthracene	228	11.939	11.939	0.000	98	83296	10.0	10.1	
* 100 Chrysene-d12	240	11.951	11.957	-0.006	99	276997	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.969	11.969	0.000	88	55479	10.0	10.3	
101 Chrysene	228	11.986	11.986	0.000	98	76908	10.0	10.3	
103 Di-n-octyl phthalate	149	12.857	12.857	0.000	97	93016	10.0	11.0	
104 Benzo[b]fluoranthene	252	13.398	13.404	-0.006	99	82503	10.0	10.9	
105 Benzo[k]fluoranthene	252	13.433	13.439	-0.006	99	83051	10.0	10.7	
106 Benzo[a]pyrene	252	13.857	13.863	-0.006	97	78558	10.0	10.5	
* 107 Perylene-d12	264	13.939	13.939	0.000	98	280433	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.421	15.439	-0.018	99	76564	10.0	9.27	M
109 Dibenz(a,h)anthracene	278	15.451	15.462	-0.011	94	78623	10.0	9.64	
110 Benzo[g,h,i]perylene	276	15.810	15.827	-0.017	97	79492	10.0	9.25	
S 117 Total Cresols	1				0			20.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L4_00009 Amount Added: 1.00 Units: mL

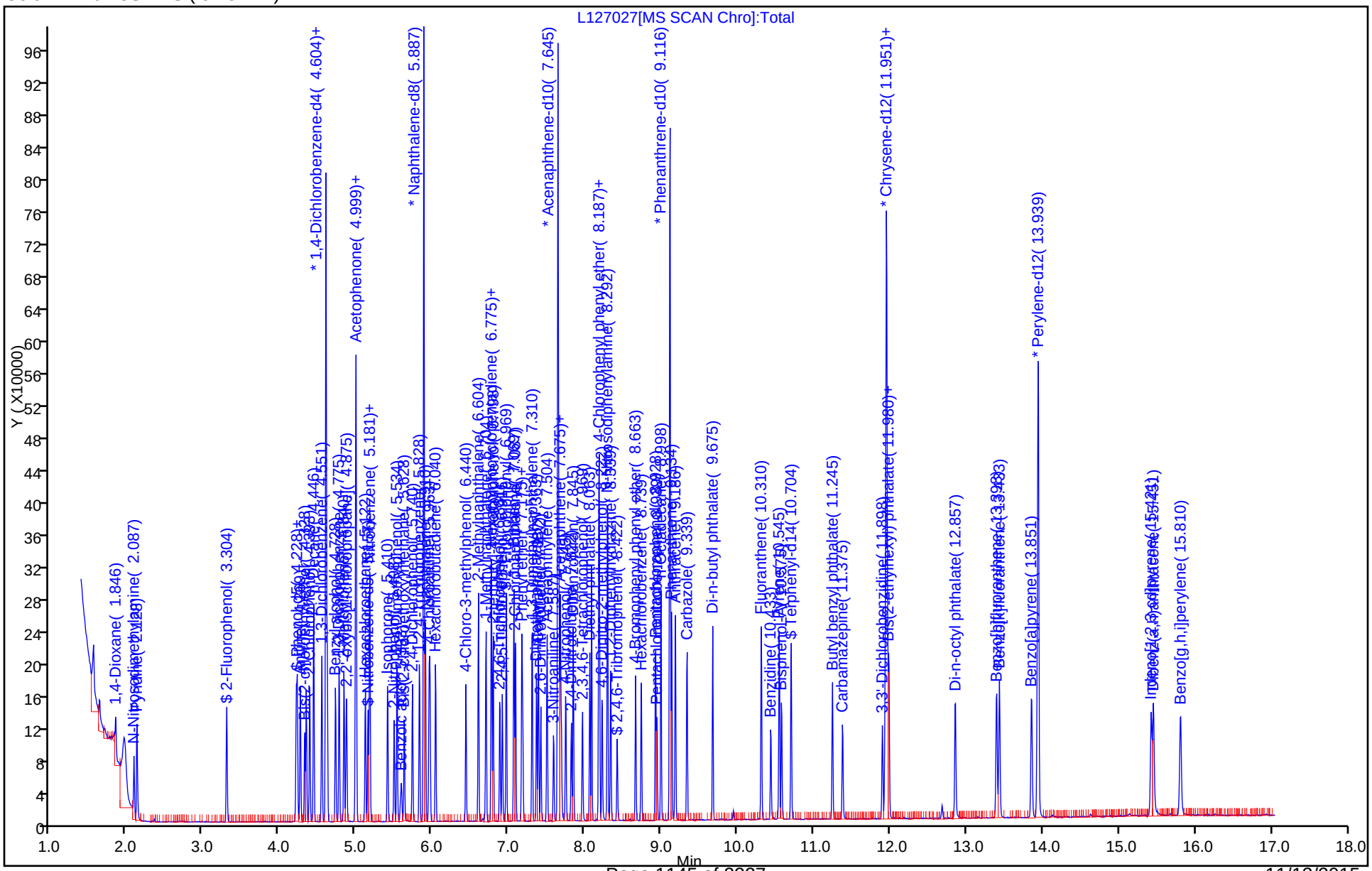
Report Date: 19-Oct-2015 21:04:52 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127027.D

Injection Date:	19-Oct-2015 16:04:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD10			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127028.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 19-Oct-2015 16:29:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-007
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-Oct-2015 21:04:56 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: bayoumiw Date: 19-Oct-2015 17:49:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.846	1.852	-0.006	94	7435	5.00	5.06	
2 N-Nitrosodimethylamine	74	2.087	2.093	-0.006	68	10035	5.00	4.78	
3 Pyridine	79	2.128	2.128	0.000	77	17508	5.00	4.74	
$ 4 2-Fluorophenol	112	3.299	3.304	-0.005	93	17860	5.00	4.69	
$ 6 Phenol-d5	99	4.210	4.228	-0.018	84	20353	5.00	4.52	
7 Phenol	94	4.228	4.240	-0.012	96	21668	5.00	4.80	
8 Aniline	93	4.263	4.275	-0.012	98	26733	5.00	4.82	
9 Bis(2-chloroethyl)ether	93	4.322	4.334	-0.012	93	17402	5.00	4.87	
10 2-Chlorophenol	128	4.393	4.399	-0.005	95	20810	5.00	4.99	
11 n-Decane	43	4.440	4.446	-0.006	95	30032	5.00	4.80	
12 1,3-Dichlorobenzene	146	4.551	4.551	0.000	96	24006	5.00	4.95	
* 13 1,4-Dichlorobenzene-d4	152	4.604	4.604	0.000	97	126441	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.622	4.622	0.000	95	23475	5.00	4.78	
15 Benzyl alcohol	108	4.728	4.734	-0.006	90	11370	5.00	4.86	
16 1,2-Dichlorobenzene	146	4.775	4.781	-0.006	95	22245	5.00	4.83	
17 2-Methylphenol	108	4.840	4.846	-0.006	86	16665	5.00	5.01	
18 2,2'-oxybis[1-chloropropan	45	4.869	4.875	-0.006	91	34221	5.00	4.90	
19 4-Methylphenol	108	4.993	5.004	-0.011	80	18648	5.00	5.05	
20 3 & 4 Methylphenol	108	4.993	5.004	-0.011	85	18648	5.00	5.05	
21 N-Nitrosodi-n-propylamine	70	4.998	5.010	-0.012	88	11997	5.00	4.91	
22 Acetophenone	105	4.998	5.010	-0.012	92	22933	5.00	4.79	
25 Hexachloroethane	117	5.122	5.122	0.000	91	8821	5.00	4.60	
$ 26 Nitrobenzene-d5	82	5.151	5.163	-0.012	89	18075	5.00	4.57	
27 Nitrobenzene	77	5.175	5.181	-0.006	88	25467	5.00	4.81	
28 n,n'-Dimethylaniline	120	5.181	5.187	-0.006	93	28218	5.00	4.97	
29 Isophorone	82	5.410	5.422	-0.012	98	28849	5.00	4.83	
30 2-Nitrophenol	139	5.498	5.504	-0.006	86	10004	5.00	4.79	
31 2,4-Dimethylphenol	122	5.534	5.540	-0.006	90	15727	5.00	4.90	
32 Bis(2-chloroethoxy)methane	93	5.628	5.634	-0.006	95	17689	5.00	4.69	
33 Benzoic acid	122	5.581	5.640	-0.059	87	2949	5.00	4.86	
34 2,4-Dichlorophenol	162	5.740	5.745	-0.005	93	14900	5.00	4.73	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 1,2,4-Trichlorobenzene	180	5.828	5.834	-0.006	94	17444	5.00	4.81	
* 36 Naphthalene-d8	136	5.887	5.893	-0.006	100	433722	40.0	40.0	
37 Naphthalene	128	5.904	5.910	-0.006	99	53963	5.00	4.88	
38 4-Chloroaniline	127	5.957	5.963	-0.006	96	20857	5.00	4.79	
39 Hexachlorobutadiene	225	6.040	6.045	-0.005	92	10221	5.00	4.79	
41 4-Chloro-3-methylphenol	107	6.440	6.445	-0.005	96	12644	5.00	4.77	
42 2-Methylnaphthalene	142	6.604	6.604	0.000	85	35251	5.00	4.86	
43 1-Methylnaphthalene	142	6.704	6.704	0.000	93	30248	5.00	4.85	
44 Hexachlorocyclopentadiene	237	6.769	6.775	-0.006	96	9706	5.00	4.33	
45 1,2,4,5-Tetrachlorobenzene	216	6.775	6.781	-0.006	96	15725	5.00	4.76	
46 2-tertbutyl-4-methylphenol	149	6.798	6.798	0.000	92	22867	5.00	4.85	
48 2,4,6-Trichlorophenol	196	6.881	6.887	-0.006	91	9584	5.00	4.73	
49 2,4,5-Trichlorophenol	196	6.916	6.922	-0.006	95	10042	5.00	4.68	
$ 50 2-Fluorobiphenyl	172	6.969	6.975	-0.006	97	34562	5.00	4.58	
51 1,1'-Biphenyl	154	7.069	7.075	-0.006	94	40468	5.00	4.87	
52 2-Chloronaphthalene	162	7.087	7.092	-0.005	98	30754	5.00	4.83	
53 Phenyl ether	170	7.169	7.175	-0.006	90	20332	5.00	4.83	
54 2-Nitroaniline	65	7.181	7.187	-0.006	97	10254	5.00	4.76	
55 1,3-Dimethylnaphthalene	156	7.304	7.310	-0.006	92	25705	5.00	4.97	
58 Dimethyl phthalate	163	7.363	7.369	-0.006	99	29098	5.00	4.73	
59 Coumarin	146	7.387	7.398	-0.012	78	9504	5.00	4.90	
60 2,6-Dinitrotoluene	165	7.422	7.428	-0.006	93	6961	5.00	4.92	
61 Acenaphthylene	152	7.504	7.504	0.000	98	44960	5.00	4.78	
62 3-Nitroaniline	138	7.586	7.598	-0.012	95	6623	5.00	4.52	
* 63 Acenaphthene-d10	164	7.645	7.645	0.000	98	185975	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.657	7.663	-0.006	97	25549	5.00	4.61	
65 Acenaphthene	154	7.675	7.681	-0.006	94	29310	5.00	4.64	
66 2,4-Dinitrophenol	184	7.692	7.698	-0.006	37	4354	10.0	8.24	M
67 4-Nitrophenol	65	7.745	7.757	-0.012	88	7703	10.0	7.68	
68 2,4-Dinitrotoluene	165	7.822	7.828	-0.006	91	7776	5.00	4.49	
69 Dibenzofuran	168	7.845	7.851	-0.006	96	40178	5.00	4.81	
70 2,3,4,6-Tetrachlorophenol	232	7.969	7.969	0.000	91	6594	5.00	4.22	
71 Diethyl phthalate	149	8.063	8.069	-0.006	98	27601	5.00	4.65	
74 Fluorene	166	8.186	8.187	-0.001	94	31199	5.00	4.71	
73 4-Chlorophenyl phenyl ethe	204	8.181	8.187	-0.006	87	14166	5.00	4.68	
75 4-Nitroaniline	138	8.192	8.198	-0.006	90	5534	5.00	4.02	
76 4,6-Dinitro-2-methylphenol	198	8.222	8.234	-0.012	82	6913	10.0	9.04	
77 N-Nitrosodiphenylamine	169	8.292	8.298	-0.006	68	41909	10.0	9.80	
78 1,2-Diphenylhydrazine	77	8.334	8.339	-0.005	99	27223	5.00	4.85	
$ 79 2,4,6-Tribromophenol	330	8.422	8.428	-0.006	95	4252	5.00	4.34	
80 4-Bromophenyl phenyl ether	248	8.663	8.669	-0.006	87	8068	5.00	4.81	
81 Hexachlorobenzene	284	8.739	8.739	0.000	97	8947	5.00	4.74	
83 Pentachlorophenol	266	8.928	8.928	0.000	92	9040	10.0	8.58	
84 Pentachloronitrobenzene	237	8.939	8.945	-0.006	86	3447	5.00	4.66	
72 n-Octadecane	57	8.998	8.998	0.000	96	19917	5.00	4.60	
* 85 Phenanthrene-d10	188	9.110	9.116	-0.006	99	278273	40.0	40.0	
86 Phenanthrene	178	9.133	9.139	-0.006	97	39218	5.00	4.86	
87 Anthracene	178	9.186	9.186	0.000	99	38998	5.00	4.78	
88 Carbazole	167	9.339	9.339	0.000	96	31431	5.00	4.59	
89 Di-n-butyl phthalate	149	9.675	9.675	0.000	99	36019	5.00	4.43	
90 Fluoranthene	202	10.310	10.316	-0.006	98	33600	5.00	4.43	
91 Benzidine	184	10.433	10.439	-0.006	99	16716	5.00	3.91	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Pyrene	202	10.545	10.551	-0.006	97	33840	5.00	5.40	
93 Bisphenol-A	213	10.575	10.580	-0.005	99	11968	5.00	4.80	
$ 94 Terphenyl-d14	244	10.704	10.704	0.000	99	21095	5.00	5.01	
95 Butyl benzyl phthalate	149	11.245	11.245	0.000	98	12319	5.00	4.80	
97 Carbamazepine	193	11.374	11.380	-0.006	90	10376	5.00	5.20	
98 3,3'-Dichlorobenzidine	252	11.898	11.904	-0.006	99	9490	5.00	4.63	
99 Benzo[a]anthracene	228	11.933	11.939	-0.006	98	25026	5.00	4.60	
* 100 Chrysene-d12	240	11.951	11.957	-0.006	99	182517	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.969	11.969	0.000	87	16864	5.00	4.73	
101 Chrysene	228	11.980	11.986	-0.006	99	24449	5.00	4.95	
103 Di-n-octyl phthalate	149	12.857	12.857	0.000	97	25349	5.00	4.53	
104 Benzo[b]fluoranthene	252	13.392	13.404	-0.012	98	24028	5.00	4.79	
105 Benzo[k]fluoranthene	252	13.433	13.439	-0.006	99	24326	5.00	4.74	
106 Benzo[a]pyrene	252	13.857	13.863	-0.006	97	23959	5.00	4.85	
* 107 Perylene-d12	264	13.939	13.939	0.000	98	185139	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.421	15.439	-0.018	98	26022	5.00	4.77	M
109 Dibenz(a,h)anthracene	278	15.451	15.462	-0.011	94	26285	5.00	4.88	
110 Benzo[g,h,i]perylene	276	15.804	15.827	-0.023	96	28027	5.00	4.94	
S 117 Total Cresols	1				0			10.1	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L3_00011 Amount Added: 1.00 Units: mL

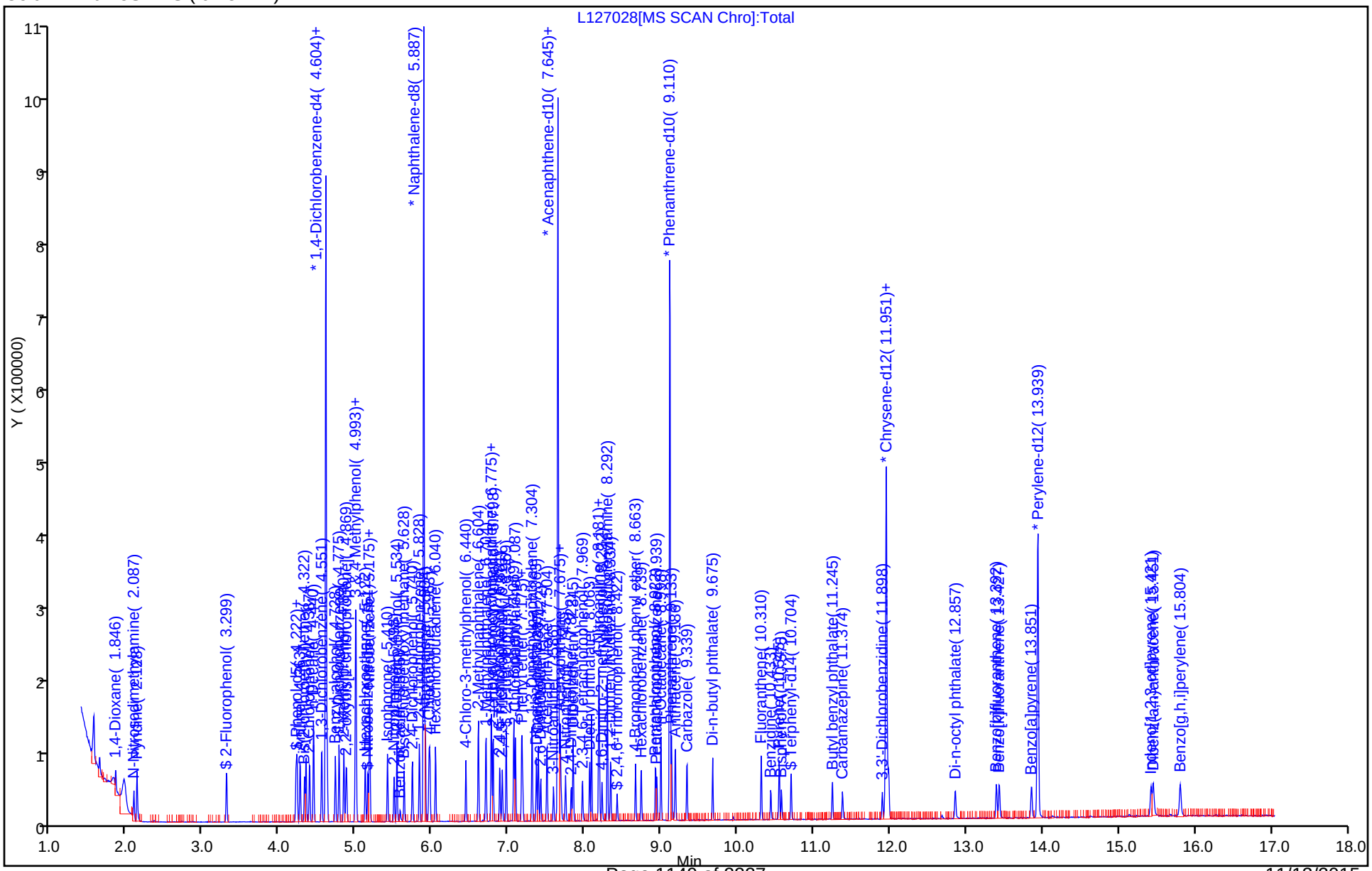
Report Date: 19-Oct-2015 21:04:58 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127028.D

Injection Date:	19-Oct-2015 16:29:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD5			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127029.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 19-Oct-2015 16:54:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-008
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-Oct-2015 21:05:03 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: bayoumiw Date: 19-Oct-2015 17:50:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.304	3.304	0.000	91	7119	2.00	1.68	
$ 6 Phenol-d5	99	4.210	4.228	-0.018	85	9434	2.00	1.88	
9 Bis(2-chloroethyl)ether	93	4.328	4.334	-0.006	97	8190	2.00	2.05	
* 13 1,4-Dichlorobenzene-d4	152	4.604	4.604	0.000	97	141160	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.998	5.010	-0.012	89	5660	2.00	2.07	
25 Hexachloroethane	117	5.122	5.122	0.000	92	4218	2.00	1.97	
$ 26 Nitrobenzene-d5	82	5.157	5.163	-0.006	94	8056	2.00	1.77	
27 Nitrobenzene	77	5.175	5.181	-0.006	88	11950	2.00	1.97	
28 n,n'-Dimethylaniline	120	5.181	5.187	-0.006	93	12671	2.00	2.00	
29 Isophorone	82	5.410	5.422	-0.012	97	13988	2.00	2.04	
35 1,2,4-Trichlorobenzene	180	5.828	5.834	-0.006	95	8087	2.00	1.94	
* 36 Naphthalene-d8	136	5.887	5.893	-0.006	100	497399	40.0	40.0	
39 Hexachlorobutadiene	225	6.039	6.045	-0.006	92	4797	2.00	1.96	
48 2,4,6-Trichlorophenol	196	6.886	6.887	-0.001	88	4636	2.00	1.93	
$ 50 2-Fluorobiphenyl	172	6.969	6.975	-0.006	96	15699	2.00	1.75	
60 2,6-Dinitrotoluene	165	7.422	7.428	-0.006	93	3231	2.00	1.93	
* 63 Acenaphthene-d10	164	7.645	7.645	0.000	97	220384	40.0	40.0	
66 2,4-Dinitrophenol	184	7.692	7.698	-0.006	1	1133	4.00	4.00	
68 2,4-Dinitrotoluene	165	7.822	7.828	-0.006	73	3831	2.00	1.99	
76 4,6-Dinitro-2-methylphenol	198	8.228	8.234	-0.006	81	2369	4.00	4.17	
77 N-Nitrosodiphenylamine	169	8.292	8.298	-0.006	69	19839	4.00	3.83	
$ 79 2,4,6-Tribromophenol	330	8.422	8.428	-0.006	92	1961	2.00	1.95	
81 Hexachlorobenzene	284	8.739	8.739	0.000	96	4333	2.00	1.90	
83 Pentachlorophenol	266	8.928	8.928	0.000	92	3814	4.00	2.99	
* 85 Phenanthrene-d10	188	9.110	9.116	-0.006	99	336475	40.0	40.0	
$ 94 Terphenyl-d14	244	10.704	10.704	0.000	98	10090	2.00	1.94	
98 3,3'-Dichlorobenzidine	252	11.898	11.904	-0.006	98	3902	2.00	1.54	
99 Benzo[a]anthracene	228	11.939	11.939	0.000	97	13098	2.00	1.95	
* 100 Chrysene-d12	240	11.951	11.957	-0.006	99	225429	40.0	40.0	
104 Benzo[b]fluoranthene	252	13.392	13.404	-0.012	98	11510	2.00	1.95	
105 Benzo[k]fluoranthene	252	13.433	13.439	-0.006	99	11533	2.00	1.91	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
106 Benzo[a]pyrene	252	13.857	13.863	-0.006	95	10956	2.00	1.88	
* 107 Perylene-d12	264	13.939	13.939	0.000	98	217773	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.421	15.439	-0.018	98	12604	2.00	1.96	M
109 Dibenz(a,h)anthracene	278	15.451	15.462	-0.011	94	12205	2.00	1.93	M

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L0_00007 Amount Added: 1.00 Units: mL

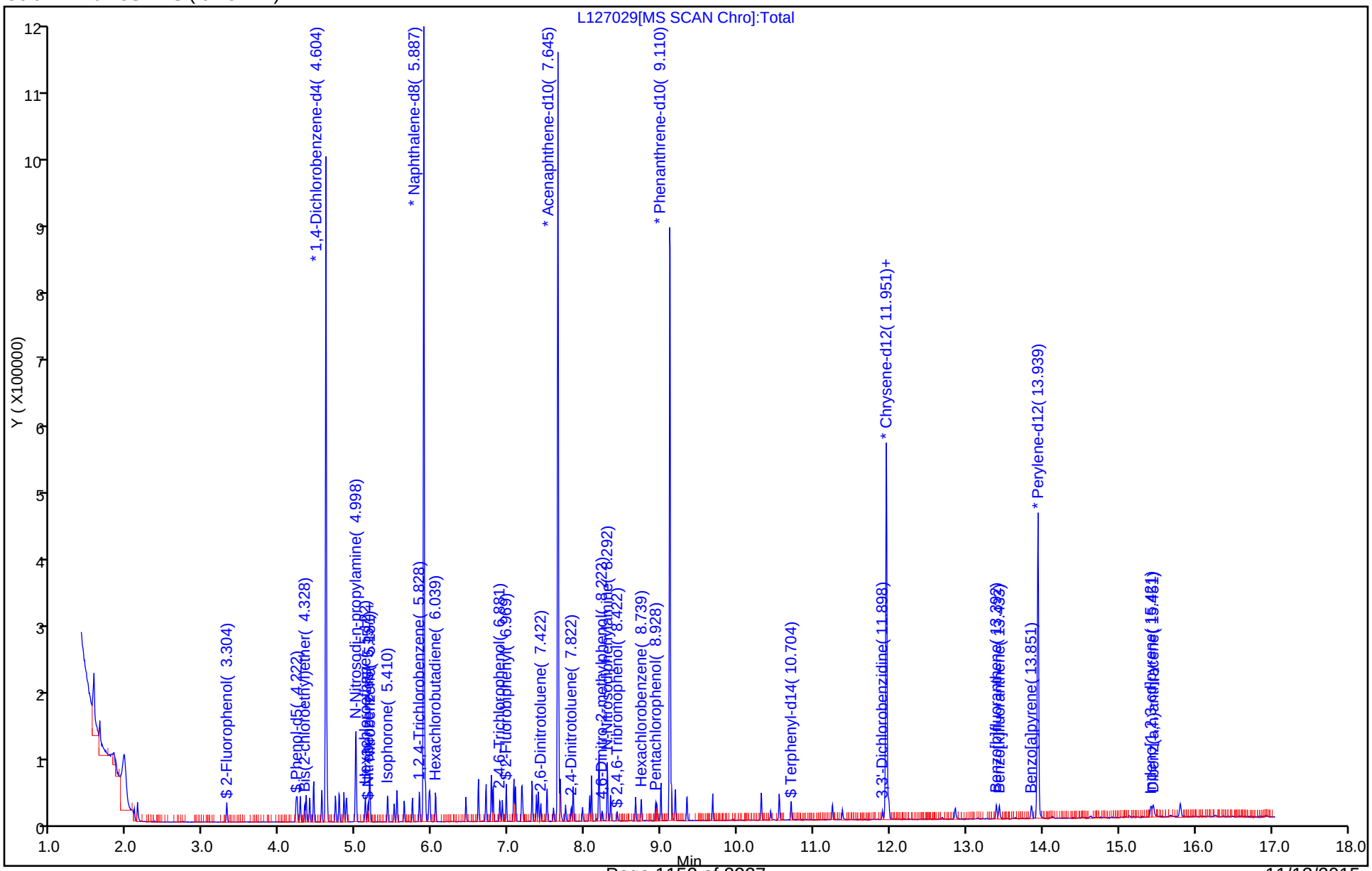
Report Date: 19-Oct-2015 21:05:04 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127029.D

Injection Date:	19-Oct-2015 16:54:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD2			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127030.D
Lims ID: std1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 19-Oct-2015 17:20:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-009
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-Oct-2015 21:05:08 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: bayoumiw Date: 19-Oct-2015 17:51:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.305	3.304	0.000	91	4253	1.00	0.99	
$ 6 Phenol-d5	99	4.216	4.228	-0.012	85	5095	1.00	1.00	
9 Bis(2-chloroethyl)ether	93	4.328	4.334	-0.006	95	4101	1.00	1.02	
* 13 1,4-Dichlorobenzene-d4	152	4.604	4.604	0.000	97	142369	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.999	5.010	-0.012	92	2642	1.00	0.9598	
25 Hexachloroethane	117	5.122	5.122	0.000	94	2315	1.00	1.07	
$ 26 Nitrobenzene-d5	82	5.157	5.163	-0.006	91	4465	1.00	1.00	
27 Nitrobenzene	77	5.175	5.181	-0.006	88	5899	1.00	0.99	
28 n,n'-Dimethylaniline	120	5.181	5.187	-0.006	90	6093	1.00	0.9523	
35 1,2,4-Trichlorobenzene	180	5.828	5.834	-0.006	93	3995	1.00	0.9784	
* 36 Naphthalene-d8	136	5.887	5.893	-0.006	100	487980	40.0	40.0	
39 Hexachlorobutadiene	225	6.040	6.045	-0.005	93	2143	1.00	0.8929	
$ 50 2-Fluorobiphenyl	172	6.969	6.975	-0.006	97	8174	1.00	1.00	
60 2,6-Dinitrotoluene	165	7.422	7.428	-0.006	85	1279	1.00	0.8326	
* 63 Acenaphthene-d10	164	7.645	7.645	0.000	97	201746	40.0	40.0	
68 2,4-Dinitrotoluene	165	7.822	7.828	-0.006	35	1573	1.00	1.01	
$ 79 2,4,6-Tribromophenol	330	8.422	8.428	-0.006	89	717	1.00	1.03	
81 Hexachlorobenzene	284	8.739	8.739	0.000	94	1831	1.00	0.9352	
* 85 Phenanthrene-d10	188	9.110	9.116	-0.006	98	288928	40.0	40.0	
$ 94 Terphenyl-d14	244	10.704	10.704	0.000	98	4448	1.00	1.00	
99 Benzo[a]anthracene	228	11.939	11.939	0.000	96	5930	1.00	1.03	
* 100 Chrysene-d12	240	11.951	11.957	-0.006	100	192947	40.0	40.0	
104 Benzo[b]fluoranthene	252	13.392	13.404	-0.012	98	4775	1.00	0.9510	
105 Benzo[k]fluoranthene	252	13.433	13.439	-0.006	97	5089	1.00	0.99	
106 Benzo[a]pyrene	252	13.851	13.863	-0.012	96	4700	1.00	0.9504	
* 107 Perylene-d12	264	13.939	13.939	0.000	99	185266	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.421	15.439	-0.018	96	5202	1.00	0.9530	
109 Dibenz(a,h)anthracene	278	15.451	15.462	-0.011	94	5019	1.00	0.9311	

Reagents:

SV_IC_BNA_L2_00009 Amount Added: 1.00 Units: mL

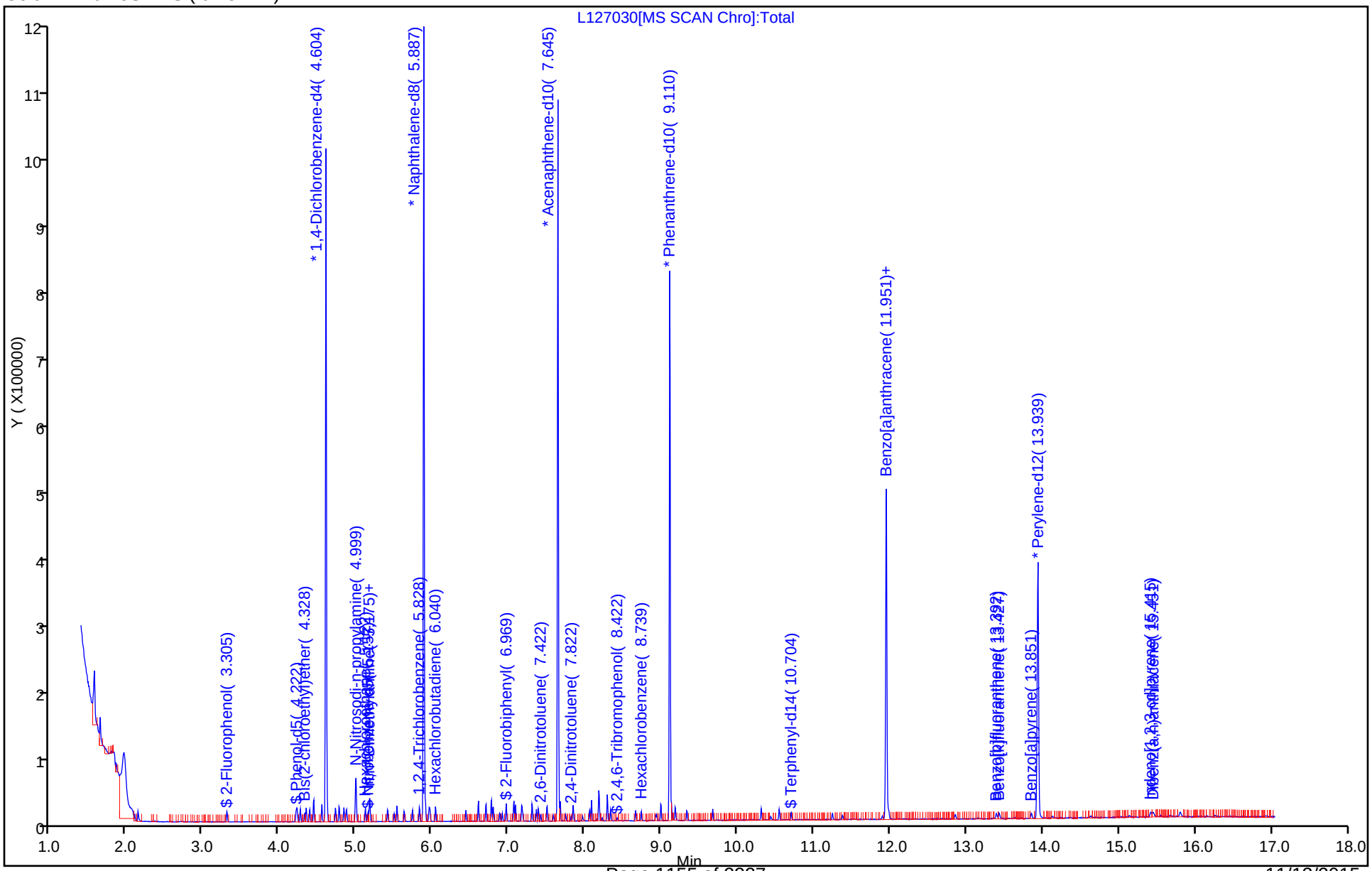
Report Date: 19-Oct-2015 21:05:09 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127030.D

Injection Date:	19-Oct-2015 17:20:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	std1			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127031.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 19-Oct-2015 17:45:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-010
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-Oct-2015 21:05:11 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: bayoumiw Date: 19-Oct-2015 20:26:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
9 Bis(2-chloroethyl)ether	93	4.328	4.334	-0.006	94	2288	0.5000	0.5224	
* 13 1,4-Dichlorobenzene-d4	152	4.604	4.604	0.000	97	154988	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.998	5.010	-0.012	80	1527	0.5000	0.5095	
25 Hexachloroethane	117	5.122	5.122	0.000	90	1210	0.5000	0.5147	
$ 26 Nitrobenzene-d5	82	5.157	5.163	-0.006	90	2327	0.5000	0.4968	
27 Nitrobenzene	77	5.175	5.181	-0.006	87	3064	0.5000	0.4893	
28 n,n'-Dimethylaniline	120	5.181	5.187	-0.006	91	3446	0.5000	0.4948	
35 1,2,4-Trichlorobenzene	180	5.828	5.834	-0.006	90	2150	0.5000	0.5006	
* 36 Naphthalene-d8	136	5.887	5.893	-0.006	100	513281	40.0	40.0	
$ 50 2-Fluorobiphenyl	172	6.969	6.975	-0.006	98	4239	0.5000	0.5113	
* 63 Acenaphthene-d10	164	7.645	7.645	0.000	97	204236	40.0	40.0	
81 Hexachlorobenzene	284	8.739	8.739	0.000	88	1037	0.5000	0.5417	
* 85 Phenanthrene-d10	188	9.110	9.116	-0.006	99	282514	40.0	40.0	
$ 94 Terphenyl-d14	244	10.704	10.704	0.000	96	2029	0.5000	0.4850	
99 Benzo[a]anthracene	228	11.933	11.939	-0.006	96	3105	0.5000	0.5738	
* 100 Chrysene-d12	240	11.951	11.957	-0.006	99	181455	40.0	40.0	
104 Benzo[b]fluoranthene	252	13.392	13.404	-0.012	34	2221	0.5000	0.4522	
105 Benzo[k]fluoranthene	252	13.433	13.439	-0.006	94	2419	0.5000	0.4817	
106 Benzo[a]pyrene	252	13.851	13.863	-0.012	91	2178	0.5000	0.4503	
* 107 Perylene-d12	264	13.939	13.939	0.000	98	181215	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.421	15.439	-0.018	94	2185	0.5000	0.4092	
109 Dibenz(a,h)anthracene	278	15.451	15.462	-0.011	93	2544	0.5000	0.4825	

Reagents:

SV_IC_BNA_L1_00010 Amount Added: 1.00 Units: mL

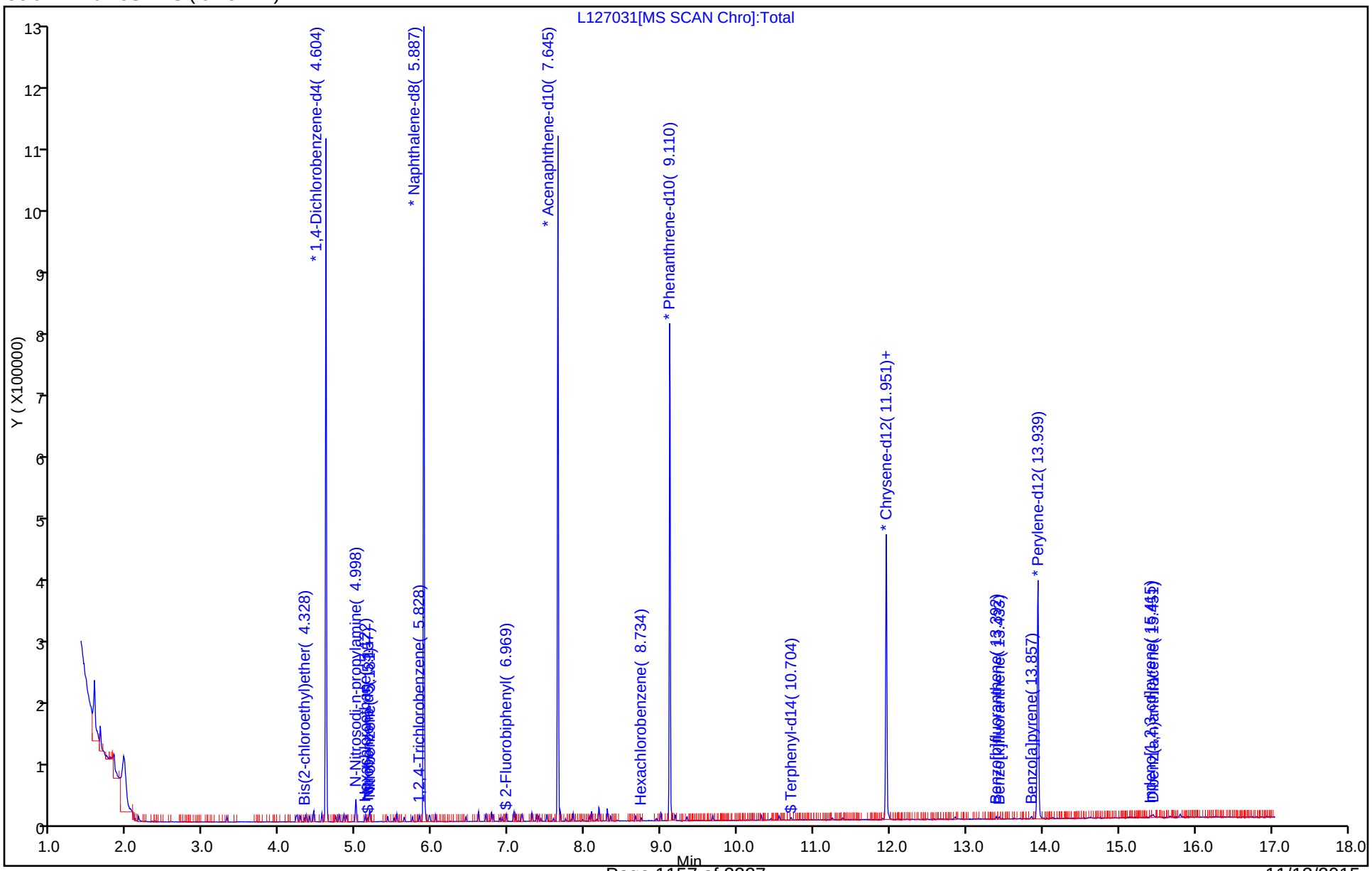
Report Date: 19-Oct-2015 21:05:13 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127031.D

Injection Date:	19-Oct-2015 17:45:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD05			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 329806

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2015 18:10 Calibration End Date: 10/19/2015 20:41 Calibration ID: 52867

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD2 460-329806/17	L127038.D
Level 2	STD5 460-329806/16	L127037.D
Level 3	STD010 460-329806/15	L127036.D
Level 4	STD020 460-329806/14	L127035.D
Level 5	STD50 460-329806/11	L127032.D
Level 6	STD080 460-329806/13	L127034.D
Level 7	STD120 460-329806/12	L127033.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzaldehyde	0.9951	1.0042 1.0301	0.9665	1.0523	1.0148	Ave		1.0105			0.0100	2.9		20.0			
Caprolactam	0.0705	0.0499 0.0725	0.0604	0.0709	0.0725	Ave		0.0661			0.0100	13.8		20.0			
Atrazine	0.1859 0.1959	0.1816 0.2057	0.1881	0.2052	0.2058	Ave		0.1954			0.0100	5.3		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 329806

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2015 18:10 Calibration End Date: 10/19/2015 20:41 Calibration ID: 52867

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD2 460-329806/17	L127038.D
Level 2	STD5 460-329806/16	L127037.D
Level 3	STD010 460-329806/15	L127036.D
Level 4	STD020 460-329806/14	L127035.D
Level 5	STD50 460-329806/11	L127032.D
Level 6	STD080 460-329806/13	L127034.D
Level 7	STD120 460-329806/12	L127033.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Benzaldehyde	DCB	Ave	281255	18992 416140	31075	78051	162305	80.0	5.00 120	10.0	20.0	50.0
Caprolactam	NPT	Ave	69944	3261 100782	6698	17953	40543	80.0	5.00 120	10.0	20.0	50.0
Atrazine	PHN	Ave	2966 129434	6965 184598	13872	34003	84168	2.00 80.0	5.00 120	10.0	20.0	50.0

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127032.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 19-Oct-2015 18:10:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-011
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub15

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-Oct-2015 21:05:16 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: bayoumiw Date: 19-Oct-2015 20:26:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.163	4.163	0.000	87	162305	50.0	50.2	
* 13 1,4-Dichlorobenzene-d4	152	4.604	4.604	0.000	97	127956	40.0	40.0	
* 36 Naphthalene-d8	136	5.887	5.887	0.000	100	447074	40.0	40.0	
40 Caprolactam	113	6.275	6.275	0.000	85	40543	50.0	54.9	
* 63 Acenaphthene-d10	164	7.645	7.645	0.000	97	194537	40.0	40.0	
82 Atrazine	200	8.822	8.822	0.000	90	84168	50.0	52.6	
* 85 Phenanthrene-d10	188	9.116	9.116	0.000	98	327230	40.0	40.0	
* 100 Chrysene-d12	240	11.951	11.951	0.000	99	258259	40.0	40.0	
* 107 Perylene-d12	264	13.939	13.939	0.000	98	263169	40.0	40.0	

Reagents:

SV_IC-S_L6_00013 Amount Added: 1.00 Units: mL

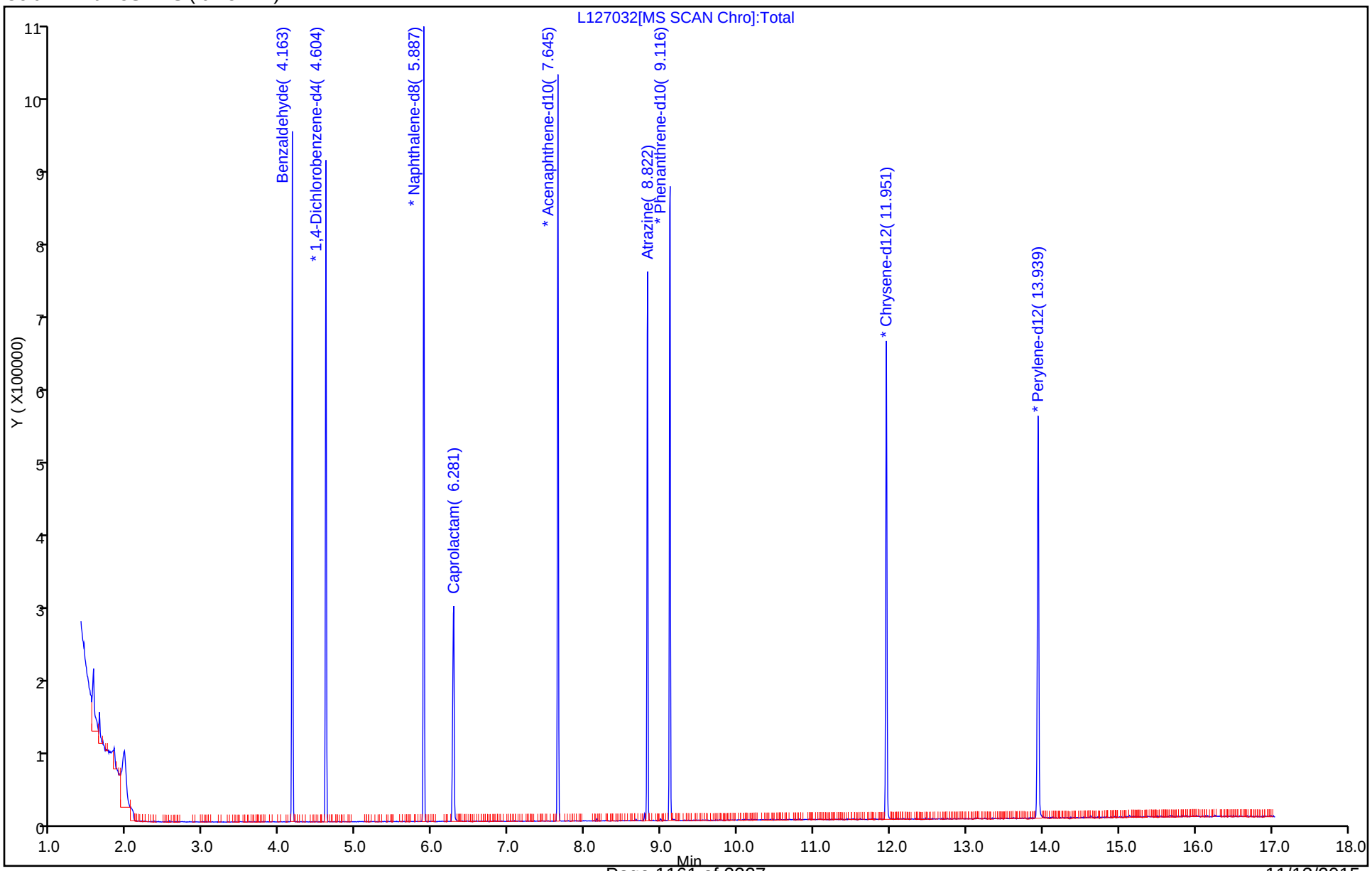
Report Date: 19-Oct-2015 21:05:17 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127032.D

Injection Date:	19-Oct-2015 18:10:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD50			Worklist Smp#:	11
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127033.D
Lims ID: STD120
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 19-Oct-2015 18:35:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-012
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub15

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-Oct-2015 21:05:20 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: bayoumiw Date: 19-Oct-2015 20:27:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.163	4.163	0.000	87	416140	120.0	122.3	
* 13 1,4-Dichlorobenzene-d4	152	4.598	4.604	-0.006	97	134664	40.0	40.0	
* 36 Naphthalene-d8	136	5.887	5.887	0.000	100	463353	40.0	40.0	
40 Caprolactam	113	6.298	6.275	0.023	86	100782	120.0	131.6	
* 63 Acenaphthene-d10	164	7.645	7.645	0.000	97	194238	40.0	40.0	
82 Atrazine	200	8.828	8.822	0.006	90	184598	120.0	126.3	
* 85 Phenanthrene-d10	188	9.116	9.116	0.000	98	299153	40.0	40.0	
* 100 Chrysene-d12	240	11.951	11.951	0.000	99	203304	40.0	40.0	
* 107 Perylene-d12	264	13.939	13.939	0.000	98	188726	40.0	40.0	

Reagents:

SV_IC-S_L8_00004 Amount Added: 1.00 Units: mL

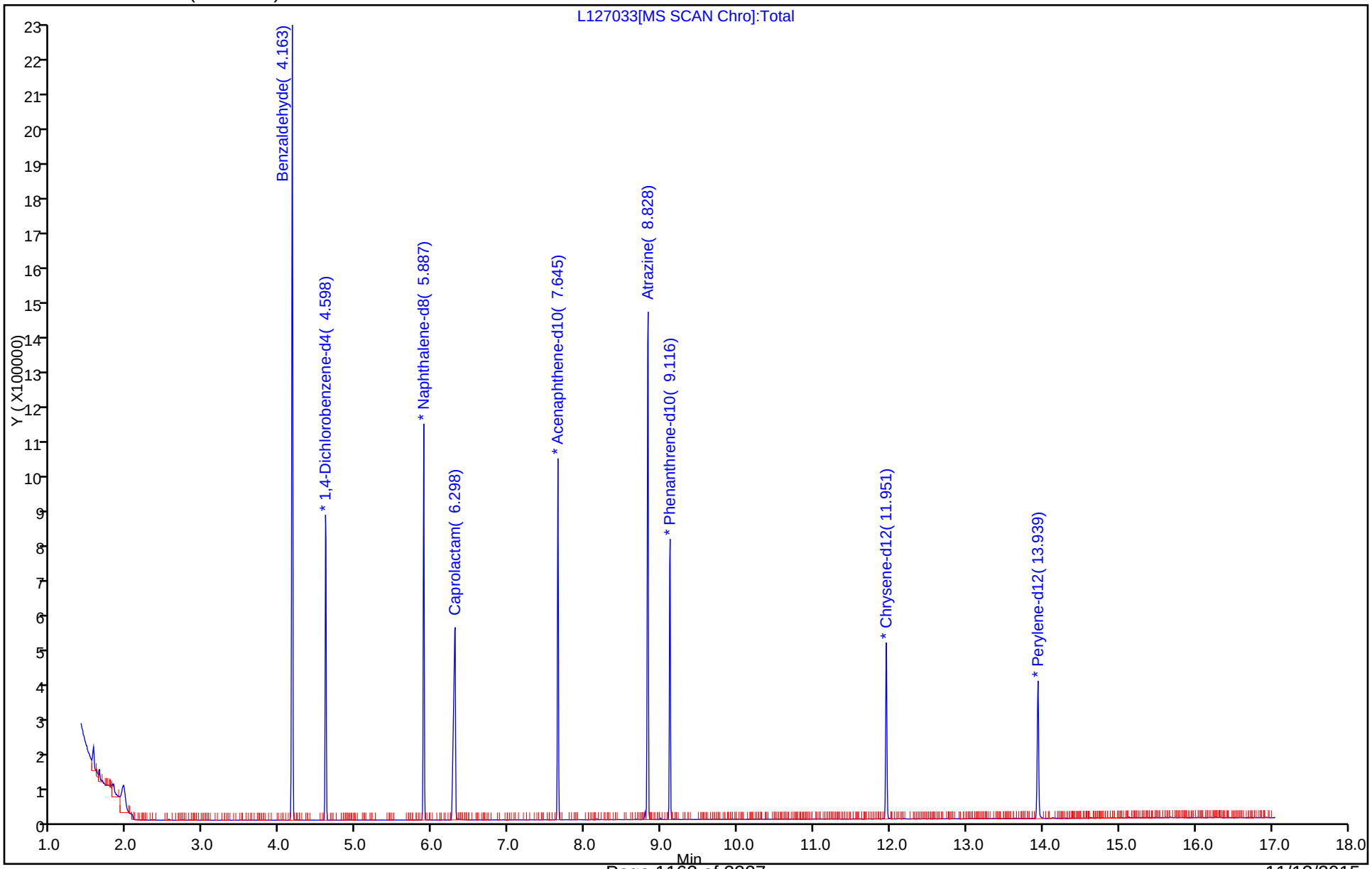
Report Date: 19-Oct-2015 21:05:22 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127033.D

Injection Date:	19-Oct-2015 18:35:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD120			Worklist Smp#:	12
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127034.D
Lims ID: STD080
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 19-Oct-2015 19:00:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-013
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub15

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-Oct-2015 21:05:27 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: bayoumiw Date: 19-Oct-2015 20:27:27

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.169	4.163	0.006	86	281255	80.0	78.8	
* 13 1,4-Dichlorobenzene-d4	152	4.604	4.604	0.000	97	141325	40.0	40.0	
* 36 Naphthalene-d8	136	5.887	5.887	0.000	100	496384	40.0	40.0	
40 Caprolactam	113	6.287	6.275	0.012	86	69944	80.0	85.2	
* 63 Acenaphthene-d10	164	7.645	7.645	0.000	97	217580	40.0	40.0	
82 Atrazine	200	8.822	8.822	0.000	87	129434	80.0	80.2	
* 85 Phenanthrene-d10	188	9.116	9.116	0.000	98	330428	40.0	40.0	
* 100 Chrysene-d12	240	11.951	11.951	0.000	99	210942	40.0	40.0	
* 107 Perylene-d12	264	13.939	13.939	0.000	98	211585	40.0	40.0	

Reagents:

SV_IC-S_L7_00004 Amount Added: 1.00 Units: mL

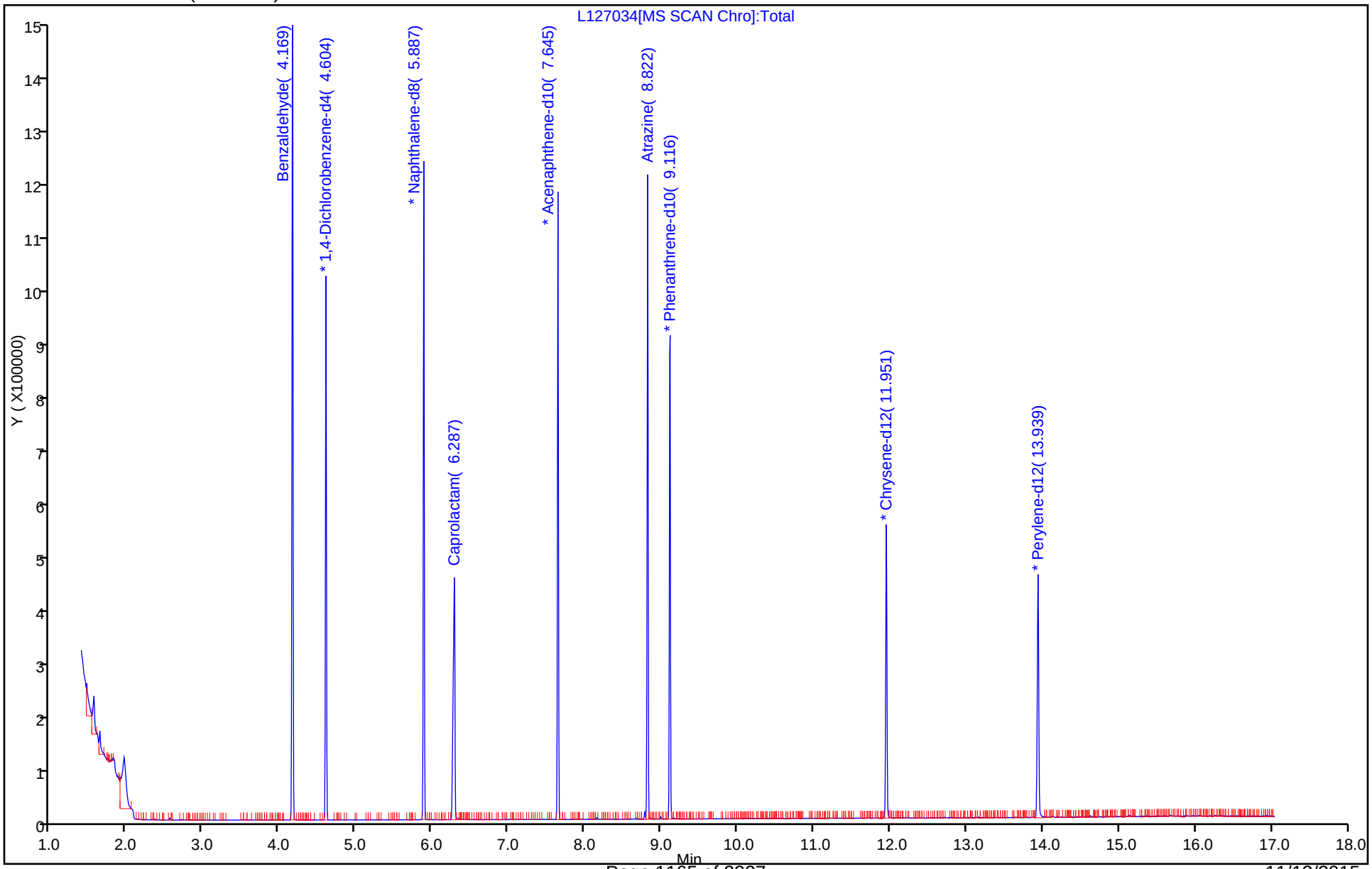
Report Date: 19-Oct-2015 21:05:29 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127034.D

Injection Date:	19-Oct-2015 19:00:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD080			Worklist Smp#:	13
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127035.D
Lims ID: STD020
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 19-Oct-2015 19:25:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-014
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub15

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-Oct-2015 21:05:31 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: bayoumiw Date: 19-Oct-2015 20:27:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.157	4.163	-0.006	87	78051	20.0	20.8	
* 13 1,4-Dichlorobenzene-d4	152	4.604	4.604	0.000	97	148339	40.0	40.0	
* 36 Naphthalene-d8	136	5.887	5.887	0.000	100	506238	40.0	40.0	
40 Caprolactam	113	6.269	6.275	-0.006	86	17953	20.0	21.5	
* 63 Acenaphthene-d10	164	7.645	7.645	0.000	98	213919	40.0	40.0	
82 Atrazine	200	8.816	8.822	-0.006	87	34003	20.0	21.0	
* 85 Phenanthrene-d10	188	9.116	9.116	0.000	98	331461	40.0	40.0	
* 100 Chrysene-d12	240	11.951	11.951	0.000	99	216521	40.0	40.0	
* 107 Perylene-d12	264	13.939	13.939	0.000	98	206023	40.0	40.0	

Reagents:

SV_IC-S_L5_00007 Amount Added: 1.00 Units: mL

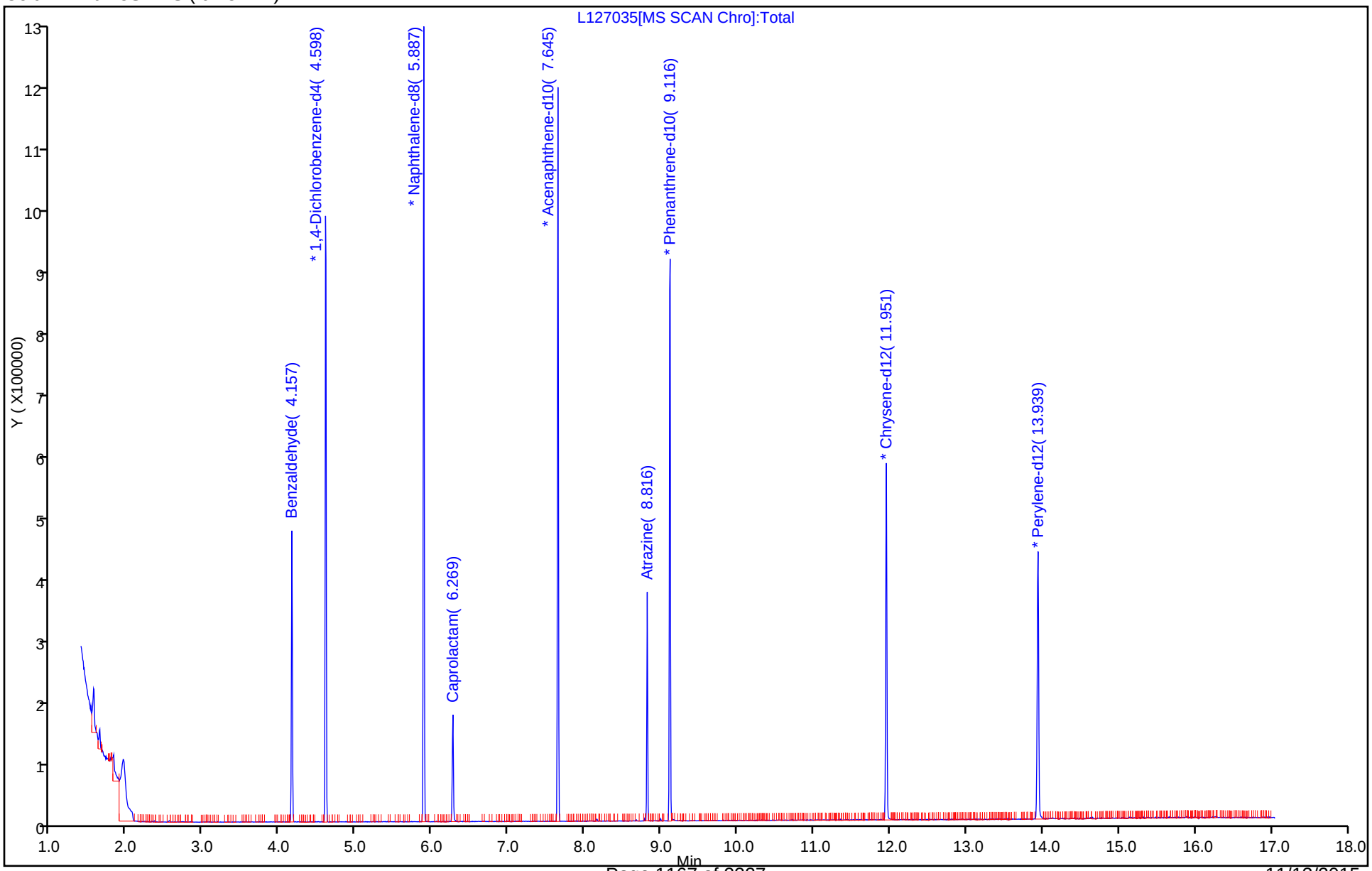
Report Date: 19-Oct-2015 21:05:32 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127035.D

Injection Date:	19-Oct-2015 19:25:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD020			Worklist Smp#:	14
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127036.D
Lims ID: STD010
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 19-Oct-2015 19:51:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-015
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub15

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-Oct-2015 21:05:36 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: bayoumiw Date: 19-Oct-2015 20:28:17

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.157	4.163	-0.006	85	31075	10.0	9.56	
* 13 1,4-Dichlorobenzene-d4	152	4.598	4.604	-0.006	97	128608	40.0	40.0	
* 36 Naphthalene-d8	136	5.887	5.887	0.000	100	443824	40.0	40.0	
40 Caprolactam	113	6.263	6.275	-0.012	84	6698	10.0	9.13	
* 63 Acenaphthene-d10	164	7.645	7.645	0.000	98	192361	40.0	40.0	
82 Atrazine	200	8.816	8.822	-0.006	84	13872	10.0	9.62	
* 85 Phenanthrene-d10	188	9.110	9.116	-0.006	99	295023	40.0	40.0	
* 100 Chrysene-d12	240	11.951	11.951	0.000	99	200575	40.0	40.0	
* 107 Perylene-d12	264	13.939	13.939	0.000	98	197033	40.0	40.0	

Reagents:

SV_IC-S_L4_00019 Amount Added: 1.00 Units: mL

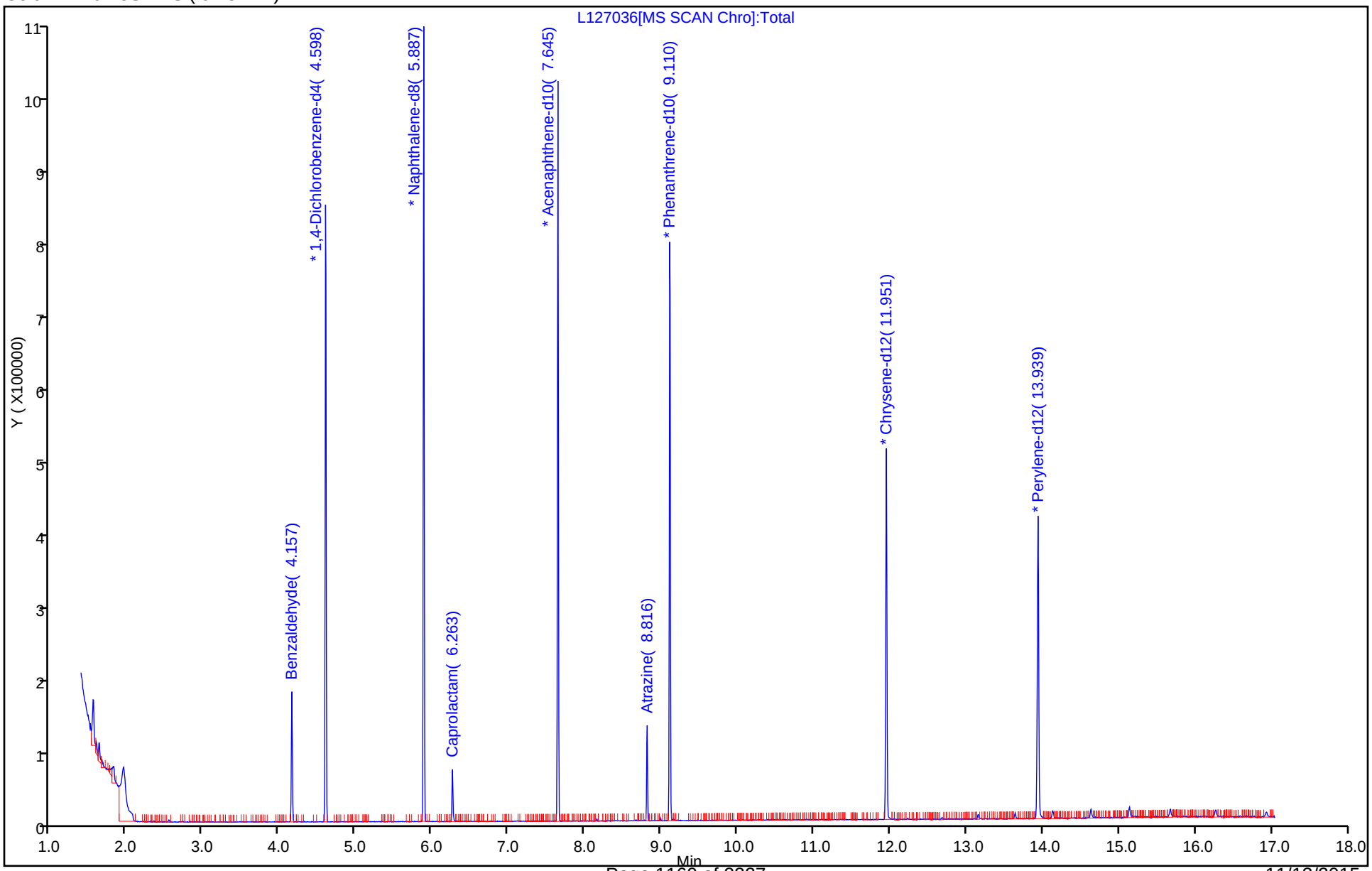
Report Date: 19-Oct-2015 21:05:37 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127036.D

Injection Date:	19-Oct-2015 19:51:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD010			Worklist Smp#:	15
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127037.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 19-Oct-2015 20:16:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-016
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub15

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-Oct-2015 21:19:51 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: bayoumiw Date: 19-Oct-2015 21:03:58

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.163	4.163	0.000	90	18992	5.00	4.97	
* 13 1,4-Dichlorobenzene-d4	152	4.604	4.604	0.000	97	151297	40.0	40.0	
* 36 Naphthalene-d8	136	5.887	5.887	-0.001	100	522387	40.0	40.0	
40 Caprolactam	113	6.263	6.275	-0.012	86	3261	5.00	3.78	
* 63 Acenaphthene-d10	164	7.645	7.645	0.000	97	218452	40.0	40.0	
82 Atrazine	200	8.816	8.822	-0.006	91	6965	5.00	4.65	
* 85 Phenanthrene-d10	188	9.116	9.116	0.000	98	306792	40.0	40.0	
* 100 Chrysene-d12	240	11.951	11.951	0.000	99	192825	40.0	40.0	
* 107 Perylene-d12	264	13.939	13.939	0.000	98	192887	40.0	40.0	

Reagents:

SV_IC-S_L3_00008 Amount Added: 1.00 Units: mL

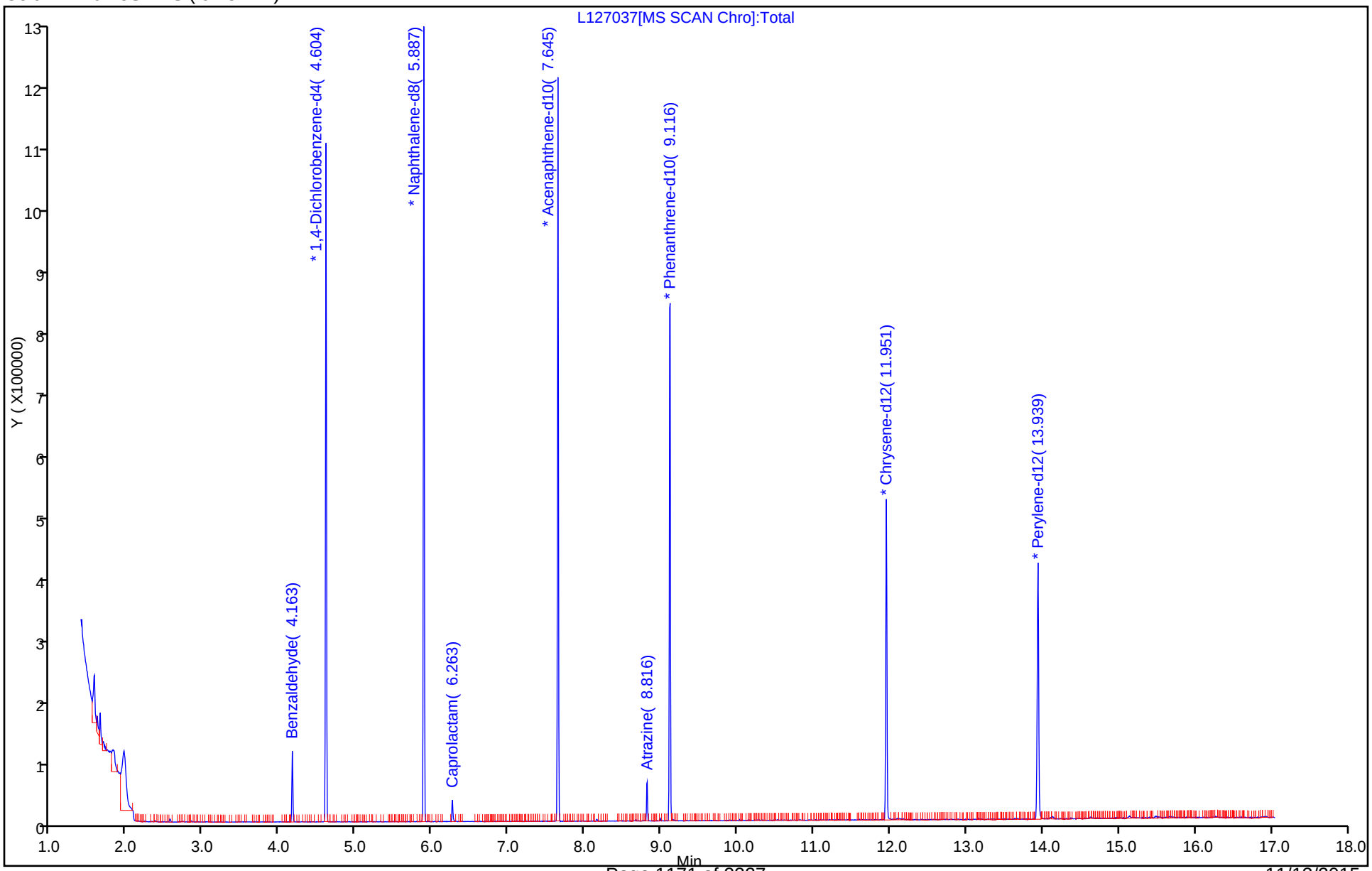
Report Date: 19-Oct-2015 21:19:53 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127037.D

Injection Date:	19-Oct-2015 20:16:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD5			Worklist Smp#:	16
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 19-Oct-2015 20:41:30 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-017
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub15

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-Oct-2015 21:05:41 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: bayoumiw Date: 19-Oct-2015 21:03:18

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 13 1,4-Dichlorobenzene-d4	152	4.604	4.604	0.000	97	150136	40.0	40.0	
* 36 Naphthalene-d8	136	5.887	5.887	0.000	100	515587	40.0	40.0	
* 63 Acenaphthene-d10	164	7.645	7.645	0.000	98	216662	40.0	40.0	
82 Atrazine	200	8.816	8.822	-0.006	91	2966	2.00	1.90	
* 85 Phenanthrene-d10	188	9.110	9.116	-0.006	99	319180	40.0	40.0	
* 100 Chrysene-d12	240	11.951	11.951	0.000	99	205541	40.0	40.0	
* 107 Perylene-d12	264	13.939	13.939	0.000	98	205000	40.0	40.0	

Reagents:

SV_IC-S_L2_00007 Amount Added: 1.00 Units: mL

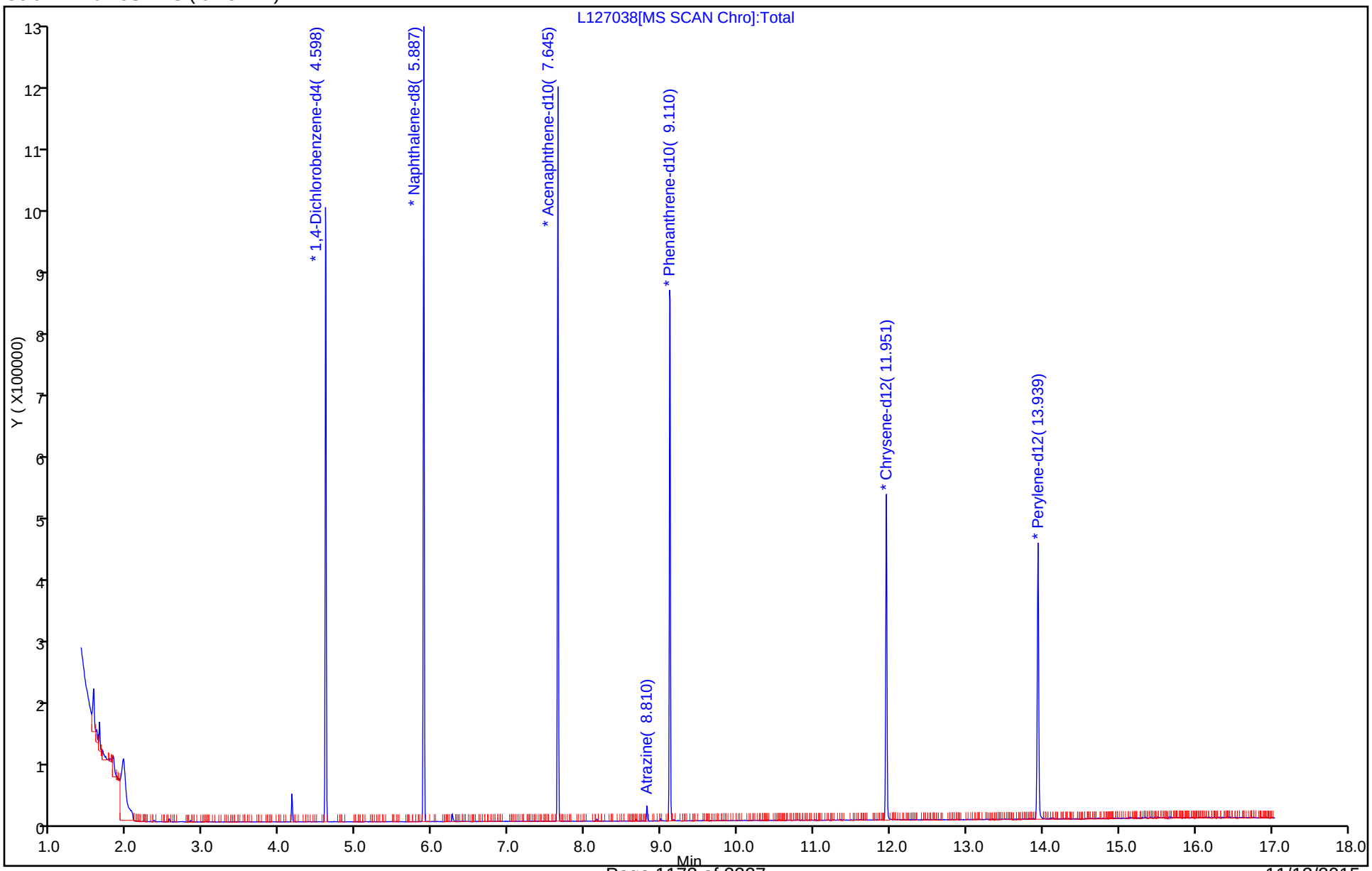
Report Date: 19-Oct-2015 21:05:43 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Injection Date:	19-Oct-2015 20:41:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD2			Worklist Smp#:	17
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 333983

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/08/2015 14:39 Calibration End Date: 11/08/2015 18:16 Calibration ID: 53178

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-333983/10	x8331.D
Level 2	STD1 460-333983/9	x8330.D
Level 3	STD2 460-333983/8	x8329.D
Level 4	STD5 460-333983/7	x8328.D
Level 5	STD10 460-333983/6	x8327.D
Level 6	STD20 460-333983/5	x8326.D
Level 7	ICIS 460-333983/2	x8323.D
Level 8	STD80 460-333983/4	x8325.D
Level 9	STD120 460-333983/3	x8324.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.5919	0.6092	0.5804	0.5514 0.5891	0.5927	Ave		0.5858				3.3		20.0			
N-Nitrosodimethylamine	0.8003	0.8130	0.7715	0.7579 0.7905	0.8013	Ave		0.7891				2.6		20.0			
Pyridine	1.4633	1.4168	1.3632	1.3717 1.3573	1.3821	Ave		1.3924				2.9		20.0			
Phenol	1.7328	1.8002	1.7269	1.6309 1.7157	1.7185	Ave		1.7208			0.8000	3.1		20.0			
Aniline	2.0103	1.9713	1.9274	1.8280 1.9609	1.9738	Ave		1.9453				3.3		20.0			
Bis(2-chloroethyl)ether	1.3126 1.2308	1.2683 1.2339	1.1691 1.2030	1.1607 1.2344	1.2476	Ave		1.2289			0.7000	3.8		20.0			
2-Chlorophenol	1.4564	1.4173	1.3885	1.3640 1.3935	1.4884	Ave		1.4180			0.8000	3.3		20.0			
n-Decane	1.5138	1.4788	1.3957	1.4620 1.3676	1.5096	Ave		1.4546				4.1		20.0			
1,3-Dichlorobenzene	1.6098	1.5909	1.5501	1.5368 1.5483	1.6256	Ave		1.5769				2.3		20.0			
1,4-Dichlorobenzene	1.6276	1.5920	1.5543	1.5732 1.5311	1.6629	Ave		1.5902				3.0		20.0			
Benzyl alcohol	0.8173	0.8067	0.8229	0.7655 0.8382	0.8147	Ave		0.8109				3.0		20.0			
1,2-Dichlorobenzene	1.5233	1.4939	1.4619	1.4377 1.4144	1.5607	Ave		1.4820				3.7		20.0			
2-Methylphenol	1.1958	1.1748	1.1524	1.1540 1.1469	1.2360	Ave		1.1766			0.7000	2.9		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 333983

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/08/2015 14:39 Calibration End Date: 11/08/2015 18:16 Calibration ID: 53178

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2,2'-oxybis[1-chloropropane]	1.6012	1.5614	1.4877	1.5682 1.4546	1.5803	Ave		1.5422			0.0100	3.7		20.0			
Acetophenone	1.6474	1.5748	1.5542	1.5697 1.5375	1.6532	Ave		1.5895			0.0100	3.1		20.0			
N-Nitrosodi-n-propylamine	0.8577 0.8183	0.8255 0.8001	0.7857 0.7721	0.7869 0.7765	0.8172	Ave		0.8044			0.5000	3.4		20.0			
3 & 4 Methylphenol	1.3586	1.2996	1.2717	1.2776 1.1511	1.3679	Ave		1.2878				6.1		20.0			
4-Methylphenol	1.3586	1.2996	1.2717	1.2776 1.1511	1.3679	Ave		1.2878			0.6000	6.1		20.0			
Hexachloroethane	0.5547 0.5699	0.5591 0.5555	0.5272 0.5530	0.5426 0.5424	0.5803	Ave		0.5539			0.3000	2.8		20.0			
Nitrobenzene	0.4783 0.4917	0.4796 0.4890	0.4633 0.4584	0.4730 0.4576	0.4825	Ave		0.4748			0.2000	2.7		20.0			
n,n'-Dimethylaniline	1.9356 2.0447	1.9644 2.0389	1.9884 1.9328	1.9846 1.9173	1.9308	Ave		1.9708				2.4		20.0			
Isophorone	0.5728	0.5710	0.5382 0.5477	0.5418 0.5094	0.5703	Ave		0.5502			0.4000	4.2		20.0			
2-Nitrophenol	0.1966	0.2016	0.1995	0.1762 0.2037	0.1958	Ave		0.1956			0.1000	5.1		20.0			
2,4-Dimethylphenol	0.3217	0.3191	0.3118	0.3036 0.3152	0.3333	Ave		0.3174			0.2000	3.1		20.0			
Bis(2-chloroethoxy)methane	0.3601	0.3649	0.3561	0.3421 0.3538	0.3677	Ave		0.3575			0.3000	2.6		20.0			
Benzoic acid	0.1419	0.1591	0.1578	0.0388 0.1635	0.0945	Lin2	-0.665	0.1692			0.0100				0.9990		0.9900
2,4-Dichlorophenol	0.2905	0.2854	0.2828	0.2713 0.2840	0.2968	Ave		0.2852			0.2000	3.0		20.0			
1,2,4-Trichlorobenzene	0.3128 0.3108	0.3180 0.3064	0.2974 0.3060	0.2958 0.3078	0.3222	Ave		0.3086				2.8		20.0			
Naphthalene	1.0660	1.0371	1.0022	1.0346 0.9931	1.1052	Ave		1.0397			0.7000	4.0		20.0			
4-Chloroaniline	0.4261	0.4288	0.4098	0.4029 0.4113	0.4339	Ave		0.4188			0.0100	3.0		20.0			
Hexachlorobutadiene	0.1685	0.1659 0.1696	0.1636 0.1674	0.1642 0.1695	0.1809	Ave		0.1687			0.0100	3.2		20.0			
4-Chloro-3-methylphenol	0.2623	0.2539	0.2453	0.2441 0.2513	0.2587	Ave		0.2526			0.2000	2.9		20.0			
2-Methylnaphthalene	0.6799	0.6659	0.6449	0.6468 0.6302	0.7007	Ave		0.6614			0.4000	3.9		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 333983

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/08/2015 14:39 Calibration End Date: 11/08/2015 18:16 Calibration ID: 53178

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1-Methylnaphthalene	0.5866	0.5734	0.5533	0.5535 0.5512	0.6002	Ave		0.5697				3.6		20.0			
Hexachlorocyclopentadiene	0.3761	0.4188	0.4378	0.3164 0.4277	0.3766	Ave		0.3922			0.0500	11.6		20.0			
1,2,4,5-Tetrachlorobenzene	0.6597	0.6539	0.6665	0.6329 0.6470	0.7084	Ave		0.6614			0.0100	3.9		20.0			
2-tertbutyl-4-methylphenol	0.4181	0.4361	0.4119	0.4042 0.4165	0.4081	Ave		0.4158				2.7		20.0			
2,4,6-Trichlorophenol	0.4213	0.4232	0.3694 0.4309	0.3931 0.4430	0.4340	Ave		0.4164			0.2000	6.2		20.0			
2,4,5-Trichlorophenol	0.4364	0.4313	0.4369	0.4241 0.4430	0.4607	Ave		0.4388			0.2000	2.8		20.0			
Diphenyl	1.7937	1.7727	1.7510	1.7591 1.6676	1.8900	Ave		1.7724			0.0100	4.1		20.0			
2-Chloronaphthalene	1.3620	1.3636	1.3495	1.3348 1.3242	1.4475	Ave		1.3636			0.8000	3.2		20.0			
Phenyl ether	0.9352	0.9714	0.9375	0.9225 0.9645	0.9014	Ave		0.9387				2.8		20.0			
2-Nitroaniline	0.4140	0.4170	0.3883	0.3979 0.3291	0.4088	Ave		0.3925			0.0100	8.4		20.0			
1,3-Dimethylnaphthalene	1.1265	1.1625	1.0945	1.1139 1.0952	1.1052	Ave		1.1163				2.3		20.0			
Dimethyl phthalate	1.2671	1.2495	1.2051	1.2060 1.2361	1.2943	Ave		1.2430			0.0100	2.8		20.0			
Coumarin	0.1709	0.1761	0.1589	0.1664 0.1746	0.1577	Ave		0.1674				4.7		20.0			
2,6-Dinitrotoluene	0.3095	0.2606 0.3050	0.2459 0.2951	0.2813 0.3127	0.3012	Ave		0.2889			0.2000	8.4		20.0			
Acenaphthylene	2.0499	2.0077	1.9129	1.9920 1.9536	2.1264	Ave		2.0071			0.9000	3.7		20.0			
3-Nitroaniline	0.3364	0.3285	0.3190	0.3043 0.3365	0.3294	Ave		0.3257			0.0100	3.8		20.0			
3,5-di-tert-butyl-4-hydroxytol	1.2079	1.2626	1.2013	1.1597 1.2179	1.1690	Ave		1.2031				3.1		20.0			
Acenaphthene	1.2928	1.2171	1.1655	1.2324 1.1521	1.3177	Ave		1.2296			0.9000	5.4		20.0			
2,4-Dinitrophenol	0.1488	0.1659	0.0310 0.1721	0.0815 0.1879	0.1183	Qua	-0.600	0.1539	0.0001506		0.0100				1.0000		0.9900
4-Nitrophenol	0.2004	0.1984	0.1832	0.1865 0.1978	0.1866	Ave		0.1922			0.0100	3.9		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 333983

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/08/2015 14:39 Calibration End Date: 11/08/2015 18:16 Calibration ID: 53178

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2,4-Dinitrotoluene	0.3583	0.2719 0.3602	0.2736 0.3406	0.3168 0.3651	0.3488	Ave		0.3294			0.2000	11.6		20.0			
Dibenzofuran	1.7864	1.7362	1.6932	1.7143 1.6945	1.8249	Ave		1.7416			0.8000	3.1		20.0			
2,3,4,6-Tetrachlorophenol	0.3044	0.2994	0.2999	0.2633 0.3139	0.2995	Ave		0.2967			0.0100	5.8		20.0			
Diethyl phthalate	1.1354	1.1002	1.0612	1.0365 1.0869	1.1106	Ave		1.0885			0.0100	3.3		20.0			
4-Chlorophenyl phenyl ether	0.6579	0.6406	0.6130	0.6167 0.6087	0.6744	Ave		0.6352			0.4000	4.2		20.0			
Fluorene	1.4343	1.3678	1.2813	1.3350 1.2444	1.4677	Ave		1.3551			0.9000	6.4		20.0			
4-Nitroaniline	0.2935	0.2931	0.2717	0.2868 0.2608	0.2854	Ave		0.2819			0.0100	4.6		20.0			
4,6-Dinitro-2-methylphenol	0.1271	0.1435	0.0467 0.1467	0.0857 0.1602	0.1127	Lin2	-0.427	0.1447			0.0100				0.9910		0.9900
N-Nitrosodiphenylamine	0.8161	0.8127	0.8031 0.8066	0.7596 0.7848	0.8384	Ave		0.8030			0.0100	3.1		20.0			
1,2-Diphenylhydrazine	0.8829	0.8890	0.8803	0.8202 0.8483	0.8727	Ave		0.8656				3.0		20.0			
4-Bromophenyl phenyl ether	0.2444	0.2431	0.2568	0.2155 0.2596	0.2519	Ave		0.2452			0.1000	6.5		20.0			
Hexachlorobenzene	0.2483 0.2531	0.2284 0.2592	0.2325 0.2742	0.2321 0.2782	0.2576	Ave		0.2515			0.1000	7.2		20.0			
Pentachlorophenol	0.1210	0.1436	0.0413 0.1488	0.0780 0.1631	0.1040	Qua	-0.494	0.1308	0.0001421		0.0500				1.0000		0.9900
Pentachloronitrobenzene	0.0831	0.0908	0.0863	0.0728 0.0913	0.0768	Ave		0.0835			0.0100	9.0		20.0			
n-Octadecane	0.5924	0.6115	0.6136	0.5097 0.5791	0.5535	Ave		0.5766				6.9		20.0			
Phenanthrene	1.1830	1.1727	1.1624	1.1447 1.1634	1.1978	Ave		1.1707			0.7000	1.6		20.0			
Anthracene	1.1731	1.1916	1.1639	1.1197 1.1860	1.1934	Ave		1.1713			0.7000	2.4		20.0			
Carbazole	0.9661	0.9866	0.9430	0.9702 0.9956	0.9992	Ave		0.9768			0.0100	2.2		20.0			
Di-n-butyl phthalate	1.0677	1.1082	1.0805	1.0036 1.1255	1.0656	Ave		1.0752			0.0100	3.9		20.0			
Fluoranthene	0.9450	0.9638	0.9290	0.9427 0.9977	0.9863	Ave		0.9608			0.6000	2.8		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 333983

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/08/2015 14:39 Calibration End Date: 11/08/2015 18:16 Calibration ID: 53178

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Benzidine	0.4927	0.5020	0.4694	0.4503 0.5583	0.4574	Ave		0.4884				8.1		20.0			
Pyrene	1.7296	1.6398	1.6792	1.6617 1.6800	1.6951	Ave		1.6809			0.6000	1.8		20.0			
Bisphenol-A	0.5842	0.5794	0.6022	0.4941 0.6215	0.5920	Ave		0.5789				7.6		20.0			
Butyl benzyl phthalate	0.6071	0.6077	0.6104	0.5672 0.6270	0.6008	Ave		0.6034			0.0100	3.3		20.0			
2,3,7,8-TCDD		0.1368				Ave		0.1368						20.0			
Carbamazepine	0.3986	0.4458	0.4518	0.2695 0.4786	0.3383	Lin2	-1.048	0.4654			0.0100				0.9980		0.9900
3,3'-Dichlorobenzidine	0.4103	0.4057	0.2663 0.4300	0.3263 0.4604	0.3674	Ave		0.3809			0.0100	17.4		20.0			
Benzo[a]anthracene	1.4178 1.1918	1.2778 1.1854	1.1686 1.1758	1.1416 1.2072	1.2396	Ave		1.2228			0.8000	6.8		20.0			
Bis(2-ethylhexyl) phthalate	0.8267	0.8466	0.8330	0.7242 0.8521	0.8057	Ave		0.8147			0.0100	5.8		20.0			
Chrysene	1.1100	1.0816	1.0818	1.0853 1.0800	1.1592	Ave		1.0996			0.7000	2.8		20.0			
Di-n-octyl phthalate	1.5724	1.6703	1.5509	1.2736 1.6870	1.4638	Ave		1.5363			0.0100	9.9		20.0			
Benzo[b]fluoranthene	1.1588 1.1633	1.0819 1.2161	1.0286 1.2292	1.0929 1.2287	1.2082	Ave		1.1564			0.7000	6.3		20.0			
Benzo[k]fluoranthene	1.1432 1.3081	1.2388 1.2556	1.2202 1.2114	1.1419 1.3127	1.2765	Ave		1.2343			0.7000	5.1		20.0			
Benzo[a]pyrene	0.9232 1.0759	0.9265 1.1139	0.9328 1.0947	0.9568 1.1341	1.0904	Ave		1.0276			0.7000	8.8		20.0			
Indeno[1,2,3-cd]pyrene	0.6131 0.8235	0.5967 0.8968	0.5917 0.9490	0.6370 0.9931	0.7648	QuaF		0.8248	0.0014263		0.5000				1.0000		0.9900
Dibenz(a,h)anthracene	0.5746 0.8916	0.6390 0.9662	0.7054 1.0211	0.7854 1.0037	0.8534	Lin2	-0.207	0.9160			0.4000				0.9900		0.9900
Benzo[g,h,i]perylene	0.8672	0.9540	1.0145	0.7864 0.9889	0.8653	Ave		0.9127			0.5000	9.6		20.0			
2-Fluorophenol	1.4393	1.2827 1.4185	1.1722 1.4415	1.2473 1.3746	1.4443	Ave		1.3526				7.8		20.0			
Phenol-d5	1.6342	1.4801 1.5955	1.3679 1.6011	1.4368 1.5290	1.6282	Ave		1.5341				6.4		20.0			
Nitrobenzene-d5	0.3296 0.3716	0.3436 0.3655	0.3056 0.3672	0.3234 0.3497	0.3703	Ave		0.3474				6.8		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 333983

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/08/2015 14:39 Calibration End Date: 11/08/2015 18:16 Calibration ID: 53178

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2-Fluorobiphenyl	1.6019 1.6948	1.5590 1.6122	1.4784 1.6928	1.5096 1.5955	1.7211	Ave		1.6073				5.2		20.0			
2,4,6-Tribromophenol	 0.1766	0.1210 0.1713	0.1219 0.1845	0.1395 0.1856	0.1704	Ave		0.1588				17.1		20.0			
Terphenyl-d14	1.0048 1.1829	1.0552 1.1362	0.9436 1.2427	1.0280 1.2057	1.1739	Ave		1.1081				9.3		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 333983

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/08/2015 14:39 Calibration End Date: 11/08/2015 18:16 Calibration ID: 53178

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-333983/10	x8331.D
Level 2	STD1 460-333983/9	x8330.D
Level 3	STD2 460-333983/8	x8329.D
Level 4	STD5 460-333983/7	x8328.D
Level 5	STD10 460-333983/6	x8327.D
Level 6	STD20 460-333983/5	x8326.D
Level 7	ICIS 460-333983/2	x8323.D
Level 8	STD80 460-333983/4	x8325.D
Level 9	STD120 460-333983/3	x8324.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCB	Ave	39589	93601	146362	9481 215357	21229	20.0	50.0	80.0	5.00 120	10.0
N-Nitrosodimethylamine	DCB	Ave	53524	124919	194533	13032 288969	28700	20.0	50.0	80.0	5.00 120	10.0
Pyridine	DCB	Ave	97864	217702	343744	23586 496182	49499	20.0	50.0	80.0	5.00 120	10.0
Phenol	DCB	Ave	115893	276610	435454	28044 627194	61550	20.0	50.0	80.0	5.00 120	10.0
Aniline	DCB	Ave	134451	302901	486014	31432 716857	70693	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethyl)ether	DCB	Ave	2421 82317	4666 189598	8699 303356	19959 451256	44683	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Chlorophenol	DCB	Ave	97404	217785	350123	23454 509401	53308	20.0	50.0	80.0	5.00 120	10.0
n-Decane	DCB	Ave	101241	227224	351937	25139 499946	54067	20.0	50.0	80.0	5.00 120	10.0
1,3-Dichlorobenzene	DCB	Ave	107666	244451	390879	26426 566018	58220	20.0	50.0	80.0	5.00 120	10.0
1,4-Dichlorobenzene	DCB	Ave	108853	244627	391929	27051 559728	59557	20.0	50.0	80.0	5.00 120	10.0
Benzyl alcohol	DCB	Ave	54663	123955	207504	13163 306436	29179	20.0	50.0	80.0	5.00 120	10.0
1,2-Dichlorobenzene	DCB	Ave	101880	229552	368639	24721 517061	55897	20.0	50.0	80.0	5.00 120	10.0
2-Methylphenol	DCB	Ave	79973	180521	290592	19843 419276	44267	20.0	50.0	80.0	5.00 120	10.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	107087	239923	375143	26965 531761	56599	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 333983

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/08/2015 14:39 Calibration End Date: 11/08/2015 18:16 Calibration ID: 53178

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Acetophenone	DCB	Ave	110178	241984	391900	26991 562049	59209	20.0	50.0	80.0	5.00 120	10.0
N-Nitrosodi-n-propylamine	DCB	Ave	1582 54731	3037 122935	5846 194686	13531 283869	29267	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
3 & 4 Methylphenol	DCB	Ave	90866	199694	320676	21969 420813	48990	20.0	50.0	80.0	5.00 120	10.0
4-Methylphenol	DCB	Ave	90866	199694	320676	21969 420813	48990	20.0	50.0	80.0	5.00 120	10.0
Hexachloroethane	DCB	Ave	1023 38113	2057 85362	3923 139444	9330 198278	20785	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene	NPT	Ave	3182 115062	6262 258007	12037 403600	28221 578212	59758	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
n,n'-Dimethylaniline	DCB	Ave	3570 136749	7227 313296	14795 487378	34125 700897	69151	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Isophorone	NPT	Ave	134054	301270	13981 482177	32330 643669	70637	20.0	50.0	2.00 80.0	5.00 120	10.0
2-Nitrophenol	NPT	Ave	46016	106364	175673	10516 257357	24249	20.0	50.0	80.0	5.00 120	10.0
2,4-Dimethylphenol	NPT	Ave	75288	168335	274519	18115 398330	41275	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethoxy)methane	NPT	Ave	84276	192521	313516	20416 447056	45536	20.0	50.0	80.0	5.00 120	10.0
Benzoic acid	NPT	Lin2	33195	83939	138906	2314 206614	11704	20.0	50.0	80.0	5.00 120	10.0
2,4-Dichlorophenol	NPT	Ave	67986	150588	248989	16191 358907	36758	20.0	50.0	80.0	5.00 120	10.0
1,2,4-Trichlorobenzene	NPT	Ave	2081 72734	4152 161634	7725 269379	17649 388949	39903	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Naphthalene	NPT	Ave	249448	547187	882319	61733 1254811	136883	20.0	50.0	80.0	5.00 120	10.0
4-Chloroaniline	NPT	Ave	99724	226253	360800	24039 519730	53740	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobutadiene	NPT	Ave	39433	2166 89463	4250 147349	9795 214123	22409	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
4-Chloro-3-methylphenol	NPT	Ave	61390	133940	215954	14564 317508	32042	20.0	50.0	80.0	5.00 120	10.0
2-Methylnaphthalene	NPT	Ave	159107	351302	567733	38597 796240	86788	20.0	50.0	80.0	5.00 120	10.0
1-Methylnaphthalene	NPT	Ave	137263	302512	487112	33029 696498	74334	20.0	50.0	80.0	5.00 120	10.0
Hexachlorocyclopentadiene	ANT	Ave	36092	89355	151875	7447 217085	18512	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 333983

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/08/2015 14:39 Calibration End Date: 11/08/2015 18:16 Calibration ID: 53178

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,2,4,5-Tetrachlorobenzene	ANT	Ave	63306	139524	231201	14894 328371	34824	20.0	50.0	80.0	5.00 120	10.0
2-tertbutyl-4-methylphenol	NPT	Ave	97840	230095	362609	24121 526274	50551	20.0	50.0	80.0	5.00 120	10.0
2,4,6-Trichlorophenol	ANT	Ave	40430	90299	3762 149472	9251 224843	21335	20.0	50.0	2.00 80.0	5.00 120	10.0
2,4,5-Trichlorophenol	ANT	Ave	41882	92036	151553	9981 224823	22648	20.0	50.0	80.0	5.00 120	10.0
Diphenyl	ANT	Ave	172132	378267	607366	41399 846347	92909	20.0	50.0	80.0	5.00 120	10.0
2-Chloronaphthalene	ANT	Ave	130703	290963	468102	31413 672059	71157	20.0	50.0	80.0	5.00 120	10.0
Phenyl ether	ANT	Ave	89744	207271	325201	21710 489479	44309	20.0	50.0	80.0	5.00 120	10.0
2-Nitroaniline	ANT	Ave	39734	88983	134695	9365 167022	20096	20.0	50.0	80.0	5.00 120	10.0
1,3-Dimethylnaphthalene	ANT	Ave	108103	248062	379650	26214 555842	54327	20.0	50.0	80.0	5.00 120	10.0
Dimethyl phthalate	ANT	Ave	121600	266610	418003	28382 627358	63625	20.0	50.0	80.0	5.00 120	10.0
Coumarin	NPT	Ave	39996	92935	139906	9928 220559	19533	20.0	50.0	80.0	5.00 120	10.0
2,6-Dinitrotoluene	ANT	Ave	29704	1376 65073	2504 102346	6620 158690	14805	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acenaphthylene	ANT	Ave	196721	428392	663527	46878 991481	104527	20.0	50.0	80.0	5.00 120	10.0
3-Nitroaniline	ANT	Ave	32281	70091	110635	7161 170769	16192	20.0	50.0	80.0	5.00 120	10.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	115918	269414	416688	27293 618110	57464	20.0	50.0	80.0	5.00 120	10.0
Acenaphthene	ANT	Ave	124059	259711	404257	29003 584700	64773	20.0	50.0	80.0	5.00 120	10.0
2,4-Dinitrophenol	ANT	Qua	28562	70787	631 119373	3835 190751	11626	40.0	100	4.00 160	10.0 240	20.0
4-Nitrophenol	ANT	Ave	38472	84660	127109	8780 200808	18349	40.0	100	160	10.0 240	20.0
2,4-Dinitrotoluene	ANT	Ave	34385	1436 76867	2786 118147	7455 185287	17144	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenzofuran	ANT	Ave	171433	370471	587326	40343 860008	89709	20.0	50.0	80.0	5.00 120	10.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	29214	63893	104023	6197 159298	14723	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 333983

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/08/2015 14:39 Calibration End Date: 11/08/2015 18:16 Calibration ID: 53178

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Diethyl phthalate	ANT	Ave	108954	234755	368101	24393 551597	54597	20.0	50.0	80.0	5.00 120	10.0
4-Chlorophenyl phenyl ether	ANT	Ave	63137	136688	212646	14513 308938	33150	20.0	50.0	80.0	5.00 120	10.0
Fluorene	ANT	Ave	137645	291863	444424	31417 631562	72151	20.0	50.0	80.0	5.00 120	10.0
4-Nitroaniline	ANT	Ave	28167	62548	94251	6750 132371	14028	20.0	50.0	80.0	5.00 120	10.0
4,6-Dinitro-2-methylphenol	PHN	Lin2	33479	81419	1262 128791	5648 216248	15094	40.0	100	4.00 160	10.0 240	20.0
N-Nitrosodiphenylamine	PHN	Ave	182722	391949	18447 601775	42544 900509	95474	34.0	85.0	3.40 136	8.50 204	17.0
1,2-Diphenylhydrazine	PHN	Ave	116282	252215	386320	27024 572629	58456	20.0	50.0	80.0	5.00 120	10.0
4-Bromophenyl phenyl ether	PHN	Ave	32193	68976	112721	7099 175213	16875	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobenzene	PHN	Ave	898 33339	1685 73531	3141 120329	7648 187757	17253	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Pentachlorophenol	PHN	Qua	31861	81456	1116 130618	5138 220219	13934	40.0	100	4.00 160	10.0 240	20.0
Pentachloronitrobenzene	PHN	Ave	10942	25770	37882	2397 61651	5144	20.0	50.0	80.0	5.00 120	10.0
n-Octadecane	PHN	Ave	78030	173483	269295	16792 390887	37078	20.0	50.0	80.0	5.00 120	10.0
Phenanthrene	PHN	Ave	155814	332700	510121	37713 785314	80234	20.0	50.0	80.0	5.00 120	10.0
Anthracene	PHN	Ave	154511	338077	510802	36890 800554	79939	20.0	50.0	80.0	5.00 120	10.0
Carbazole	PHN	Ave	127244	279908	413857	31965 672010	66929	20.0	50.0	80.0	5.00 120	10.0
Di-n-butyl phthalate	PHN	Ave	140629	314415	474203	33064 759684	71377	20.0	50.0	80.0	5.00 120	10.0
Fluoranthene	PHN	Ave	124465	273451	407701	31059 673480	66065	20.0	50.0	80.0	5.00 120	10.0
Benzidine	PHN	Ave	64891	142424	206021	14837 376825	30640	20.0	50.0	80.0	5.00 120	10.0
Pyrene	CRY	Ave	123845	273338	397275	31674 674014	66452	20.0	50.0	80.0	5.00 120	10.0
Bisphenol-A	CRY	Ave	41831	96584	142484	9419 249329	23207	20.0	50.0	80.0	5.00 120	10.0
Butyl benzyl phthalate	CRY	Ave	43474	101292	144410	10812 251549	23554	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 333983

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/08/2015 14:39 Calibration End Date: 11/08/2015 18:16 Calibration ID: 53178

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,3,7,8-TCDD	CRY	Ave		228					0.500			
Carbamazepine	CRY	Lin2	28545	74317	106895	5138 192011	13262	20.0	50.0	80.0	5.00 120	10.0
3,3'-Dichlorobenzidine	CRY	Ave	29376	67634	2163 101725	6220 184697	14403	20.0	50.0	2.00 80.0	5.00 120	10.0
Benzo[a]anthracene	CRY	Ave	3323 85337	5935 197598	9491 278194	21760 484328	48596	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	59196	141112	197073	13804 341861	31584	20.0	50.0	80.0	5.00 120	10.0
Chrysene	CRY	Ave	79478	180300	255940	20688 433282	45445	20.0	50.0	80.0	5.00 120	10.0
Di-n-octyl phthalate	PRY	Ave	80882	200231	285589	16646 500950	43117	20.0	50.0	80.0	5.00 120	10.0
Benzo[b]fluoranthene	PRY	Ave	1928 59842	3510 145782	5959 226354	14284 364847	35590	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[k]fluoranthene	PRY	Ave	1902 67290	4019 150521	7069 223064	14924 389789	37602	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[a]pyrene	PRY	Ave	1536 55343	3006 133532	5404 201574	12505 336746	32120	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Indeno[1,2,3-cd]pyrene	PRY	QuaF	1020 42360	1936 107507	3428 174750	8326 294883	22527	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenz(a,h)anthracene	PRY	Lin2	956 45865	2073 115821	4087 188031	10265 298030	25138	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[g,h,i]perylene	PRY	Ave	44610	114368	186823	10278 293656	25488	20.0	50.0	80.0	5.00 120	10.0
2-Fluorophenol	DCB	Ave	96261	4719 217969	8722 363493	21448 502499	51727	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Phenol-d5	DCB	Ave	109296	5445 245159	10178 403748	24706 558942	58314	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene-d5	NPT	Ave	2193 86948	4486 192851	7938 323236	19297 441803	45861	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Fluorobiphenyl	ANT	Ave	4205 162641	8233 344013	15055 587185	35526 809757	84607	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2,4,6-Tribromophenol	ANT	Ave	16952	639 36554	1241 63986	3284 94174	8375	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Terphenyl-d14	CRY	Ave	2355 84702	4901 189390	7664 294012	19595 483709	46022	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 333983

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/08/2015 14:39 Calibration End Date: 11/08/2015 18:16 Calibration ID: 53178

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8323.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 08-Nov-2015 14:39:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033972-002
Misc. Info.: CCVIS
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub37

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 09-Nov-2015 14:31:52 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: bayoumiw Date: 08-Nov-2015 15:08:19

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.663	1.663	0.000	93	93601	50.0	52.0	
	2 N-Nitrosodimethylamine	74	1.893	1.893	0.000	89	124919	50.0	51.5	
	3 Pyridine	79	1.922	1.922	0.000	93	217702	50.0	50.9	
$	4 2-Fluorophenol	112	3.046	3.046	0.000	97	217969	50.0	52.4	
$	6 Phenol-d5	99	3.975	3.975	0.000	96	245159	50.0	52.0	
	7 Phenol	94	3.993	3.993	0.000	99	276610	50.0	52.3	
	8 Aniline	93	4.004	4.004	0.000	99	302901	50.0	50.7	
	9 Bis(2-chloroethyl)ether	93	4.069	4.069	0.000	98	189598	50.0	50.2	
	10 Benzonitrile	103	4.093	4.093	0.000	66	384090	NC	NC	
	11 2-Chlorophenol	128	4.128	4.128	0.000	97	217785	50.0	50.0	
	12 n-Decane	43	4.181	4.181	0.000	90	227224	50.0	50.8	
	13 1,3-Dichlorobenzene	146	4.281	4.281	0.000	97	244451	50.0	50.4	
*	14 1,4-Dichlorobenzene-d4	152	4.334	4.334	0.000	96	122926	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.351	4.351	0.000	95	244627	50.0	50.1	
	16 Benzyl alcohol	108	4.475	4.475	0.000	95	123955	50.0	49.7	
	17 1,2-Dichlorobenzene	146	4.504	4.504	0.000	97	229552	50.0	50.4	
	18 2-Methylphenol	108	4.593	4.593	0.000	91	180521	50.0	49.9	
	19 2,2'-oxybis[1-chloropropan	45	4.610	4.610	0.000	94	239923	50.0	50.6	
	20 N-Methylaniline	106	4.728	4.728	0.000	83	299646	NC	NC	
	22 N-Nitrosodi-n-propylamine	70	4.746	4.746	0.000	84	122935	50.0	49.7	
	21 Acetophenone	105	4.746	4.746	0.000	94	241984	50.0	49.5	
	24 4-Methylphenol	108	4.751	4.751	0.000	94	199694	50.0	50.5	
	23 3 & 4 Methylphenol	108	4.751	4.751	0.000	94	199694	50.0	50.5	
	25 Hexachloroethane	117	4.846	4.846	0.000	96	85362	50.0	50.2	
$	26 Nitrobenzene-d5	82	4.893	4.893	0.000	86	192851	50.0	52.6	
	27 n,n'-Dimethylaniline	120	4.916	4.916	0.000	94	313296	50.0	51.7	
	28 Nitrobenzene	77	4.916	4.916	0.000	97	258007	50.0	51.5	
	31 Isophorone	82	5.157	5.157	0.000	99	301270	50.0	51.9	
	32 2-Nitrophenol	139	5.228	5.228	0.000	96	106364	50.0	51.5	
	33 2,4-Dimethylphenol	122	5.281	5.281	0.000	93	168335	50.0	50.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.369	5.369	0.000	99	192521	50.0	51.0	
35 Benzoic acid	122	5.422	5.422	0.000	88	83939	50.0	50.9	
36 2,4-Dichlorophenol	162	5.475	5.475	0.000	97	150588	50.0	50.0	
37 1,2,4-Trichlorobenzene	180	5.557	5.557	0.000	94	161634	50.0	49.6	
* 38 Naphthalene-d8	136	5.610	5.610	0.000	99	422079	40.0	40.0	
39 Naphthalene	128	5.634	5.634	0.000	100	547187	50.0	49.9	
40 4-Chloroaniline	127	5.693	5.693	0.000	98	226253	50.0	51.2	
41 Hexachlorobutadiene	225	5.769	5.769	0.000	97	89463	50.0	50.3	
43 4-Chloro-3-methylphenol	107	6.181	6.181	0.000	96	133940	50.0	50.3	
44 2-Methylnaphthalene	142	6.328	6.328	0.000	87	351302	50.0	50.3	
45 1-Methylnaphthalene	142	6.428	6.428	0.000	94	302512	50.0	50.3	
46 Hexachlorocyclopentadiene	237	6.492	6.492	0.000	96	89355	50.0	53.4	
47 1,2,4,5-Tetrachlorobenzene	216	6.498	6.498	0.000	97	139524	50.0	49.4	
48 2-tertbutyl-4-methylphenol	149	6.534	6.534	0.000	93	230095	50.0	52.4	
49 2,4,6-Trichlorophenol	196	6.610	6.610	0.000	90	90299	50.0	50.8	
50 2,4,5-Trichlorophenol	196	6.645	6.645	0.000	98	92036	50.0	49.2	
$ 51 2-Fluorobiphenyl	172	6.692	6.692	0.000	98	344013	50.0	50.2	
52 1,1'-Biphenyl	154	6.792	6.792	0.000	95	378267	50.0	50.0	
53 2-Chloronaphthalene	162	6.810	6.810	0.000	98	290963	50.0	50.0	
54 Phenyl ether	170	6.898	6.898	0.000	84	207271	50.0	51.7	
56 2-Nitroaniline	65	6.916	6.916	0.000	94	88983	50.0	53.1	
57 1,3-Dimethylnaphthalene	156	7.028	7.028	0.000	94	248062	50.0	52.1	
58 Dimethyl phthalate	163	7.104	7.104	0.000	99	266610	50.0	50.3	
59 Coumarin	146	7.122	7.122	0.000	82	92935	50.0	52.6	
60 2,6-Dinitrotoluene	165	7.157	7.157	0.000	96	65073	50.0	52.8	
61 Acenaphthylene	152	7.222	7.222	0.000	98	428392	50.0	50.0	
64 3-Nitroaniline	138	7.322	7.322	0.000	98	70091	50.0	50.4	
* 65 Acenaphthene-d10	164	7.363	7.363	0.000	96	170703	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.392	7.392	0.000	96	269414	50.0	52.5	
67 Acenaphthene	154	7.398	7.398	0.000	94	259711	50.0	49.5	
68 2,4-Dinitrophenol	184	7.422	7.422	0.000	96	70787	100.0	101.6	
69 4-Nitrophenol	65	7.498	7.498	0.000	90	84660	100.0	103.2	
70 2,4-Dinitrotoluene	165	7.551	7.551	0.000	97	76867	50.0	54.7	
71 Dibenzofuran	168	7.569	7.569	0.000	97	370471	50.0	49.8	
72 2,3,4,6-Tetrachlorophenol	232	7.687	7.687	0.000	94	63893	50.0	50.5	
73 Diethyl phthalate	149	7.798	7.798	0.000	99	234755	50.0	50.5	
74 4-Chlorophenyl phenyl ethe	204	7.904	7.904	0.000	78	136688	50.0	50.4	
75 Fluorene	166	7.904	7.904	0.000	95	291863	50.0	50.5	
76 4-Nitroaniline	138	7.934	7.934	0.000	89	62548	50.0	52.0	
77 4,6-Dinitro-2-methylphenol	198	7.957	7.957	0.000	90	81419	100.0	102.1	
78 N-Nitrosodiphenylamine	169	8.028	8.028	0.000	66	391949	85.0	86.0	
79 1,2-Diphenylhydrazine	77	8.063	8.063	0.000	96	252215	50.0	51.4	
$ 80 2,4,6-Tribromophenol	330	8.139	8.139	0.000	94	36554	50.0	53.9	
81 4-Bromophenyl phenyl ether	248	8.381	8.381	0.000	94	68976	50.0	49.6	
83 Hexachlorobenzene	284	8.451	8.451	0.000	97	73531	50.0	51.5	
85 Pentachlorophenol	266	8.645	8.645	0.000	95	81456	100.0	102.2	
86 Pentachloronitrobenzene	237	8.657	8.657	0.000	89	25770	50.0	54.4	
87 n-Octadecane	57	8.728	8.728	0.000	92	173483	50.0	53.0	
* 88 Phenanthrene-d10	188	8.822	8.822	0.000	99	226968	40.0	40.0	
89 Phenanthrene	178	8.851	8.851	0.000	97	332700	50.0	50.1	
90 Anthracene	178	8.898	8.898	0.000	98	338077	50.0	50.9	
91 Carbazole	167	9.057	9.057	0.000	95	279908	50.0	50.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Di-n-butyl phthalate	149	9.398	9.398	0.000	100	314415	50.0	51.5	
93 Fluoranthene	202	10.016	10.016	0.000	97	273451	50.0	50.2	
94 Benzidine	184	10.145	10.145	0.000	99	142424	50.0	51.4	
95 Pyrene	202	10.239	10.239	0.000	97	273338	50.0	48.8	
82 Bisphenol-A	213	10.286	10.286	0.000	100	96584	50.0	50.0	
$ 96 Terphenyl-d14	244	10.398	10.398	0.000	99	189390	50.0	51.3	
97 Butyl benzyl phthalate	149	10.922	10.922	0.000	98	101292	50.0	50.4	
98 2,3,7,8-TCDD	320	11.033	11.033	0.000	86	228	0.5000	0.5000	
99 Carbamazepine	193	11.045	11.045	0.000	93	74317	50.0	50.2	
100 3,3'-Dichlorobenzidine	252	11.545	11.545	0.000	100	67634	50.0	53.3	
101 Benzo[a]anthracene	228	11.575	11.575	0.000	99	197598	50.0	48.5	
* 102 Chrysene-d12	240	11.586	11.586	0.000	99	133352	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.616	11.616	0.000	88	141112	50.0	52.0	
103 Chrysene	228	11.622	11.622	0.000	98	180300	50.0	49.2	
105 Di-n-octyl phthalate	149	12.474	12.474	0.000	98	200231	50.0	54.4	
106 Benzo[b]fluoranthene	252	12.980	12.980	0.000	98	145782	50.0	52.6	
107 Benzo[k]fluoranthene	252	13.016	13.016	0.000	99	150521	50.0	50.9	
108 Benzo[a]pyrene	252	13.427	13.427	0.000	96	133532	50.0	54.2	
* 109 Perylene-d12	264	13.504	13.504	0.000	97	95902	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.021	15.021	0.000	98	107507	50.0	50.0	
111 Dibenz(a,h)anthracene	278	15.057	15.057	0.000	96	115821	50.0	53.0	
112 Benzo[g,h,i]perylene	276	15.445	15.445	0.000	98	114368	50.0	52.3	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_IC_BNA_L6_00015 Amount Added: 1.00 Units: mL

Report Date: 09-Nov-2015 14:31:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8323.D

Injection Date: 08-Nov-2015 14:39:30 Instrument ID: CBNAMS5 Operator ID:

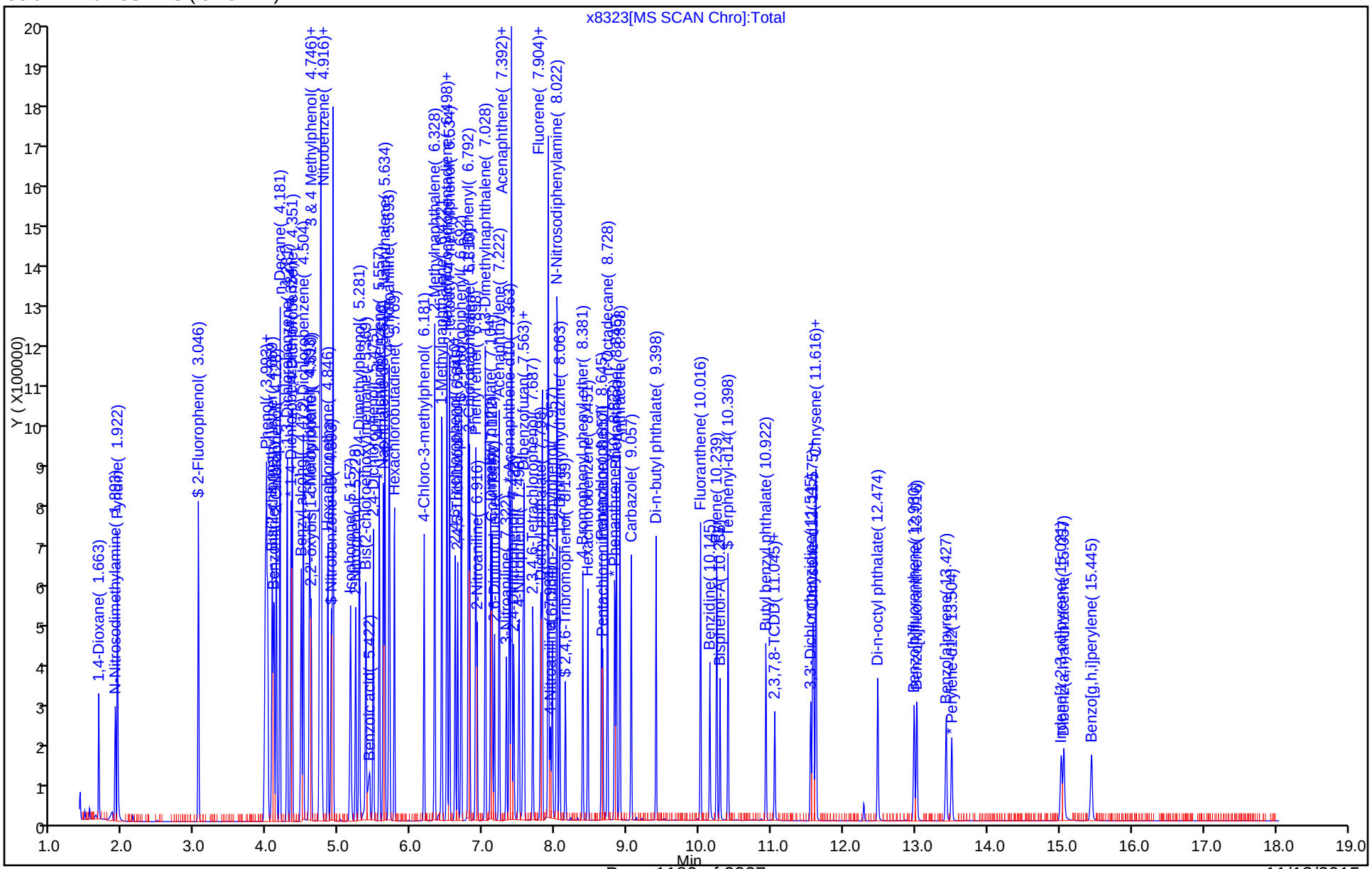
Lims ID: ICIS Worklist Smp#: 2

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270_5R Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8324.D
Lims ID: STD120
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 08-Nov-2015 15:27:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033972-003
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub37

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 09-Nov-2015 14:32:05 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: bayoumiw Date: 08-Nov-2015 22:13:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.657	1.663	-0.006	92	215357	120.0	120.7	
2 N-Nitrosodimethylamine	74	1.904	1.893	0.011	89	288969	120.0	120.2	
3 Pyridine	79	1.922	1.922	0.000	94	496182	120.0	117.0	
$ 4 2-Fluorophenol	112	3.051	3.046	0.005	97	502499	120.0	122.0	
$ 6 Phenol-d5	99	3.998	3.975	0.023	92	558942	120.0	119.6	
7 Phenol	94	4.016	3.993	0.023	98	627194	120.0	119.6	
8 Aniline	93	4.022	4.004	0.018	95	716857	120.0	121.0	
9 Bis(2-chloroethyl)ether	93	4.087	4.069	0.018	98	451256	120.0	120.5	
10 Benzonitrile	103	4.122	4.093	0.029	65	899021	NC	NC	
11 2-Chlorophenol	128	4.145	4.128	0.017	98	509401	120.0	117.9	
12 n-Decane	43	4.187	4.181	0.006	89	499946	120.0	112.8	
13 1,3-Dichlorobenzene	146	4.287	4.281	0.006	97	566018	120.0	117.8	
* 14 1,4-Dichlorobenzene-d4	152	4.340	4.334	0.006	94	121856	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.357	4.351	0.006	95	559728	120.0	115.5	
16 Benzyl alcohol	108	4.498	4.475	0.023	97	306436	120.0	124.0	
17 1,2-Dichlorobenzene	146	4.510	4.504	0.006	98	517061	120.0	114.5	
18 2-Methylphenol	108	4.604	4.593	0.011	94	419276	120.0	117.0	
19 2,2'-oxybis[1-chloropropan	45	4.622	4.610	0.012	93	531761	120.0	113.2	
20 N-Methylaniline	106	4.740	4.728	0.012	81	708852	NC	NC	
22 N-Nitrosodi-n-propylamine	70	4.798	4.746	0.052	88	283869	120.0	115.8	
21 Acetophenone	105	4.763	4.746	0.017	96	562049	120.0	116.1	
24 4-Methylphenol	108	4.775	4.751	0.024	93	420813	120.0	107.3	
23 3 & 4 Methylphenol	108	4.775	4.751	0.024	89	420813	120.0	107.3	
25 Hexachloroethane	117	4.845	4.846	-0.001	97	198278	120.0	117.5	
$ 26 Nitrobenzene-d5	82	4.910	4.893	0.017	85	441803	120.0	120.8	
27 n,n'-Dimethylaniline	120	4.934	4.916	0.018	91	700897	120.0	116.7	
28 Nitrobenzene	77	4.934	4.916	0.018	87	578212	120.0	115.6	
31 Isophorone	82	5.181	5.157	0.024	99	643669	120.0	111.1	
32 2-Nitrophenol	139	5.240	5.228	0.012	97	257357	120.0	125.0	
33 2,4-Dimethylphenol	122	5.298	5.281	0.017	93	398330	120.0	119.2	
34 Bis(2-chloroethoxy)methane	93	5.387	5.369	0.018	99	447056	120.0	118.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.487	5.422	0.065	87	206614	120.0	119.9	
36 2,4-Dichlorophenol	162	5.487	5.475	0.012	98	358907	120.0	119.5	
37 1,2,4-Trichlorobenzene	180	5.563	5.557	0.006	94	388949	120.0	119.7	
* 38 Naphthalene-d8	136	5.622	5.610	0.012	99	421184	40.0	40.0	
39 Naphthalene	128	5.645	5.634	0.011	100	1254811	120.0	114.6	
40 4-Chloroaniline	127	5.704	5.693	0.011	96	519730	120.0	117.9	
41 Hexachlorobutadiene	225	5.775	5.769	0.006	97	214123	120.0	120.6	
43 4-Chloro-3-methylphenol	107	6.192	6.181	0.011	95	317508	120.0	119.4	
44 2-Methylnaphthalene	142	6.334	6.328	0.006	88	796240	120.0	114.3	
45 1-Methylnaphthalene	142	6.434	6.428	0.006	93	696498	120.0	116.1	
46 Hexachlorocyclopentadiene	237	6.498	6.492	0.006	97	217085	120.0	130.9	
47 1,2,4,5-Tetrachlorobenzene	216	6.510	6.498	0.012	98	328371	120.0	117.4	
48 2-tertbutyl-4-methylphenol	149	6.545	6.534	0.011	93	526274	120.0	120.2	
49 2,4,6-Trichlorophenol	196	6.622	6.610	0.012	92	224843	120.0	127.7	
50 2,4,5-Trichlorophenol	196	6.657	6.645	0.012	99	224823	120.0	121.2	
$ 51 2-Fluorobiphenyl	172	6.704	6.692	0.012	98	809757	120.0	119.1	
52 1,1'-Biphenyl	154	6.804	6.792	0.012	96	846347	120.0	112.9	
53 2-Chloronaphthalene	162	6.822	6.810	0.012	97	672059	120.0	116.5	
54 Phenyl ether	170	6.904	6.898	0.006	84	489479	120.0	123.3	
56 2-Nitroaniline	65	6.928	6.916	0.012	94	167022	120.0	100.6	
57 1,3-Dimethylnaphthalene	156	7.039	7.028	0.011	92	555842	120.0	117.7	
58 Dimethyl phthalate	163	7.122	7.104	0.018	99	627358	120.0	119.3	
59 Coumarin	146	7.134	7.122	0.012	82	220559	120.0	125.1	
60 2,6-Dinitrotoluene	165	7.169	7.157	0.012	95	158690	120.0	129.9	
61 Acenaphthylene	152	7.234	7.222	0.012	98	991481	120.0	116.8	
64 3-Nitroaniline	138	7.339	7.322	0.017	98	170769	120.0	124.0	
* 65 Acenaphthene-d10	164	7.369	7.363	0.006	96	169172	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.398	7.392	0.006	96	618110	120.0	121.5	
67 Acenaphthene	154	7.404	7.398	0.006	94	584700	120.0	112.4	
68 2,4-Dinitrophenol	184	7.445	7.422	0.023	93	190751	240.0	240.4	
69 4-Nitrophenol	65	7.516	7.498	0.018	87	200808	240.0	247.1	
70 2,4-Dinitrotoluene	165	7.569	7.551	0.018	98	185287	120.0	133.0	
71 Dibenzofuran	168	7.575	7.569	0.006	97	860008	120.0	116.8	
72 2,3,4,6-Tetrachlorophenol	232	7.698	7.687	0.011	95	159298	120.0	126.9	
73 Diethyl phthalate	149	7.810	7.798	0.012	99	551597	120.0	119.8	
74 4-Chlorophenyl phenyl ethe	204	7.910	7.904	0.006	91	308938	120.0	115.0	
75 Fluorene	166	7.916	7.904	0.012	96	631562	120.0	110.2	
76 4-Nitroaniline	138	7.963	7.934	0.029	88	132371	120.0	111.0	
77 4,6-Dinitro-2-methylphenol	198	7.981	7.957	0.024	92	216248	240.0	268.6	
78 N-Nitrosodiphenylamine	169	8.039	8.028	0.011	66	900509	204.0	199.4	
79 1,2-Diphenylhydrazine	77	8.069	8.063	0.006	95	572629	120.0	117.6	
$ 80 2,4,6-Tribromophenol	330	8.151	8.139	0.012	95	94174	120.0	140.2	
81 4-Bromophenyl phenyl ether	248	8.392	8.381	0.011	95	175213	120.0	127.0	
83 Hexachlorobenzene	284	8.463	8.451	0.012	97	187757	120.0	132.7	
85 Pentachlorophenol	266	8.657	8.645	0.012	95	220219	240.0	240.3	
86 Pentachloronitrobenzene	237	8.669	8.657	0.012	90	61651	120.0	131.2	
87 n-Octadecane	57	8.733	8.728	0.005	91	390887	120.0	120.5	
* 88 Phenanthrene-d10	188	8.828	8.822	0.006	99	225000	40.0	40.0	
89 Phenanthrene	178	8.857	8.851	0.006	98	785314	120.0	119.3	
90 Anthracene	178	8.910	8.898	0.012	98	800554	120.0	121.5	
91 Carbazole	167	9.063	9.057	0.006	96	672010	120.0	122.3	
92 Di-n-butyl phthalate	149	9.404	9.398	0.006	100	759684	120.0	125.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Fluoranthene	202	10.027	10.016	0.011	97	673480	120.0	124.6	
94 Benzidine	184	10.157	10.145	0.012	99	376825	120.0	137.2	
95 Pyrene	202	10.251	10.239	0.012	98	674014	120.0	119.9	
82 Bisphenol-A	213	10.298	10.286	0.012	99	249329	120.0	128.8	
$ 96 Terphenyl-d14	244	10.410	10.398	0.012	99	483709	120.0	130.6	
97 Butyl benzyl phthalate	149	10.933	10.922	0.011	97	251549	120.0	124.7	
99 Carbamazepine	193	11.063	11.045	0.018	93	192011	120.0	125.7	
100 3,3'-Dichlorobenzidine	252	11.557	11.545	0.012	99	184697	120.0	145.0	
101 Benzo[a]anthracene	228	11.586	11.575	0.012	99	484328	120.0	118.5	
* 102 Chrysene-d12	240	11.598	11.586	0.012	99	133733	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.627	11.616	0.011	88	341861	120.0	125.5	
103 Chrysene	228	11.633	11.622	0.011	98	433282	120.0	117.9	
105 Di-n-octyl phthalate	149	12.486	12.474	0.012	97	500950	120.0	131.8	
106 Benzo[b]fluoranthene	252	12.998	12.980	0.018	98	364847	120.0	127.5	
107 Benzo[k]fluoranthene	252	13.033	13.016	0.017	99	389789	120.0	127.6	
108 Benzo[a]pyrene	252	13.439	13.427	0.012	96	336746	120.0	132.4	
* 109 Perylene-d12	264	13.510	13.504	0.006	97	98980	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.045	15.021	0.024	99	294883	120.0	119.7	
111 Dibenz(a,h)anthracene	278	15.080	15.057	0.023	96	298030	120.0	131.7	
112 Benzo[g,h,i]perylene	276	15.468	15.445	0.023	96	293656	120.0	130.0	
S 119 Total Cresols	1				0			224.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_IC_BNA_L8_00008 Amount Added: 1.00 Units: mL

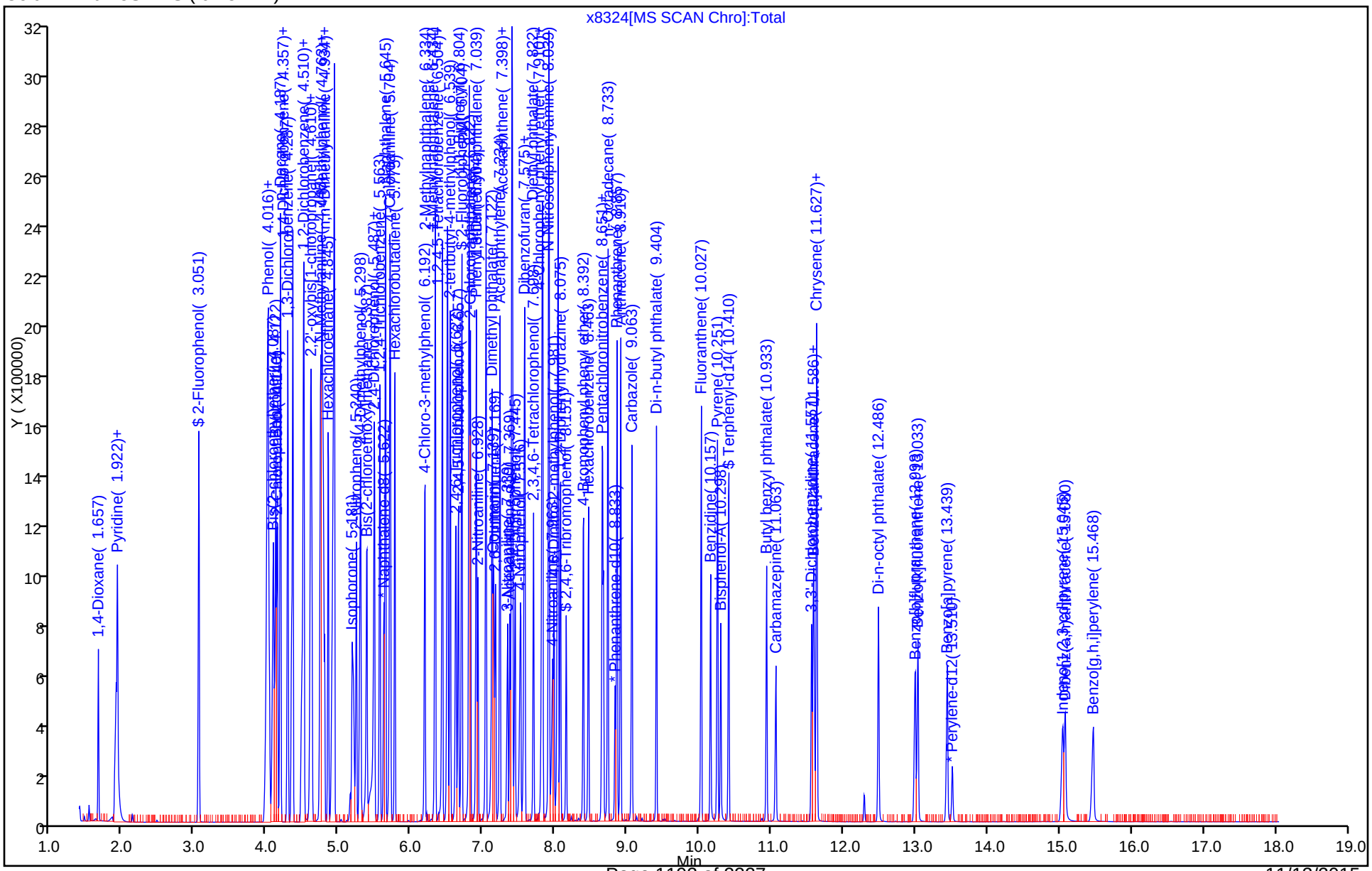
Report Date: 09-Nov-2015 14:32:08 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8324.D

Injection Date:	08-Nov-2015 15:27:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	STD120			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8325.D
Lims ID: STD80
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 08-Nov-2015 15:51:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033972-004
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub37

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 09-Nov-2015 14:32:16 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: bayoumiw Date: 08-Nov-2015 22:14:37

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.675	1.663	0.012	93	146362	80.0	79.3	
	2 N-Nitrosodimethylamine	74	1.910	1.893	0.017	89	194533	80.0	78.2	
	3 Pyridine	79	1.934	1.922	0.012	94	343744	80.0	78.3	
$	4 2-Fluorophenol	112	3.057	3.046	0.011	97	363493	80.0	85.3	
$	6 Phenol-d5	99	3.992	3.975	0.017	97	403748	80.0	83.5	
	7 Phenol	94	4.010	3.993	0.017	99	435454	80.0	80.3	
	8 Aniline	93	4.016	4.004	0.012	96	486014	80.0	79.3	
	9 Bis(2-chloroethyl)ether	93	4.081	4.069	0.012	98	303356	80.0	78.3	
	10 Benzonitrile	103	4.110	4.093	0.017	65	605803	NC	NC	
	11 2-Chlorophenol	128	4.140	4.128	0.012	98	350123	80.0	78.3	
	12 n-Decane	43	4.187	4.181	0.006	89	351937	80.0	76.8	
	13 1,3-Dichlorobenzene	146	4.287	4.281	0.006	97	390879	80.0	78.6	
*	14 1,4-Dichlorobenzene-d4	152	4.340	4.334	0.006	94	126081	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.357	4.351	0.006	95	391929	80.0	78.2	
	16 Benzyl alcohol	108	4.487	4.475	0.012	95	207504	80.0	81.2	
	17 1,2-Dichlorobenzene	146	4.510	4.504	0.006	97	368639	80.0	78.9	
	18 2-Methylphenol	108	4.598	4.593	0.005	91	290592	80.0	78.4	
	19 2,2'-oxybis[1-chloropropan	45	4.616	4.610	0.006	95	375143	80.0	77.2	
	20 N-Methylaniline	106	4.740	4.728	0.012	83	476343	NC	NC	
	22 N-Nitrosodi-n-propylamine	70	4.763	4.746	0.017	85	194686	80.0	76.8	
	21 Acetophenone	105	4.757	4.746	0.011	95	391900	80.0	78.2	
	24 4-Methylphenol	108	4.769	4.751	0.018	96	320676	80.0	79.0	
	23 3 & 4 Methylphenol	108	4.769	4.751	0.018	97	320676	80.0	79.0	
	25 Hexachloroethane	117	4.851	4.846	0.005	97	139444	80.0	79.9	
$	26 Nitrobenzene-d5	82	4.904	4.893	0.011	85	323236	80.0	84.6	
	27 n,n'-Dimethylaniline	120	4.928	4.916	0.012	91	487378	80.0	78.5	
	28 Nitrobenzene	77	4.928	4.916	0.012	93	403600	80.0	77.2	
	31 Isophorone	82	5.175	5.157	0.018	99	482177	80.0	79.6	
	32 2-Nitrophenol	139	5.239	5.228	0.011	97	175673	80.0	81.6	
	33 2,4-Dimethylphenol	122	5.292	5.281	0.011	93	274519	80.0	78.6	
	34 Bis(2-chloroethoxy)methane	93	5.381	5.369	0.012	99	313516	80.0	79.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.463	5.422	0.041	87	138906	80.0	78.5	
36 2,4-Dichlorophenol	162	5.487	5.475	0.011	98	248989	80.0	79.3	
37 1,2,4-Trichlorobenzene	180	5.563	5.557	0.006	94	269379	80.0	79.3	
* 38 Naphthalene-d8	136	5.622	5.610	0.012	99	440179	40.0	40.0	
39 Naphthalene	128	5.639	5.634	0.005	100	882319	80.0	77.1	
40 4-Chloroaniline	127	5.704	5.693	0.011	98	360800	80.0	78.3	
41 Hexachlorobutadiene	225	5.775	5.769	0.006	97	147349	80.0	79.4	
43 4-Chloro-3-methylphenol	107	6.186	6.181	0.005	95	215954	80.0	77.7	
44 2-Methylnaphthalene	142	6.334	6.328	0.006	87	567733	80.0	78.0	
45 1-Methylnaphthalene	142	6.434	6.428	0.006	93	487112	80.0	77.7	
46 Hexachlorocyclopentadiene	237	6.498	6.492	0.006	97	151875	80.0	89.3	
47 1,2,4,5-Tetrachlorobenzene	216	6.504	6.498	0.006	97	231201	80.0	80.6	
48 2-tertbutyl-4-methylphenol	149	6.539	6.534	0.005	93	362609	80.0	79.2	
49 2,4,6-Trichlorophenol	196	6.616	6.610	0.006	91	149472	80.0	82.8	
50 2,4,5-Trichlorophenol	196	6.651	6.645	0.006	98	151553	80.0	79.7	
$ 51 2-Fluorobiphenyl	172	6.698	6.692	0.006	98	587185	80.0	84.3	
52 1,1'-Biphenyl	154	6.798	6.792	0.006	95	607366	80.0	79.0	
53 2-Chloronaphthalene	162	6.816	6.810	0.006	98	468102	80.0	79.2	
54 Phenyl ether	170	6.904	6.898	0.006	84	325201	80.0	79.9	
56 2-Nitroaniline	65	6.922	6.916	0.006	94	134695	80.0	79.1	
57 1,3-Dimethylnaphthalene	156	7.033	7.028	0.005	93	379650	80.0	78.4	
58 Dimethyl phthalate	163	7.110	7.104	0.006	99	418003	80.0	77.6	
59 Coumarin	146	7.128	7.122	0.006	83	139906	80.0	75.9	
60 2,6-Dinitrotoluene	165	7.163	7.157	0.006	95	102346	80.0	81.7	
61 Acenaphthylene	152	7.228	7.222	0.006	98	663527	80.0	76.2	
64 3-Nitroaniline	138	7.333	7.322	0.011	97	110635	80.0	78.4	
* 65 Acenaphthene-d10	164	7.369	7.363	0.006	96	173433	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.392	7.392	0.000	97	416688	80.0	79.9	
67 Acenaphthene	154	7.404	7.398	0.006	94	404257	80.0	75.8	
68 2,4-Dinitrophenol	184	7.433	7.422	0.011	94	119373	160.0	158.3	
69 4-Nitrophenol	65	7.504	7.498	0.006	88	127109	160.0	152.5	
70 2,4-Dinitrotoluene	165	7.563	7.551	0.012	98	118147	80.0	82.7	
71 Dibenzofuran	168	7.575	7.569	0.006	97	587326	80.0	77.8	
72 2,3,4,6-Tetrachlorophenol	232	7.692	7.687	0.005	95	104023	80.0	80.8	
73 Diethyl phthalate	149	7.804	7.798	0.006	99	368101	80.0	78.0	
74 4-Chlorophenyl phenyl ethe	204	7.904	7.904	0.000	90	212646	80.0	77.2	
75 Fluorene	166	7.910	7.904	0.006	96	444424	80.0	75.6	
76 4-Nitroaniline	138	7.945	7.934	0.011	89	94251	80.0	77.1	
77 4,6-Dinitro-2-methylphenol	198	7.969	7.957	0.012	91	128791	160.0	165.2	
78 N-Nitrosodiphenylamine	169	8.033	8.028	0.005	66	601775	136.0	136.6	
79 1,2-Diphenylhydrazine	77	8.063	8.063	0.000	96	386320	80.0	81.4	
$ 80 2,4,6-Tribromophenol	330	8.145	8.139	0.006	93	63986	80.0	92.9	
81 4-Bromophenyl phenyl ether	248	8.386	8.381	0.005	92	112721	80.0	83.8	
83 Hexachlorobenzene	284	8.457	8.451	0.006	97	120329	80.0	87.2	
85 Pentachlorophenol	266	8.645	8.645	0.000	95	130618	160.0	158.5	
86 Pentachloronitrobenzene	237	8.663	8.657	0.006	89	37882	80.0	82.7	
87 n-Octadecane	57	8.727	8.728	-0.001	92	269295	80.0	85.1	
* 88 Phenanthrene-d10	188	8.827	8.822	0.005	98	219433	40.0	40.0	
89 Phenanthrene	178	8.851	8.851	0.000	98	510121	80.0	79.4	
90 Anthracene	178	8.904	8.898	0.006	98	510802	80.0	79.5	
91 Carbazole	167	9.057	9.057	0.000	95	413857	80.0	77.2	
92 Di-n-butyl phthalate	149	9.398	9.398	0.000	100	474203	80.0	80.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Fluoranthene	202	10.022	10.016	0.006	98	407701	80.0	77.4	
94 Benzidine	184	10.145	10.145	0.000	99	206021	80.0	76.9	
95 Pyrene	202	10.245	10.239	0.006	97	397275	80.0	79.9	
82 Bisphenol-A	213	10.292	10.286	0.006	99	142484	80.0	83.2	
$ 96 Terphenyl-d14	244	10.398	10.398	0.000	99	294012	80.0	89.7	
97 Butyl benzyl phthalate	149	10.927	10.922	0.005	97	144410	80.0	80.9	
99 Carbamazepine	193	11.051	11.045	0.006	93	106895	80.0	79.9	
100 3,3'-Dichlorobenzidine	252	11.545	11.545	0.000	100	101725	80.0	90.3	
101 Benzo[a]anthracene	228	11.574	11.575	0.000	99	278194	80.0	76.9	
* 102 Chrysene-d12	240	11.586	11.586	0.000	99	118296	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.621	11.616	0.005	86	197073	80.0	81.8	
103 Chrysene	228	11.621	11.622	-0.001	98	255940	80.0	78.7	
105 Di-n-octyl phthalate	149	12.474	12.474	0.000	97	285589	80.0	80.8	
106 Benzo[b]fluoranthene	252	12.986	12.980	0.006	98	226354	80.0	85.0	
107 Benzo[k]fluoranthene	252	13.021	13.016	0.005	99	223064	80.0	78.5	
108 Benzo[a]pyrene	252	13.427	13.427	0.000	96	201574	80.0	85.2	
* 109 Perylene-d12	264	13.504	13.504	0.000	98	92072	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.027	15.021	0.006	99	174750	80.0	80.8	
111 Dibenz(a,h)anthracene	278	15.062	15.057	0.005	97	188031	80.0	89.4	
112 Benzo[g,h,i]perylene	276	15.451	15.445	0.006	96	186823	80.0	88.9	
S 119 Total Cresols	1				0			157.4	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_IC_BNA_L7_00008 Amount Added: 1.00 Units: mL

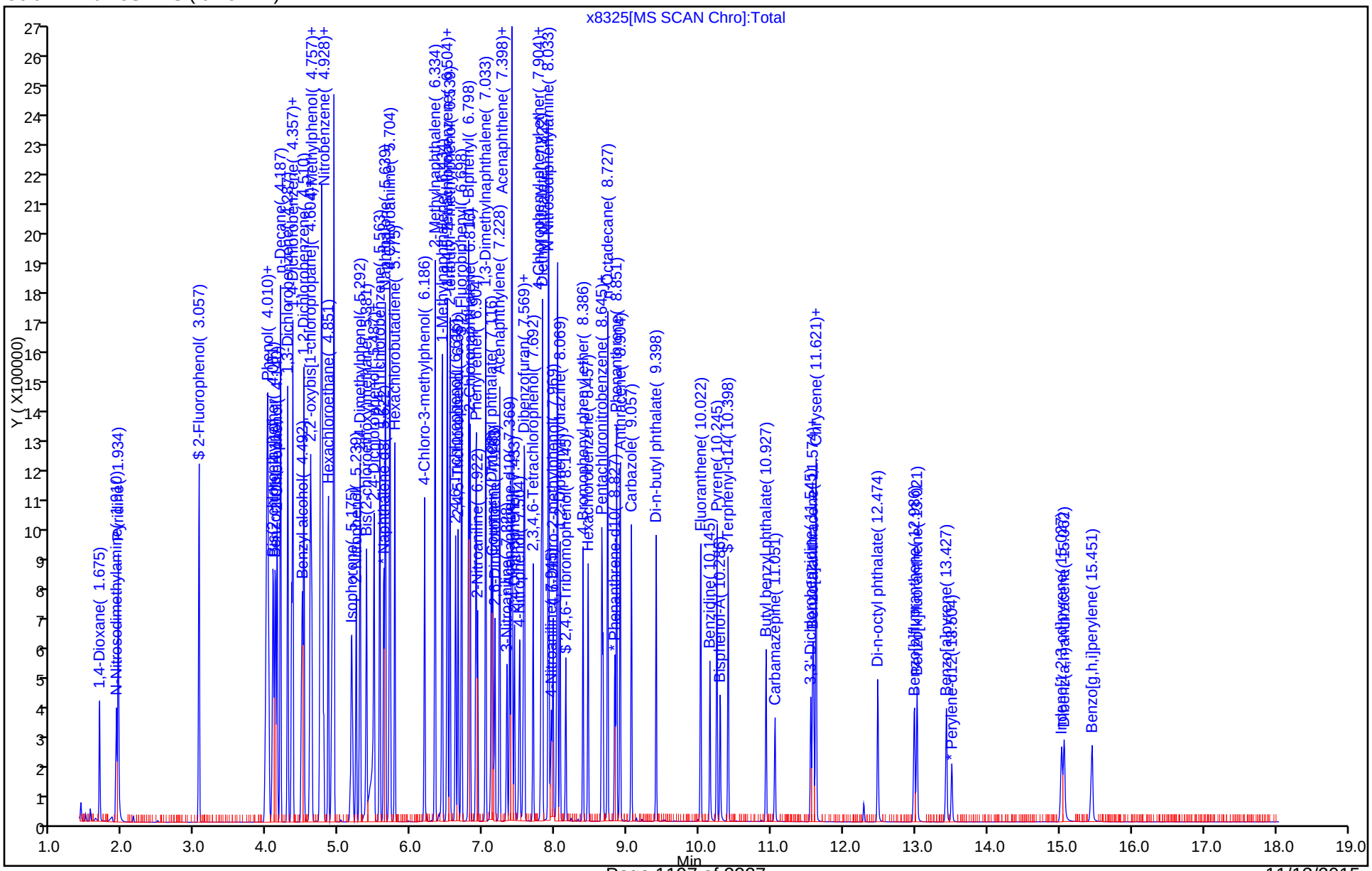
Report Date: 09-Nov-2015 14:32:19 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8325.D

Injection Date:	08-Nov-2015 15:51:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	STD80			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8326.D
Lims ID: STD20
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 08-Nov-2015 16:16:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033972-005
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub37

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 09-Nov-2015 14:32:25 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: bayoumiw Date: 08-Nov-2015 22:18:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.675	1.663	0.012	93	39589	20.0	20.2	
2 N-Nitrosodimethylamine	74	1.899	1.893	0.006	88	53524	20.0	20.3	
3 Pyridine	79	1.934	1.922	0.012	94	97864	20.0	21.0	
$ 4 2-Fluorophenol	112	3.052	3.046	0.006	97	96261	20.0	21.3	
$ 6 Phenol-d5	99	3.969	3.975	-0.006	88	109296	20.0	21.3	
7 Phenol	94	3.981	3.993	-0.012	98	115893	20.0	20.1	
8 Aniline	93	4.004	4.004	0.000	97	134451	20.0	20.7	
9 Bis(2-chloroethyl)ether	93	4.063	4.069	-0.006	98	82317	20.0	20.0	
10 Benzonitrile	103	4.087	4.093	-0.006	66	162033	NC	NC	
11 2-Chlorophenol	128	4.128	4.128	0.000	98	97404	20.0	20.5	
12 n-Decane	43	4.181	4.181	0.000	90	101241	20.0	20.8	
13 1,3-Dichlorobenzene	146	4.281	4.281	0.000	97	107666	20.0	20.4	
* 14 1,4-Dichlorobenzene-d4	152	4.334	4.334	0.000	96	133760	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.351	4.351	0.000	96	108853	20.0	20.5	
16 Benzyl alcohol	108	4.469	4.475	-0.006	96	54663	20.0	20.2	
17 1,2-Dichlorobenzene	146	4.504	4.504	0.000	97	101880	20.0	20.6	
18 2-Methylphenol	108	4.587	4.593	-0.006	91	79973	20.0	20.3	
19 2,2'-oxybis[1-chloropropan	45	4.610	4.610	0.000	93	107087	20.0	20.8	
20 N-Methylaniline	106	4.728	4.728	0.000	87	129880	NC	NC	
22 N-Nitrosodi-n-propylamine	70	4.740	4.746	-0.006	85	54731	20.0	20.3	
21 Acetophenone	105	4.740	4.746	-0.006	92	110178	20.0	20.7	
24 4-Methylphenol	108	4.746	4.751	-0.005	88	90866	20.0	21.1	
23 3 & 4 Methylphenol	108	4.746	4.751	-0.005	91	90866	20.0	21.1	
25 Hexachloroethane	117	4.846	4.846	0.000	96	38113	20.0	20.6	
$ 26 Nitrobenzene-d5	82	4.887	4.893	-0.006	86	86948	20.0	21.4	
27 n,n'-Dimethylaniline	120	4.916	4.916	0.000	94	136749	20.0	20.7	
28 Nitrobenzene	77	4.910	4.916	-0.006	96	115062	20.0	20.7	
31 Isophorone	82	5.151	5.157	-0.006	99	134054	20.0	20.8	
32 2-Nitrophenol	139	5.228	5.228	0.000	95	46016	20.0	20.1	
33 2,4-Dimethylphenol	122	5.281	5.281	0.000	93	75288	20.0	20.3	
34 Bis(2-chloroethoxy)methane	93	5.369	5.369	0.000	100	84276	20.0	20.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.387	5.422	-0.035	88	33195	20.0	20.7	
36 2,4-Dichlorophenol	162	5.475	5.475	0.000	97	67986	20.0	20.4	
37 1,2,4-Trichlorobenzene	180	5.557	5.557	0.000	94	72734	20.0	20.1	
* 38 Naphthalene-d8	136	5.616	5.610	0.006	99	468028	40.0	40.0	
39 Naphthalene	128	5.634	5.634	0.000	100	249448	20.0	20.5	
40 4-Chloroaniline	127	5.693	5.693	0.000	98	99724	20.0	20.3	
41 Hexachlorobutadiene	225	5.769	5.769	0.000	96	39433	20.0	20.0	
43 4-Chloro-3-methylphenol	107	6.181	6.181	0.000	96	61390	20.0	20.8	
44 2-Methylnaphthalene	142	6.328	6.328	0.000	86	159107	20.0	20.6	
45 1-Methylnaphthalene	142	6.422	6.428	-0.006	93	137263	20.0	20.6	
46 Hexachlorocyclopentadiene	237	6.492	6.492	0.000	97	36092	20.0	19.2	
47 1,2,4,5-Tetrachlorobenzene	216	6.498	6.498	0.000	97	63306	20.0	19.9	
48 2-tertbutyl-4-methylphenol	149	6.534	6.534	0.000	93	97840	20.0	20.1	
49 2,4,6-Trichlorophenol	196	6.610	6.610	0.000	90	40430	20.0	20.2	
50 2,4,5-Trichlorophenol	196	6.645	6.645	0.000	98	41882	20.0	19.9	
$ 51 2-Fluorobiphenyl	172	6.692	6.692	0.000	98	162641	20.0	21.1	
52 1,1'-Biphenyl	154	6.792	6.792	0.000	94	172132	20.0	20.2	
53 2-Chloronaphthalene	162	6.810	6.810	0.000	98	130703	20.0	20.0	
54 Phenyl ether	170	6.898	6.898	0.000	87	89744	20.0	19.9	
56 2-Nitroaniline	65	6.910	6.916	-0.006	96	39734	20.0	21.1	
57 1,3-Dimethylnaphthalene	156	7.028	7.028	0.000	93	108103	20.0	20.2	
58 Dimethyl phthalate	163	7.098	7.104	-0.006	100	121600	20.0	20.4	
59 Coumarin	146	7.116	7.122	-0.006	82	39996	20.0	20.4	
60 2,6-Dinitrotoluene	165	7.151	7.157	-0.006	96	29704	20.0	21.4	
61 Acenaphthylene	152	7.222	7.222	0.000	98	196721	20.0	20.4	
64 3-Nitroaniline	138	7.316	7.322	-0.006	98	32281	20.0	20.7	
* 65 Acenaphthene-d10	164	7.363	7.363	0.000	96	191929	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.387	7.392	-0.005	96	115918	20.0	20.1	
67 Acenaphthene	154	7.392	7.398	-0.006	94	124059	20.0	21.0	
68 2,4-Dinitrophenol	184	7.416	7.422	-0.006	91	28562	40.0	40.9	
69 4-Nitrophenol	65	7.487	7.498	-0.011	92	38472	40.0	41.7	
70 2,4-Dinitrotoluene	165	7.545	7.551	-0.006	98	34385	20.0	21.8	
71 Dibenzofuran	168	7.563	7.569	-0.006	97	171433	20.0	20.5	
72 2,3,4,6-Tetrachlorophenol	232	7.687	7.687	-0.001	94	29214	20.0	20.5	
73 Diethyl phthalate	149	7.792	7.798	-0.006	99	108954	20.0	20.9	
74 4-Chlorophenyl phenyl ethe	204	7.898	7.904	-0.006	77	63137	20.0	20.7	
75 Fluorene	166	7.898	7.904	-0.006	96	137645	20.0	21.2	
76 4-Nitroaniline	138	7.916	7.934	-0.018	90	28167	20.0	20.8	
77 4,6-Dinitro-2-methylphenol	198	7.951	7.957	-0.006	89	33479	40.0	38.1	
78 N-Nitrosodiphenylamine	169	8.016	8.028	-0.012	66	182722	34.0	34.6	
79 1,2-Diphenylhydrazine	77	8.057	8.063	-0.006	96	116282	20.0	20.4	
$ 80 2,4,6-Tribromophenol	330	8.139	8.139	0.000	94	16952	20.0	22.2	
81 4-Bromophenyl phenyl ether	248	8.381	8.381	0.000	92	32193	20.0	19.9	
83 Hexachlorobenzene	284	8.451	8.451	0.000	97	33339	20.0	20.1	
85 Pentachlorophenol	266	8.639	8.645	-0.006	94	31861	40.0	39.1	
86 Pentachloronitrobenzene	237	8.657	8.657	0.000	88	10942	20.0	19.9	
87 n-Octadecane	57	8.722	8.728	-0.006	93	78030	20.0	20.5	
* 88 Phenanthrene-d10	188	8.822	8.822	0.000	98	263415	40.0	40.0	
89 Phenanthrene	178	8.845	8.851	-0.006	97	155814	20.0	20.2	
90 Anthracene	178	8.892	8.898	-0.006	99	154511	20.0	20.0	
91 Carbazole	167	9.051	9.057	-0.006	96	127244	20.0	19.8	
92 Di-n-butyl phthalate	149	9.398	9.398	0.000	100	140629	20.0	19.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Fluoranthene	202	10.016	10.016	0.000	98	124465	20.0	19.7	
94 Benzidine	184	10.139	10.145	-0.006	99	64891	20.0	20.2	
95 Pyrene	202	10.239	10.239	0.000	97	123845	20.0	20.6	
82 Bisphenol-A	213	10.286	10.286	0.000	99	41831	20.0	20.2	
$ 96 Terphenyl-d14	244	10.398	10.398	0.000	99	84702	20.0	21.4	
97 Butyl benzyl phthalate	149	10.922	10.922	0.000	98	43474	20.0	20.1	
99 Carbamazepine	193	11.039	11.045	-0.006	93	28545	20.0	19.4	
100 3,3'-Dichlorobenzidine	252	11.539	11.545	-0.006	99	29376	20.0	21.5	
101 Benzo[a]anthracene	228	11.569	11.575	-0.005	99	85337	20.0	19.5	
* 102 Chrysene-d12	240	11.586	11.586	0.000	99	143210	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.616	11.616	0.000	89	59196	20.0	20.3	
103 Chrysene	228	11.616	11.622	-0.006	99	79478	20.0	20.2	
105 Di-n-octyl phthalate	149	12.474	12.474	0.000	98	80882	20.0	20.5	
106 Benzo[b]fluoranthene	252	12.974	12.980	-0.006	98	59842	20.0	20.1	
107 Benzo[k]fluoranthene	252	13.016	13.016	0.000	99	67290	20.0	21.2	
108 Benzo[a]pyrene	252	13.421	13.427	-0.006	96	55343	20.0	20.9	
* 109 Perylene-d12	264	13.504	13.504	0.000	97	102880	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.015	15.021	-0.006	98	42360	20.0	19.3	
111 Dibenz(a,h)anthracene	278	15.051	15.057	-0.006	96	45865	20.0	19.7	
112 Benzo[g,h,i]perylene	276	15.433	15.445	-0.012	96	44610	20.0	19.0	
S 119 Total Cresols	1				0			41.4	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_IC_BNA_L5_00008 Amount Added: 1.00 Units: mL

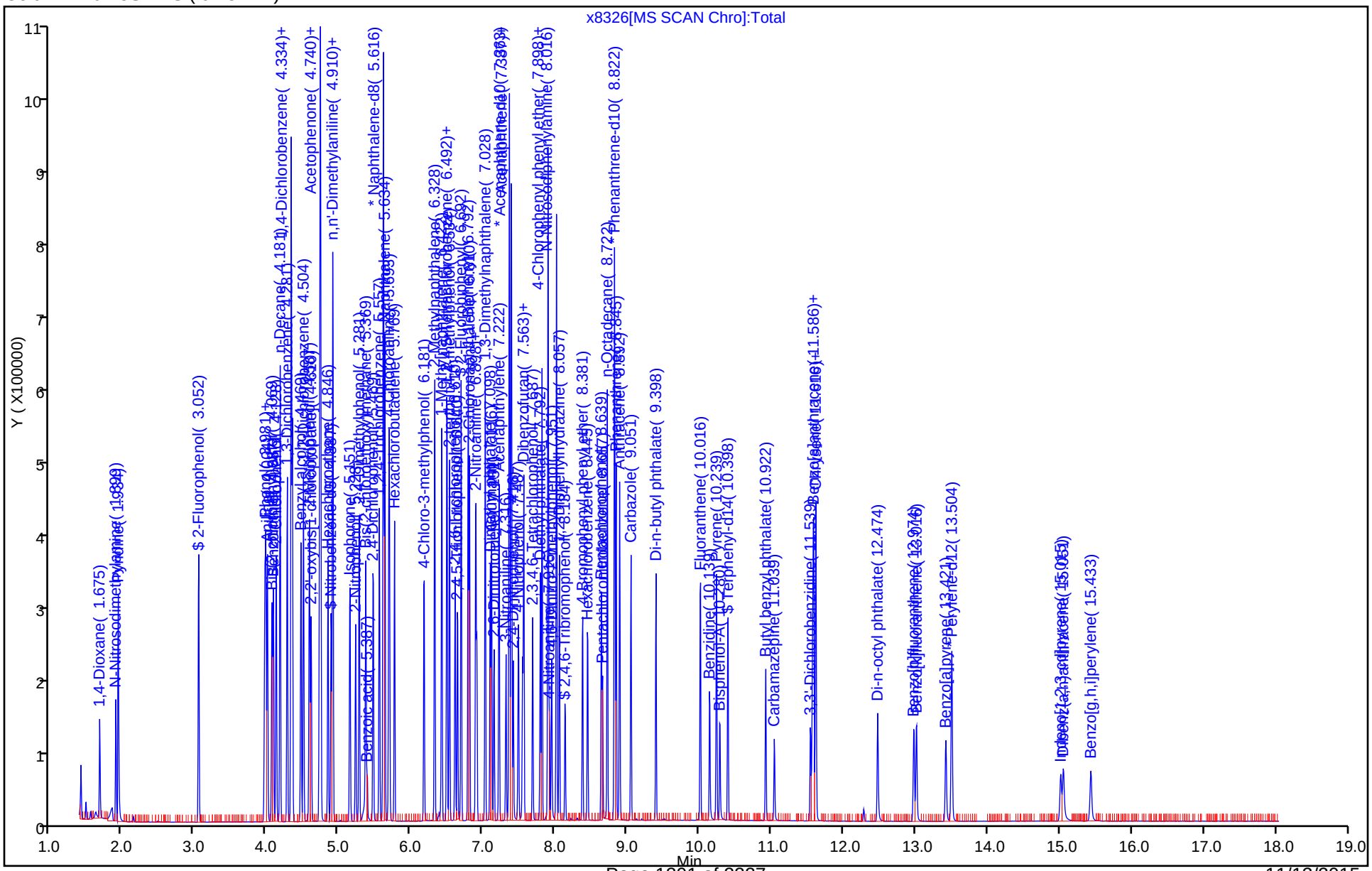
Report Date: 09-Nov-2015 14:32:28 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8326.D

Injection Date:	08-Nov-2015 16:16:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	STD20			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8327.D
Lims ID: STD10
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 08-Nov-2015 16:40:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033972-006
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub37

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 09-Nov-2015 14:32:36 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: bayoumiw Date: 08-Nov-2015 22:19:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.681	1.663	0.018	92	21229	10.0	10.1	
2 N-Nitrosodimethylamine	74	1.899	1.893	0.006	89	28700	10.0	10.2	
3 Pyridine	79	1.934	1.922	0.012	94	49499	10.0	9.93	
$ 4 2-Fluorophenol	112	3.051	3.046	0.005	97	51727	10.0	10.7	
$ 6 Phenol-d5	99	3.963	3.975	-0.012	85	58314	10.0	10.6	
7 Phenol	94	3.975	3.993	-0.018	98	61550	10.0	9.99	
8 Aniline	93	3.998	4.004	-0.006	97	70693	10.0	10.1	
9 Bis(2-chloroethyl)ether	93	4.063	4.069	-0.006	99	44683	10.0	10.2	
10 Benzonitrile	103	4.081	4.093	-0.012	66	82268	NC	NC	
11 2-Chlorophenol	128	4.122	4.128	-0.006	98	53308	10.0	10.5	
12 n-Decane	43	4.181	4.181	0.000	90	54067	10.0	10.4	
13 1,3-Dichlorobenzene	146	4.281	4.281	0.000	97	58220	10.0	10.3	
* 14 1,4-Dichlorobenzene-d4	152	4.334	4.334	0.000	95	143261	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.351	4.351	0.000	96	59557	10.0	10.5	
16 Benzyl alcohol	108	4.469	4.475	-0.006	96	29179	10.0	10.0	
17 1,2-Dichlorobenzene	146	4.504	4.504	0.000	97	55897	10.0	10.5	
18 2-Methylphenol	108	4.581	4.593	-0.012	92	44267	10.0	10.5	
19 2,2'-oxybis[1-chloropropan	45	4.610	4.610	0.000	94	56599	10.0	10.2	
20 N-Methylaniline	106	4.728	4.728	0.000	94	66978	NC	NC	
22 N-Nitrosodi-n-propylamine	70	4.734	4.746	-0.012	86	29267	10.0	10.2	
21 Acetophenone	105	4.734	4.746	-0.012	93	59209	10.0	10.4	
24 4-Methylphenol	108	4.740	4.751	-0.011	86	48990	10.0	10.6	
23 3 & 4 Methylphenol	108	4.740	4.751	-0.011	89	48990	10.0	10.6	
25 Hexachloroethane	117	4.845	4.846	-0.001	97	20785	10.0	10.5	
$ 26 Nitrobenzene-d5	82	4.887	4.893	-0.006	87	45861	10.0	10.7	
27 n,n'-Dimethylaniline	120	4.910	4.916	-0.006	95	69151	10.0	9.80	
28 Nitrobenzene	77	4.904	4.916	-0.012	96	59758	10.0	10.2	
31 Isophorone	82	5.145	5.157	-0.012	99	70637	10.0	10.4	
32 2-Nitrophenol	139	5.228	5.228	0.000	96	24249	10.0	10.0	
33 2,4-Dimethylphenol	122	5.275	5.281	-0.006	93	41275	10.0	10.5	
34 Bis(2-chloroethoxy)methane	93	5.369	5.369	0.000	99	45536	10.0	10.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.363	5.422	-0.059	90	11704	10.0	9.51	
36 2,4-Dichlorophenol	162	5.469	5.475	-0.006	97	36758	10.0	10.4	
37 1,2,4-Trichlorobenzene	180	5.557	5.557	0.000	95	39903	10.0	10.4	
* 38 Naphthalene-d8	136	5.610	5.610	0.000	99	495420	40.0	40.0	
39 Naphthalene	128	5.634	5.634	0.000	100	136883	10.0	10.6	
40 4-Chloroaniline	127	5.687	5.693	-0.006	98	53740	10.0	10.4	
41 Hexachlorobutadiene	225	5.769	5.769	0.000	96	22409	10.0	10.7	
43 4-Chloro-3-methylphenol	107	6.175	6.181	-0.006	96	32042	10.0	10.2	
44 2-Methylnaphthalene	142	6.322	6.328	-0.006	87	86788	10.0	10.6	
45 1-Methylnaphthalene	142	6.422	6.428	-0.006	93	74334	10.0	10.5	
46 Hexachlorocyclopentadiene	237	6.492	6.492	0.000	97	18512	10.0	9.60	
47 1,2,4,5-Tetrachlorobenzene	216	6.498	6.498	0.000	98	34824	10.0	10.7	
48 2-tertbutyl-4-methylphenol	149	6.528	6.534	-0.006	93	50551	10.0	9.82	
49 2,4,6-Trichlorophenol	196	6.610	6.610	0.000	92	21335	10.0	10.4	
50 2,4,5-Trichlorophenol	196	6.639	6.645	-0.006	98	22648	10.0	10.5	
$ 51 2-Fluorobiphenyl	172	6.692	6.692	0.000	98	84607	10.0	10.7	
52 1,1'-Biphenyl	154	6.786	6.792	-0.006	95	92909	10.0	10.7	
53 2-Chloronaphthalene	162	6.804	6.810	-0.006	98	71157	10.0	10.6	
54 Phenyl ether	170	6.892	6.898	-0.006	86	44309	10.0	9.60	
56 2-Nitroaniline	65	6.904	6.916	-0.012	98	20096	10.0	10.4	
57 1,3-Dimethylnaphthalene	156	7.028	7.028	0.000	93	54327	10.0	9.90	
58 Dimethyl phthalate	163	7.092	7.104	-0.012	100	63625	10.0	10.4	
59 Coumarin	146	7.110	7.122	-0.012	81	19533	10.0	9.42	
60 2,6-Dinitrotoluene	165	7.145	7.157	-0.012	96	14805	10.0	10.4	
61 Acenaphthylene	152	7.216	7.222	-0.006	98	104527	10.0	10.6	
64 3-Nitroaniline	138	7.310	7.322	-0.012	97	16192	10.0	10.1	
* 65 Acenaphthene-d10	164	7.363	7.363	0.000	96	196631	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.386	7.392	-0.006	97	57464	10.0	9.72	
67 Acenaphthene	154	7.392	7.398	-0.006	94	64773	10.0	10.7	
68 2,4-Dinitrophenol	184	7.416	7.422	-0.006	93	11626	20.0	18.9	
69 4-Nitrophenol	65	7.481	7.498	-0.017	92	18349	20.0	19.4	
70 2,4-Dinitrotoluene	165	7.545	7.551	-0.006	97	17144	10.0	10.6	
71 Dibenzofuran	168	7.563	7.569	-0.006	96	89709	10.0	10.5	
72 2,3,4,6-Tetrachlorophenol	232	7.686	7.687	-0.001	94	14723	10.0	10.1	
73 Diethyl phthalate	149	7.786	7.798	-0.012	99	54597	10.0	10.2	
74 4-Chlorophenyl phenyl ethe	204	7.898	7.904	-0.006	76	33150	10.0	10.6	
75 Fluorene	166	7.898	7.904	-0.006	96	72151	10.0	10.8	
76 4-Nitroaniline	138	7.910	7.934	-0.024	91	14028	10.0	10.1	
77 4,6-Dinitro-2-methylphenol	198	7.945	7.957	-0.012	90	15094	20.0	18.5	
78 N-Nitrosodiphenylamine	169	8.016	8.028	-0.012	66	95474	17.0	17.7	
79 1,2-Diphenylhydrazine	77	8.051	8.063	-0.012	96	58456	10.0	10.1	
$ 80 2,4,6-Tribromophenol	330	8.133	8.139	-0.006	93	8375	10.0	10.7	
81 4-Bromophenyl phenyl ether	248	8.380	8.381	-0.001	94	16875	10.0	10.3	
83 Hexachlorobenzene	284	8.445	8.451	-0.006	98	17253	10.0	10.2	
85 Pentachlorophenol	266	8.639	8.645	-0.006	94	13934	20.0	19.3	
86 Pentachloronitrobenzene	237	8.651	8.657	-0.006	88	5144	10.0	9.19	
87 n-Octadecane	57	8.722	8.728	-0.006	93	37078	10.0	9.60	
* 88 Phenanthrene-d10	188	8.822	8.822	0.000	98	267935	40.0	40.0	
89 Phenanthrene	178	8.839	8.851	-0.012	97	80234	10.0	10.2	
90 Anthracene	178	8.892	8.898	-0.006	99	79939	10.0	10.2	
91 Carbazole	167	9.051	9.057	-0.006	95	66929	10.0	10.2	
92 Di-n-butyl phthalate	149	9.398	9.398	0.000	100	71377	10.0	9.91	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Fluoranthene	202	10.010	10.016	-0.006	98	66065	10.0	10.3	
94 Benzidine	184	10.139	10.145	-0.006	99	30640	10.0	9.37	
95 Pyrene	202	10.233	10.239	-0.006	97	66452	10.0	10.1	
82 Bisphenol-A	213	10.280	10.286	-0.006	99	23207	10.0	10.2	
$ 96 Terphenyl-d14	244	10.392	10.398	-0.006	99	46022	10.0	10.6	
97 Butyl benzyl phthalate	149	10.922	10.922	0.000	98	23554	10.0	9.96	
99 Carbamazepine	193	11.039	11.045	-0.006	93	13262	10.0	9.52	
100 3,3'-Dichlorobenzidine	252	11.539	11.545	-0.006	99	14403	10.0	9.65	
101 Benzo[a]anthracene	228	11.569	11.575	-0.005	99	48596	10.0	10.1	
* 102 Chrysene-d12	240	11.580	11.586	-0.006	99	156812	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.616	11.616	0.000	93	31584	10.0	9.89	
103 Chrysene	228	11.610	11.622	-0.012	100	45445	10.0	10.5	
105 Di-n-octyl phthalate	149	12.474	12.474	0.000	97	43117	10.0	9.53	
106 Benzo[b]fluoranthene	252	12.974	12.980	-0.006	99	35590	10.0	10.4	
107 Benzo[k]fluoranthene	252	13.010	13.016	-0.006	99	37602	10.0	10.3	
108 Benzo[a]pyrene	252	13.415	13.427	-0.012	96	32120	10.0	10.6	
* 109 Perylene-d12	264	13.504	13.504	0.000	97	117826	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.009	15.021	-0.012	98	22527	10.0	9.13	
111 Dibenz(a,h)anthracene	278	15.051	15.057	-0.006	95	25138	10.0	9.54	
112 Benzo[g,h,i]perylene	276	15.427	15.445	-0.018	96	25488	10.0	9.48	
S 119 Total Cresols	1				0			21.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_IC_BNA_L4_00008 Amount Added: 1.00 Units: mL

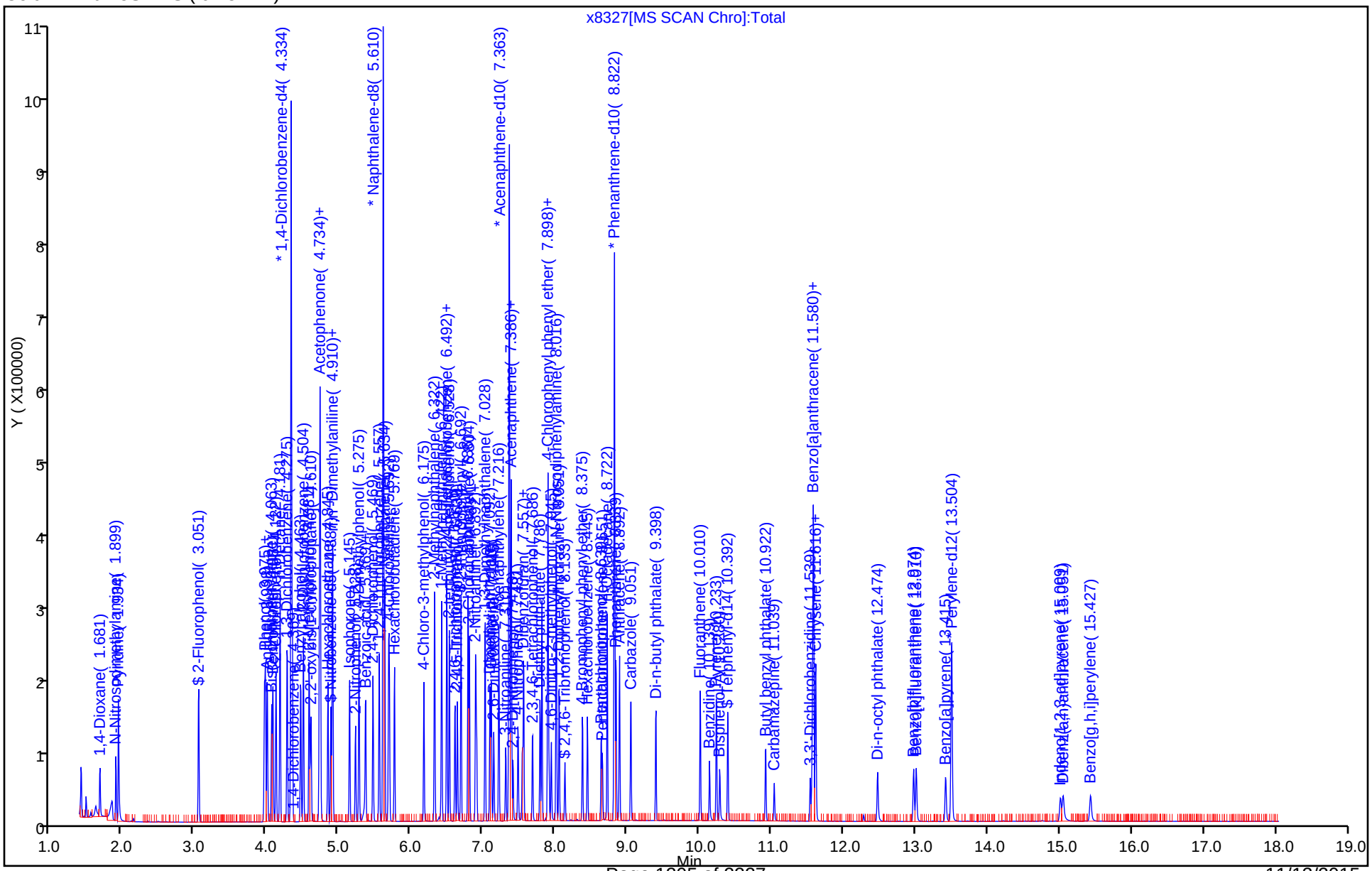
Report Date: 09-Nov-2015 14:32:38 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8327.D

Injection Date:	08-Nov-2015 16:40:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	STD10			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8328.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 08-Nov-2015 17:04:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033972-007
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub37

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 09-Nov-2015 14:32:43 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: bayoumiw Date: 08-Nov-2015 22:21:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.681	1.663	0.018	94	9481	5.00	4.71	
2 N-Nitrosodimethylamine	74	1.904	1.893	0.011	86	13032	5.00	4.80	
3 Pyridine	79	1.940	1.922	0.018	94	23586	5.00	4.93	
$ 4 2-Fluorophenol	112	3.051	3.046	0.005	97	21448	5.00	4.61	
$ 6 Phenol-d5	99	3.957	3.975	-0.018	85	24706	5.00	4.68	
7 Phenol	94	3.975	3.993	-0.018	98	28044	5.00	4.74	
8 Aniline	93	3.998	4.004	-0.006	98	31432	5.00	4.70	
9 Bis(2-chloroethyl)ether	93	4.063	4.069	-0.006	98	19959	5.00	4.72	
10 Benzonitrile	103	4.075	4.093	-0.018	66	40926	NC	NC	
11 2-Chlorophenol	128	4.122	4.128	-0.006	97	23454	5.00	4.81	
12 n-Decane	43	4.181	4.181	0.000	90	25139	5.00	5.03	
13 1,3-Dichlorobenzene	146	4.275	4.281	-0.006	97	26426	5.00	4.87	
* 14 1,4-Dichlorobenzene-d4	152	4.334	4.334	0.000	96	137561	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.351	4.351	0.000	93	27051	5.00	4.95	
16 Benzyl alcohol	108	4.463	4.475	-0.012	96	13163	5.00	4.72	
17 1,2-Dichlorobenzene	146	4.504	4.504	0.000	96	24721	5.00	4.85	
18 2-Methylphenol	108	4.581	4.593	-0.012	90	19843	5.00	4.90	
19 2,2'-oxybis[1-chloropropan	45	4.604	4.610	-0.006	94	26965	5.00	5.08	
20 N-Methylaniline	106	4.722	4.728	-0.006	87	32607	NC	NC	
22 N-Nitrosodi-n-propylamine	70	4.734	4.746	-0.012	85	13531	5.00	4.89	
21 Acetophenone	105	4.734	4.746	-0.012	93	26991	5.00	4.94	
24 4-Methylphenol	108	4.739	4.751	-0.012	89	21969	5.00	4.96	
23 3 & 4 Methylphenol	108	4.739	4.751	-0.012	92	21969	5.00	4.96	
25 Hexachloroethane	117	4.845	4.846	-0.001	96	9330	5.00	4.90	
$ 26 Nitrobenzene-d5	82	4.881	4.893	-0.012	86	19297	5.00	4.65	
27 n,n'-Dimethylaniline	120	4.910	4.916	-0.006	93	34125	5.00	5.03	
28 Nitrobenzene	77	4.904	4.916	-0.012	96	28221	5.00	4.98	
31 Isophorone	82	5.139	5.157	-0.018	99	32330	5.00	4.92	
32 2-Nitrophenol	139	5.228	5.228	0.000	95	10516	5.00	4.51	
33 2,4-Dimethylphenol	122	5.275	5.281	-0.006	92	18115	5.00	4.78	
34 Bis(2-chloroethoxy)methane	93	5.363	5.369	-0.006	99	20416	5.00	4.79	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.339	5.422	-0.083	86	2314	5.00	5.08	
36 2,4-Dichlorophenol	162	5.469	5.475	-0.006	97	16191	5.00	4.76	
37 1,2,4-Trichlorobenzene	180	5.557	5.557	0.000	94	17649	5.00	4.79	
* 38 Naphthalene-d8	136	5.610	5.610	0.000	99	477361	40.0	40.0	
39 Naphthalene	128	5.634	5.634	0.000	99	61733	5.00	4.98	
40 4-Chloroaniline	127	5.686	5.693	-0.007	97	24039	5.00	4.81	
41 Hexachlorobutadiene	225	5.769	5.769	0.000	96	9795	5.00	4.87	
43 4-Chloro-3-methylphenol	107	6.175	6.181	-0.006	96	14564	5.00	4.83	
44 2-Methylnaphthalene	142	6.322	6.328	-0.006	86	38597	5.00	4.89	
45 1-Methylnaphthalene	142	6.422	6.428	-0.006	93	33029	5.00	4.86	
46 Hexachlorocyclopentadiene	237	6.492	6.492	0.000	96	7447	5.00	4.03	
47 1,2,4,5-Tetrachlorobenzene	216	6.492	6.498	-0.006	96	14894	5.00	4.78	
48 2-tertbutyl-4-methylphenol	149	6.528	6.534	-0.006	93	24121	5.00	4.86	
49 2,4,6-Trichlorophenol	196	6.604	6.610	-0.006	90	9251	5.00	4.72	
50 2,4,5-Trichlorophenol	196	6.639	6.645	-0.006	97	9981	5.00	4.83	
$ 51 2-Fluorobiphenyl	172	6.692	6.692	0.000	98	35526	5.00	4.70	
52 1,1'-Biphenyl	154	6.786	6.792	-0.006	94	41399	5.00	4.96	
53 2-Chloronaphthalene	162	6.804	6.810	-0.006	98	31413	5.00	4.89	
54 Phenyl ether	170	6.892	6.898	-0.006	87	21710	5.00	4.91	
56 2-Nitroaniline	65	6.904	6.916	-0.012	98	9365	5.00	5.07	
57 1,3-Dimethylnaphthalene	156	7.028	7.028	0.000	93	26214	5.00	4.99	
58 Dimethyl phthalate	163	7.092	7.104	-0.012	99	28382	5.00	4.85	
59 Coumarin	146	7.110	7.122	-0.012	82	9928	5.00	4.97	
60 2,6-Dinitrotoluene	165	7.145	7.157	-0.012	97	6620	5.00	4.87	
61 Acenaphthylene	152	7.216	7.222	-0.006	98	46878	5.00	4.96	
64 3-Nitroaniline	138	7.310	7.322	-0.012	98	7161	5.00	4.67	
* 65 Acenaphthene-d10	164	7.363	7.363	0.000	96	188269	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.380	7.392	-0.012	96	27293	5.00	4.82	
67 Acenaphthene	154	7.392	7.398	-0.006	94	29003	5.00	5.01	
68 2,4-Dinitrophenol	184	7.410	7.422	-0.012	95	3835	10.0	9.11	
69 4-Nitrophenol	65	7.480	7.498	-0.018	90	8780	10.0	9.71	
70 2,4-Dinitrotoluene	165	7.539	7.551	-0.012	97	7455	5.00	4.81	
71 Dibenzofuran	168	7.557	7.569	-0.012	96	40343	5.00	4.92	
72 2,3,4,6-Tetrachlorophenol	232	7.686	7.687	-0.001	93	6197	5.00	4.44	
73 Diethyl phthalate	149	7.786	7.798	-0.012	99	24393	5.00	4.76	
74 4-Chlorophenyl phenyl ethe	204	7.898	7.904	-0.006	77	14513	5.00	4.85	
75 Fluorene	166	7.898	7.904	-0.006	95	31417	5.00	4.93	
76 4-Nitroaniline	138	7.910	7.934	-0.024	90	6750	5.00	5.09	
77 4,6-Dinitro-2-methylphenol	198	7.945	7.957	-0.012	89	5648	10.0	8.88	
78 N-Nitrosodiphenylamine	169	8.010	8.028	-0.018	66	42544	8.50	8.04	
79 1,2-Diphenylhydrazine	77	8.051	8.063	-0.012	96	27024	5.00	4.74	
$ 80 2,4,6-Tribromophenol	330	8.133	8.139	-0.006	94	3284	5.00	4.39	
81 4-Bromophenyl phenyl ether	248	8.380	8.381	-0.001	92	7099	5.00	4.39	
83 Hexachlorobenzene	284	8.445	8.451	-0.006	98	7648	5.00	4.62	
85 Pentachlorophenol	266	8.639	8.645	-0.006	94	5138	10.0	9.63	
86 Pentachloronitrobenzene	237	8.651	8.657	-0.006	88	2397	5.00	4.36	
87 n-Octadecane	57	8.722	8.728	-0.006	93	16792	5.00	4.42	
* 88 Phenanthrene-d10	188	8.822	8.822	0.000	99	263575	40.0	40.0	
89 Phenanthrene	178	8.839	8.851	-0.012	96	37713	5.00	4.89	
90 Anthracene	178	8.892	8.898	-0.006	99	36890	5.00	4.78	
91 Carbazole	167	9.045	9.057	-0.012	95	31965	5.00	4.97	
92 Di-n-butyl phthalate	149	9.398	9.398	0.000	100	33064	5.00	4.67	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Fluoranthene	202	10.010	10.016	-0.006	98	31059	5.00	4.91	
94 Benzidine	184	10.139	10.145	-0.006	100	14837	5.00	4.61	
95 Pyrene	202	10.233	10.239	-0.006	97	31674	5.00	4.94	
82 Bisphenol-A	213	10.286	10.286	0.000	99	9419	5.00	4.27	
$ 96 Terphenyl-d14	244	10.392	10.398	-0.006	99	19595	5.00	4.64	
97 Butyl benzyl phthalate	149	10.921	10.922	-0.001	97	10812	5.00	4.70	
99 Carbamazepine	193	11.039	11.045	-0.006	93	5138	5.00	5.15	
100 3,3'-Dichlorobenzidine	252	11.539	11.545	-0.006	99	6220	5.00	4.28	
101 Benzo[a]anthracene	228	11.568	11.575	-0.006	99	21760	5.00	4.67	
* 102 Chrysene-d12	240	11.580	11.586	-0.006	99	152494	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.615	11.616	-0.001	90	13804	5.00	4.44	
103 Chrysene	228	11.610	11.622	-0.012	100	20688	5.00	4.93	
105 Di-n-octyl phthalate	149	12.474	12.474	0.000	97	16646	5.00	4.15	
106 Benzo[b]fluoranthene	252	12.974	12.980	-0.006	98	14284	5.00	4.73	
107 Benzo[k]fluoranthene	252	13.010	13.016	-0.006	99	14924	5.00	4.63	
108 Benzo[a]pyrene	252	13.421	13.427	-0.006	95	12505	5.00	4.66	
* 109 Perylene-d12	264	13.504	13.504	0.000	97	104559	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.009	15.021	-0.012	98	8326	5.00	3.84	M
111 Dibenz(a,h)anthracene	278	15.051	15.057	-0.006	94	10265	5.00	4.51	M
112 Benzo[g,h,i]perylene	276	15.427	15.445	-0.018	96	10278	5.00	4.31	
S 119 Total Cresols	1				0			9.86	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L3_00010 Amount Added: 1.00 Units: mL

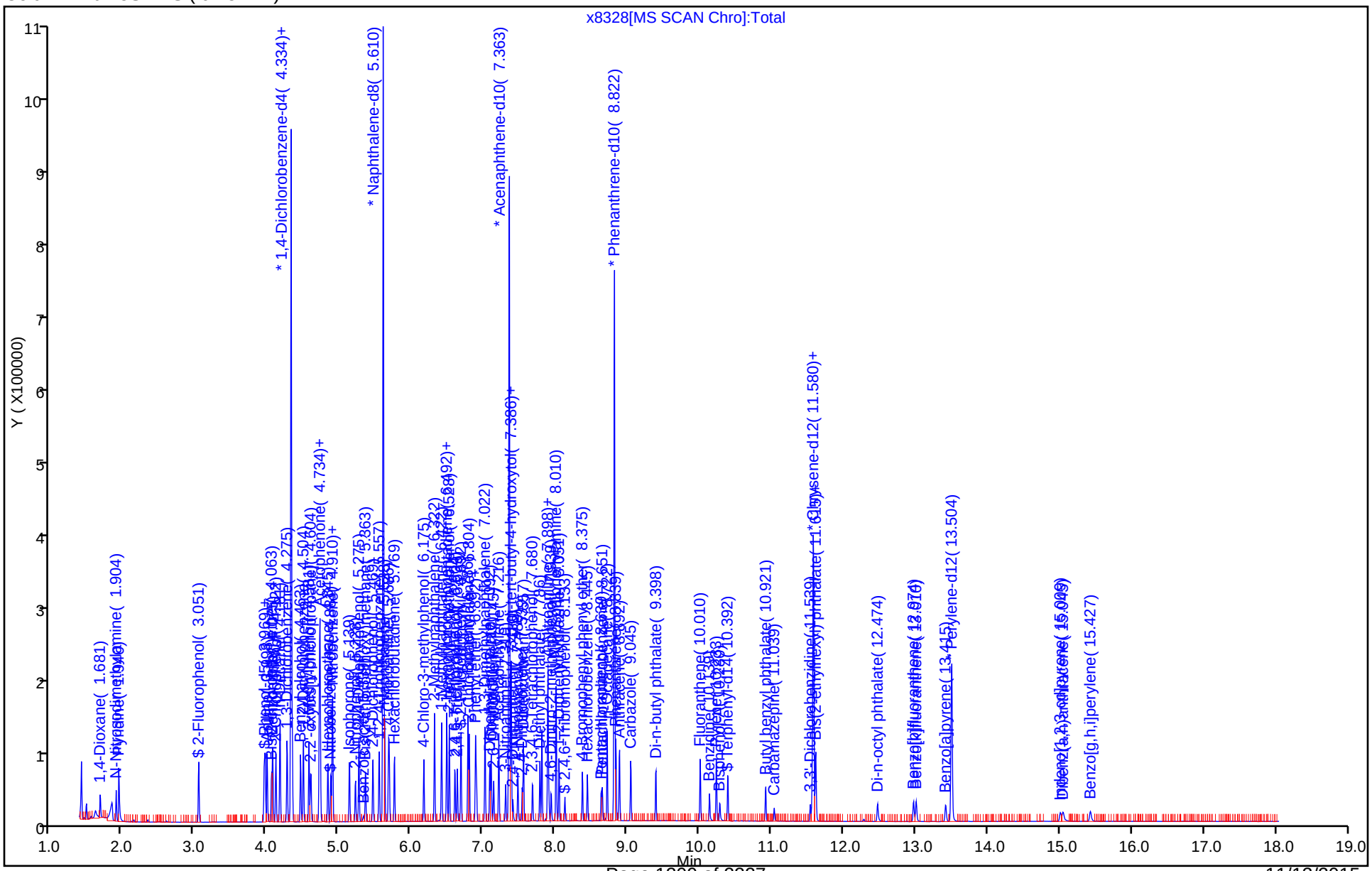
Report Date: 09-Nov-2015 14:32:46 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8328.D

Injection Date:	08-Nov-2015 17:04:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	STD5			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8329.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 08-Nov-2015 17:28:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033972-008
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub37

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 09-Nov-2015 14:32:56 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: bayoumiw Date: 08-Nov-2015 22:21:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.051	3.046	0.005	96	8722	2.00	1.73	
$ 6 Phenol-d5	99	3.957	3.975	-0.018	85	10178	2.00	1.78	
9 Bis(2-chloroethyl)ether	93	4.057	4.069	-0.012	97	8699	2.00	1.90	
* 14 1,4-Dichlorobenzene-d4	152	4.334	4.334	0.000	95	148810	40.0	40.0	
22 N-Nitrosodi-n-propylamine	70	4.734	4.746	-0.012	86	5846	2.00	1.95	
25 Hexachloroethane	117	4.845	4.846	-0.001	94	3923	2.00	1.90	
$ 26 Nitrobenzene-d5	82	4.881	4.893	-0.012	86	7938	2.00	1.76	
27 n,n'-Dimethylaniline	120	4.910	4.916	-0.006	93	14795	2.00	2.02	
28 Nitrobenzene	77	4.904	4.916	-0.012	95	12037	2.00	1.95	
31 Isophorone	82	5.140	5.157	-0.017	99	13981	2.00	1.96	
37 1,2,4-Trichlorobenzene	180	5.557	5.557	0.000	95	7725	2.00	1.93	
* 38 Naphthalene-d8	136	5.610	5.610	0.000	99	519571	40.0	40.0	
41 Hexachlorobutadiene	225	5.769	5.769	0.000	96	4250	2.00	1.94	
49 2,4,6-Trichlorophenol	196	6.604	6.610	-0.006	90	3762	2.00	1.77	
$ 51 2-Fluorobiphenyl	172	6.692	6.692	0.000	98	15055	2.00	1.84	
60 2,6-Dinitrotoluene	165	7.145	7.157	-0.012	98	2504	2.00	1.70	
* 65 Acenaphthene-d10	164	7.357	7.363	-0.006	97	203672	40.0	40.0	
68 2,4-Dinitrophenol	184	7.410	7.422	-0.012	92	631	4.00	4.68	
70 2,4-Dinitrotoluene	165	7.539	7.551	-0.012	97	2786	2.00	1.66	
77 4,6-Dinitro-2-methylphenol	198	7.945	7.957	-0.012	86	1262	4.00	4.24	
78 N-Nitrosodiphenylamine	169	8.010	8.028	-0.018	64	18447	3.40	3.40	
$ 80 2,4,6-Tribromophenol	330	8.133	8.139	-0.006	94	1241	2.00	1.53	
83 Hexachlorobenzene	284	8.445	8.451	-0.006	97	3141	2.00	1.85	
85 Pentachlorophenol	266	8.639	8.645	-0.006	93	1116	4.00	5.01	
* 88 Phenanthrene-d10	188	8.822	8.822	0.000	98	270247	40.0	40.0	
$ 96 Terphenyl-d14	244	10.392	10.398	-0.006	99	7664	2.00	1.70	
100 3,3'-Dichlorobenzidine	252	11.539	11.545	-0.006	98	2163	2.00	1.40	
101 Benzo[a]anthracene	228	11.563	11.575	-0.011	99	9491	2.00	1.91	
* 102 Chrysene-d12	240	11.580	11.586	-0.006	99	162435	40.0	40.0	
106 Benzo[b]fluoranthene	252	12.968	12.980	-0.012	98	5959	2.00	1.78	
107 Benzo[k]fluoranthene	252	13.004	13.016	-0.012	98	7069	2.00	1.98	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
108 Benzo[a]pyrene	252	13.416	13.427	-0.011	96	5404	2.00	1.82	
* 109 Perylene-d12	264	13.498	13.504	-0.006	97	115870	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.004	15.021	-0.017	98	3428	2.00	1.43	
111 Dibenz(a,h)anthracene	278	15.045	15.057	-0.012	93	4087	2.00	1.77	M

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L0_00006 Amount Added: 1.00 Units: mL

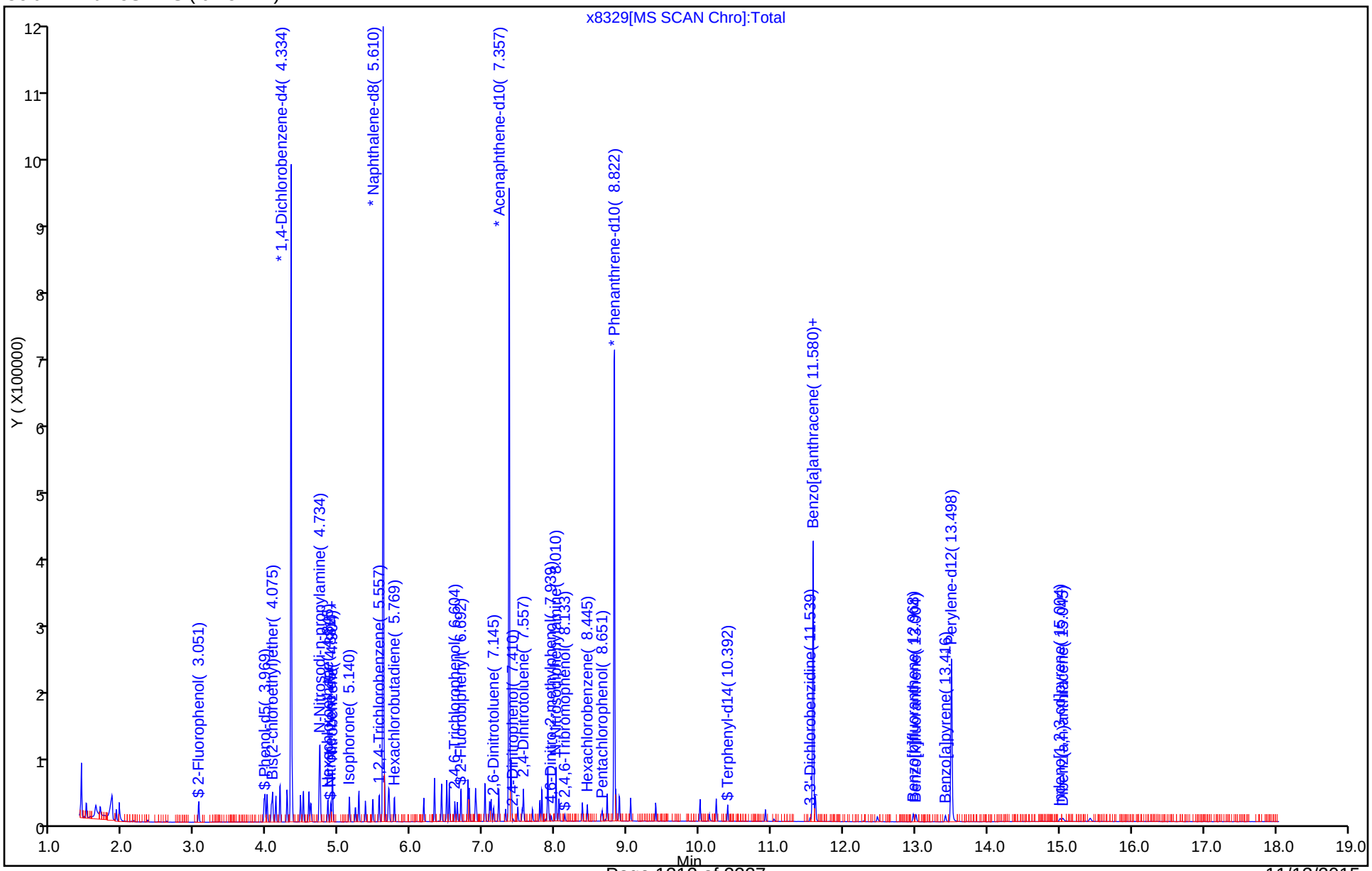
Report Date: 09-Nov-2015 14:32:59 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8329.D

Injection Date:	08-Nov-2015 17:28:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	STD2			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8330.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 08-Nov-2015 17:52:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033972-009
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub37

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 09-Nov-2015 14:33:08 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: bayoumiw Date: 08-Nov-2015 22:23:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.052	3.046	0.006	97	4719	1.00	0.9484	
$ 6 Phenol-d5	99	3.957	3.975	-0.018	85	5445	1.00	0.9648	
9 Bis(2-chloroethyl)ether	93	4.057	4.069	-0.012	99	4666	1.00	1.03	
* 14 1,4-Dichlorobenzene-d4	152	4.334	4.334	0.000	96	147156	40.0	40.0	
22 N-Nitrosodi-n-propylamine	70	4.734	4.746	-0.012	89	3037	1.00	1.03	
25 Hexachloroethane	117	4.846	4.846	0.000	93	2057	1.00	1.01	
$ 26 Nitrobenzene-d5	82	4.881	4.893	-0.012	85	4486	1.00	0.9891	
27 n,n'-Dimethylaniline	120	4.910	4.916	-0.006	92	7227	1.00	1.00	
28 Nitrobenzene	77	4.904	4.916	-0.012	96	6262	1.00	1.01	
37 1,2,4-Trichlorobenzene	180	5.557	5.557	0.000	95	4152	1.00	1.03	
* 38 Naphthalene-d8	136	5.610	5.610	0.000	99	522248	40.0	40.0	
41 Hexachlorobutadiene	225	5.769	5.769	0.000	95	2166	1.00	0.9835	
$ 51 2-Fluorobiphenyl	172	6.693	6.692	0.000	98	8233	1.00	0.9700	
60 2,6-Dinitrotoluene	165	7.145	7.157	-0.012	96	1376	1.00	0.9019	
* 65 Acenaphthene-d10	164	7.357	7.363	-0.006	94	211240	40.0	40.0	
70 2,4-Dinitrotoluene	165	7.540	7.551	-0.011	97	1436	1.00	0.8255	
$ 80 2,4,6-Tribromophenol	330	8.134	8.139	-0.005	89	639	1.00	0.7617	
83 Hexachlorobenzene	284	8.445	8.451	-0.006	96	1685	1.00	0.9080	
* 88 Phenanthrene-d10	188	8.822	8.822	0.000	98	295146	40.0	40.0	
$ 96 Terphenyl-d14	244	10.392	10.398	-0.006	98	4901	1.00	0.9522	
101 Benzo[a]anthracene	228	11.563	11.575	-0.011	98	5935	1.00	1.04	
* 102 Chrysene-d12	240	11.580	11.586	-0.006	99	185787	40.0	40.0	
106 Benzo[b]fluoranthene	252	12.969	12.980	-0.011	99	3510	1.00	0.9355	
107 Benzo[k]fluoranthene	252	13.004	13.016	-0.012	98	4019	1.00	1.00	
108 Benzo[a]pyrene	252	13.416	13.427	-0.011	96	3006	1.00	0.9017	
* 109 Perylene-d12	264	13.498	13.504	-0.006	97	129774	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.010	15.021	-0.011	96	1936	1.00	0.7226	M
111 Dibenz(a,h)anthracene	278	15.045	15.057	-0.012	93	2073	1.00	0.9231	M

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L2_00008 Amount Added: 1.00 Units: mL

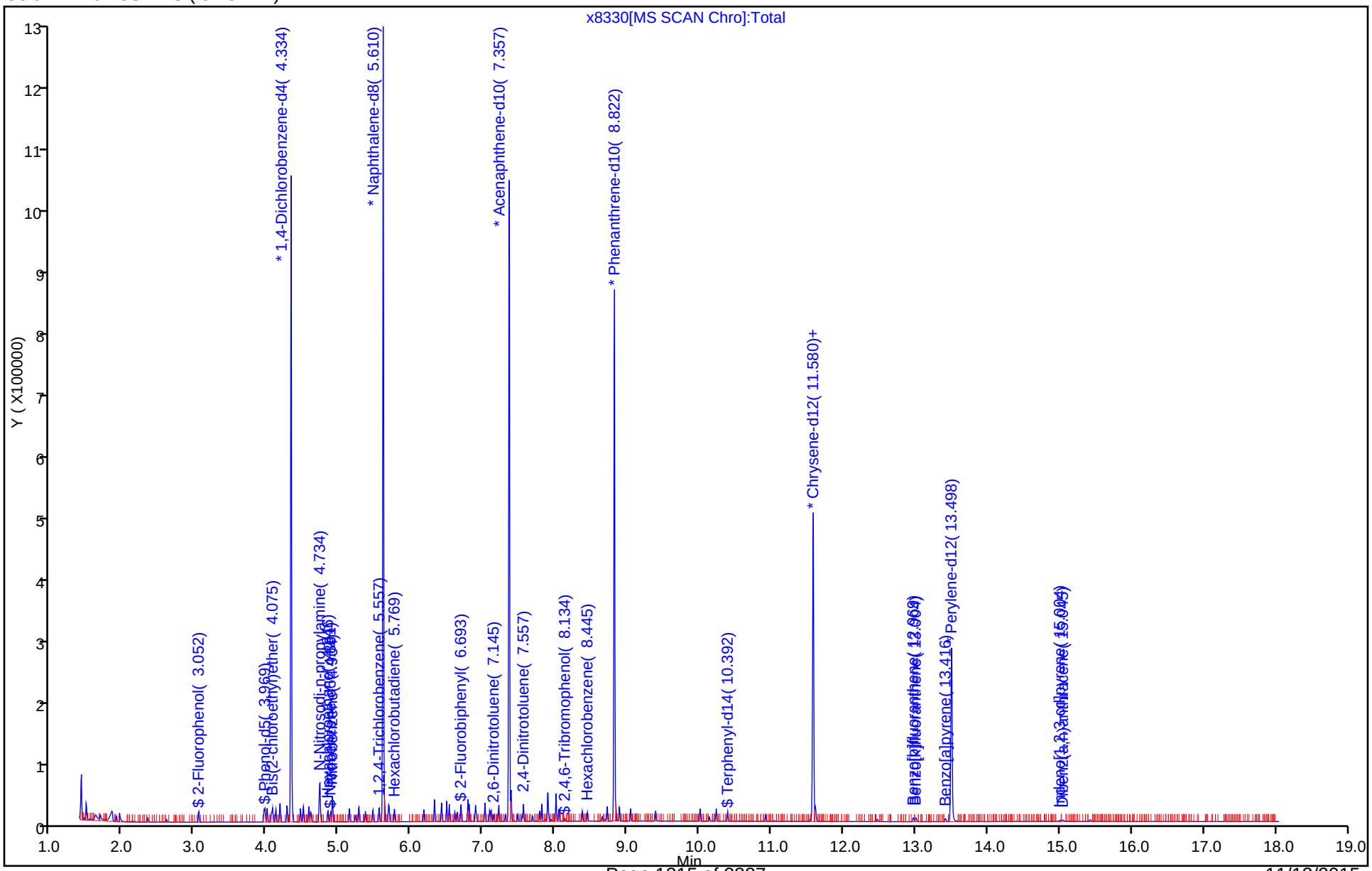
Report Date: 09-Nov-2015 14:33:11 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8330.D

Injection Date:	08-Nov-2015 17:52:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8331.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 08-Nov-2015 18:16:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033972-010
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub37

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 09-Nov-2015 14:33:17 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: bayoumiw Date: 08-Nov-2015 22:24:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
9 Bis(2-chloroethyl)ether	93	4.057	4.069	-0.012	96	2421	0.5000	0.5340	
* 14 1,4-Dichlorobenzene-d4	152	4.334	4.334	0.000	96	147552	40.0	40.0	
22 N-Nitrosodi-n-propylamine	70	4.734	4.746	-0.012	89	1582	0.5000	0.5331	
25 Hexachloroethane	117	4.840	4.846	-0.006	94	1023	0.5000	0.5007	
$ 26 Nitrobenzene-d5	82	4.881	4.893	-0.012	86	2193	0.5000	0.4744	
27 n,n'-Dimethylaniline	120	4.910	4.916	-0.006	92	3570	0.5000	0.4911	
28 Nitrobenzene	77	4.904	4.916	-0.012	94	3182	0.5000	0.5036	
37 1,2,4-Trichlorobenzene	180	5.557	5.557	0.000	94	2081	0.5000	0.5068	
* 38 Naphthalene-d8	136	5.610	5.610	0.000	99	532249	40.0	40.0	
$ 51 2-Fluorobiphenyl	172	6.692	6.692	0.000	98	4205	0.5000	0.4983	
* 65 Acenaphthene-d10	164	7.357	7.363	-0.006	94	210001	40.0	40.0	
83 Hexachlorobenzene	284	8.445	8.451	-0.006	95	898	0.5000	0.4936	
* 88 Phenanthrene-d10	188	8.822	8.822	0.000	98	289363	40.0	40.0	
$ 96 Terphenyl-d14	244	10.392	10.398	-0.006	97	2355	0.5000	0.4534	
101 Benzo[a]anthracene	228	11.569	11.575	-0.005	97	3323	0.5000	0.5797	
* 102 Chrysene-d12	240	11.580	11.586	-0.006	99	187505	40.0	40.0	
106 Benzo[b]fluoranthene	252	12.968	12.980	-0.012	96	1928	0.5000	0.5010	
107 Benzo[k]fluoranthene	252	13.010	13.016	-0.006	97	1902	0.5000	0.4631	
108 Benzo[a]pyrene	252	13.416	13.427	-0.011	96	1536	0.5000	0.4492	
* 109 Perylene-d12	264	13.504	13.504	0.000	98	133103	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.004	15.021	-0.017	94	1020	0.5000	0.3714	M
111 Dibenz(a,h)anthracene	278	15.045	15.057	-0.012	93	956	0.5000	0.5392	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

SV_IC_BNA_L1_00009 Amount Added: 1.00 Units: mL

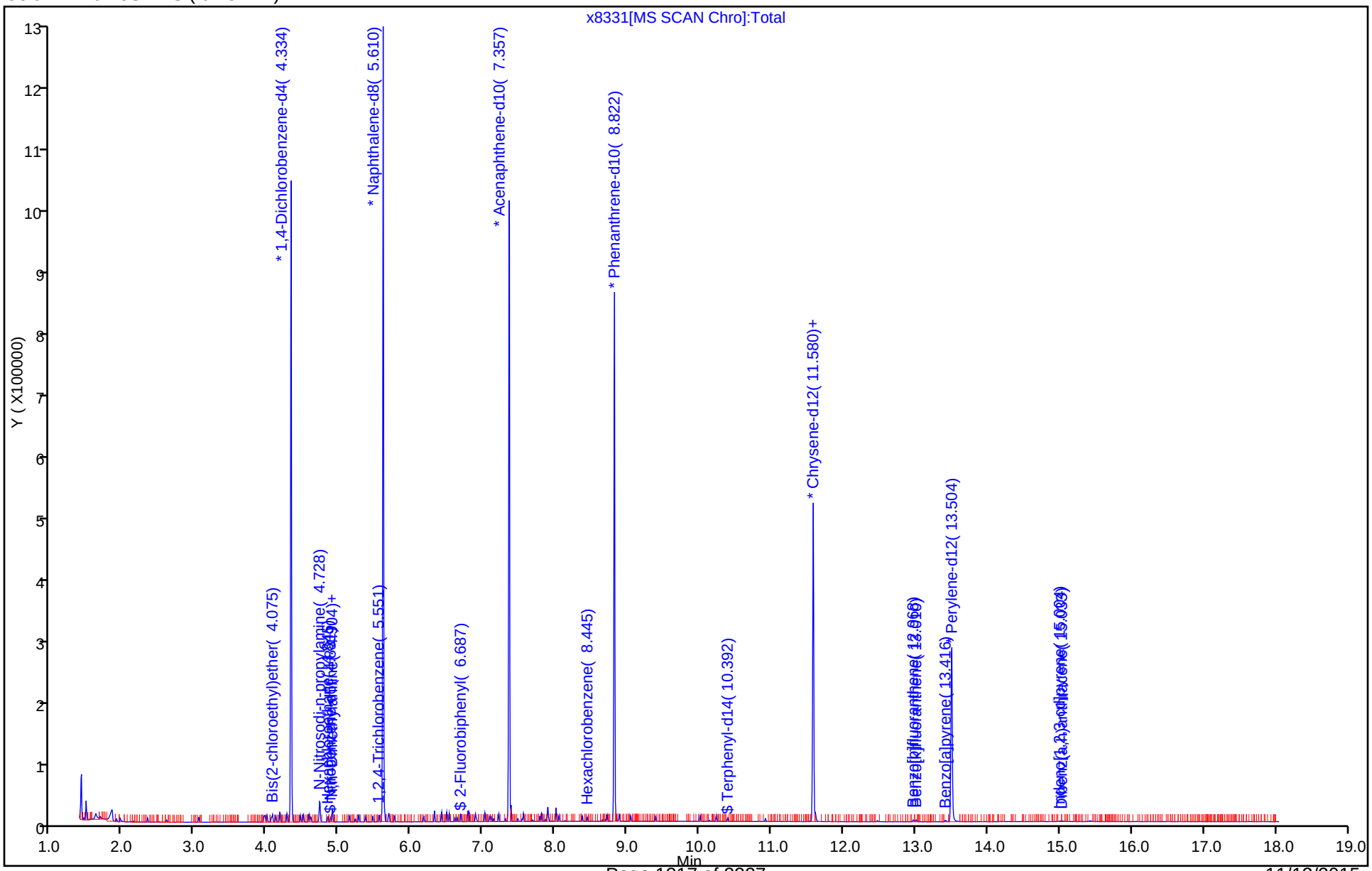
Report Date: 09-Nov-2015 14:33:20 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8331.D

Injection Date:	08-Nov-2015 18:16:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	STD05			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 333983

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/08/2015 18:40 Calibration End Date: 11/08/2015 21:05 Calibration ID: 53183

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD2 460-333983/17	x8338.D
Level 2	STD5 460-333983/16	x8337.D
Level 3	STD010 460-333983/15	x8336.D
Level 4	STD020 460-333983/14	x8335.D
Level 5	STD50 460-333983/11	x8332.D
Level 6	STD080 460-333983/13	x8334.D
Level 7	STD120 460-333983/12	x8333.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzaldehyde	1.0972 1.0890	1.0866 1.0984	1.0579	1.1310	1.1322	Ave		1.0989			0.0100	2.4		20.0			
Caprolactam	0.0718 0.0813	0.0796 0.0884	0.0805	0.0884	0.0833	Ave		0.0819			0.0100	7.0		20.0			
Atrazine	0.1831 0.1911	0.1888 0.2060	0.1867	0.2094	0.2058	Ave		0.1958			0.0100	5.5		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 333983

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/08/2015 18:40 Calibration End Date: 11/08/2015 21:05 Calibration ID: 53183

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD2 460-333983/17	x8338.D
Level 2	STD5 460-333983/16	x8337.D
Level 3	STD010 460-333983/15	x8336.D
Level 4	STD020 460-333983/14	x8335.D
Level 5	STD50 460-333983/11	x8332.D
Level 6	STD080 460-333983/13	x8334.D
Level 7	STD120 460-333983/12	x8333.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Benzaldehyde	DCB	Ave	7978 321117	22670 532679	37831	92184	212265	2.00 80.0	5.00 120	10.0	20.0	50.0
Caprolactam	NPT	Ave	1940 85593	6041 151093	10488	25531	55931	2.00 80.0	5.00 120	10.0	20.0	50.0
Atrazine	PHN	Ave	2724 107600	8174 200642	13398	33470	72909	2.00 80.0	5.00 120	10.0	20.0	50.0

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8332.D
Lims ID: std50
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 08-Nov-2015 18:40:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033972-011
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub34

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 09-Nov-2015 14:33:30 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: bayoumiw Date: 08-Nov-2015 22:24:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.899	3.899	0.000	91	212265	50.0	51.5	
* 14 1,4-Dichlorobenzene-d4	152	4.334	4.334	0.000	95	149984	40.0	40.0	
* 38 Naphthalene-d8	136	5.610	5.610	0.000	99	536921	40.0	40.0	
42 Caprolactam	113	6.022	6.022	0.000	94	55931	50.0	50.9	
* 65 Acenaphthene-d10	164	7.357	7.357	0.000	92	236535	40.0	40.0	
84 Atrazine	200	8.545	8.545	0.000	92	72909	50.0	52.5	
* 88 Phenanthrene-d10	188	8.822	8.822	0.000	98	283405	40.0	40.0	
* 102 Chrysene-d12	240	11.580	11.580	0.000	99	164174	40.0	40.0	
* 109 Perylene-d12	264	13.498	13.498	0.000	98	121493	40.0	40.0	

Reagents:

SV_IC-S_L6_00012 Amount Added: 1.00 Units: mL

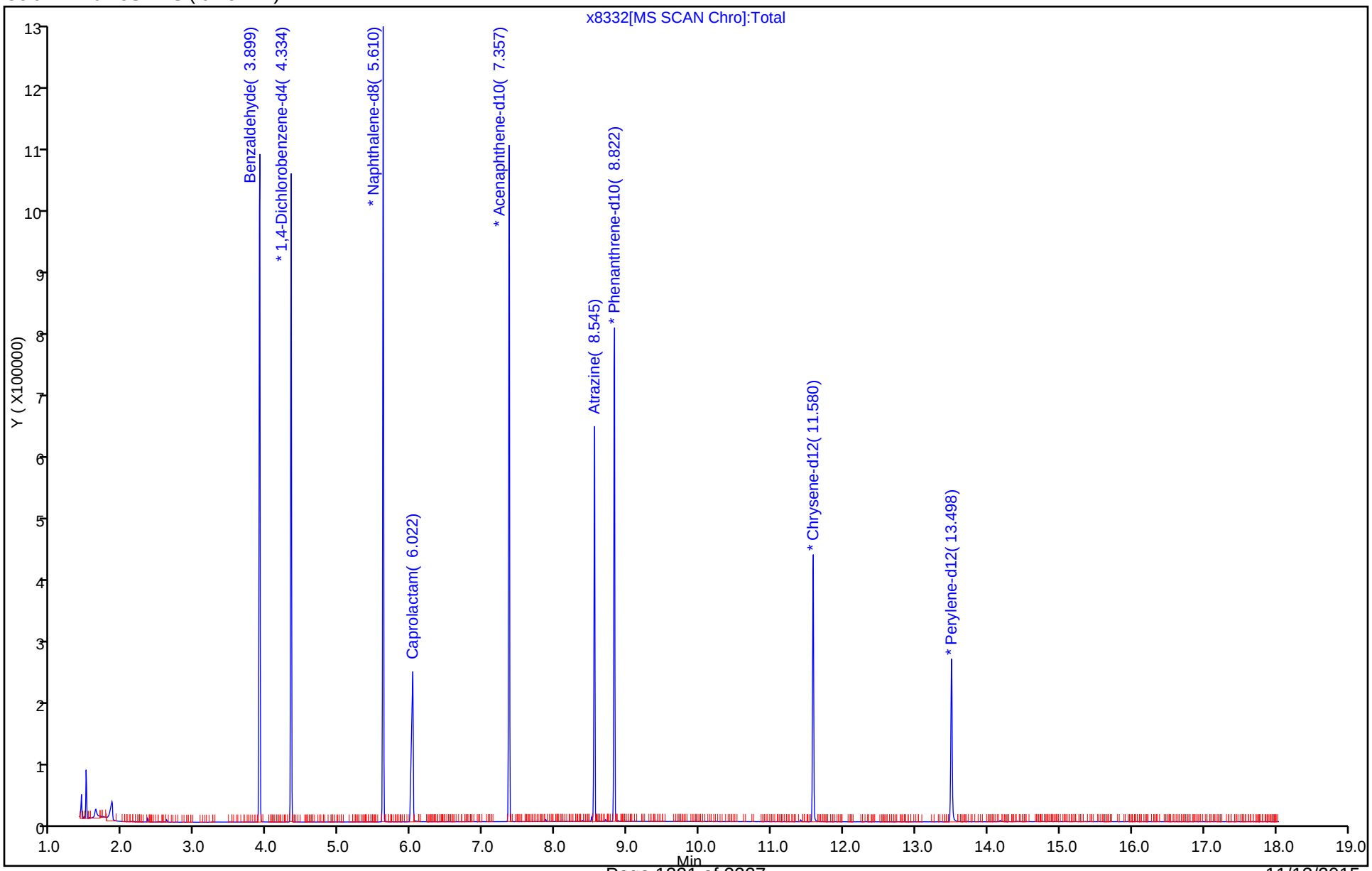
Report Date: 09-Nov-2015 14:33:32 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8332.D

Injection Date:	08-Nov-2015 18:40:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	std50			Worklist Smp#:	11
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8333.D
Lims ID: std120
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 08-Nov-2015 19:04:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033972-012
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub34

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 09-Nov-2015 14:33:39 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: bayoumiw Date: 08-Nov-2015 22:27:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.904	3.899	0.005	92	532679	120.0	119.9	
* 14 1,4-Dichlorobenzene-d4	152	4.334	4.334	0.000	95	161660	40.0	40.0	
* 38 Naphthalene-d8	136	5.610	5.610	0.000	99	570047	40.0	40.0	
42 Caprolactam	113	6.051	6.022	0.029	93	151093	120.0	129.4	
* 65 Acenaphthene-d10	164	7.357	7.357	0.000	1	233432	40.0	40.0	M
84 Atrazine	200	8.557	8.545	0.012	93	200642	120.0	126.2	
* 88 Phenanthrene-d10	188	8.822	8.822	0.000	98	324657	40.0	40.0	
* 102 Chrysene-d12	240	11.580	11.580	0.000	98	204534	40.0	40.0	
* 109 Perylene-d12	264	13.504	13.498	0.006	97	150170	40.0	40.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

SV_IC-S_L8_00003 Amount Added: 1.00 Units: mL

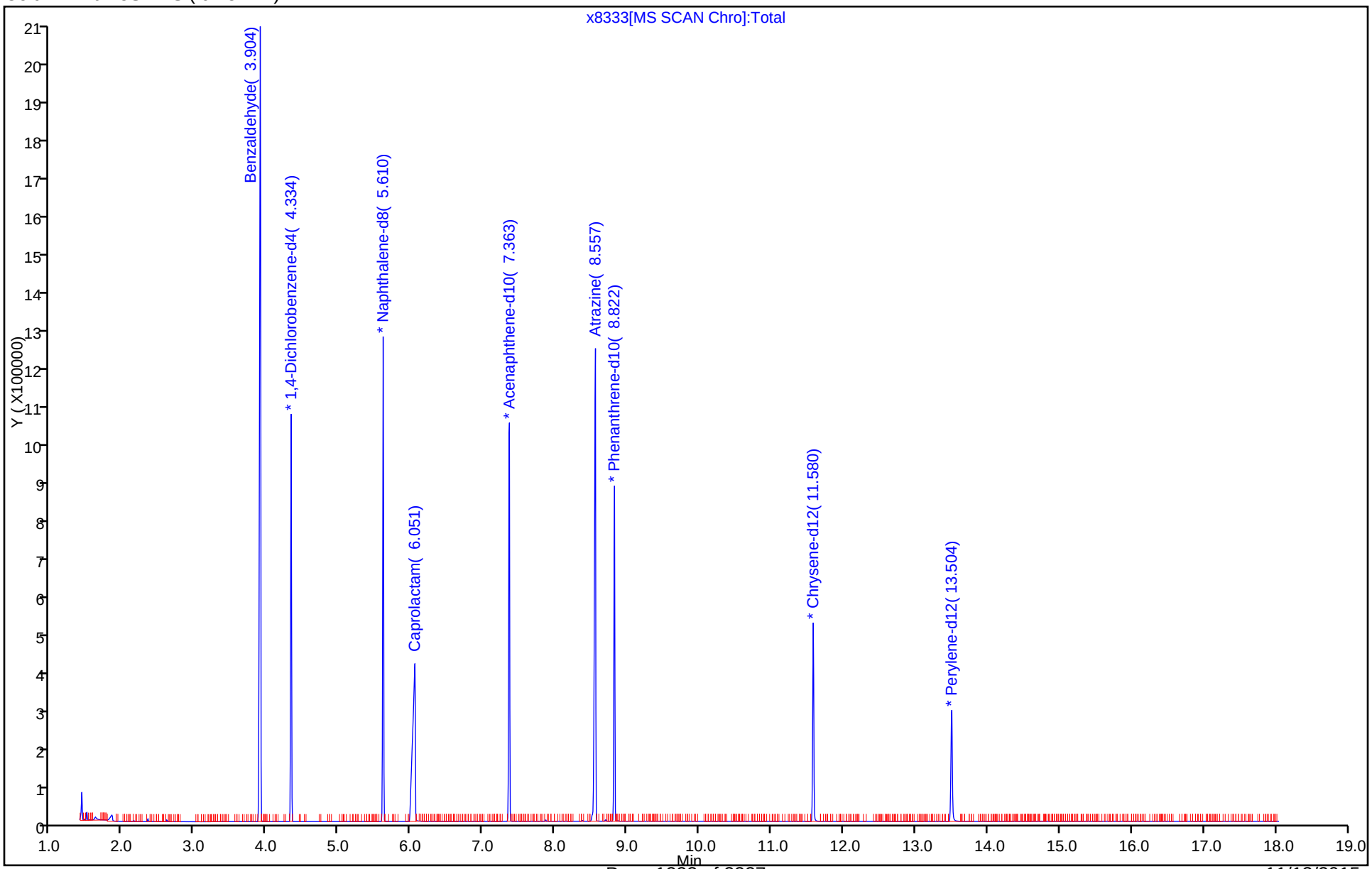
Report Date: 09-Nov-2015 14:33:42 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8333.D

Injection Date:	08-Nov-2015 19:04:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	std120			Worklist Smp#:	12
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8334.D
Lims ID: std080
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 08-Nov-2015 19:28:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033972-013
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub34

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 09-Nov-2015 14:33:50 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: bayoumiw Date: 08-Nov-2015 22:27:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.898	3.899	-0.001	96	321117	80.0	79.3	
* 14 1,4-Dichlorobenzene-d4	152	4.334	4.334	0.000	96	147437	40.0	40.0	
* 38 Naphthalene-d8	136	5.610	5.610	0.000	99	526228	40.0	40.0	
42 Caprolactam	113	6.034	6.022	0.012	93	85593	80.0	79.4	
* 65 Acenaphthene-d10	164	7.357	7.357	0.000	96	207048	40.0	40.0	
84 Atrazine	200	8.551	8.545	0.006	95	107600	80.0	78.1	
* 88 Phenanthrene-d10	188	8.822	8.822	0.000	99	281498	40.0	40.0	
* 102 Chrysene-d12	240	11.580	11.580	0.000	99	168505	40.0	40.0	
* 109 Perylene-d12	264	13.504	13.498	0.006	97	126316	40.0	40.0	

Reagents:

SV_IC-S_L7_00003 Amount Added: 1.00 Units: mL

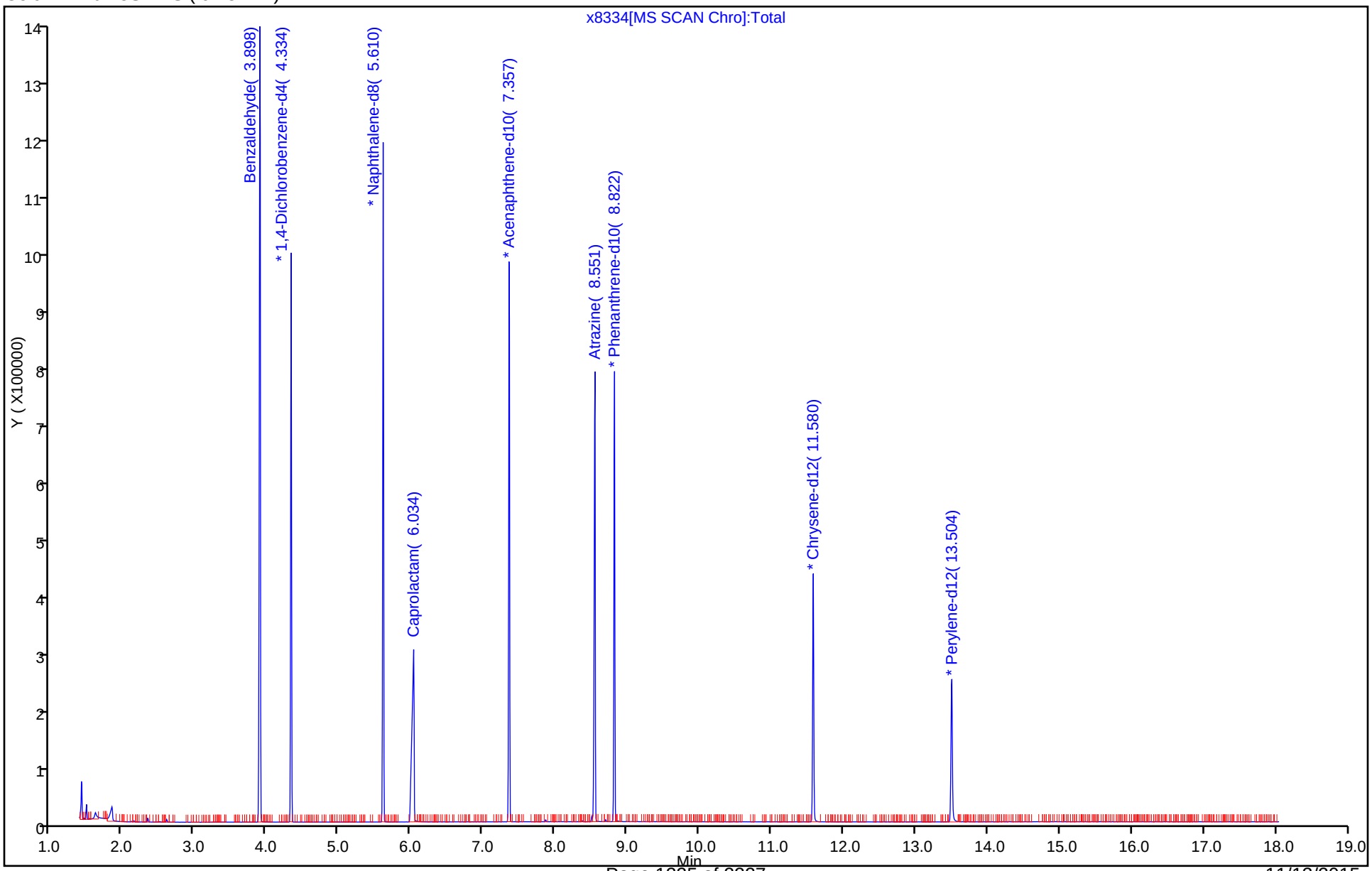
Report Date: 09-Nov-2015 14:33:51 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8334.D

Injection Date:	08-Nov-2015 19:28:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	std080			Worklist Smp#:	13
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8335.D
Lims ID: std020
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 08-Nov-2015 19:52:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033972-014
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub34

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 09-Nov-2015 14:33:59 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: bayoumiw Date: 08-Nov-2015 22:28:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.893	3.899	-0.006	95	92184	20.0	20.6	
* 14 1,4-Dichlorobenzene-d4	152	4.334	4.334	0.000	95	163011	40.0	40.0	
* 38 Naphthalene-d8	136	5.610	5.610	0.000	99	577517	40.0	40.0	
42 Caprolactam	113	6.010	6.022	-0.012	93	25531	20.0	21.6	
* 65 Acenaphthene-d10	164	7.363	7.357	0.006	96	233933	40.0	40.0	
84 Atrazine	200	8.539	8.545	-0.006	94	33470	20.0	21.4	
* 88 Phenanthrene-d10	188	8.822	8.822	0.000	99	319615	40.0	40.0	
* 102 Chrysene-d12	240	11.580	11.580	0.000	99	203061	40.0	40.0	
* 109 Perylene-d12	264	13.504	13.498	0.006	97	149731	40.0	40.0	

Reagents:

SV_IC-S_L5_00006 Amount Added: 1.00 Units: mL

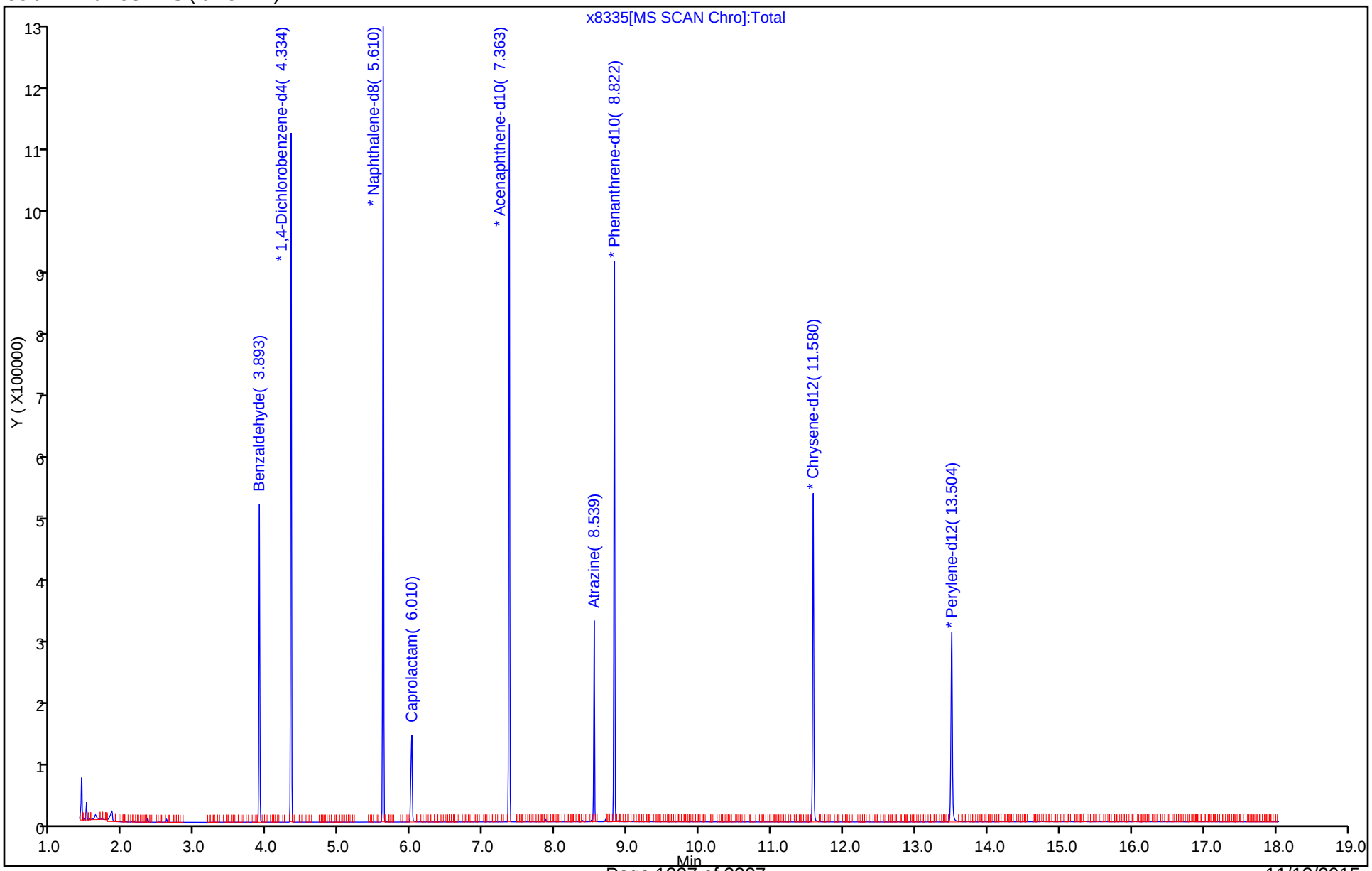
Report Date: 09-Nov-2015 14:34:02 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8335.D

Injection Date:	08-Nov-2015 19:52:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	std020			Worklist Smp#:	14
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8336.D
Lims ID: std010
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 08-Nov-2015 20:17:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033972-015
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub34

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 09-Nov-2015 14:34:07 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: bayoumiw Date: 08-Nov-2015 22:28:22

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.893	3.899	-0.006	95	37831	10.0	9.63	
* 14 1,4-Dichlorobenzene-d4	152	4.334	4.334	0.000	96	143042	40.0	40.0	
* 38 Naphthalene-d8	136	5.610	5.610	0.000	99	521207	40.0	40.0	
42 Caprolactam	113	5.998	6.022	-0.024	93	10488	10.0	9.83	
* 65 Acenaphthene-d10	164	7.357	7.357	0.000	97	209622	40.0	40.0	
84 Atrazine	200	8.539	8.545	-0.006	94	13398	10.0	9.53	
* 88 Phenanthrene-d10	188	8.822	8.822	0.000	99	287113	40.0	40.0	
* 102 Chrysene-d12	240	11.580	11.580	0.000	99	174590	40.0	40.0	
* 109 Perylene-d12	264	13.504	13.498	0.006	98	125279	40.0	40.0	

Reagents:

SV_IC-S_L4_00018 Amount Added: 1.00 Units: mL

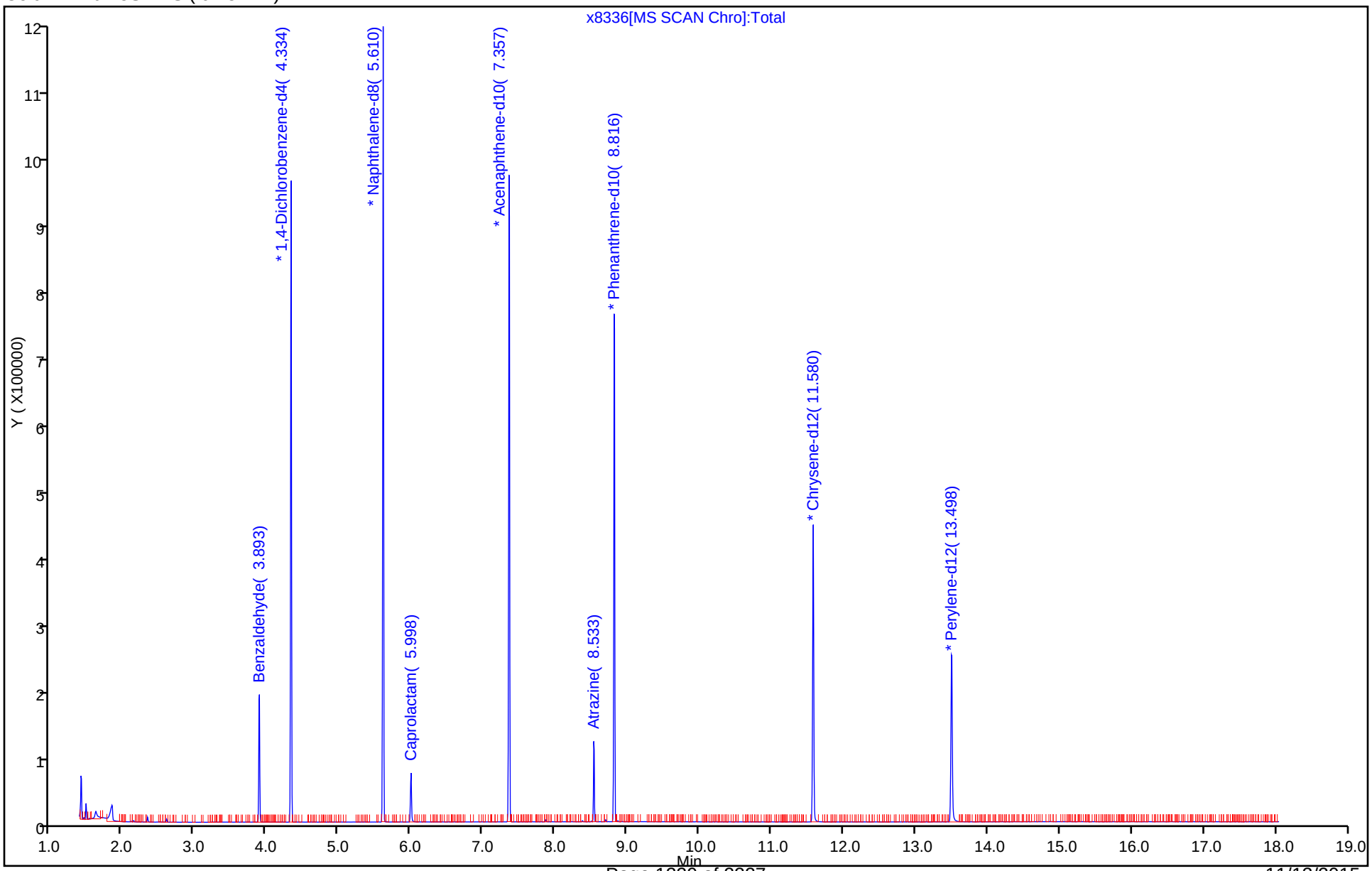
Report Date: 09-Nov-2015 14:34:11 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8336.D

Injection Date:	08-Nov-2015 20:17:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	std010			Worklist Smp#:	15
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8337.D
Lims ID: std5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 08-Nov-2015 20:41:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033972-016
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub34

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 09-Nov-2015 14:34:17 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: bayoumiw Date: 08-Nov-2015 22:28:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.893	3.899	-0.006	95	22670	5.00	4.94	
* 14 1,4-Dichlorobenzene-d4	152	4.334	4.334	0.000	95	166908	40.0	40.0	
* 38 Naphthalene-d8	136	5.610	5.610	0.000	99	607282	40.0	40.0	
42 Caprolactam	113	5.992	6.022	-0.030	93	6041	5.00	4.86	
* 65 Acenaphthene-d10	164	7.363	7.357	0.006	97	250827	40.0	40.0	
84 Atrazine	200	8.534	8.545	-0.011	94	8174	5.00	4.82	
* 88 Phenanthrene-d10	188	8.822	8.822	0.000	99	346418	40.0	40.0	
* 102 Chrysene-d12	240	11.580	11.580	0.000	99	205109	40.0	40.0	
* 109 Perylene-d12	264	13.504	13.498	0.006	97	143292	40.0	40.0	

Reagents:

SV_IC-S_L3_00007 Amount Added: 1.00 Units: mL

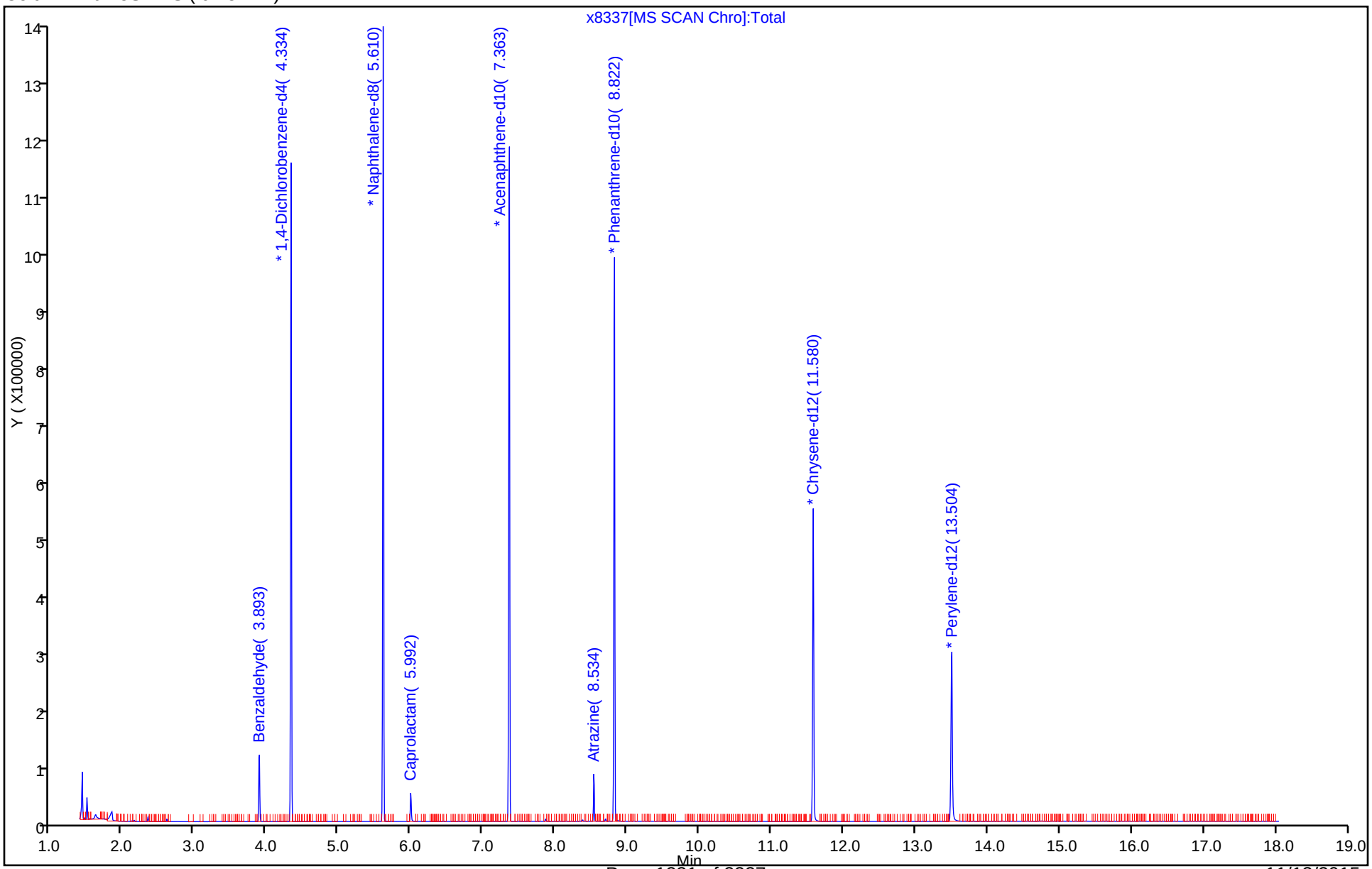
Report Date: 09-Nov-2015 14:34:20 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8337.D

Injection Date:	08-Nov-2015 20:41:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	std5			Worklist Smp#:	16
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D
Lims ID: std2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 08-Nov-2015 21:05:30 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033972-017
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub34

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 09-Nov-2015 14:34:27 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: bayoumiw Date: 08-Nov-2015 22:28:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.892	3.899	-0.007	95	7978	2.00	2.00	
* 14 1,4-Dichlorobenzene-d4	152	4.334	4.334	0.000	96	145421	40.0	40.0	
* 38 Naphthalene-d8	136	5.610	5.610	0.000	99	540112	40.0	40.0	
42 Caprolactam	113	5.992	6.022	-0.030	94	1940	2.00	1.75	
* 65 Acenaphthene-d10	164	7.357	7.357	0.000	95	217869	40.0	40.0	
84 Atrazine	200	8.533	8.545	-0.012	93	2724	2.00	1.87	
* 88 Phenanthrene-d10	188	8.822	8.822	0.000	99	297494	40.0	40.0	
* 102 Chrysene-d12	240	11.580	11.580	0.000	99	184602	40.0	40.0	
* 109 Perylene-d12	264	13.504	13.498	0.006	98	131137	40.0	40.0	

Reagents:

SV_IC-S_L2_00006 Amount Added: 1.00 Units: mL

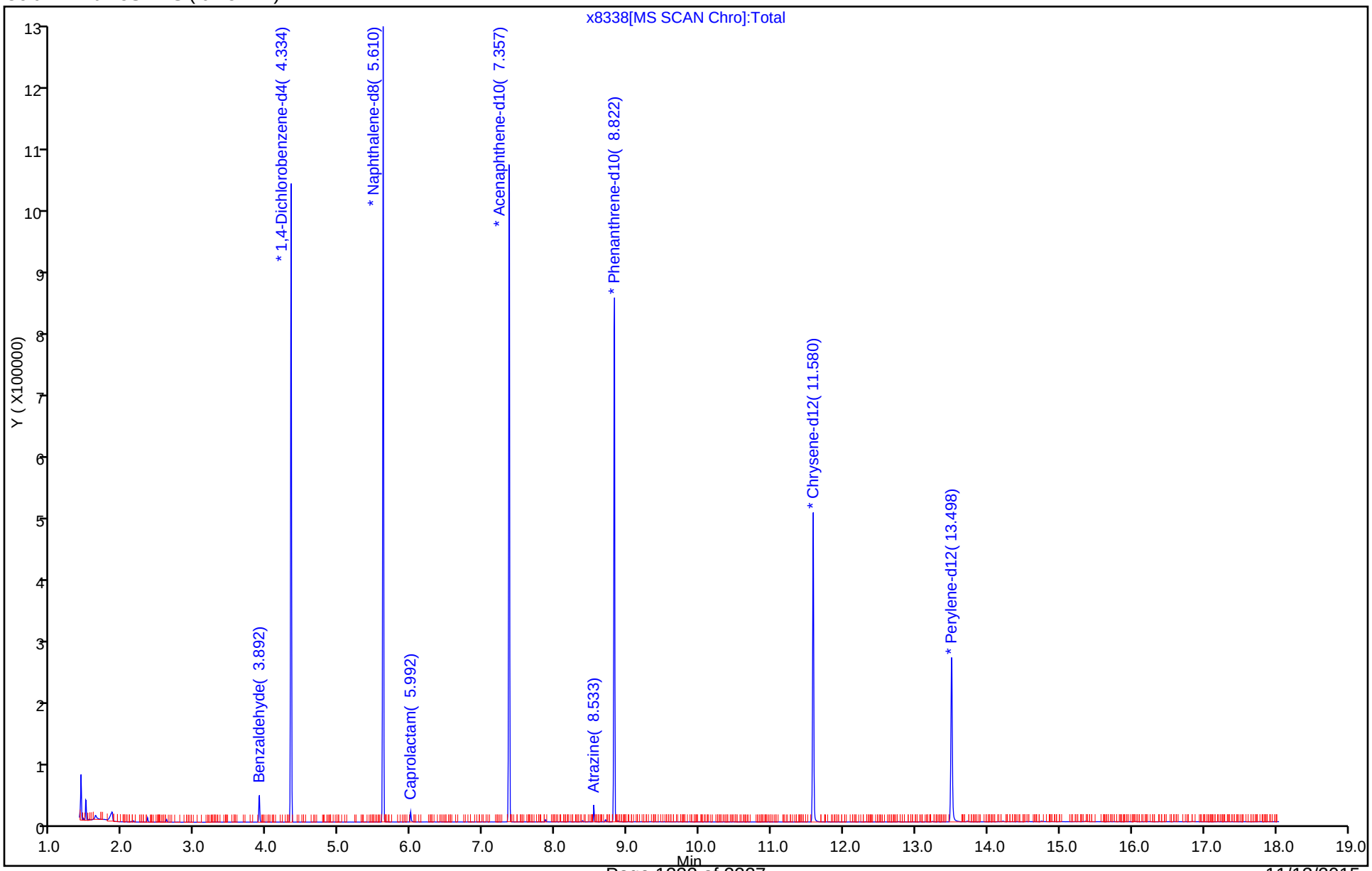
Report Date: 09-Nov-2015 14:34:29 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Injection Date:	08-Nov-2015 21:05:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	std2			Worklist Smp#:	17
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 332084

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2015 22:18 Calibration End Date: 10/30/2015 00:25 Calibration ID: 53010

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 460-332084/16	M965843.D
Level 2	STD1 460-332084/15	M965842.D
Level 3	STD2 460-332084/14	M965841.D
Level 4	STD4 460-332084/13	M965840.D
Level 5	STD10 460-332084/10	M965837.D
Level 6	STD16 460-332084/12	M965839.D
Level 7	STD24 460-332084/11	M965838.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzaldehyde	1.7074 1.1808	1.5051 1.0967	1.5680	1.5760	1.3873	Ave		1.4316			0.0100	15.6		20.0			
Caprolactam	0.1151 0.1506	0.1346 0.1548	0.1369	0.1568	0.1593	Ave		0.1440			0.0100	11.1		20.0			
Atrazine	0.2711 0.2458	0.2427 0.2302	0.2579	0.2790	0.2515	Ave		0.2540			0.0100	6.6		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 332084

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2015 22:18 Calibration End Date: 10/30/2015 00:25 Calibration ID: 53010

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 460-332084/16	M965843.D
Level 2	STD1 460-332084/15	M965842.D
Level 3	STD2 460-332084/14	M965841.D
Level 4	STD4 460-332084/13	M965840.D
Level 5	STD10 460-332084/10	M965837.D
Level 6	STD16 460-332084/12	M965839.D
Level 7	STD24 460-332084/11	M965838.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Benzaldehyde	DCB	Ave	60642 3275845	273010 4680122	541699	1075774	2333212	0.200 16.0	1.00 24.0	2.00	4.00	10.0
Caprolactam	NPT	Ave	12902 1284660	75131 1992839	154664	337199	826899	0.200 16.0	1.00 24.0	2.00	4.00	10.0
Atrazine	PHN	Ave	30589 2145016	148968 3092873	293761	627634	1380888	0.200 16.0	1.00 24.0	2.00	4.00	10.0

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965837.D
Lims ID: std10
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 29-Oct-2015 22:18:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033581-010
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub20

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 30-Oct-2015 02:59:53 Calib Date: 30-Oct-2015 00:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965843.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: bayoumiw Date: 29-Oct-2015 23:28:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.163	4.163	0.000	84	2333212	10.0	9.69	
* 14 1,4-Dichlorobenzene-d4	152	4.604	4.604	0.000	96	1345487	8.00	8.00	
* 38 Naphthalene-d8	136	5.885	5.885	0.000	98	4153598	8.00	8.00	
42 Caprolactam	113	6.296	6.296	0.000	88	826899	10.0	11.1	
* 64 Acenaphthene-d10	164	7.648	7.648	0.000	90	2698292	8.00	8.00	
83 Atrazine	200	8.827	8.827	0.000	90	1380888	10.0	9.90	
* 87 Phenanthrene-d10	188	9.116	9.116	0.000	97	4392358	8.00	8.00	
* 102 Chrysene-d12	240	11.934	11.934	0.000	98	3258490	8.00	8.00	
* 109 Perylene-d12	264	13.912	13.912	0.000	99	2515953	8.00	8.00	

Reagents:

SM_BNAL5B_00015 Amount Added: 1.00 Units: mL

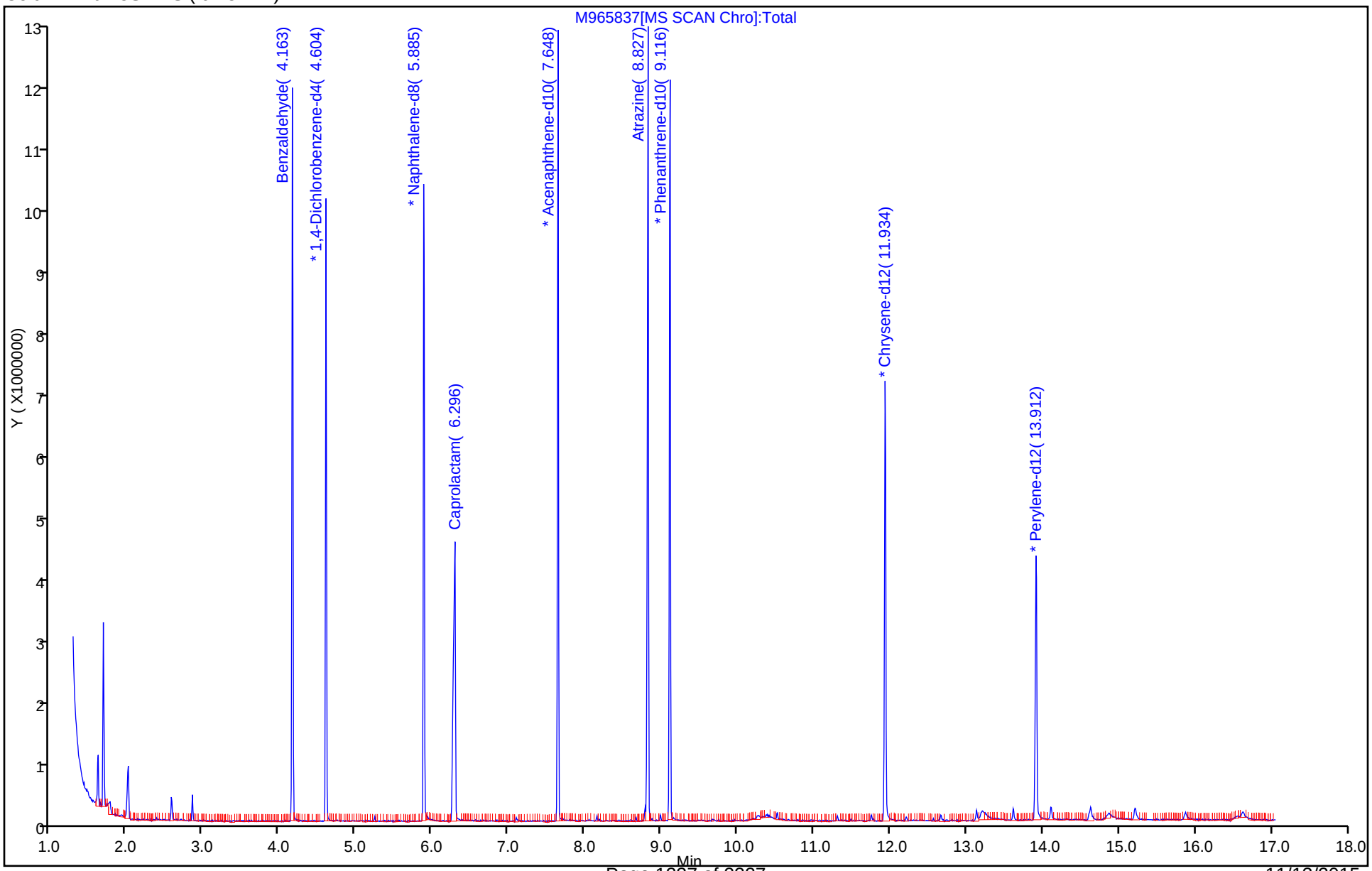
Report Date: 30-Oct-2015 02:59:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965837.D

Injection Date:	29-Oct-2015 22:18:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	std10			Worklist Smp#:	10
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965838.D
Lims ID: std24
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 29-Oct-2015 22:39:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033581-011
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub20

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 30-Oct-2015 02:59:50 Calib Date: 30-Oct-2015 00:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965843.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: bayoumiw Date: 29-Oct-2015 23:51:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.169	4.163	0.006	85	4680122	24.0	18.4	
* 14 1,4-Dichlorobenzene-d4	152	4.601	4.615	-0.014	96	1422517	8.00	8.00	
* 38 Naphthalene-d8	136	5.890	5.900	-0.010	99	4291531	8.00	8.00	
42 Caprolactam	113	6.327	6.296	0.031	86	1992839	24.0	25.8	
* 64 Acenaphthene-d10	164	7.644	7.652	-0.008	94	2625576	8.00	8.00	
83 Atrazine	200	8.839	8.827	0.012	92	3092873	24.0	21.8	
* 87 Phenanthrene-d10	188	9.110	9.118	-0.008	98	4478308	8.00	8.00	
* 102 Chrysene-d12	240	11.933	11.944	-0.011	98	3538919	8.00	8.00	
* 109 Perylene-d12	264	13.910	13.923	-0.013	99	2781332	8.00	8.00	

Reagents:

SM_BNAL7B_00003 Amount Added: 1.00 Units: mL

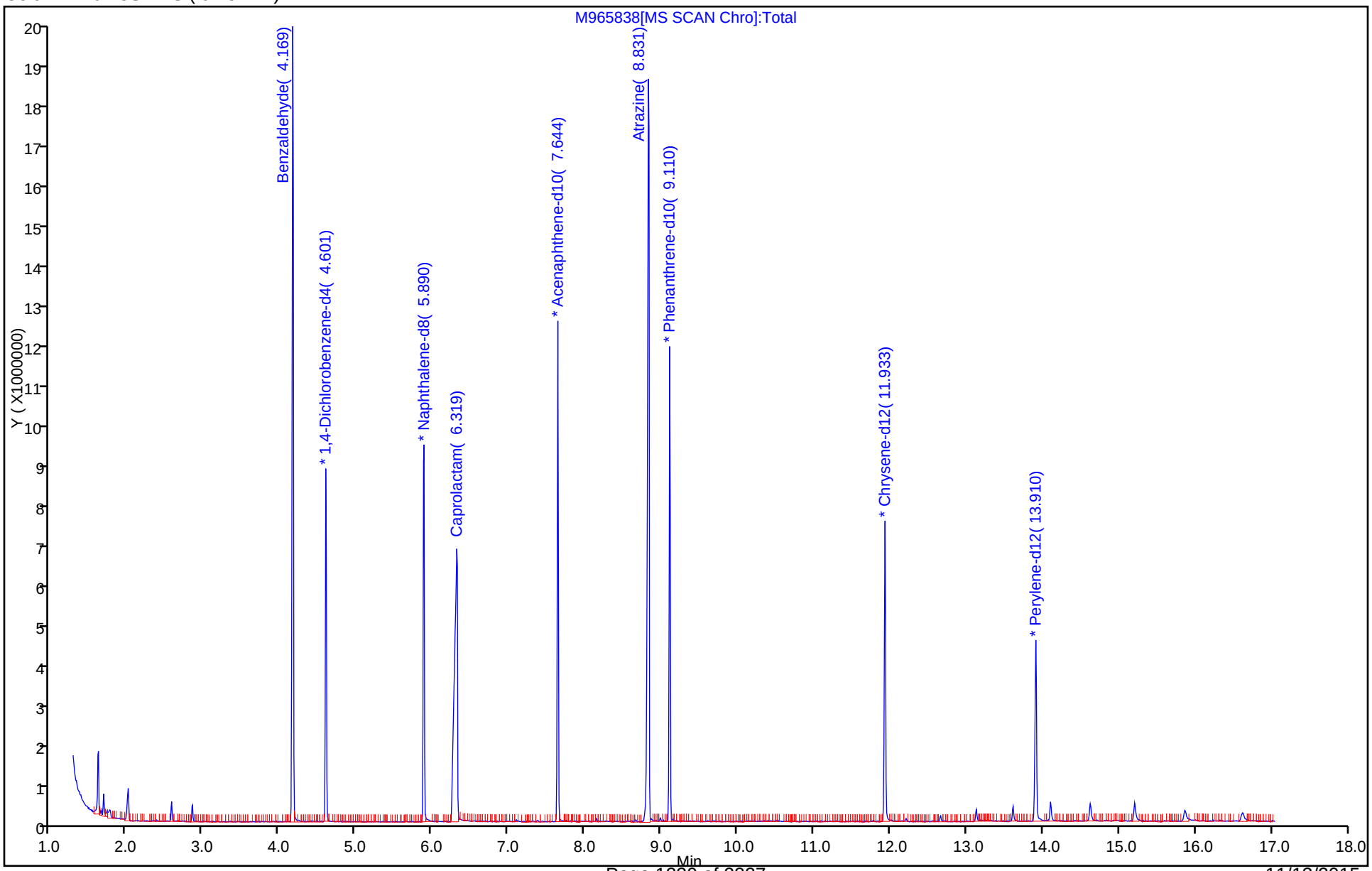
Report Date: 30-Oct-2015 02:59:51 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965838.D

Injection Date:	29-Oct-2015 22:39:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	std24			Worklist Smp#:	11
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965839.D
Lims ID: std16
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 29-Oct-2015 23:00:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033581-012
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub20

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 30-Oct-2015 02:59:46 Calib Date: 30-Oct-2015 00:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965843.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: bayoumiw Date: 30-Oct-2015 00:24:55

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.167	4.163	0.004	90	3275845	16.0	13.2	
* 14 1,4-Dichlorobenzene-d4	152	4.605	4.615	-0.010	97	1387132	8.00	8.00	
* 38 Naphthalene-d8	136	5.886	5.900	-0.014	99	4263808	8.00	8.00	
42 Caprolactam	113	6.309	6.296	0.013	88	1284660	16.0	16.7	
* 64 Acenaphthene-d10	164	7.645	7.652	-0.008	94	2606835	8.00	8.00	
83 Atrazine	200	8.827	8.827	0.000	89	2145016	16.0	15.5	
* 87 Phenanthrene-d10	188	9.111	9.118	-0.007	98	4363522	8.00	8.00	
* 102 Chrysene-d12	240	11.935	11.944	-0.009	99	3435613	8.00	8.00	
* 109 Perylene-d12	264	13.914	13.923	-0.009	99	2818959	8.00	8.00	

Reagents:

SM_BNAL6B_00010 Amount Added: 1.00 Units: mL

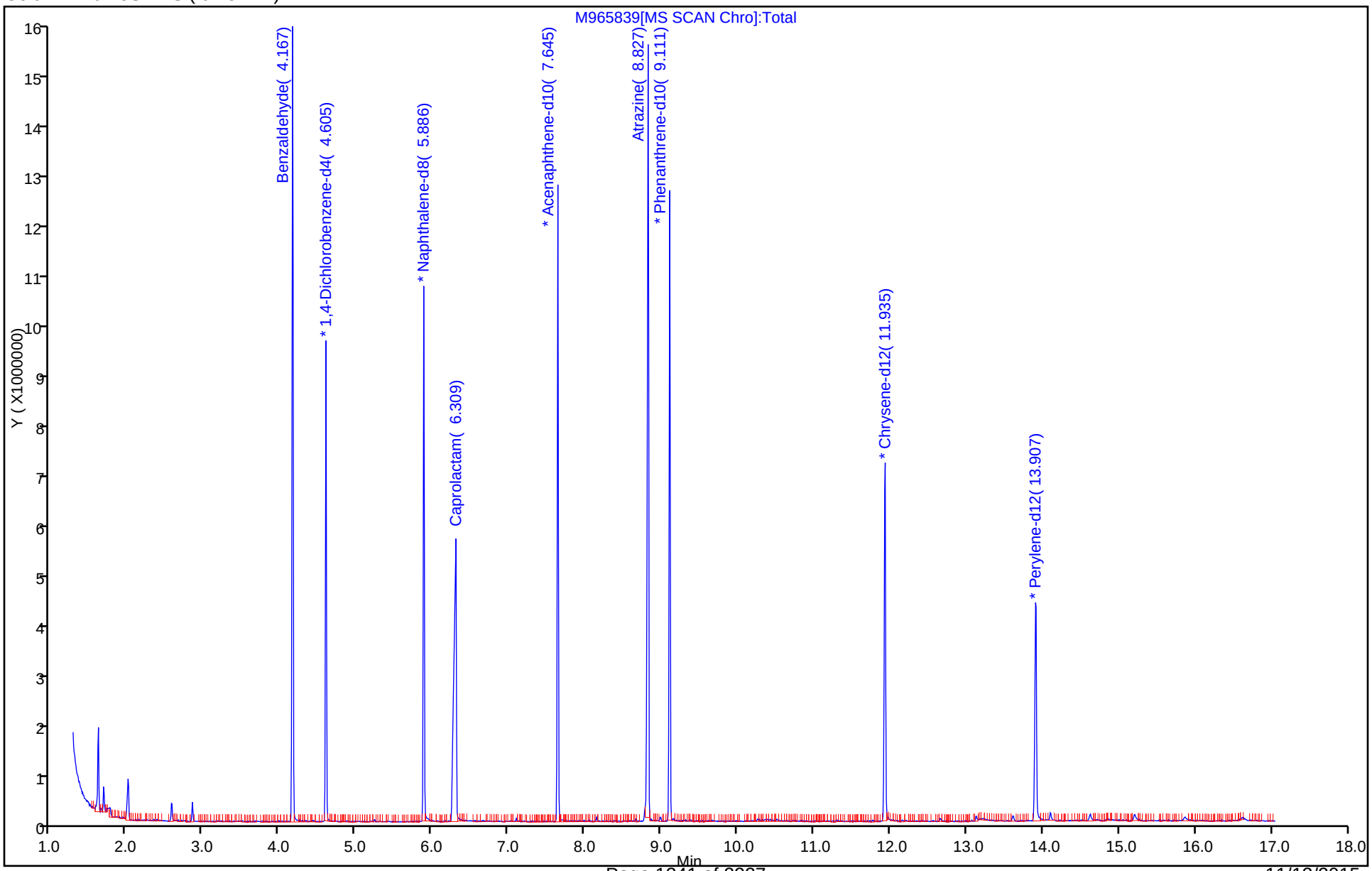
Report Date: 30-Oct-2015 02:59:47 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965839.D

Injection Date:	29-Oct-2015 23:00:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	std16			Worklist Smp#:	12
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965840.D
Lims ID: std4
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 29-Oct-2015 23:21:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033581-013
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub20

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 30-Oct-2015 02:59:43 Calib Date: 30-Oct-2015 00:25:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965843.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: bayoumiw Date: 30-Oct-2015 00:35:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.166	4.163	0.003	89	1075774	4.00	4.40	
* 14 1,4-Dichlorobenzene-d4	152	4.607	4.615	-0.008	96	1365169	8.00	8.00	
* 38 Naphthalene-d8	136	5.890	5.900	-0.010	98	4301097	8.00	8.00	
42 Caprolactam	113	6.280	6.296	-0.016	88	337199	4.00	4.36	
* 64 Acenaphthene-d10	164	7.647	7.652	-0.005	94	2720003	8.00	8.00	
83 Atrazine	200	8.819	8.827	-0.008	90	627634	4.00	4.39	
* 87 Phenanthrene-d10	188	9.111	9.118	-0.007	98	4499276	8.00	8.00	
* 102 Chrysene-d12	240	11.930	11.944	-0.014	98	3521525	8.00	8.00	
* 109 Perylene-d12	264	13.911	13.923	-0.012	99	2760288	8.00	8.00	

Reagents:

SM_BNAL4B_00019 Amount Added: 1.00 Units: mL

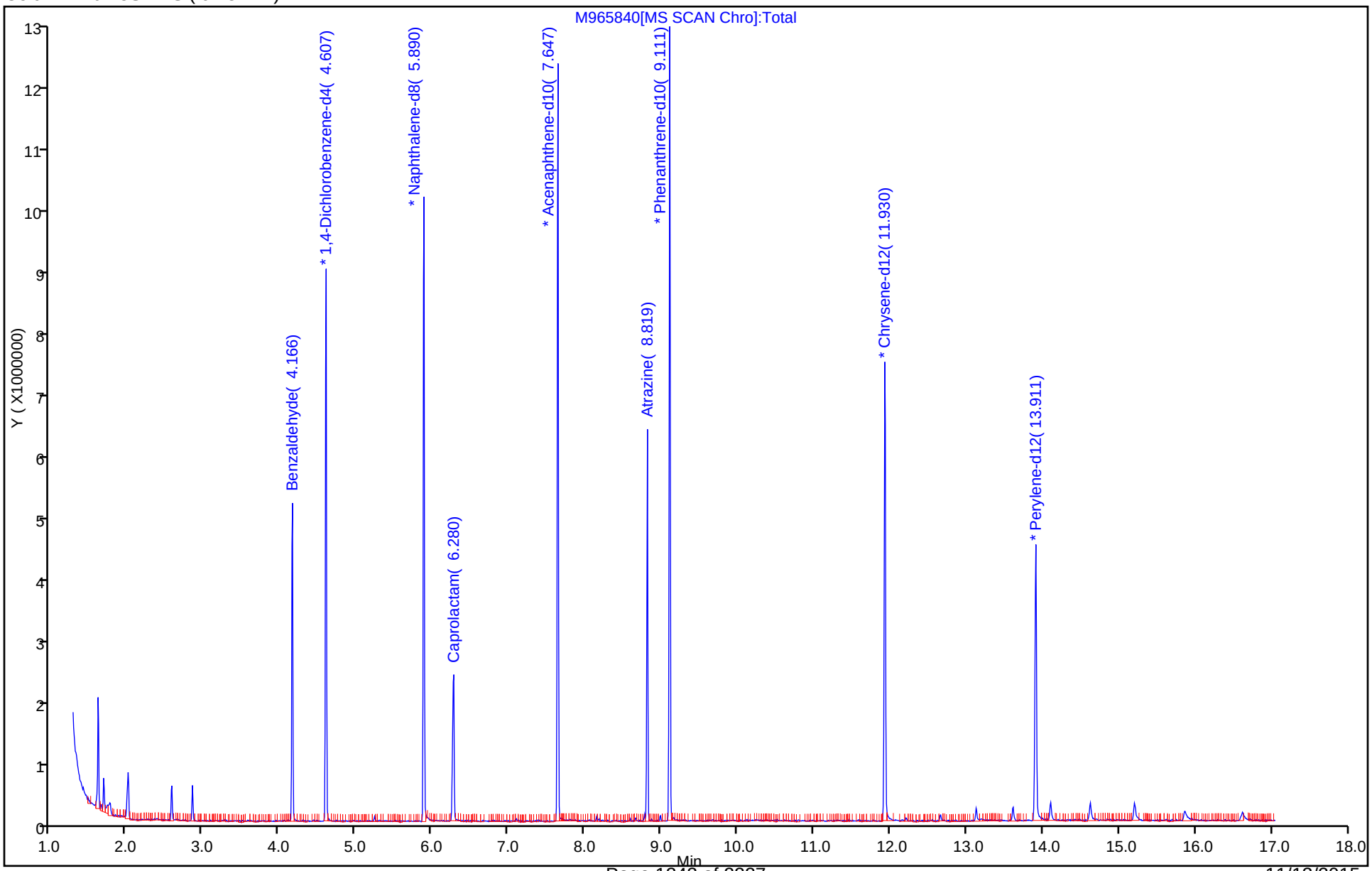
Report Date: 30-Oct-2015 02:59:44 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965840.D

Injection Date:	29-Oct-2015 23:21:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	std4			Worklist Smp#:	13
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965841.D
Lims ID: std2
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 29-Oct-2015 23:43:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033581-014
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub20

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 30-Oct-2015 02:59:40 Calib Date: 30-Oct-2015 00:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965843.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: asfawa Date: 30-Oct-2015 01:06:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.161	4.163	-0.002	90	541699	2.00	2.19	
* 14 1,4-Dichlorobenzene-d4	152	4.602	4.615	-0.013	97	1381844	8.00	8.00	
* 38 Naphthalene-d8	136	5.891	5.900	-0.009	99	4520628	8.00	8.00	
42 Caprolactam	113	6.271	6.296	-0.025	87	154664	2.00	1.90	
* 64 Acenaphthene-d10	164	7.644	7.652	-0.008	95	2693031	8.00	8.00	
83 Atrazine	200	8.817	8.827	-0.010	91	293761	2.00	2.03	
* 87 Phenanthrene-d10	188	9.108	9.118	-0.010	98	4555835	8.00	8.00	
* 102 Chrysene-d12	240	11.933	11.944	-0.011	98	3504043	8.00	8.00	
* 109 Perylene-d12	264	13.909	13.923	-0.014	99	2692320	8.00	8.00	

Reagents:

SM_BNAL3B_00010 Amount Added: 1.00 Units: mL

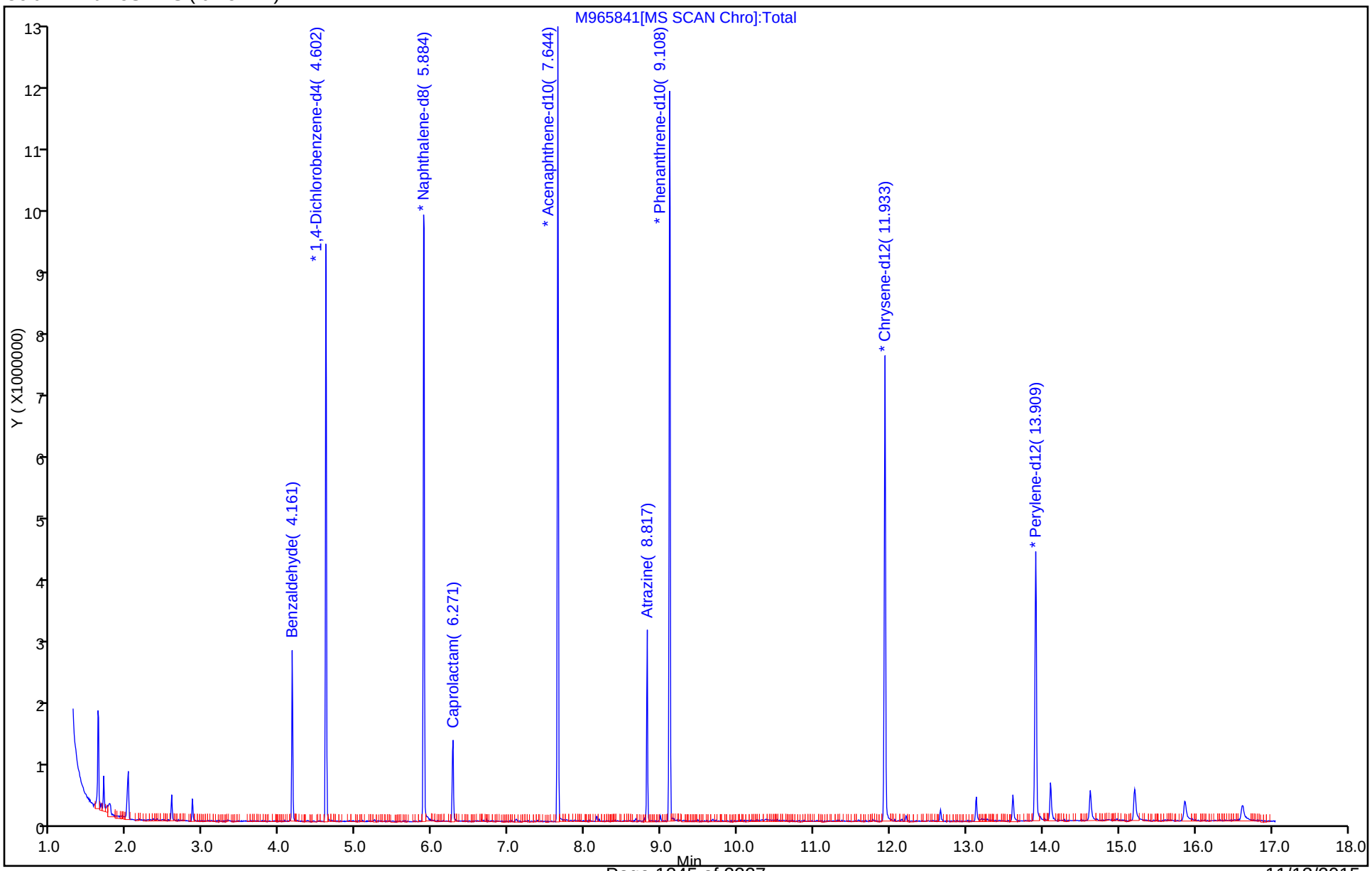
Report Date: 30-Oct-2015 02:59:41 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965841.D

Injection Date:	29-Oct-2015 23:43:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	std2			Worklist Smp#:	14
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965842.D
Lims ID: std1
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Oct-2015 00:04:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033581-015
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub20

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 30-Oct-2015 02:59:36 Calib Date: 30-Oct-2015 00:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965843.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: asfawa Date: 30-Oct-2015 01:16:35

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.166	4.163	0.003	89	273010	1.00	1.05	
* 14 1,4-Dichlorobenzene-d4	152	4.606	4.615	-0.009	96	1451120	8.00	8.00	
* 38 Naphthalene-d8	136	5.887	5.900	-0.013	98	4465859	8.00	8.00	
42 Caprolactam	113	6.267	6.296	-0.029	90	75131	1.00	0.9346	
* 64 Acenaphthene-d10	164	7.645	7.652	-0.007	95	2686244	8.00	8.00	
83 Atrazine	200	8.818	8.827	-0.009	90	148968	1.00	0.9553	
* 87 Phenanthrene-d10	188	9.111	9.118	-0.007	98	4911004	8.00	8.00	
* 102 Chrysene-d12	240	11.934	11.944	-0.010	98	3619730	8.00	8.00	
* 109 Perylene-d12	264	13.910	13.923	-0.013	99	2818256	8.00	8.00	

Reagents:

SM_BNAL2B_00012 Amount Added: 1.00 Units: mL

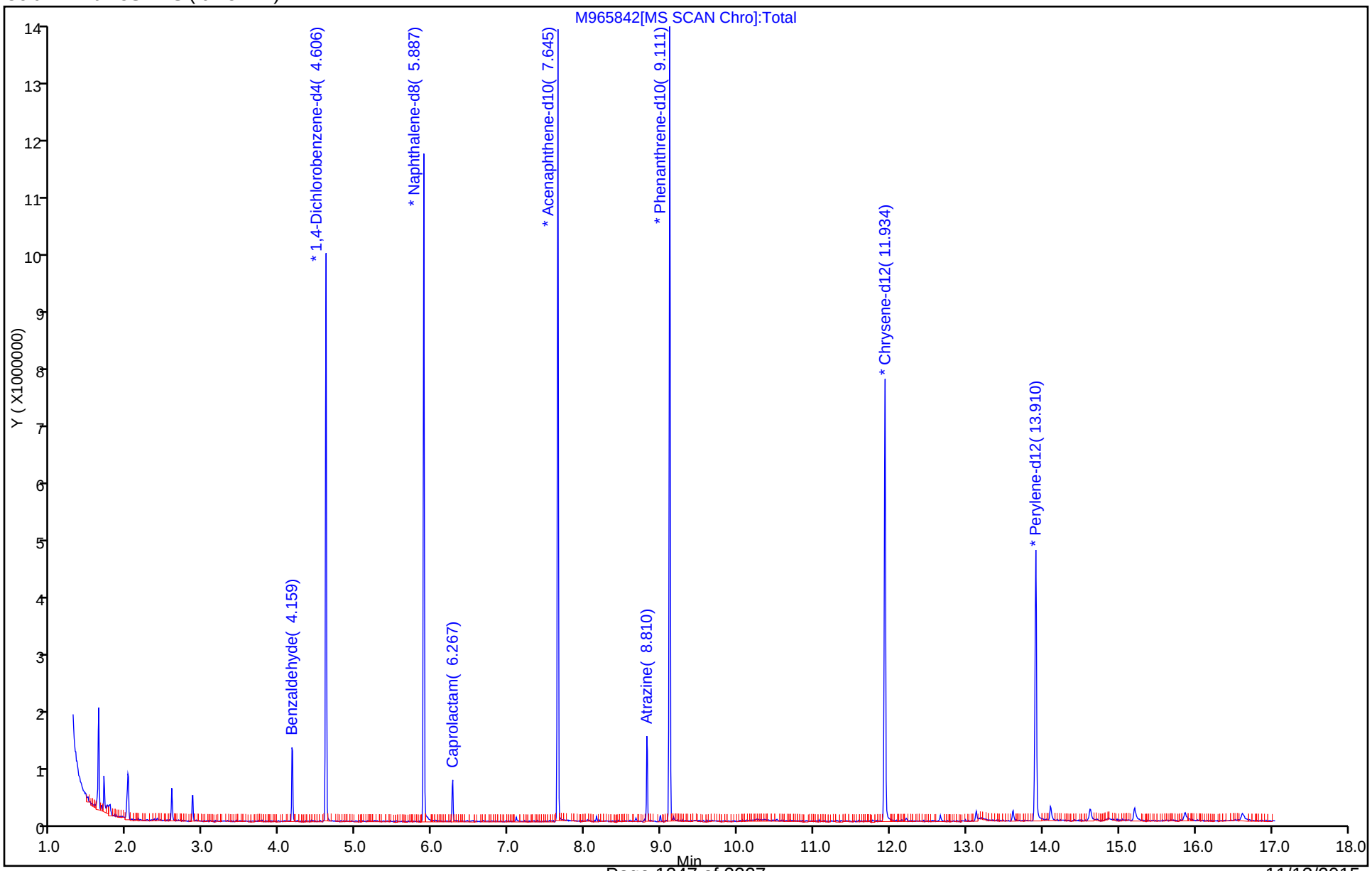
Report Date: 30-Oct-2015 02:59:38 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965842.D

Injection Date:	30-Oct-2015 00:04:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	std1			Worklist Smp#:	15
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965843.D
Lims ID: std02
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 30-Oct-2015 00:25:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033581-016
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub20

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 30-Oct-2015 02:59:33 Calib Date: 30-Oct-2015 00:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965843.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: bayoumiw Date: 30-Oct-2015 01:32:43

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.163	4.163	0.000	94	60642	0.2000	0.2385	
* 14 1,4-Dichlorobenzene-d4	152	4.602	4.615	-0.013	96	1420645	8.00	8.00	
* 38 Naphthalene-d8	136	5.885	5.900	-0.015	99	4482553	8.00	8.00	
42 Caprolactam	113	6.258	6.296	-0.038	82	12902	0.2000	0.1599	
* 64 Acenaphthene-d10	164	7.645	7.652	-0.007	95	2653265	8.00	8.00	
83 Atrazine	200	8.810	8.827	-0.017	88	30589	0.2000	0.2134	
* 87 Phenanthrene-d10	188	9.108	9.118	-0.010	98	4514121	8.00	8.00	
* 102 Chrysene-d12	240	11.936	11.944	-0.008	98	3429370	8.00	8.00	
* 109 Perylene-d12	264	13.913	13.923	-0.010	99	2785877	8.00	8.00	

Reagents:

SM_BNAL1B_00011 Amount Added: 1.00 Units: mL

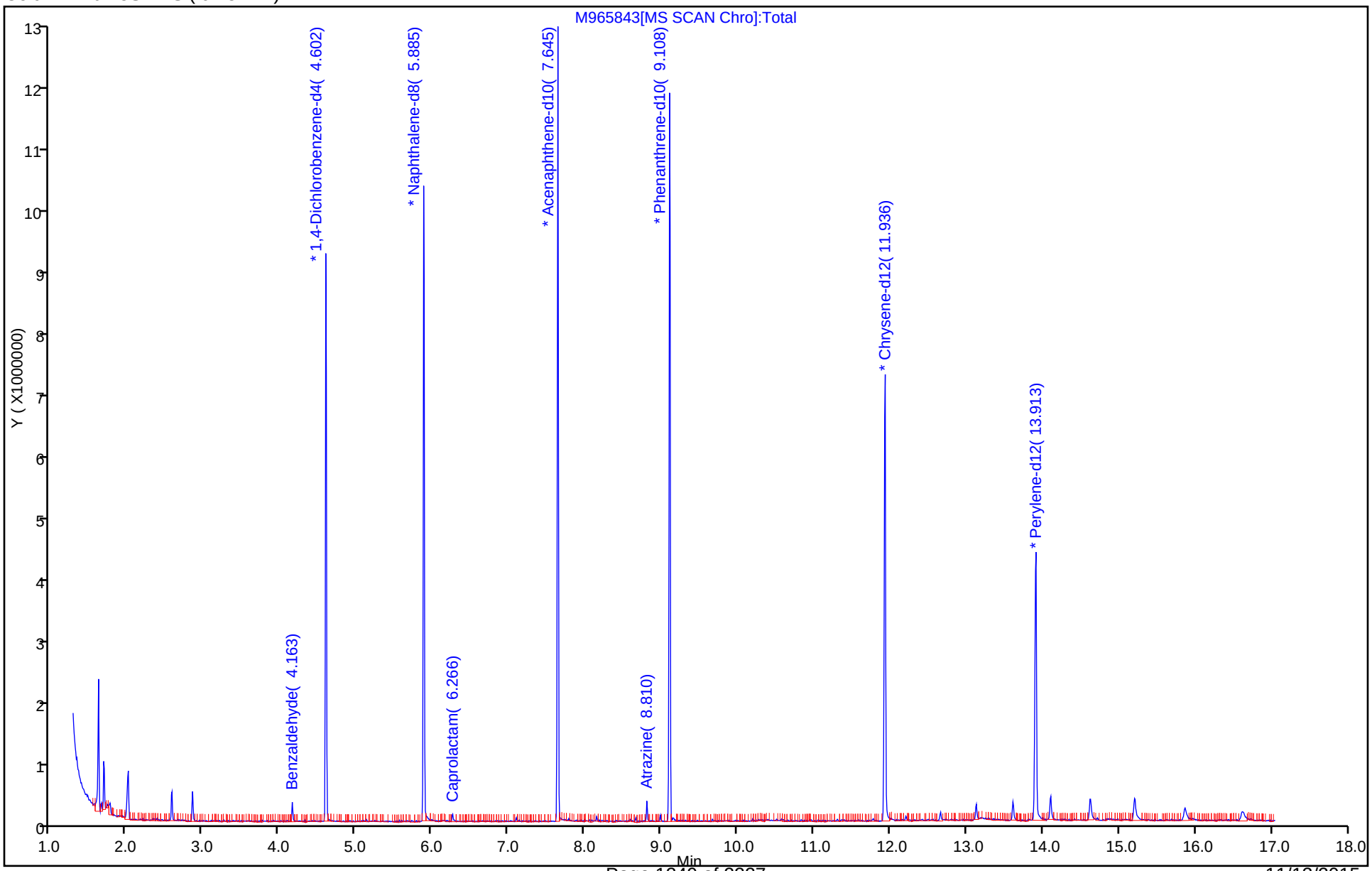
Report Date: 30-Oct-2015 02:59:34 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965843.D

Injection Date:	30-Oct-2015 00:25:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	std02			Worklist Smp#:	16
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 334749

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2015 16:58 Calibration End Date: 11/11/2015 19:26 Calibration ID: 53228

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-334749/9	M966468.D
Level 2	STD02 460-334749/8	M966467.D
Level 3	STD1 460-334749/7	M966466.D
Level 4	STD2 460-334749/6	M966465.D
Level 5	STD4 460-334749/5	M966464.D
Level 6	ICIS 460-334749/2	M966461.D
Level 7	STD16 460-334749/4	M966463.D
Level 8	STD24 460-334749/3	M966462.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.6150	0.5503	0.6357 0.5504	0.6527	0.6663	Ave		0.6117				8.3		20.0			
N-Nitrosodimethylamine	1.1738	1.0855	1.2389 1.0565	1.2275	1.2837	Ave		1.1777				7.7		20.0			
Pyridine	1.6178	1.4199	1.7003 1.4908	1.7784	1.8805	Ave		1.6479				10.6		20.0			
Aniline	2.4230	2.2129	2.9007 2.3021	2.9956	2.8357	Ave		2.6117				12.9		20.0			
Phenol	2.0089	1.7298	2.4965 1.5865	2.3616	2.5206	Ave		2.1173			0.8000	19.0		20.0			
Bis(2-chloroethyl)ether	2.4457 1.5346	2.3366 1.3946	2.0210 +++++	1.9559	1.8839	Ave		1.9389			0.7000	19.8		20.0			
2-Chlorophenol	1.3155	1.1731	1.5920 1.1773	1.6264	1.5855	Ave		1.4117			0.8000	15.2		20.0			
n-Decane	1.7371	1.4311	2.4416 1.3380	2.4206	2.1725	QuaF		1.9740	-0.027566						0.9910		0.9900
1,3-Dichlorobenzene	1.3867	1.2168	1.6421 1.2021	1.6557	1.6029	Ave		1.4510				14.5		20.0			
1,4-Dichlorobenzene	1.3035	1.1852	1.5771 1.1400	1.5661	1.5492	Ave		1.3869				14.5		20.0			
Benzyl alcohol	1.0131	0.8602	1.1064 0.8886	1.1535	1.1151	Ave		1.0228				12.1		20.0			
1,2-Dichlorobenzene	1.2349	1.0807	1.7095 1.0494	1.6007	1.4940	QuaF		1.3491	-0.013113						0.9950		0.9900
2,2'-oxybis[1-chloropropane]	3.0804	2.6544	3.9014 +++++	3.9353	3.8150	Ave		3.4773			0.0100	16.6		20.0			
2-Methylphenol	1.3101	1.2296	1.6977 1.2668	1.5428	1.5206	Ave		1.4279			0.7000	13.1		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 334749

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2015 16:58 Calibration End Date: 11/11/2015 19:26 Calibration ID: 53228

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Acetophenone	1.7051	1.5106	2.3264 +++++	2.2504	2.1617	Ave		1.9908			0.0100	18.1		20.0			
N-Nitrosodi-n-propylamine	1.7195 1.1768	1.7703 0.9949	1.5165 +++++	1.5168	1.4853	Ave		1.4543			0.5000	19.2		20.0			
3 & 4 Methylphenol	1.3968	1.2555	1.7084 1.1519	1.6873	1.6949	Ave		1.4825				16.7		20.0			
4-Methylphenol	1.3790	1.2373	1.6781 1.1362	1.6601	1.6636	Ave		1.4591			0.6000	16.5		20.0			
Hexachloroethane	0.9342 0.6614	0.8941 0.5851	0.7745 0.5679	0.7610	0.7639	Ave		0.7428			0.3000	17.9		20.0			
Nitrobenzene	1.0602 0.6290	0.9787 0.5472	0.9594 +++++	0.9036	0.7686	QuaF		0.8243	-0.017584		0.2000				0.9980		0.9900
n,n'-Dimethylaniline	2.4936 1.5507	2.3008 1.2971	2.2729 +++++	1.9414	1.8817	QuaF		2.0311	-0.046127						1.0000		0.9900
Isophorone	0.9988	1.2733 0.9695	1.2807 0.9325	1.3799	1.1353	Ave		1.1386			0.4000	15.5		20.0			
2-Nitrophenol	0.2593	0.2518	0.3162 0.2315	0.3224	0.3023	Ave		0.2806			0.1000	13.5		20.0			
2,4-Dimethylphenol	0.3240	0.3131	0.4345 0.2898	0.4319	0.4048	Ave		0.3663			0.2000	17.6		20.0			
Bis(2-chloroethoxy)methane	0.5455	0.4985	0.6795 0.4600	0.6981	0.6411	Ave		0.5871			0.3000	16.9		20.0			
Benzoic acid	0.2082	0.2171	0.0789 0.2117	0.1533	0.1813	Lin2	-0.142	0.2213			0.0100				1.0000		0.9900
2,4-Dichlorophenol	0.3306	0.3075	0.3915 0.2803	0.4283	0.3827	Ave		0.3535			0.2000	15.9		20.0			
1,2,4-Trichlorobenzene	0.4187 0.3623	0.4067 0.3242	0.4016 0.2945	0.4213	0.3804	Ave		0.3762				12.3		20.0			
Naphthalene	0.8929	0.7773	1.1843 +++++	1.2769	1.0853	Ave		1.0433			0.7000	19.7		20.0			
4-Chloroaniline	0.4556	0.4178	0.5605 0.3727	0.6246	0.5444	Ave		0.4959			0.0100	19.3		20.0			
Hexachlorobutadiene	0.2135 0.1994	0.2133 0.1870	0.2293 0.1646	0.2401	0.2123	Ave		0.2074			0.0100	11.5		20.0			
4-Chloro-3-methylphenol	0.3575	0.3335	0.4399 0.2980	0.4850	0.4315	Ave		0.3909			0.2000	18.4		20.0			
2-Methylnaphthalene	0.6536	0.6063	0.8739 0.5383	0.9016	0.7846	Qua	0.3224	0.7056	-0.007539		0.4000				1.0000		0.9900
1-Methylnaphthalene	0.5741	0.5467	0.7527 0.4849	0.7981	0.7177	Ave		0.6457				19.7		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 334749

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2015 16:58 Calibration End Date: 11/11/2015 19:26 Calibration ID: 53228

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Hexachlorocyclopentadiene	0.4346	0.3496	0.3484 0.3641	0.3480	0.3602	Ave		0.3675			0.0500	9.1		20.0			
1,2,4,5-Tetrachlorobenzene	0.6349	0.6166	0.7798 0.5809	0.7654	0.7480	Ave		0.6876			0.0100	12.6		20.0			
2-tertbutyl-4-methylphenol	0.4588	0.4120	0.5987 0.3787	0.5582	0.5215	Ave		0.4880				17.6		20.0			
2,4,6-Trichlorophenol	0.4559	0.5218 0.4422	0.5036 0.4554	0.5185	0.5110	Ave		0.4869			0.2000	7.0		20.0			
2,4,5-Trichlorophenol	0.4370	0.4014	0.5196 0.3937	0.5439	0.4932	Ave		0.4648			0.2000	13.6		20.0			
Diphenyl	1.5342	1.3426	2.0028 1.2276	1.9164	1.7728	Ave		1.6327			0.0100	19.3		20.0			
2-Chloronaphthalene	1.1422	1.0660	1.4837 1.0155	1.4467	1.3661	Ave		1.2534			0.8000	16.2		20.0			
Phenyl ether	0.8590	0.8022	1.0281 0.7924	0.9255	0.9445	Ave		0.8920				10.2		20.0			
2-Nitroaniline	0.5661	0.5521	0.6923 0.5547	0.6859	0.6546	Ave		0.6176			0.0100	10.9		20.0			
1,3-Dimethylnaphthalene	1.0100	0.9354	1.2532 0.9061	1.1672	1.1461	Ave		1.0697				13.0		20.0			
Dimethyl phthalate	1.2812	1.2162	1.7789 1.2502	1.7124	1.5456	Ave		1.4641			0.0100	17.0		20.0			
Coumarin	0.2283	0.2027	0.3214 0.1909	0.3014	0.2660	Qua	0.1456	0.2268	-0.001786						0.9990		0.9900
2,6-Dinitrotoluene	0.3751	0.4556 0.3689	0.4451 0.3516	0.4455	0.4210	Ave		0.4090			0.2000	10.5		20.0			
Acenaphthylene	1.7929	1.6510	2.4167 1.6139	2.4957	2.2146	Ave		2.0308			0.9000	19.4		20.0			
3-Nitroaniline	0.4176	0.4110	0.5137 0.4012	0.5084	0.4814	Ave		0.4555			0.0100	11.3		20.0			
3,5-di-tert-butyl-4-hydroxytol	0.8900	0.7693	1.0650 0.7148	0.8636	0.9482	Ave		0.8752				14.3		20.0			
Acenaphthene	0.9379	0.8601	1.3462 0.7735	1.2911	1.2151	Qua	0.6441	0.9867	-0.010086		0.9000				0.9990		0.9900
2,4-Dinitrophenol	0.2495	0.2485	0.1738 0.2615	0.2346	0.2490	Ave		0.2362			0.0100	13.4		20.0			
2,4-Dinitrotoluene	0.4260	0.5275 0.3917	0.5691 0.3657	0.5515	0.5218	Ave		0.4791			0.2000	17.2		20.0			
Dibenzofuran	1.4735	1.3553	2.1200 +++++	1.9943	1.8904	Ave		1.7667			0.8000	18.9		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 334749

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2015 16:58 Calibration End Date: 11/11/2015 19:26 Calibration ID: 53228

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
4-Nitrophenol	0.3612	0.3061	0.4057 0.3100	0.4047	0.3932	Ave		0.3635			0.0100	12.6		20.0			
2,3,4,6-Tetrachlorophenol	0.3806	0.3697	0.4258 0.3586	0.4456	0.4406	Ave		0.4035			0.0100	9.5		20.0			
Diethyl phthalate	1.2293	1.0562	1.9082 0.9804	1.7383	1.6218	QuaF		1.4250	-0.019225		0.0100				0.9910		0.9900
4-Chlorophenyl phenyl ether	0.5344	0.4669	0.7390 +++++	0.7214	0.6815	Ave		0.6287			0.4000	19.3		20.0			
Fluorene	1.0938	0.9444	1.5941 0.8936	1.4859	1.3908	QuaF		1.2363	-0.014875		0.9000				0.9930		0.9900
4-Nitroaniline	0.3644	0.3322	0.4247 0.3138	0.4481	0.4227	Ave		0.3843			0.0100	14.4		20.0			
4,6-Dinitro-2-methylphenol	0.1875	0.1391 0.1728	0.1703 0.1724	0.1774	0.1887	Ave		0.1726			0.0100	9.6		20.0			
N-Nitrosodiphenylamine	0.6506	0.8908 0.5609	0.8424 +++++	0.8107	0.7507	Ave		0.7510			0.0100	16.6		20.0			
1,2-Diphenylhydrazine	1.1176	0.9701	1.3998 0.9328	1.4359	1.2684	QuaF		1.2115	-0.012094						0.9960		0.9900
4-Bromophenyl phenyl ether	0.2697	0.2240	0.2775 0.2235	0.2782	0.2924	Ave		0.2609			0.1000	11.4		20.0			
Hexachlorobenzene	0.3079 0.3080	0.3411 0.2739	0.3310 0.2561	0.3588	0.3187	Ave		0.3119			0.1000	10.9		20.0			
Pentachloronitrobenzene	0.1100	0.0945	0.1068 0.0891	0.1118	0.1130	Ave		0.1042			0.0100	9.6		20.0			
Pentachlorophenol	0.1592	0.1306	0.1115 0.1210	0.1373	0.1574	Ave		0.1362			0.0500	14.1		20.0			
n-Octadecane	0.7186	0.5978	1.0639 0.5123	0.9397	0.8647	Qua	0.4002	0.7803	-0.011991						0.9990		0.9900
Phenanthrene	0.9807	0.8912	1.2112 0.7811	1.1816	1.1038	Ave		1.0250			0.7000	16.6		20.0			
Anthracene	1.0083	0.8717	1.2129 0.8099	1.1649	1.1363	Ave		1.0340			0.7000	16.0		20.0			
Carbazole	0.9929	0.8732	1.2504 0.8238	1.2039	1.0992	Ave		1.0406			0.0100	16.7		20.0			
Di-n-butyl phthalate	1.2453	1.0838	1.6268 0.9693	1.6293	1.4640	Qua	0.5927	1.3253	-0.016055		0.0100				0.9990		0.9900
Fluoranthene	1.0179	0.8877	1.2029 0.8121	1.2246	1.1102	Ave		1.0426			0.6000	16.1		20.0			
Benzidine	0.6488	0.5583	0.3812 0.5585	0.4099	0.5405	Ave		0.5162				19.6		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 334749

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2015 16:58 Calibration End Date: 11/11/2015 19:26 Calibration ID: 53228

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Pyrene	1.3987	1.3140	1.6980 1.3005	1.7620	1.5573	Ave		1.5051			0.6000	13.1		20.0			
Bisphenol-A	0.6337	0.6386	0.5551 0.6305	0.6132	0.5785	Ave		0.6083				5.6		20.0			
Butyl benzyl phthalate	0.7416	0.7324	0.8186 0.7053	0.8566	0.7851	Ave		0.7733			0.0100	7.4		20.0			
2,3,7,8-TCDD	0.2086					Ave		0.2086						20.0			
Carbamazepine	0.4762	0.4876	0.4045 0.4910	0.3988	0.4599	Ave		0.4530				9.1		20.0			
3,3'-Dichlorobenzidine	0.4900	0.3557 0.4963	0.3945 0.4740	0.3962	0.4915	Ave		0.4426			0.0100	13.2		20.0			
Benzo[a]anthracene	1.4704 1.0889	1.3225 1.0750	1.1701 1.0293	1.2449	1.1469	Ave		1.1935			0.8000	12.3		20.0			
Bis(2-ethylhexyl) phthalate	0.8532	0.9600 0.8126	0.9468 0.7670	1.0378	0.9680	Ave		0.9065			0.0100	10.7		20.0			
Chrysene	0.9555	1.1220 0.8446	1.0780 0.8374	1.1834	1.0784	Ave		1.0142			0.7000	13.5		20.0			
Di-n-octyl phthalate	1.5975	1.5315	1.8506 1.3561	1.9451	1.8412	Ave		1.6870			0.0100	13.5		20.0			
Benzo[b]fluoranthene	1.1921 1.0053	1.1289 1.0960	1.0522 1.2127	1.2419	1.1239	Ave		1.1316			0.7000	7.2		20.0			
Benzo[k]fluoranthene	1.4339 1.0693	1.3702 1.1204	1.2304 0.9261	1.3090	1.2065	Ave		1.2082			0.7000	13.8		20.0			
Benzo[a]pyrene	1.1307 0.9947	1.1091 1.0286	1.0326 0.9858	1.1709	1.1117	Ave		1.0705			0.7000	6.4		20.0			
Indeno[1,2,3-cd]pyrene	0.8055 0.8920	0.8332 1.1056	0.9378 1.1514	1.0243	0.9645	Ave		0.9643			0.5000	12.8		20.0			
Dibenz(a,h)anthracene	0.8086 0.8809	0.8695 1.0213	0.8657 0.9912	1.0021	0.9506	Ave		0.9237			0.4000	8.4		20.0			
Benzo[g,h,i]perylene	0.9237	1.0400	0.8936 1.0844	0.9563	0.9521	Ave		0.9750			0.5000	7.4		20.0			
2-Fluorophenol	1.5632	1.6475 1.4722	1.4815 1.3725	1.6993	1.6611	Ave		1.5568				7.7		20.0			
Phenol-d5	1.8377	2.4474 1.6293	2.0407 1.5826	2.2485	2.2348	Ave		2.0030				16.5		20.0			
Nitrobenzene-d5	0.6441 0.5581	0.6861 0.5181	0.6028 0.4526	0.6968	0.6290	Ave		0.5985				14.1		20.0			
2-Fluorobiphenyl	1.9026 1.3095	1.9037 1.2577	1.6553 1.1764	1.7483	1.6268	Ave		1.5725				18.4		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 334749

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2015 16:58 Calibration End Date: 11/11/2015 19:26 Calibration ID: 53228

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2,4,6-Tribromophenol	0.2634	0.2974 0.2873	0.3035 0.2658	0.3134	0.3296	Ave		0.2943				8.2		20.0			
Terphenyl-d14	1.3157 1.0376	1.2191 0.9977	1.0437 0.8845	1.1236	1.1210	Ave		1.0928				12.2		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 334749

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2015 16:58 Calibration End Date: 11/11/2015 19:26 Calibration ID: 53228

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-334749/9	M966468.D
Level 2	STD02 460-334749/8	M966467.D
Level 3	STD1 460-334749/7	M966466.D
Level 4	STD2 460-334749/6	M966465.D
Level 5	STD4 460-334749/5	M966464.D
Level 6	ICIS 460-334749/2	M966461.D
Level 7	STD16 460-334749/4	M966463.D
Level 8	STD24 460-334749/3	M966462.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,4-Dioxane	DCB	Ave	550428	781566	57903 1092943	119039	224132	10.0	16.0	1.00 24.0	2.00	4.00
N-Nitrosodimethylamine	DCB	Ave	1050556	1541715	112854 2097919	223878	431808	10.0	16.0	1.00 24.0	2.00	4.00
Pyridine	DCB	Ave	1447873	2016630	154881 2960155	324346	632557	10.0	16.0	1.00 24.0	2.00	4.00
Aniline	DCB	Ave	2168521	3142911	264227 4571173	546329	953860	10.0	16.0	1.00 24.0	2.00	4.00
Phenol	DCB	Ave	1797940	2456809	227411 3150299	430713	847874	10.0	16.0	1.00 24.0	2.00	4.00
Bis(2-chloroethyl)ether	DCB	Ave	21727 1373440	39522 1980721	184094 +++++	356708	633701	0.100 10.0	0.200 16.0	1.00 +++++	2.00	4.00
2-Chlorophenol	DCB	Ave	1177386	1666147	145018 2337779	296625	533329	10.0	16.0	1.00 24.0	2.00	4.00
n-Decane	DCB	QuaF	1554693	2032518	222411 2656881	441469	730779	10.0	16.0	1.00 24.0	2.00	4.00
1,3-Dichlorobenzene	DCB	Ave	1241083	1728250	149578 2386930	301966	539161	10.0	16.0	1.00 24.0	2.00	4.00
1,4-Dichlorobenzene	DCB	Ave	1166604	1683286	143658 2263721	285631	521128	10.0	16.0	1.00 24.0	2.00	4.00
Benzyl alcohol	DCB	Ave	906728	1221713	100780 1764374	210380	375075	10.0	16.0	1.00 24.0	2.00	4.00
1,2-Dichlorobenzene	DCB	QuaF	1105251	1534903	155724 2083736	291941	502541	10.0	16.0	1.00 24.0	2.00	4.00
2,2'-oxybis[1-chloropropane]	DCB	Ave	2756929	3769944	355380 +++++	717712	1283266	10.0	16.0	1.00 +++++	2.00	4.00
2-Methylphenol	DCB	Ave	1172556	1746303	154645 2515488	281378	511501	10.0	16.0	1.00 24.0	2.00	4.00
Acetophenone	DCB	Ave	1526058	2145454	211914 +++++	410429	727133	10.0	16.0	1.00 +++++	2.00	4.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 334749

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2015 16:58 Calibration End Date: 11/11/2015 19:26 Calibration ID: 53228

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
N-Nitrosodi-n-propylamine	DCB	Ave	15275 1053178	29943 1413048	138142 +++++	276627	499606	0.100 10.0	0.200 16.0	1.00 +++++	2.00	4.00
3 & 4 Methylphenol	DCB	Ave	 1250125	 1783163	155616 2287192	307734	570127	 10.0	 16.0	1.00 24.0	2.00	4.00
4-Methylphenol	DCB	Ave	 1234152	 1757304	152864 2256093	302768	559606	 10.0	 16.0	1.00 24.0	2.00	4.00
Hexachloroethane	DCB	Ave	8299 591986	15124 830958	70552 1127641	138782	256956	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Nitrobenzene	NPT	QuaF	31113 1818280	55457 2420916	278992 +++++	507014	868769	0.100 10.0	0.200 16.0	1.00 +++++	2.00	4.00
n,n'-Dimethylaniline	DCB	QuaF	22152 1387862	38916 1842210	207038 +++++	354064	632958	0.100 10.0	0.200 16.0	1.00 +++++	2.00	4.00
Isophorone	NPT	Ave	 2887069	72148 4289073	372433 6134481	774286	1283260	 10.0	0.200 16.0	1.00 24.0	2.00	4.00
2-Nitrophenol	NPT	Ave	 749445	 1114186	91947 1522663	180913	341649	 10.0	 16.0	1.00 24.0	2.00	4.00
2,4-Dimethylphenol	NPT	Ave	 936427	 1385165	126340 1906739	242339	457503	 10.0	 16.0	1.00 24.0	2.00	4.00
Bis(2-chloroethoxy)methane	NPT	Ave	 1576960	 2205641	197599 3026178	391746	724658	 10.0	 16.0	1.00 24.0	2.00	4.00
Benzoic acid	NPT	Lin2	 601969	 960635	22934 1392953	86040	204891	 10.0	 16.0	1.00 24.0	2.00	4.00
2,4-Dichlorophenol	NPT	Ave	 955769	 1360469	113847 1844095	240304	432575	 10.0	 16.0	1.00 24.0	2.00	4.00
1,2,4-Trichlorobenzene	NPT	Ave	12288 1047347	23043 1434128	116774 1937267	236393	429962	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Naphthalene	NPT	Ave	 2581089	 3439027	344393 +++++	716502	1226701	 10.0	 16.0	1.00 +++++	2.00	4.00
4-Chloroaniline	NPT	Ave	 1316834	 1848403	163005 2451803	350495	615292	 10.0	 16.0	1.00 24.0	2.00	4.00
Hexachlorobutadiene	NPT	Ave	6266 576260	12086 827343	66667 1082713	134737	239911	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
4-Chloro-3-methylphenol	NPT	Ave	 1033261	 1475474	127925 1960590	272160	487761	 10.0	 16.0	1.00 24.0	2.00	4.00
2-Methylnaphthalene	NPT	Qua	 1889390	 2682301	254123 3541333	505886	886776	 10.0	 16.0	1.00 24.0	2.00	4.00
1-Methylnaphthalene	NPT	Ave	 1659501	 2418582	218892 3190311	447818	811222	 10.0	 16.0	1.00 24.0	2.00	4.00
Hexachlorocyclopentadiene	ANT	Ave	 609811	 723734	52596 1015697	104599	203908	 10.0	 16.0	1.00 24.0	2.00	4.00
1,2,4,5-Tetrachlorobenzene	ANT	Ave	 890999	 1276386	117700 1620555	230076	423495	 10.0	 16.0	1.00 24.0	2.00	4.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 334749

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2015 16:58 Calibration End Date: 11/11/2015 19:26 Calibration ID: 53228

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2-tertbutyl-4-methylphenol	NPT	Ave	1326316	1822997	174094 2491529	313213	589505	10.0	16.0	1.00 24.0	2.00	4.00
2,4,6-Trichlorophenol	ANT	Ave	639744	15238 915321	76018 1270654	155866	289287	10.0	0.200 16.0	1.00 24.0	2.00	4.00
2,4,5-Trichlorophenol	ANT	Ave	613294	830926	78424 1098268	163497	279231	10.0	16.0	1.00 24.0	2.00	4.00
Diphenyl	ANT	Ave	2152919	2779426	302311 3424885	576079	1003640	10.0	16.0	1.00 24.0	2.00	4.00
2-Chloronaphthalene	ANT	Ave	1602763	2206779	223950 2833159	434891	773389	10.0	16.0	1.00 24.0	2.00	4.00
Phenyl ether	ANT	Ave	1205419	1660728	155190 2210698	278221	534722	10.0	16.0	1.00 24.0	2.00	4.00
2-Nitroaniline	ANT	Ave	794431	1142864	104496 1547565	206176	370582	10.0	16.0	1.00 24.0	2.00	4.00
1,3-Dimethylnaphthalene	ANT	Ave	1417272	1936445	189159 2528044	350867	648850	10.0	16.0	1.00 24.0	2.00	4.00
Dimethyl phthalate	ANT	Ave	1797852	2517591	268517 3487831	514756	875041	10.0	16.0	1.00 24.0	2.00	4.00
Coumarin	NPT	Qua	659896	896988	93448 1256024	169103	300669	10.0	16.0	1.00 24.0	2.00	4.00
2,6-Dinitrotoluene	ANT	Ave	526378	13305 763754	67179 980886	133933	238358	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Acenaphthylene	ANT	Ave	2515970	3417735	364776 4502633	750209	1253745	10.0	16.0	1.00 24.0	2.00	4.00
3-Nitroaniline	ANT	Ave	586016	850745	77534 1119414	152815	272515	10.0	16.0	1.00 24.0	2.00	4.00
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	1248943	1592611	160755 1994242	259595	536806	10.0	16.0	1.00 24.0	2.00	4.00
Acenaphthene	ANT	Qua	1316151	1780439	203200 2157868	388101	687909	10.0	16.0	1.00 24.0	2.00	4.00
2,4-Dinitrophenol	ANT	Ave	700121	1028991	52472 1458965	141056	281938	20.0	32.0	2.00 48.0	4.00	8.00
2,4-Dinitrotoluene	ANT	Ave	597763	15407 810909	85906 1020383	165790	295418	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Dibenzofuran	ANT	Ave	2067721	2805542	319996 +++++	599484	1070234	10.0	16.0	1.00 +++++	2.00	4.00
4-Nitrophenol	ANT	Ave	1013838	1267312	122477 1729579	243329	445228	20.0	32.0	2.00 48.0	4.00	8.00
2,3,4,6-Tetrachlorophenol	ANT	Ave	534028	765276	64272 1000579	133952	249457	10.0	16.0	1.00 24.0	2.00	4.00
Diethyl phthalate	ANT	QuaF	1725029	2186404	288025 2735353	522532	918165	10.0	16.0	1.00 24.0	2.00	4.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 334749

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2015 16:58 Calibration End Date: 11/11/2015 19:26 Calibration ID: 53228

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Chlorophenyl phenyl ether	ANT	Ave	749912	966536	111554 +++++	216872	385850	10.0	16.0	1.00 +++++	2.00	4.00
Fluorene	ANT	QuaF	1534881	1954920	240612 2493117	446671	787410	10.0	16.0	1.00 24.0	2.00	4.00
4-Nitroaniline	ANT	Ave	511346	687720	64105 875427	134688	239286	10.0	16.0	1.00 24.0	2.00	4.00
4,6-Dinitro-2-methylphenol	PHN	Ave	760476	14196 1090118	86144 1541450	176170	349178	20.0	0.400 32.0	2.00 48.0	4.00	8.00
N-Nitrosodiphenylamine	PHN	Ave	2242566	77290 3007950	362156 +++++	684139	1181007	17.0	0.340 27.2	1.70 +++++	3.40	6.80
1,2-Diphenylhydrazine	PHN	QuaF	2266109	3060316	353980 4169673	712766	1173783	10.0	16.0	1.00 24.0	2.00	4.00
4-Bromophenyl phenyl ether	PHN	Ave	546742	706578	70185 998863	138118	270553	10.0	16.0	1.00 24.0	2.00	4.00
Hexachlorobenzene	PHN	Ave	8110 624419	17411 863961	83716 1144639	178117	294946	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Pentachloronitrobenzene	PHN	Ave	223078	298157	27001 398070	55478	104608	10.0	16.0	1.00 24.0	2.00	4.00
Pentachlorophenol	PHN	Ave	645484	824254	56400 1081541	136353	291373	20.0	32.0	2.00 48.0	4.00	8.00
n-Octadecane	PHN	Qua	1457001	1885872	269050 2290134	466467	800236	10.0	16.0	1.00 24.0	2.00	4.00
Phenanthrene	PHN	Ave	1988475	2811402	306305 3491434	586565	1021512	10.0	16.0	1.00 24.0	2.00	4.00
Anthracene	PHN	Ave	2044343	2749647	306723 3620241	578251	1051566	10.0	16.0	1.00 24.0	2.00	4.00
Carbazole	PHN	Ave	2013267	2754528	316206 3682133	597632	1017273	10.0	16.0	1.00 24.0	2.00	4.00
Di-n-butyl phthalate	PHN	Qua	2524879	3418743	411381 4332694	808789	1354875	10.0	16.0	1.00 24.0	2.00	4.00
Fluoranthene	PHN	Ave	2063912	2800216	304195 3629914	607912	1027384	10.0	16.0	1.00 24.0	2.00	4.00
Benzidine	PHN	Ave	1315543	1761169	96403 2496508	203488	500156	10.0	16.0	1.00 24.0	2.00	4.00
Pyrene	CRY	Ave	1996608	2856109	308904 3973912	609592	1028110	10.0	16.0	1.00 24.0	2.00	4.00
Bisphenol-A	CRY	Ave	904581	1387929	100995 1926489	212141	381930	10.0	16.0	1.00 24.0	2.00	4.00
Butyl benzyl phthalate	CRY	Ave	1058670	1591835	148914 2155229	296373	518283	10.0	16.0	1.00 24.0	2.00	4.00
2,3,7,8-TCDD	CRY	Ave	2977					0.100				

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 334749

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2015 16:58 Calibration End Date: 11/11/2015 19:26 Calibration ID: 53228

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Carbamazepine	CRY	Ave	679701	1059876	73597 1500282	137978	303622	10.0	16.0	1.00 24.0	2.00	4.00
3,3'-Dichlorobenzidine	CRY	Ave	699461	12569 1078756	71769 1448479	137062	324503	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[a]anthracene	CRY	Ave	26440 1554388	46727 2336457	212869 3145200	430700	757123	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Bis(2-ethylhexyl) phthalate	CRY	Ave	1217963	33919 1766188	172249 2343808	359067	639026	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Chrysene	CRY	Ave	1364006	39643 1835797	196105 2558903	409410	711924	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Di-n-octyl phthalate	PRY	Ave	2085891	3061496	260508 4181201	532479	1005596	10.0	16.0	1.00 24.0	2.00	4.00
Benzo[b]fluoranthene	PRY	Ave	17148 1312641	30350 2190985	148119 3739020	339965	613797	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[k]fluoranthene	PRY	Ave	20626 1396227	36836 2239716	173197 2855395	358352	658954	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[a]pyrene	PRY	Ave	16264 1298846	29817 2056129	145365 3039546	320551	607136	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Indeno[1,2,3-cd]pyrene	PRY	Ave	11586 1164733	22399 2210064	132020 3549941	280415	526754	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Dibenz(a,h)anthracene	PRY	Ave	11631 1150207	23375 2041568	121862 3056048	274332	519151	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[g,h,i]perylene	PRY	Ave	1206084	2079043	125799 3343555	261798	520014	10.0	16.0	1.00 24.0	2.00	4.00
2-Fluorophenol	DCB	Ave	1399072	27867 2090860	134953 2725249	309911	558763	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Phenol-d5	DCB	Ave	1644702	41396 2314042	185890 3142389	410083	751743	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Nitrobenzene-d5	NPT	Ave	18903 1613386	38875 2292403	175307 2977728	390990	711010	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
2-Fluorobiphenyl	ANT	Ave	29204 1837519	55598 2603516	249856 3282041	525555	920991	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
2,4,6-Tribromophenol	ANT	Ave	369557	8686 594665	45804 741555	94210	186602	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Terphenyl-d14	CRY	Ave	23658 1481107	43073 2168451	189866 2702655	388727	740039	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966461.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 6
Inject. Date: 11-Nov-2015 16:58:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034125-002
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub31

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 11:41:04 Calib Date: 11-Nov-2015 19:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: szczecha Date: 12-Nov-2015 11:41:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.656	1.656	0.000	96	550428	10.0	10.1	
2 N-Nitrosodimethylamine	74	1.878	1.878	0.000	79	1050556	10.0	9.97	
3 Pyridine	79	1.901	1.901	0.000	82	1447873	10.0	9.82	
$ 4 2-Fluorophenol	112	3.026	3.026	0.000	88	1399072	10.0	10.0	
8 Aniline	93	3.934	3.934	0.000	97	2168521	10.0	9.28	
$ 6 Phenol-d5	99	3.949	3.949	0.000	55	1644702	10.0	9.17	
7 Phenol	94	3.964	3.964	0.000	61	1797940	10.0	9.49	
9 Bis(2-chloroethyl)ether	93	3.994	3.994	0.000	77	1373440	10.0	7.91	
10 Benzonitrile	103	4.009	4.009	0.000	82	2395654	NC	NC	
11 2-Chlorophenol	128	4.069	4.069	0.000	85	1177386	10.0	9.32	
12 n-Decane	43	4.099	4.099	0.000	89	1554693	10.0	10.3	
13 1,3-Dichlorobenzene	146	4.196	4.196	0.000	87	1241083	10.0	9.56	
* 14 1,4-Dichlorobenzene-d4	152	4.256	4.256	0.000	95	715987	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.271	4.271	0.000	87	1166604	10.0	9.40	
17 Benzyl alcohol	108	4.412	4.412	0.000	87	906728	10.0	9.91	
18 1,2-Dichlorobenzene	146	4.427	4.427	0.000	88	1105251	10.0	10.2	
20 2,2'-oxybis[1-chloropropan	45	4.532	4.532	0.000	90	2756929	10.0	8.86	
19 2-Methylphenol	108	4.562	4.562	0.000	84	1172556	10.0	9.18	
23 N-Methylaniline	106	4.659	4.659	0.000	75	1741912	NC	NC	
24 Acetophenone	105	4.674	4.674	0.000	83	1526058	10.0	8.56	
25 N-Nitrosodi-n-propylamine	70	4.682	4.682	0.000	93	1053178	10.0	8.09	
26 3 & 4 Methylphenol	108	4.719	4.719	0.000	9	1250125	10.0	9.42	
21 4-Methylphenol	108	4.719	4.719	0.000	89	1234152	10.0	9.45	
27 Hexachloroethane	117	4.764	4.764	0.000	89	591986	10.0	8.91	
$ 28 Nitrobenzene-d5	82	4.824	4.824	0.000	93	1613386	10.0	9.33	
29 Nitrobenzene	77	4.847	4.847	0.000	84	1818280	10.0	9.60	
30 n,n'-Dimethylaniline	120	4.847	4.847	0.000	69	1387862	10.0	9.83	
31 Isophorone	82	5.085	5.085	0.000	96	2887069	10.0	8.77	
32 2-Nitrophenol	139	5.160	5.160	0.000	79	749445	10.0	9.24	
33 2,4-Dimethylphenol	122	5.242	5.242	0.000	83	936427	10.0	8.84	
34 Bis(2-chloroethoxy)methane	93	5.309	5.309	0.000	94	1576960	10.0	9.29	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.421	5.421	0.000	62	601969	10.0	10.1	
36 2,4-Dichlorophenol	162	5.436	5.436	0.000	90	955769	10.0	9.35	
37 1,2,4-Trichlorobenzene	180	5.486	5.486	0.000	89	1047347	10.0	9.63	
* 38 Naphthalene-d8	136	5.544	5.544	0.000	97	2312506	8.00	8.00	
39 Naphthalene	128	5.566	5.566	0.000	96	2581089	10.0	8.56	
40 4-Chloroaniline	127	5.633	5.633	0.000	88	1316834	10.0	9.19	
41 Hexachlorobutadiene	225	5.693	5.693	0.000	86	576260	10.0	9.61	
44 4-Chloro-3-methylphenol	107	6.160	6.160	0.000	92	1033261	10.0	9.14	
45 2-Methylnaphthalene	142	6.256	6.256	0.000	78	1889390	10.0	9.84	
46 1-Methylnaphthalene	142	6.353	6.353	0.000	80	1659501	10.0	8.89	
47 Hexachlorocyclopentadiene	237	6.420	6.420	0.000	82	609811	10.0	11.8	
48 1,2,4,5-Tetrachlorobenzene	216	6.435	6.435	0.000	92	890999	10.0	9.23	
49 2-tertbutyl-4-methylphenol	149	6.487	6.487	0.000	86	1326316	10.0	9.40	
50 2,4,6-Trichlorophenol	196	6.560	6.560	0.000	84	639744	10.0	9.36	
51 2,4,5-Trichlorophenol	196	6.626	6.626	0.000	67	613294	10.0	9.40	
$ 52 2-Fluorobiphenyl	172	6.634	6.634	0.000	96	1837519	10.0	8.33	
53 1,1'-Biphenyl	154	6.731	6.731	0.000	97	2152919	10.0	9.40	
54 2-Chloronaphthalene	162	6.746	6.746	0.000	93	1602763	10.0	9.11	
55 Phenyl ether	170	6.827	6.827	0.000	86	1205419	10.0	9.63	
57 2-Nitroaniline	65	6.858	6.858	0.000	76	794431	10.0	9.17	
58 1,3-Dimethylnaphthalene	156	6.963	6.963	0.000	90	1417272	10.0	9.44	
59 Dimethyl phthalate	163	7.046	7.046	0.000	94	1797852	10.0	8.75	
61 2,6-Dinitrotoluene	165	7.098	7.098	0.000	33	526378	10.0	9.17	
60 Coumarin	146	7.060	7.060	0.000	67	659896	10.0	10.3	
62 Acenaphthylene	152	7.157	7.157	0.000	95	2515970	10.0	8.83	
63 3-Nitroaniline	138	7.275	7.275	0.000	91	586016	10.0	9.17	
* 64 Acenaphthene-d10	164	7.298	7.298	0.000	91	1122611	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.328	7.328	0.000	84	1248943	10.0	10.2	
66 Acenaphthene	154	7.328	7.328	0.000	94	1316151	10.0	9.84	
67 2,4-Dinitrophenol	184	7.373	7.373	0.000	74	700121	20.0	21.1	
70 2,4-Dinitrotoluene	165	7.493	7.493	0.000	77	597763	10.0	8.89	
71 Dibenzofuran	168	7.501	7.501	0.000	87	2067721	10.0	8.34	
69 4-Nitrophenol	65	7.516	7.516	0.000	89	1013838	20.0	19.9	
72 2,3,4,6-Tetrachlorophenol	232	7.637	7.637	0.000	83	534028	10.0	9.43	
73 Diethyl phthalate	149	7.739	7.739	0.000	96	1725029	10.0	9.97	
74 4-Chlorophenyl phenyl ethe	204	7.835	7.835	0.000	76	749912	10.0	8.50	
75 Fluorene	166	7.835	7.835	0.000	77	1534881	10.0	10.1	
76 4-Nitroaniline	138	7.895	7.895	0.000	70	511346	10.0	9.48	
77 4,6-Dinitro-2-methylphenol	198	7.910	7.910	0.000	78	760476	20.0	21.7	
78 N-Nitrosodiphenylamine	169	7.970	7.970	0.000	66	2242566	17.0	14.7	
79 1,2-Diphenylhydrazine	77	8.000	8.000	0.000	89	2266109	10.0	10.3	
$ 80 2,4,6-Tribromophenol	330	8.083	8.083	0.000	91	369557	10.0	8.95	
81 4-Bromophenyl phenyl ether	248	8.321	8.321	0.000	92	546742	10.0	10.3	
82 Hexachlorobenzene	284	8.389	8.389	0.000	90	624419	10.0	9.87	
85 Pentachloronitrobenzene	237	8.589	8.589	0.000	57	223078	10.0	10.6	
84 Pentachlorophenol	266	8.596	8.596	0.000	86	645484	20.0	23.4	
86 n-Octadecane	57	8.662	8.662	0.000	95	1457001	10.0	10.3	
* 87 Phenanthrene-d10	188	8.760	8.760	0.000	98	1622070	8.00	8.00	
88 Phenanthrene	178	8.782	8.782	0.000	99	1988475	10.0	9.57	
89 Anthracene	178	8.835	8.835	0.000	96	2044343	10.0	9.75	
90 Carbazole	167	9.000	9.000	0.000	83	2013267	10.0	9.54	
91 Di-n-butyl phthalate	149	9.337	9.337	0.000	99	2524879	10.0	10.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	9.949	9.949	0.000	97	2063912	10.0	9.76	
93 Benzidine	184	10.084	10.084	0.000	99	1315543	10.0	12.6	
94 Pyrene	202	10.167	10.167	0.000	96	1996608	10.0	9.29	
95 Bisphenol-A	213	10.234	10.234	0.000	0	904581	10.0	10.4	
$ 96 Terphenyl-d14	244	10.322	10.322	0.000	98	1481107	10.0	9.49	
97 Butyl benzyl phthalate	149	10.841	10.841	0.000	95	1058670	10.0	9.59	
98 2,3,7,8-TCDD	320	10.950	10.950	0.000	14	2977	0.1000	0.1000	
99 Carbamazepine	193	10.973	10.973	0.000	83	679701	10.0	10.5	
100 3,3'-Dichlorobenzidine	252	11.462	11.462	0.000	98	699461	10.0	11.1	
101 Benzo[a]anthracene	228	11.483	11.483	0.000	99	1554388	10.0	9.12	
* 102 Chrysene-d12	240	11.497	11.497	0.000	99	1141976	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.524	11.524	0.000	89	1217963	10.0	9.41	
104 Chrysene	228	11.531	11.531	0.000	96	1364006	10.0	9.42	
105 Di-n-octyl phthalate	149	12.367	12.367	0.000	96	2085891	10.0	9.47	
106 Benzo[b]fluoranthene	252	12.874	12.874	0.000	97	1312641	10.0	8.88	
107 Benzo[k]fluoranthene	252	12.912	12.912	0.000	90	1396227	10.0	8.85	
108 Benzo[a]pyrene	252	13.314	13.314	0.000	88	1298846	10.0	9.29	
* 109 Perylene-d12	264	13.388	13.388	0.000	99	1044565	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.875	14.875	0.000	87	1164733	10.0	9.25	
111 Dibenz(a,h)anthracene	278	14.913	14.913	0.000	89	1150207	10.0	9.54	
112 Benzo[g,h,i]perylene	276	15.284	15.284	0.000	91	1206084	10.0	9.47	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL6_00031 Amount Added: 1.00 Units: mL

Report Date: 12-Nov-2015 11:41:06 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966461.D

Injection Date: 11-Nov-2015 16:58:30 Instrument ID: CBNAMS6 Operator ID:

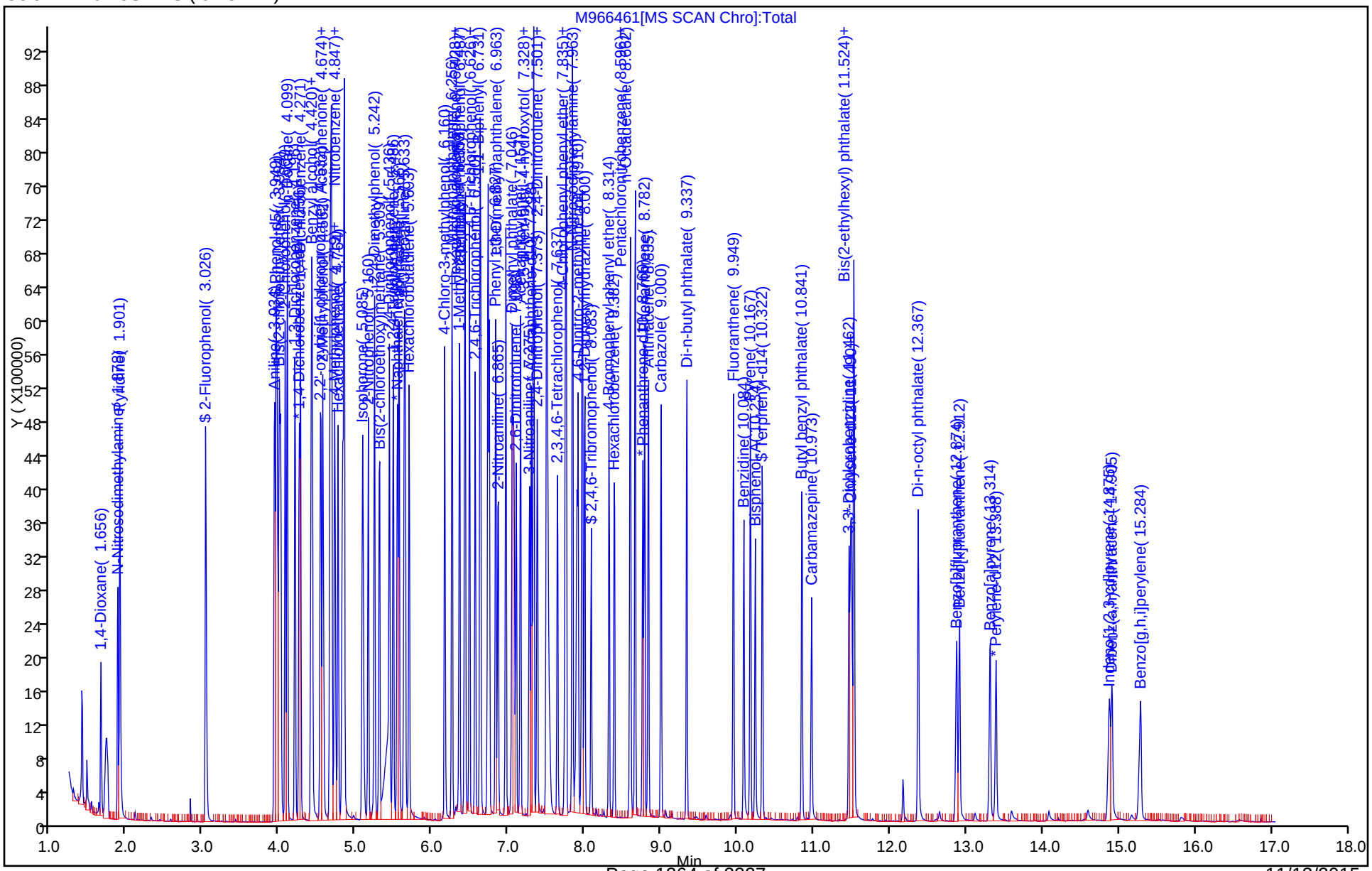
Lims ID: ICIS Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270LVI_R6 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966462.D
Lims ID: STD24
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 11-Nov-2015 17:19:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034125-003
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub31

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 11:41:56 Calib Date: 11-Nov-2015 19:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: bayoumiw Date: 11-Nov-2015 17:35:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.657	1.656	0.001	95	1092943	24.0	21.6	
2 N-Nitrosodimethylamine	74	1.887	1.878	0.009	77	2097919	24.0	21.5	
3 Pyridine	79	1.902	1.901	0.001	81	2960155	24.0	21.7	
$ 4 2-Fluorophenol	112	3.024	3.026	-0.002	87	2725249	24.0	21.2	
8 Aniline	93	3.945	3.934	0.011	96	4571173	24.0	21.2	
$ 6 Phenol-d5	99	3.966	3.949	0.017	57	3142389	24.0	19.0	
7 Phenol	94	3.981	3.964	0.017	87	3150299	24.0	18.0	
9 Bis(2-chloroethyl)ether	93	4.011	3.994	0.017	64	2919063	24.0	18.2	M
10 Benzonitrile	103	4.034	4.009	0.025	78	5266702	NC	NC	
11 2-Chlorophenol	128	4.079	4.069	0.010	82	2337779	24.0	20.0	
12 n-Decane	43	4.101	4.099	0.002	89	2656881	24.0	25.0	
13 1,3-Dichlorobenzene	146	4.205	4.196	0.009	86	2386930	24.0	19.9	
* 14 1,4-Dichlorobenzene-d4	152	4.258	4.246	0.012	95	661880	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.280	4.271	0.009	86	2263721	24.0	19.7	
17 Benzyl alcohol	108	4.437	4.412	0.025	73	1764374	24.0	20.9	
18 1,2-Dichlorobenzene	146	4.429	4.427	0.002	86	2083736	24.0	24.5	
20 2,2'-oxybis[1-chloropropan	45	4.541	4.532	0.009	88	4847554	24.0	16.8	
19 2-Methylphenol	108	4.579	4.562	0.017	84	2515488	24.0	21.3	
23 N-Methylaniline	106	4.675	4.659	0.016	76	3553803	NC	NC	
24 Acetophenone	105	4.690	4.674	0.016	84	2933127	24.0	17.8	
25 N-Nitrosodi-n-propylamine	70	4.705	4.682	0.023	94	1971656	24.0	16.4	
26 3 & 4 Methylphenol	108	4.735	4.719	0.016	1	2287192	24.0	18.6	
21 4-Methylphenol	108	4.735	4.719	0.016	67	2256093	24.0	18.7	
27 Hexachloroethane	117	4.765	4.764	0.001	88	1127641	24.0	18.3	
$ 28 Nitrobenzene-d5	82	4.839	4.824	0.015	93	2977728	24.0	18.2	
29 Nitrobenzene	77	4.861	4.847	0.014	81	3393672	24.0	NQ	
30 n,n'-Dimethylaniline	120	4.861	4.847	0.014	74	2587611	24.0	NQ	
31 Isophorone	82	5.109	5.085	0.024	95	6134481	24.0	19.7	
32 2-Nitrophenol	139	5.169	5.160	0.009	77	1522663	24.0	19.8	
33 2,4-Dimethylphenol	122	5.259	5.242	0.017	84	1906739	24.0	19.0	
34 Bis(2-chloroethoxy)methane	93	5.319	5.309	0.010	91	3026178	24.0	18.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.476	5.421	0.055	58	1392953	24.0	23.6	M
36 2,4-Dichlorophenol	162	5.446	5.436	0.010	89	1844095	24.0	19.0	
37 1,2,4-Trichlorobenzene	180	5.499	5.486	0.013	53	1937267	24.0	18.8	
* 38 Naphthalene-d8	136	5.551	5.536	0.015	96	2192929	8.00	8.00	
39 Naphthalene	128	5.574	5.566	0.008	95	4604641	24.0	16.1	
40 4-Chloroaniline	127	5.649	5.633	0.016	87	2451803	24.0	18.0	
41 Hexachlorobutadiene	225	5.702	5.693	0.009	83	1082713	24.0	19.0	
44 4-Chloro-3-methylphenol	107	6.166	6.160	0.006	90	1960590	24.0	18.3	
45 2-Methylnaphthalene	142	6.263	6.256	0.007	77	3541333	24.0	24.0	
46 1-Methylnaphthalene	142	6.367	6.353	0.014	81	3190311	24.0	18.0	
47 Hexachlorocyclopentadiene	237	6.427	6.420	0.007	83	1015697	24.0	23.8	
48 1,2,4,5-Tetrachlorobenzene	216	6.442	6.435	0.007	90	1620555	24.0	20.3	
49 2-tertbutyl-4-methylphenol	149	6.493	6.487	0.006	85	2491529	24.0	18.6	
50 2,4,6-Trichlorophenol	196	6.569	6.560	0.009	84	1270654	24.0	22.4	
51 2,4,5-Trichlorophenol	196	6.629	6.626	0.003	84	1098268	24.0	20.3	
$ 52 2-Fluorobiphenyl	172	6.645	6.634	0.010	95	3282041	24.0	18.0	
53 1,1'-Biphenyl	154	6.743	6.731	0.012	97	3424885	24.0	18.0	
54 2-Chloronaphthalene	162	6.758	6.746	0.012	92	2833159	24.0	19.4	
55 Phenyl ether	170	6.840	6.827	0.013	82	2210698	24.0	21.3	
57 2-Nitroaniline	65	6.878	6.858	0.020	68	1547565	24.0	21.6	
58 1,3-Dimethylnaphthalene	156	6.976	6.963	0.013	89	2528044	24.0	20.3	
59 Dimethyl phthalate	163	7.072	7.046	0.026	94	3487831	24.0	20.5	
60 Coumarin	146	7.087	7.060	0.027	63	1256024	24.0	24.2	
61 2,6-Dinitrotoluene	165	7.117	7.098	0.019	49	980886	24.0	20.6	
62 Acenaphthylene	152	7.170	7.157	0.013	80	4502633	24.0	19.1	
63 3-Nitroaniline	138	7.290	7.275	0.015	89	1119414	24.0	21.1	
* 64 Acenaphthene-d10	164	7.304	7.293	0.011	96	929973	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.327	7.328	-0.001	83	1994242	24.0	19.6	
66 Acenaphthene	154	7.342	7.328	0.014	84	2157868	24.0	24.1	
67 2,4-Dinitrophenol	184	7.395	7.373	0.022	76	1458965	48.0	53.1	
70 2,4-Dinitrotoluene	165	7.514	7.493	0.021	68	1020383	24.0	18.3	
71 Dibenzofuran	168	7.514	7.501	0.013	84	3609802	24.0	17.6	
69 4-Nitrophenol	65	7.529	7.516	0.013	88	1729579	48.0	40.9	
72 2,3,4,6-Tetrachlorophenol	232	7.648	7.637	0.011	85	1000579	24.0	21.3	
73 Diethyl phthalate	149	7.762	7.739	0.023	93	2735353	24.0	24.8	
74 4-Chlorophenyl phenyl ethe	204	7.845	7.835	0.010	79	1219554	24.0	16.7	
75 Fluorene	166	7.853	7.835	0.018	83	2493117	24.0	24.7	
76 4-Nitroaniline	138	7.933	7.895	0.038	81	875427	24.0	19.6	
77 4,6-Dinitro-2-methylphenol	198	7.941	7.910	0.031	82	1541450	48.0	48.0	
78 N-Nitrosodiphenylamine	169	7.986	7.970	0.016	68	3811495	40.8	27.2	
79 1,2-Diphenylhydrazine	77	8.009	8.000	0.009	89	4169673	24.0	24.4	
$ 80 2,4,6-Tribromophenol	330	8.096	8.083	0.013	91	741555	24.0	21.7	
81 4-Bromophenyl phenyl ether	248	8.327	8.321	0.006	85	998863	24.0	20.6	
82 Hexachlorobenzene	284	8.393	8.389	0.004	91	1144639	24.0	19.7	
85 Pentachloronitrobenzene	237	8.594	8.589	0.005	61	398070	24.0	20.5	
84 Pentachlorophenol	266	8.608	8.596	0.012	86	1081541	48.0	42.6	
86 n-Octadecane	57	8.665	8.662	0.003	96	2290134	24.0	24.4	
* 87 Phenanthrene-d10	188	8.764	8.750	0.014	99	1489957	8.00	8.00	
88 Phenanthrene	178	8.794	8.782	0.012	98	3491434	24.0	18.3	
89 Anthracene	178	8.847	8.835	0.012	94	3620241	24.0	18.8	
90 Carbazole	167	9.012	9.000	0.012	83	3682133	24.0	19.0	
91 Di-n-butyl phthalate	149	9.340	9.337	0.003	98	4332694	24.0	24.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	9.956	9.949	0.007	96	3629914	24.0	18.7	
93 Benzidine	184	10.092	10.084	0.008	98	2496508	24.0	26.0	
94 Pyrene	202	10.181	10.167	0.014	96	3973912	24.0	20.7	
95 Bisphenol-A	213	10.241	10.234	0.007	0	1926489	24.0	24.9	
$ 96 Terphenyl-d14	244	10.329	10.322	0.007	98	2702655	24.0	19.4	
97 Butyl benzyl phthalate	149	10.846	10.841	0.005	96	2155229	24.0	21.9	
99 Carbamazepine	193	10.988	10.973	0.015	79	1500282	24.0	26.0	
100 3,3'-Dichlorobenzidine	252	11.472	11.462	0.010	98	1448479	24.0	25.7	
101 Benzo[a]anthracene	228	11.493	11.483	0.010	89	3145200	24.0	20.7	
* 102 Chrysene-d12	240	11.507	11.487	0.020	99	1018569	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.528	11.524	0.004	89	2343808	24.0	20.3	
104 Chrysene	228	11.542	11.531	0.011	94	2558903	24.0	19.8	
105 Di-n-octyl phthalate	149	12.373	12.367	0.006	96	4181201	24.0	19.3	
106 Benzo[b]fluoranthene	252	12.888	12.874	0.014	88	3739020	24.0	25.7	
107 Benzo[k]fluoranthene	252	12.932	12.912	0.020	89	2855395	24.0	18.4	
108 Benzo[a]pyrene	252	13.329	13.314	0.015	97	3039546	24.0	22.1	
* 109 Perylene-d12	264	13.396	13.386	0.010	99	1027756	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.905	14.875	0.030	97	3549941	24.0	28.7	M
111 Dibenz(a,h)anthracene	278	14.941	14.913	0.027	95	3056048	24.0	25.8	
112 Benzo[g,h,i]perylene	276	15.323	15.284	0.039	94	3343555	24.0	26.7	
S 119 Total Cresols	1				0			39.9	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- NQ - Not Quantifiable

Review Flags
- M - Manually Integrated

Reagents:

SM_BNAL8_00008 Amount Added: 1.00 Units: mL

Report Date: 12-Nov-2015 11:41:59 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966462.D

Injection Date: 11-Nov-2015 17:19:30 Instrument ID: CBNAMS6 Operator ID:

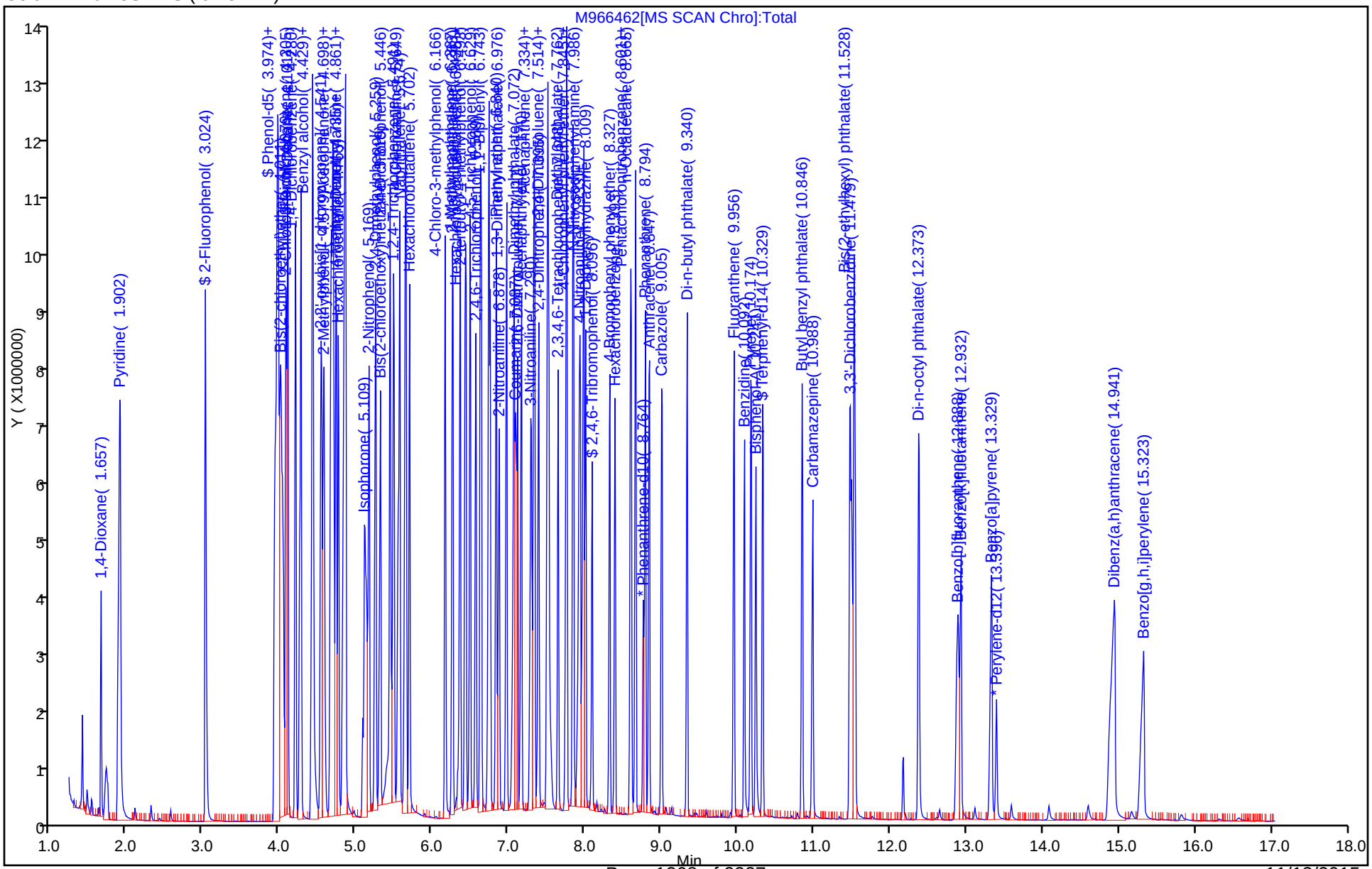
Lims ID: STD24 Worklist Smp#: 3

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8270LVI_R6 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966463.D
Lims ID: STD16
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 11-Nov-2015 17:40:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034125-004
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub31

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 11:41:51 Calib Date: 11-Nov-2015 19:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: bayoumiw Date: 11-Nov-2015 18:23:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.657	1.656	0.001	96	781566	16.0	14.4	
2 N-Nitrosodimethylamine	74	1.881	1.878	0.003	77	1541715	16.0	14.7	
3 Pyridine	79	1.903	1.901	0.002	83	2016630	16.0	13.8	
$ 4 2-Fluorophenol	112	3.025	3.026	-0.001	89	2090860	16.0	15.1	
8 Aniline	93	3.935	3.934	0.001	96	3142911	16.0	13.6	
$ 6 Phenol-d5	99	3.958	3.949	0.009	56	2314042	16.0	13.0	
7 Phenol	94	3.973	3.964	0.009	79	2456809	16.0	13.1	
9 Bis(2-chloroethyl)ether	93	4.002	3.994	0.008	55	1980721	16.0	11.5	
10 Benzonitrile	103	4.024	4.009	0.015	78	3530525	NC	NC	
11 2-Chlorophenol	128	4.077	4.069	0.008	87	1666147	16.0	13.3	
12 n-Decane	43	4.099	4.099	0.000	89	2032518	16.0	14.6	
13 1,3-Dichlorobenzene	146	4.203	4.196	0.007	88	1728250	16.0	13.4	
* 14 1,4-Dichlorobenzene-d4	152	4.256	4.246	0.010	96	710136	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.276	4.271	0.005	88	1683286	16.0	13.7	
17 Benzyl alcohol	108	4.418	4.412	0.006	84	1221713	16.0	13.5	
18 1,2-Dichlorobenzene	146	4.425	4.427	-0.002	86	1534903	16.0	15.0	
20 2,2'-oxybis[1-chloropropan	45	4.535	4.532	0.003	89	3769944	16.0	12.2	
19 2-Methylphenol	108	4.565	4.562	0.003	83	1746303	16.0	13.8	
23 N-Methylaniline	106	4.663	4.659	0.004	76	2513682	NC	NC	
24 Acetophenone	105	4.685	4.674	0.011	86	2145454	16.0	12.1	
25 N-Nitrosodi-n-propylamine	70	4.693	4.682	0.011	94	1413048	16.0	10.9	
26 3 & 4 Methylphenol	108	4.730	4.719	0.011	9	1783163	16.0	13.6	
21 4-Methylphenol	108	4.730	4.719	0.011	87	1757304	16.0	13.6	
27 Hexachloroethane	117	4.768	4.764	0.004	90	830958	16.0	12.6	
$ 28 Nitrobenzene-d5	82	4.827	4.824	0.003	94	2292403	16.0	13.9	
29 Nitrobenzene	77	4.850	4.847	0.003	83	2420916	16.0	16.3	
30 n,n'-Dimethylaniline	120	4.850	4.847	0.003	73	1842210	16.0	16.1	
31 Isophorone	82	5.097	5.085	0.012	95	4289073	16.0	13.6	
32 2-Nitrophenol	139	5.164	5.160	0.004	77	1114186	16.0	14.4	
33 2,4-Dimethylphenol	122	5.247	5.242	0.005	83	1385165	16.0	13.7	
34 Bis(2-chloroethoxy)methane	93	5.314	5.309	0.005	93	2205641	16.0	13.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.457	5.421	0.036	62	960635	16.0	16.3	M
36 2,4-Dichlorophenol	162	5.442	5.436	0.006	90	1360469	16.0	13.9	
37 1,2,4-Trichlorobenzene	180	5.495	5.486	0.009	81	1434128	16.0	13.8	
* 38 Naphthalene-d8	136	5.547	5.536	0.011	96	2212116	8.00	8.00	
39 Naphthalene	128	5.569	5.566	0.003	95	3439027	16.0	11.9	
40 4-Chloroaniline	127	5.637	5.633	0.004	88	1848403	16.0	13.5	
41 Hexachlorobutadiene	225	5.697	5.693	0.004	84	827343	16.0	14.4	
44 4-Chloro-3-methylphenol	107	6.162	6.160	0.002	90	1475474	16.0	13.7	
45 2-Methylnaphthalene	142	6.260	6.256	0.004	79	2682301	16.0	16.0	
46 1-Methylnaphthalene	142	6.358	6.353	0.005	82	2418582	16.0	13.5	
47 Hexachlorocyclopentadiene	237	6.426	6.420	0.006	82	723734	16.0	15.2	
48 1,2,4,5-Tetrachlorobenzene	216	6.433	6.435	-0.002	89	1276386	16.0	14.3	
49 2-tertbutyl-4-methylphenol	149	6.494	6.487	0.007	87	1822997	16.0	13.5	
50 2,4,6-Trichlorophenol	196	6.569	6.560	0.009	81	915321	16.0	14.5	
51 2,4,5-Trichlorophenol	196	6.622	6.626	-0.004	83	830926	16.0	13.8	
$ 52 2-Fluorobiphenyl	172	6.637	6.634	0.003	95	2603516	16.0	12.8	
53 1,1'-Biphenyl	154	6.732	6.731	0.001	98	2779426	16.0	13.2	
54 2-Chloronaphthalene	162	6.754	6.746	0.008	93	2206779	16.0	13.6	
55 Phenyl ether	170	6.836	6.827	0.009	83	1660728	16.0	14.4	
57 2-Nitroaniline	65	6.865	6.858	0.007	68	1142864	16.0	14.3	
58 1,3-Dimethylnaphthalene	156	6.970	6.963	0.007	90	1936445	16.0	14.0	
59 Dimethyl phthalate	163	7.061	7.046	0.015	95	2517591	16.0	13.3	
60 Coumarin	146	7.069	7.060	0.009	69	896988	16.0	15.6	
61 2,6-Dinitrotoluene	165	7.106	7.098	0.008	44	763754	16.0	14.4	
62 Acenaphthylene	152	7.159	7.157	0.002	85	3417735	16.0	13.0	
63 3-Nitroaniline	138	7.280	7.275	0.005	90	850745	16.0	14.4	
* 64 Acenaphthene-d10	164	7.303	7.293	0.010	94	1035058	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.325	7.328	-0.003	85	1592611	16.0	14.1	
66 Acenaphthene	154	7.333	7.328	0.005	88	1780439	16.0	15.9	
67 2,4-Dinitrophenol	184	7.386	7.373	0.013	72	1028991	32.0	33.7	
70 2,4-Dinitrotoluene	165	7.501	7.493	0.008	70	810909	16.0	13.1	
71 Dibenzofuran	168	7.509	7.501	0.008	85	2805542	16.0	12.3	
69 4-Nitrophenol	65	7.517	7.516	0.001	90	1267312	32.0	26.9	
72 2,3,4,6-Tetrachlorophenol	232	7.642	7.637	0.005	84	765276	16.0	14.7	
73 Diethyl phthalate	149	7.754	7.739	0.015	96	2186404	16.0	14.8	
74 4-Chlorophenyl phenyl ethe	204	7.845	7.835	0.010	79	966536	16.0	11.9	
75 Fluorene	166	7.845	7.835	0.010	77	1954920	16.0	14.9	
76 4-Nitroaniline	138	7.911	7.895	0.016	85	687720	16.0	13.8	
77 4,6-Dinitro-2-methylphenol	198	7.926	7.910	0.016	80	1090118	32.0	32.0	
78 N-Nitrosodiphenylamine	169	7.978	7.970	0.008	49	3007950	27.2	20.3	
79 1,2-Diphenylhydrazine	77	8.001	8.000	0.001	93	3060316	16.0	15.1	
$ 80 2,4,6-Tribromophenol	330	8.090	8.083	0.007	91	594665	16.0	15.6	
81 4-Bromophenyl phenyl ether	248	8.322	8.321	0.001	84	706578	16.0	13.7	
82 Hexachlorobenzene	284	8.390	8.389	0.001	90	863961	16.0	14.0	
85 Pentachloronitrobenzene	237	8.591	8.589	0.002	60	298157	16.0	14.5	
84 Pentachlorophenol	266	8.598	8.596	0.002	84	824254	32.0	30.7	
86 n-Octadecane	57	8.665	8.662	0.003	96	1885872	16.0	15.4	
* 87 Phenanthrene-d10	188	8.762	8.750	0.012	98	1577265	8.00	8.00	
88 Phenanthrene	178	8.785	8.782	0.003	99	2811402	16.0	13.9	
89 Anthracene	178	8.838	8.835	0.003	95	2749647	16.0	13.5	
90 Carbazole	167	9.003	9.000	0.003	84	2754528	16.0	13.4	
91 Di-n-butyl phthalate	149	9.340	9.337	0.003	99	3418743	16.0	15.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	9.950	9.949	0.001	97	2800216	16.0	13.6	
93 Benzidine	184	10.082	10.084	-0.002	99	1761169	16.0	17.3	
94 Pyrene	202	10.172	10.167	0.005	96	2856109	16.0	14.0	
95 Bisphenol-A	213	10.240	10.234	0.006	0	1387929	16.0	16.8	
$ 96 Terphenyl-d14	244	10.329	10.322	0.007	98	2168451	16.0	14.6	
97 Butyl benzyl phthalate	149	10.843	10.841	0.001	97	1591835	16.0	15.2	
99 Carbamazepine	193	10.977	10.973	0.004	79	1059876	16.0	17.2	
100 3,3'-Dichlorobenzidine	252	11.469	11.462	0.007	97	1078756	16.0	17.9	
101 Benzo[a]anthracene	228	11.483	11.483	0.000	89	2336457	16.0	14.4	
* 102 Chrysene-d12	240	11.504	11.487	0.017	98	1086768	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.525	11.524	0.001	88	1766188	16.0	14.3	
104 Chrysene	228	11.539	11.531	0.008	96	1835797	16.0	13.3	
105 Di-n-octyl phthalate	149	12.370	12.367	0.003	96	3061496	16.0	14.5	
106 Benzo[b]fluoranthene	252	12.879	12.874	0.005	89	2190985	16.0	15.5	
107 Benzo[k]fluoranthene	252	12.916	12.912	0.004	97	2239716	16.0	14.8	
108 Benzo[a]pyrene	252	13.317	13.314	0.003	87	2056129	16.0	15.4	
* 109 Perylene-d12	264	13.392	13.386	0.006	99	999513	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.889	14.875	0.014	95	2210064	16.0	18.3	M
111 Dibenz(a,h)anthracene	278	14.925	14.913	0.012	88	2041568	16.0	17.7	
112 Benzo[g,h,i]perylene	276	15.300	15.284	0.016	94	2079043	16.0	17.1	
S 119 Total Cresols	1				0			27.3	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL7_00008 Amount Added: 1.00 Units: mL

Report Date: 12-Nov-2015 11:41:53 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966463.D

Injection Date: 11-Nov-2015 17:40:30 Instrument ID: CBNAMS6 Operator ID:

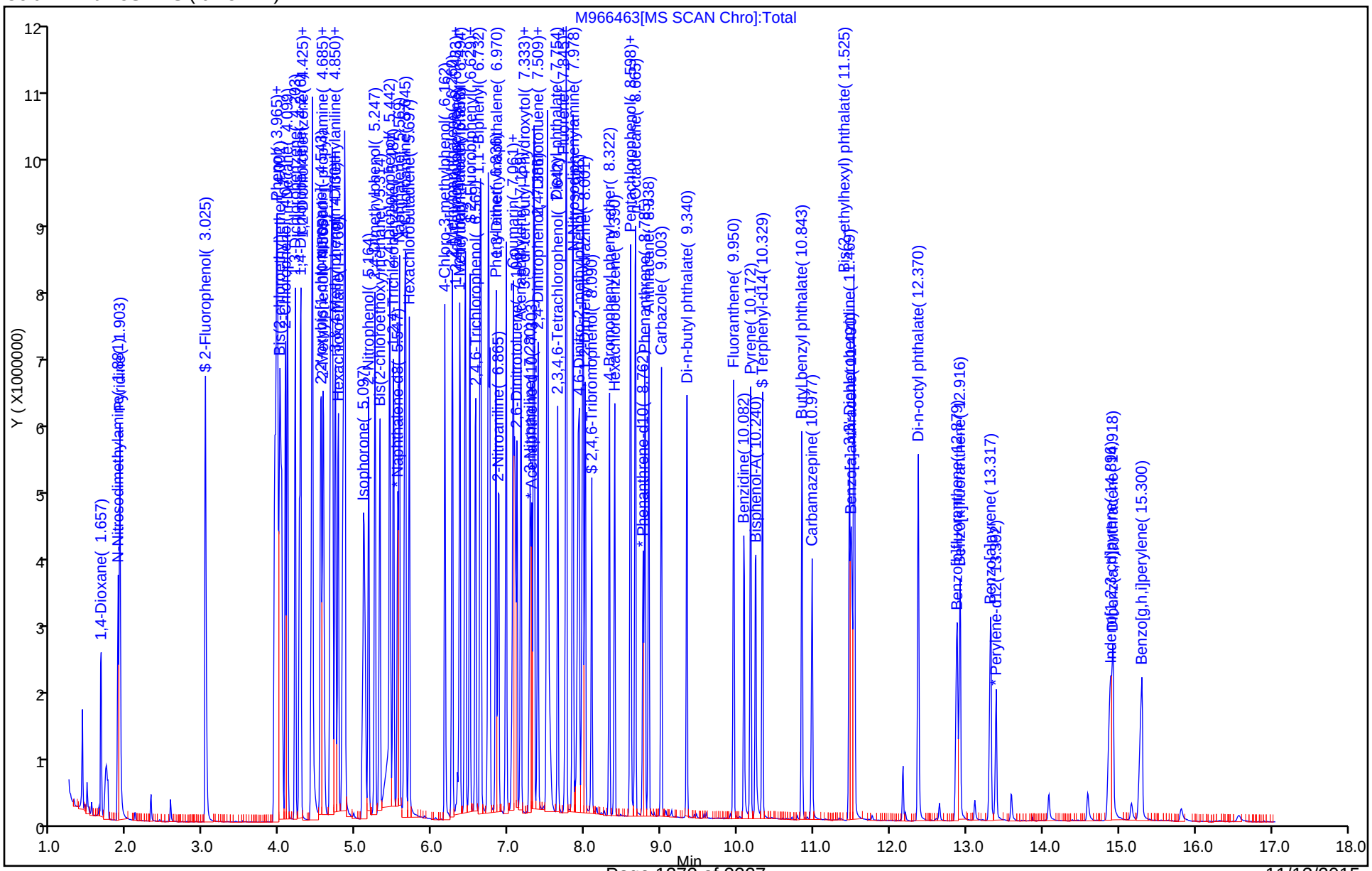
Lims ID: STD16 Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8270LVI_R6 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966464.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 11-Nov-2015 18:02:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034125-005
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub31

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 11:41:44 Calib Date: 11-Nov-2015 19:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: bayoumiw Date: 11-Nov-2015 18:25:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.650	1.656	-0.006	96	224132	4.00	4.36	
2 N-Nitrosodimethylamine	74	1.873	1.878	-0.005	81	431808	4.00	4.36	
3 Pyridine	79	1.902	1.901	0.001	83	632557	4.00	4.56	
$ 4 2-Fluorophenol	112	3.029	3.026	0.003	89	558763	4.00	4.27	
8 Aniline	93	3.923	3.934	-0.012	97	953860	4.00	4.34	
$ 6 Phenol-d5	99	3.945	3.949	-0.004	39	751743	4.00	4.46	
7 Phenol	94	3.960	3.964	-0.004	48	847874	4.00	4.76	
9 Bis(2-chloroethyl)ether	93	3.981	3.994	-0.013	75	633701	4.00	3.89	
10 Benzonitrile	103	3.996	4.009	-0.013	83	1051974	NC	NC	
11 2-Chlorophenol	128	4.064	4.069	-0.005	84	533329	4.00	4.49	
12 n-Decane	43	4.094	4.099	-0.005	82	730779	4.00	4.71	
13 1,3-Dichlorobenzene	146	4.198	4.196	0.002	90	539161	4.00	4.42	
* 14 1,4-Dichlorobenzene-d4	152	4.251	4.246	0.005	96	672750	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.266	4.271	-0.005	88	521128	4.00	4.47	
17 Benzyl alcohol	108	4.408	4.412	-0.004	87	375075	4.00	4.36	
18 1,2-Dichlorobenzene	146	4.423	4.427	-0.004	89	502541	4.00	4.64	
20 2,2'-oxybis[1-chloropropan	45	4.535	4.532	0.003	91	1283266	4.00	4.39	
19 2-Methylphenol	108	4.557	4.562	-0.005	86	511501	4.00	4.26	
23 N-Methylaniline	106	4.654	4.659	-0.005	71	788476	NC	NC	
24 Acetophenone	105	4.662	4.674	-0.012	79	727133	4.00	4.34	
25 N-Nitrosodi-n-propylamine	70	4.669	4.682	-0.013	94	499606	4.00	4.09	
26 3 & 4 Methylphenol	108	4.713	4.719	-0.006	20	570127	4.00	4.57	
21 4-Methylphenol	108	4.713	4.719	-0.006	92	559606	4.00	4.56	
27 Hexachloroethane	117	4.758	4.764	-0.006	84	256956	4.00	4.11	
$ 28 Nitrobenzene-d5	82	4.811	4.824	-0.013	94	711010	4.00	4.20	
29 Nitrobenzene	77	4.833	4.847	-0.014	84	868769	4.00	4.09	
30 n,n'-Dimethylaniline	120	4.833	4.847	-0.014	62	632958	4.00	4.08	
31 Isophorone	82	5.072	5.085	-0.013	96	1283260	4.00	3.99	
32 2-Nitrophenol	139	5.154	5.160	-0.006	80	341649	4.00	4.31	
33 2,4-Dimethylphenol	122	5.236	5.242	-0.006	85	457503	4.00	4.42	
34 Bis(2-chloroethoxy)methane	93	5.296	5.309	-0.013	91	724658	4.00	4.37	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.379	5.421	-0.042	56	204891	4.00	3.92	
36 2,4-Dichlorophenol	162	5.431	5.436	-0.005	86	432575	4.00	4.33	
37 1,2,4-Trichlorobenzene	180	5.484	5.486	-0.002	88	429962	4.00	4.04	
* 38 Naphthalene-d8	136	5.536	5.536	0.000	97	2260595	8.00	8.00	
39 Naphthalene	128	5.559	5.566	-0.007	93	1226701	4.00	4.16	
40 4-Chloroaniline	127	5.626	5.633	-0.007	89	615292	4.00	4.39	
41 Hexachlorobutadiene	225	5.692	5.693	-0.001	87	239911	4.00	4.09	
44 4-Chloro-3-methylphenol	107	6.162	6.160	0.002	93	487761	4.00	4.42	
45 2-Methylnaphthalene	142	6.251	6.256	-0.005	76	886776	4.00	4.18	
46 1-Methylnaphthalene	142	6.356	6.353	0.003	80	811222	4.00	4.45	
47 Hexachlorocyclopentadiene	237	6.424	6.420	0.004	64	203908	4.00	3.92	
48 1,2,4,5-Tetrachlorobenzene	216	6.424	6.435	-0.011	88	423495	4.00	4.35	
49 2-tertbutyl-4-methylphenol	149	6.484	6.487	-0.003	87	589505	4.00	4.27	
50 2,4,6-Trichlorophenol	196	6.559	6.560	-0.001	85	289287	4.00	4.20	
51 2,4,5-Trichlorophenol	196	6.627	6.626	0.001	59	279231	4.00	4.24	
$ 52 2-Fluorobiphenyl	172	6.627	6.634	-0.007	96	920991	4.00	4.14	
53 1,1'-Biphenyl	154	6.725	6.731	-0.007	97	1003640	4.00	4.34	
54 2-Chloronaphthalene	162	6.740	6.746	-0.006	94	773389	4.00	4.36	
55 Phenyl ether	170	6.829	6.827	0.002	88	534722	4.00	4.24	
57 2-Nitroaniline	65	6.850	6.858	-0.008	68	370582	4.00	4.24	
58 1,3-Dimethylnaphthalene	156	6.961	6.963	-0.002	89	648850	4.00	4.29	
59 Dimethyl phthalate	163	7.034	7.046	-0.012	94	875041	4.00	4.22	
60 Coumarin	146	7.049	7.060	-0.011	73	300669	4.00	4.19	
61 2,6-Dinitrotoluene	165	7.094	7.098	-0.004	31	238358	4.00	4.12	
62 Acenaphthylene	152	7.153	7.157	-0.004	96	1253745	4.00	4.36	
63 3-Nitroaniline	138	7.265	7.275	-0.010	90	272515	4.00	4.23	
* 64 Acenaphthene-d10	164	7.296	7.293	0.003	90	1132274	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.318	7.328	-0.010	73	536806	4.00	4.33	
66 Acenaphthene	154	7.326	7.328	-0.002	89	687909	4.00	4.48	
67 2,4-Dinitrophenol	184	7.363	7.373	-0.010	73	281938	8.00	8.44	
70 2,4-Dinitrotoluene	165	7.491	7.493	-0.002	68	295418	4.00	4.36	
71 Dibenzofuran	168	7.491	7.501	-0.010	87	1070234	4.00	4.28	
69 4-Nitrophenol	65	7.514	7.516	-0.002	27	445228	8.00	8.65	
72 2,3,4,6-Tetrachlorophenol	232	7.640	7.637	0.003	90	249457	4.00	4.37	
73 Diethyl phthalate	149	7.730	7.739	-0.009	95	918165	4.00	4.87	
74 4-Chlorophenyl phenyl ethe	204	7.836	7.835	0.001	78	385850	4.00	4.34	
75 Fluorene	166	7.836	7.835	0.001	78	787410	4.00	4.77	
76 4-Nitroaniline	138	7.872	7.895	-0.023	58	239286	4.00	4.40	
77 4,6-Dinitro-2-methylphenol	198	7.894	7.910	-0.016	75	349178	8.00	8.74	
78 N-Nitrosodiphenylamine	169	7.954	7.970	-0.016	66	1181007	6.80	6.80	
79 1,2-Diphenylhydrazine	77	7.992	8.000	-0.008	94	1173783	4.00	4.38	
$ 80 2,4,6-Tribromophenol	330	8.075	8.083	-0.008	90	186602	4.00	4.48	
81 4-Bromophenyl phenyl ether	248	8.314	8.321	-0.007	86	270553	4.00	4.48	
82 Hexachlorobenzene	284	8.382	8.389	-0.007	89	294946	4.00	4.09	
85 Pentachloronitrobenzene	237	8.589	8.589	0.000	56	104608	4.00	4.34	
84 Pentachlorophenol	266	8.589	8.596	-0.007	86	291373	8.00	9.25	
86 n-Octadecane	57	8.656	8.662	-0.006	96	800236	4.00	4.19	
* 87 Phenanthrene-d10	188	8.752	8.750	0.002	99	1850870	8.00	8.00	
88 Phenanthrene	178	8.774	8.782	-0.008	97	1021512	4.00	4.31	
89 Anthracene	178	8.825	8.835	-0.010	96	1051566	4.00	4.40	
90 Carbazole	167	8.990	9.000	-0.010	83	1017273	4.00	4.23	
91 Di-n-butyl phthalate	149	9.331	9.337	-0.006	99	1354875	4.00	4.18	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	9.940	9.949	-0.009	97	1027384	4.00	4.26	
93 Benzidine	184	10.075	10.084	-0.009	98	500156	4.00	4.19	
94 Pyrene	202	10.166	10.167	-0.001	97	1028110	4.00	4.14	
95 Bisphenol-A	213	10.232	10.234	-0.002	0	381930	4.00	3.80	
$ 96 Terphenyl-d14	244	10.322	10.322	0.000	98	740039	4.00	4.10	
97 Butyl benzyl phthalate	149	10.838	10.841	-0.003	96	518283	4.00	4.06	
99 Carbamazepine	193	10.958	10.973	-0.015	83	303622	4.00	4.06	
100 3,3'-Dichlorobenzidine	252	11.457	11.462	-0.005	98	324503	4.00	4.44	
101 Benzo[a]anthracene	228	11.479	11.483	-0.004	89	757123	4.00	3.84	
* 102 Chrysene-d12	240	11.493	11.487	0.006	97	1320346	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.521	11.524	-0.003	85	639026	4.00	4.27	
104 Chrysene	228	11.521	11.531	-0.010	95	711924	4.00	4.25	
105 Di-n-octyl phthalate	149	12.361	12.367	-0.006	93	1005596	4.00	4.37	
106 Benzo[b]fluoranthene	252	12.865	12.874	-0.009	90	613797	4.00	3.97	
107 Benzo[k]fluoranthene	252	12.895	12.912	-0.017	93	658954	4.00	3.99	
108 Benzo[a]pyrene	252	13.298	13.314	-0.016	97	607136	4.00	4.15	
* 109 Perylene-d12	264	13.387	13.386	0.001	99	1092310	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.856	14.875	-0.019	95	526754	4.00	4.00	
111 Dibenz(a,h)anthracene	278	14.893	14.913	-0.020	97	519151	4.00	4.12	
112 Benzo[g,h,i]perylene	276	15.267	15.284	-0.017	92	520014	4.00	3.91	
S 119 Total Cresols	1				0			8.83	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL5_00016 Amount Added: 1.00 Units: mL

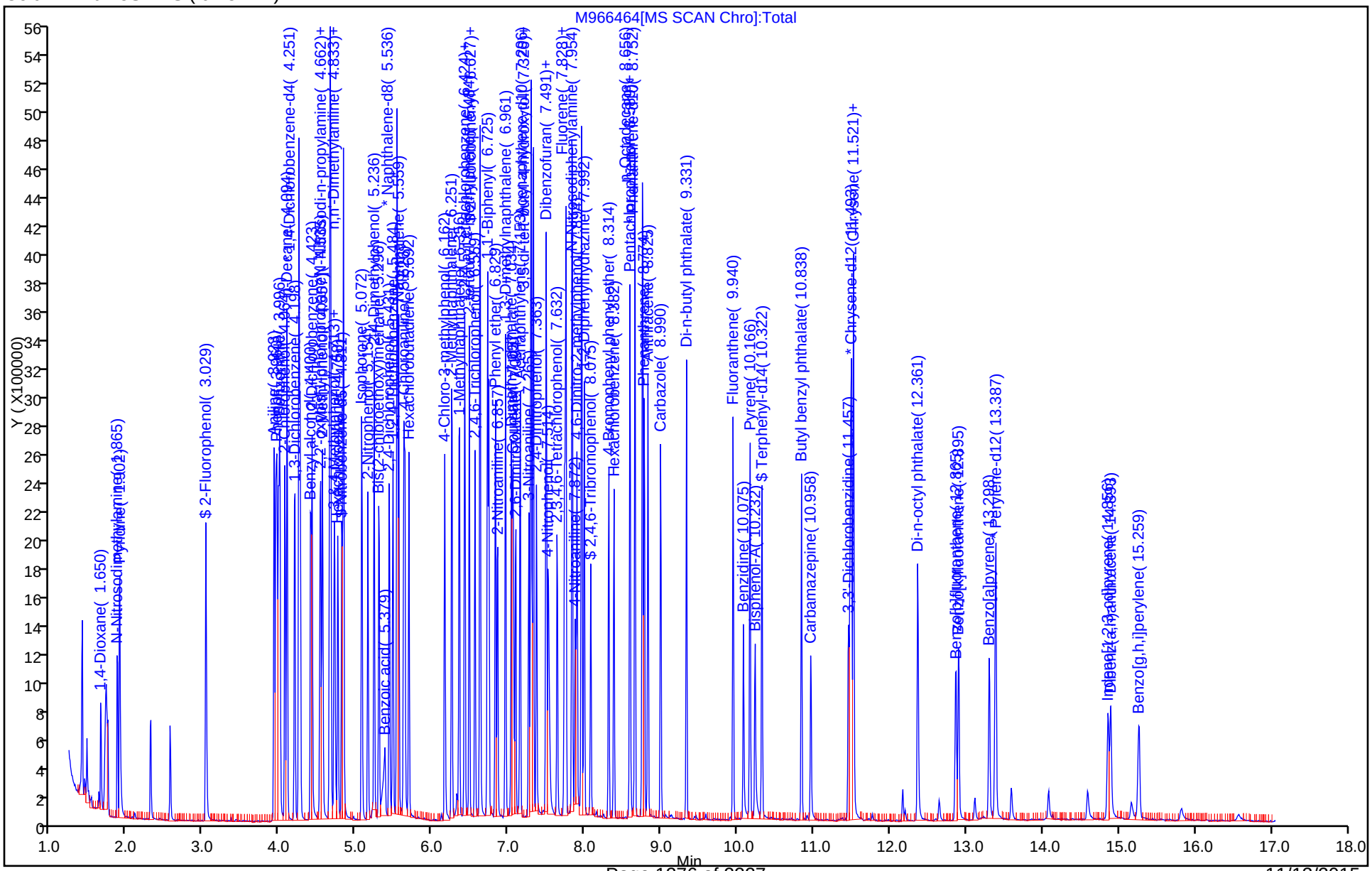
Report Date: 12-Nov-2015 11:41:46 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966464.D

Injection Date:	11-Nov-2015 18:02:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	STD4			Worklist Smp#:	5
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966465.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 11-Nov-2015 18:23:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034125-006
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub31

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 11:41:39 Calib Date: 11-Nov-2015 19:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: bayoumiw Date: 11-Nov-2015 18:32:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.656	1.656	0.000	97	119039	2.00	2.13	
2 N-Nitrosodimethylamine	74	1.871	1.878	-0.007	77	223878	2.00	2.08	
3 Pyridine	79	1.901	1.901	0.000	81	324346	2.00	2.16	
$ 4 2-Fluorophenol	112	3.035	3.026	0.009	90	309911	2.00	2.18	
8 Aniline	93	3.924	3.934	-0.010	98	546329	2.00	2.29	
$ 6 Phenol-d5	99	3.954	3.949	0.005	36	410083	2.00	2.25	
7 Phenol	94	3.961	3.964	-0.003	97	430713	2.00	2.23	
9 Bis(2-chloroethyl)ether	93	3.984	3.994	-0.010	78	356708	2.00	2.02	
10 Benzonitrile	103	3.998	4.009	-0.011	83	576676	NC	NC	
11 2-Chlorophenol	128	4.065	4.069	-0.004	85	296625	2.00	2.30	
12 n-Decane	43	4.095	4.099	-0.004	82	441469	2.00	2.54	
13 1,3-Dichlorobenzene	146	4.192	4.196	-0.004	89	301966	2.00	2.28	
* 14 1,4-Dichlorobenzene-d4	152	4.251	4.246	0.005	96	729516	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.265	4.271	-0.006	78	285631	2.00	2.26	
17 Benzyl alcohol	108	4.399	4.412	-0.013	85	210380	2.00	2.26	
18 1,2-Dichlorobenzene	146	4.420	4.427	-0.007	88	291941	2.00	2.43	
20 2,2'-oxybis[1-chloropropan	45	4.532	4.532	0.000	91	717712	2.00	2.26	
19 2-Methylphenol	108	4.554	4.562	-0.008	85	281378	2.00	2.16	
23 N-Methylaniline	106	4.650	4.659	-0.009	70	430602	NC	NC	
24 Acetophenone	105	4.658	4.674	-0.016	78	410429	2.00	2.26	
25 N-Nitrosodi-n-propylamine	70	4.665	4.682	-0.017	94	276627	2.00	2.09	
26 3 & 4 Methylphenol	108	4.717	4.719	-0.002	19	307734	2.00	2.28	
21 4-Methylphenol	108	4.717	4.719	-0.002	90	302768	2.00	2.28	
27 Hexachloroethane	117	4.761	4.764	-0.003	87	138782	2.00	2.05	
$ 28 Nitrobenzene-d5	82	4.814	4.824	-0.010	91	390990	2.00	2.33	
29 Nitrobenzene	77	4.829	4.847	-0.018	85	507014	2.00	2.31	
30 n,n'-Dimethylaniline	120	4.836	4.847	-0.011	82	354064	2.00	2.00	
31 Isophorone	82	5.067	5.085	-0.018	96	774286	2.00	2.42	
32 2-Nitrophenol	139	5.156	5.160	-0.004	83	180913	2.00	2.30	
33 2,4-Dimethylphenol	122	5.237	5.242	-0.005	85	242339	2.00	2.36	
34 Bis(2-chloroethoxy)methane	93	5.297	5.309	-0.012	93	391746	2.00	2.38	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.357	5.421	-0.064	66	86040	2.00	2.03	
36 2,4-Dichlorophenol	162	5.439	5.436	0.003	93	240304	2.00	2.42	
37 1,2,4-Trichlorobenzene	180	5.484	5.486	-0.002	91	236393	2.00	2.24	
* 38 Naphthalene-d8	136	5.536	5.536	0.000	97	2244503	8.00	8.00	
39 Naphthalene	128	5.557	5.566	-0.009	88	716502	2.00	2.45	
40 4-Chloroaniline	127	5.623	5.633	-0.010	89	350495	2.00	2.52	
41 Hexachlorobutadiene	225	5.689	5.693	-0.004	87	134737	2.00	2.32	
44 4-Chloro-3-methylphenol	107	6.164	6.160	0.004	92	272160	2.00	2.48	
45 2-Methylnaphthalene	142	6.254	6.256	-0.002	77	505886	2.00	2.15	
46 1-Methylnaphthalene	142	6.350	6.353	-0.003	80	447818	2.00	2.47	
47 Hexachlorocyclopentadiene	237	6.418	6.420	-0.002	77	104599	2.00	1.89	
48 1,2,4,5-Tetrachlorobenzene	216	6.425	6.435	-0.010	90	230076	2.00	2.23	
49 2-tertbutyl-4-methylphenol	149	6.485	6.487	-0.002	89	313213	2.00	2.29	
50 2,4,6-Trichlorophenol	196	6.560	6.560	0.000	89	155866	2.00	2.13	
51 2,4,5-Trichlorophenol	196	6.626	6.626	0.000	62	163497	2.00	2.34	
$ 52 2-Fluorobiphenyl	172	6.626	6.634	-0.008	96	525555	2.00	2.22	
53 1,1'-Biphenyl	154	6.724	6.731	-0.007	97	576079	2.00	2.35	
54 2-Chloronaphthalene	162	6.739	6.746	-0.007	95	434891	2.00	2.31	
55 Phenyl ether	170	6.829	6.827	0.002	86	278221	2.00	2.08	
57 2-Nitroaniline	65	6.851	6.858	-0.007	77	206176	2.00	2.22	
58 1,3-Dimethylnaphthalene	156	6.956	6.963	-0.007	88	350867	2.00	2.18	
59 Dimethyl phthalate	163	7.031	7.046	-0.015	95	514756	2.00	2.34	
60 Coumarin	146	7.046	7.060	-0.014	70	169103	2.00	2.05	
61 2,6-Dinitrotoluene	165	7.090	7.098	-0.008	39	133933	2.00	2.18	
62 Acenaphthylene	152	7.149	7.157	-0.008	95	750209	2.00	2.46	
63 3-Nitroaniline	138	7.260	7.275	-0.015	89	152815	2.00	2.23	
* 64 Acenaphthene-d10	164	7.290	7.293	-0.003	91	1202424	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.320	7.328	-0.008	57	259595	2.00	1.97	
66 Acenaphthene	154	7.320	7.328	-0.008	90	388101	2.00	2.01	
67 2,4-Dinitrophenol	184	7.365	7.373	-0.008	91	141056	4.00	3.97	
70 2,4-Dinitrotoluene	165	7.490	7.493	-0.003	68	165790	2.00	2.30	
71 Dibenzofuran	168	7.497	7.501	-0.004	90	599484	2.00	2.26	
69 4-Nitrophenol	65	7.527	7.516	0.011	56	243329	4.00	4.45	
72 2,3,4,6-Tetrachlorophenol	232	7.639	7.637	0.002	88	133952	2.00	2.21	
73 Diethyl phthalate	149	7.729	7.739	-0.010	96	522532	2.00	2.53	
74 4-Chlorophenyl phenyl ethe	204	7.832	7.835	-0.003	75	216872	2.00	2.30	
75 Fluorene	166	7.832	7.835	-0.003	77	446671	2.00	2.48	
76 4-Nitroaniline	138	7.868	7.895	-0.027	41	134688	2.00	2.33	
77 4,6-Dinitro-2-methylphenol	198	7.890	7.910	-0.020	70	176170	4.00	4.11	
78 N-Nitrosodiphenylamine	169	7.950	7.970	-0.020	65	684139	3.40	3.67	
79 1,2-Diphenylhydrazine	77	7.988	8.000	-0.012	92	712766	2.00	2.43	
$ 80 2,4,6-Tribromophenol	330	8.076	8.083	-0.007	91	94210	2.00	2.13	
81 4-Bromophenyl phenyl ether	248	8.315	8.321	-0.006	86	138118	2.00	2.13	
82 Hexachlorobenzene	284	8.381	8.389	-0.008	92	178117	2.00	2.30	
85 Pentachloronitrobenzene	237	8.588	8.589	-0.001	59	55478	2.00	2.15	
84 Pentachlorophenol	266	8.588	8.596	-0.008	83	136353	4.00	4.03	
86 n-Octadecane	57	8.654	8.662	-0.008	96	466467	2.00	1.95	
* 87 Phenanthrene-d10	188	8.757	8.750	0.007	98	1985617	8.00	8.00	
88 Phenanthrene	178	8.779	8.782	-0.003	90	586565	2.00	2.31	
89 Anthracene	178	8.823	8.835	-0.012	96	578251	2.00	2.25	
90 Carbazole	167	8.994	9.000	-0.006	83	597632	2.00	2.31	
91 Di-n-butyl phthalate	149	9.330	9.337	-0.007	99	808789	2.00	2.06	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	9.940	9.949	-0.009	97	607912	2.00	2.35	
93 Benzidine	184	10.073	10.084	-0.011	94	203488	2.00	1.59	
94 Pyrene	202	10.163	10.167	-0.004	95	609592	2.00	2.34	
95 Bisphenol-A	213	10.231	10.234	-0.003	0	212141	2.00	2.02	
$ 96 Terphenyl-d14	244	10.319	10.322	-0.003	98	388727	2.00	2.06	
97 Butyl benzyl phthalate	149	10.834	10.841	-0.007	94	296373	2.00	2.22	
99 Carbamazepine	193	10.959	10.973	-0.014	84	137978	2.00	1.76	
100 3,3'-Dichlorobenzidine	252	11.454	11.462	-0.008	96	137062	2.00	1.79	
101 Benzo[a]anthracene	228	11.477	11.483	-0.007	98	430700	2.00	2.09	
* 102 Chrysene-d12	240	11.490	11.487	0.003	98	1383898	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.518	11.524	-0.006	82	359067	2.00	2.29	
104 Chrysene	228	11.518	11.531	-0.013	94	409410	2.00	2.33	
105 Di-n-octyl phthalate	149	12.359	12.367	-0.008	94	532479	2.00	2.31	
106 Benzo[b]fluoranthene	252	12.857	12.874	-0.017	95	339965	2.00	2.19	
107 Benzo[k]fluoranthene	252	12.895	12.912	-0.017	95	358352	2.00	2.17	M
108 Benzo[a]pyrene	252	13.298	13.314	-0.016	86	320551	2.00	2.19	
* 109 Perylene-d12	264	13.388	13.386	0.002	99	1095025	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.853	14.875	-0.022	96	280415	2.00	2.12	M
111 Dibenz(a,h)anthracene	278	14.891	14.913	-0.022	94	274332	2.00	2.17	
112 Benzo[g,h,i]perylene	276	15.258	15.284	-0.026	90	261798	2.00	1.96	
S 119 Total Cresols	1				0			4.44	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL4_00028 Amount Added: 1.00 Units: mL

Report Date: 12-Nov-2015 11:41:41 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966465.D

Injection Date: 11-Nov-2015 18:23:30 Instrument ID: CBNAMS6 Operator ID:

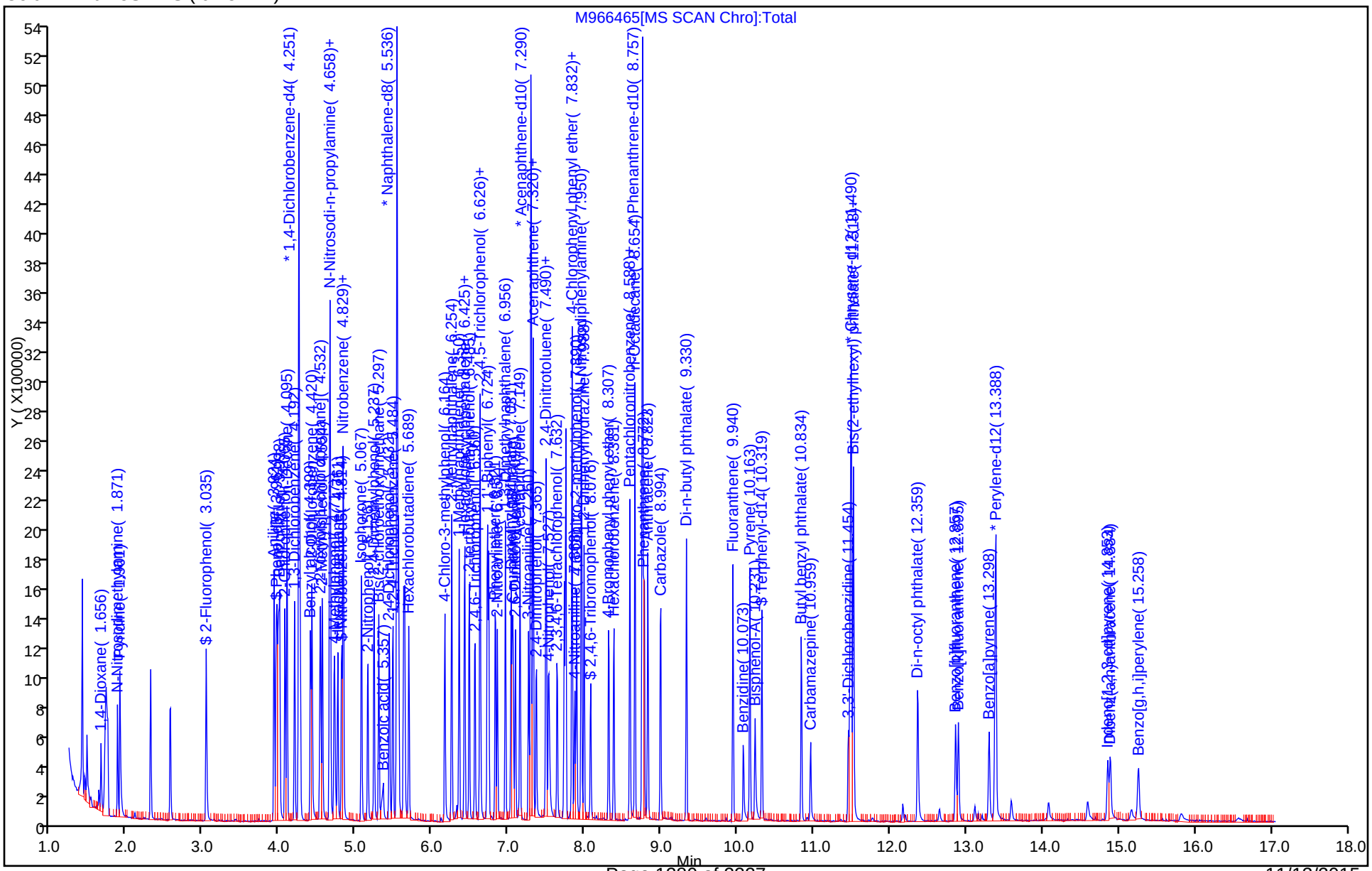
Lims ID: STD2 Worklist Smp#: 6

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8270LVI_R6 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966466.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 11-Nov-2015 18:44:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034125-007
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub31

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 11:41:33 Calib Date: 11-Nov-2015 19:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: bayoumiw Date: 11-Nov-2015 20:07:22

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.656	1.656	0.000	94	57903	1.00	1.04	
2 N-Nitrosodimethylamine	74	1.878	1.878	0.000	81	112854	1.00	1.05	
3 Pyridine	79	1.908	1.901	0.007	81	154881	1.00	1.03	
$ 4 2-Fluorophenol	112	3.041	3.026	0.015	91	134953	1.00	0.9517	
8 Aniline	93	3.924	3.934	-0.010	98	264227	1.00	1.11	
$ 6 Phenol-d5	99	3.953	3.949	0.004	35	185890	1.00	1.02	
7 Phenol	94	3.968	3.964	0.004	97	227411	1.00	1.18	
9 Bis(2-chloroethyl)ether	93	3.983	3.994	-0.011	75	184094	1.00	1.04	M
10 Benzonitrile	103	3.998	4.009	-0.011	83	302973	NC	NC	
11 2-Chlorophenol	128	4.071	4.069	0.002	89	145018	1.00	1.13	
12 n-Decane	43	4.094	4.099	-0.005	93	222411	1.00	1.26	
13 1,3-Dichlorobenzene	146	4.191	4.196	-0.005	87	149578	1.00	1.13	
* 14 1,4-Dichlorobenzene-d4	152	4.251	4.246	0.005	96	728728	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.266	4.271	-0.005	79	143658	1.00	1.14	
17 Benzyl alcohol	108	4.398	4.412	-0.014	85	100780	1.00	1.08	
18 1,2-Dichlorobenzene	146	4.420	4.427	-0.007	89	155724	1.00	1.28	
20 2,2'-oxybis[1-chloropropan	45	4.531	4.532	-0.001	91	355380	1.00	1.12	
19 2-Methylphenol	108	4.554	4.562	-0.008	85	154645	1.00	1.19	
23 N-Methylaniline	106	4.650	4.659	-0.009	67	231302	NC	NC	
24 Acetophenone	105	4.657	4.674	-0.017	80	211914	1.00	1.17	
25 N-Nitrosodi-n-propylamine	70	4.657	4.682	-0.025	89	138142	1.00	1.04	
26 3 & 4 Methylphenol	108	4.716	4.719	-0.003	31	155616	1.00	1.15	
21 4-Methylphenol	108	4.716	4.719	-0.003	91	152864	1.00	1.15	
27 Hexachloroethane	117	4.761	4.764	-0.003	87	70552	1.00	1.04	
$ 28 Nitrobenzene-d5	82	4.812	4.824	-0.012	91	175307	1.00	1.01	
29 Nitrobenzene	77	4.827	4.847	-0.020	86	278992	1.00	1.19	
30 n,n'-Dimethylaniline	120	4.834	4.847	-0.013	71	207038	1.00	1.15	
31 Isophorone	82	5.065	5.085	-0.020	95	372433	1.00	1.12	
32 2-Nitrophenol	139	5.154	5.160	-0.006	85	91947	1.00	1.13	
33 2,4-Dimethylphenol	122	5.236	5.242	-0.006	86	126340	1.00	1.19	
34 Bis(2-chloroethoxy)methane	93	5.295	5.309	-0.014	92	197599	1.00	1.16	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.332	5.421	-0.089	63	22934	1.00	1.00	
36 2,4-Dichlorophenol	162	5.437	5.436	0.001	90	113847	1.00	1.11	
37 1,2,4-Trichlorobenzene	180	5.482	5.486	-0.004	88	116774	1.00	1.07	
* 38 Naphthalene-d8	136	5.534	5.536	-0.002	97	2326379	8.00	8.00	
39 Naphthalene	128	5.556	5.566	-0.010	86	344393	1.00	1.14	
40 4-Chloroaniline	127	5.624	5.633	-0.009	88	163005	1.00	1.13	
41 Hexachlorobutadiene	225	5.691	5.693	-0.002	88	66667	1.00	1.11	
44 4-Chloro-3-methylphenol	107	6.168	6.160	0.008	90	127925	1.00	1.13	
45 2-Methylnaphthalene	142	6.250	6.256	-0.006	77	254123	1.00	0.7882	
46 1-Methylnaphthalene	142	6.354	6.353	0.001	80	218892	1.00	1.17	
47 Hexachlorocyclopentadiene	237	6.421	6.420	0.001	57	52596	1.00	0.9482	
48 1,2,4,5-Tetrachlorobenzene	216	6.421	6.435	-0.014	87	117700	1.00	1.13	
49 2-tertbutyl-4-methylphenol	149	6.481	6.487	-0.006	85	174094	1.00	1.23	
50 2,4,6-Trichlorophenol	196	6.556	6.560	-0.004	81	76018	1.00	1.03	
51 2,4,5-Trichlorophenol	196	6.631	6.626	0.005	89	78424	1.00	1.12	
$ 52 2-Fluorobiphenyl	172	6.623	6.634	-0.011	96	249856	1.00	1.05	
53 1,1'-Biphenyl	154	6.720	6.731	-0.011	97	302311	1.00	1.23	
54 2-Chloronaphthalene	162	6.735	6.746	-0.011	95	223950	1.00	1.18	
55 Phenyl ether	170	6.823	6.827	-0.004	88	155190	1.00	1.15	
57 2-Nitroaniline	65	6.853	6.858	-0.005	62	104496	1.00	1.12	
58 1,3-Dimethylnaphthalene	156	6.957	6.963	-0.006	88	189159	1.00	1.17	
59 Dimethyl phthalate	163	7.032	7.046	-0.014	97	268517	1.00	1.22	
60 Coumarin	146	7.046	7.060	-0.014	75	93448	1.00	0.7799	
61 2,6-Dinitrotoluene	165	7.083	7.098	-0.015	47	67179	1.00	1.09	
62 Acenaphthylene	152	7.143	7.157	-0.014	95	364776	1.00	1.19	
63 3-Nitroaniline	138	7.262	7.275	-0.013	92	77534	1.00	1.13	
* 64 Acenaphthene-d10	164	7.292	7.293	-0.001	92	1207542	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.314	7.328	-0.014	71	160755	1.00	1.22	
66 Acenaphthene	154	7.322	7.328	-0.006	81	203200	1.00	0.7169	
67 2,4-Dinitrophenol	184	7.360	7.373	-0.013	89	52472	2.00	1.47	
70 2,4-Dinitrotoluene	165	7.484	7.493	-0.009	81	85906	1.00	1.19	
71 Dibenzofuran	168	7.492	7.501	-0.009	89	319996	1.00	1.20	
69 4-Nitrophenol	65	7.529	7.516	0.013	85	122477	2.00	2.23	
72 2,3,4,6-Tetrachlorophenol	232	7.632	7.637	-0.005	86	64272	1.00	1.06	
73 Diethyl phthalate	149	7.729	7.739	-0.010	97	288025	1.00	1.36	
74 4-Chlorophenyl phenyl ethe	204	7.834	7.835	-0.001	74	111554	1.00	1.18	
75 Fluorene	166	7.826	7.835	-0.009	77	240612	1.00	1.31	
76 4-Nitroaniline	138	7.864	7.895	-0.031	61	64105	1.00	1.11	
77 4,6-Dinitro-2-methylphenol	198	7.886	7.910	-0.024	71	86144	2.00	1.97	
78 N-Nitrosodiphenylamine	169	7.954	7.970	-0.016	67	362156	1.70	1.91	
79 1,2-Diphenylhydrazine	77	7.984	8.000	-0.016	89	353980	1.00	1.17	
$ 80 2,4,6-Tribromophenol	330	8.073	8.083	-0.010	95	45804	1.00	1.03	
81 4-Bromophenyl phenyl ether	248	8.311	8.321	-0.010	80	70185	1.00	1.06	
82 Hexachlorobenzene	284	8.378	8.389	-0.011	91	83716	1.00	1.06	
85 Pentachloronitrobenzene	237	8.591	8.589	0.002	62	27001	1.00	1.02	
84 Pentachlorophenol	266	8.591	8.596	-0.005	88	56400	2.00	1.64	
86 n-Octadecane	57	8.657	8.662	-0.005	95	269050	1.00	0.8621	
* 87 Phenanthrene-d10	188	8.754	8.750	0.004	98	2023077	8.00	8.00	
88 Phenanthrene	178	8.777	8.782	-0.005	75	306305	1.00	1.18	
89 Anthracene	178	8.822	8.835	-0.013	96	306723	1.00	1.17	
90 Carbazole	167	8.986	9.000	-0.014	82	316206	1.00	1.20	
91 Di-n-butyl phthalate	149	9.328	9.337	-0.009	98	411381	1.00	0.7878	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	9.939	9.949	-0.010	97	304195	1.00	1.15	
93 Benzidine	184	10.073	10.084	-0.011	98	96403	1.00	0.7385	
94 Pyrene	202	10.162	10.167	-0.005	96	308904	1.00	1.13	
95 Bisphenol-A	213	10.230	10.234	-0.004	0	100995	1.00	0.9127	
$ 96 Terphenyl-d14	244	10.320	10.322	-0.002	97	189866	1.00	0.9550	
97 Butyl benzyl phthalate	149	10.834	10.841	-0.007	95	148914	1.00	1.06	
99 Carbamazepine	193	10.959	10.973	-0.014	79	73597	1.00	0.8930	
100 3,3'-Dichlorobenzidine	252	11.450	11.462	-0.012	98	71769	1.00	0.8913	
101 Benzo[a]anthracene	228	11.473	11.483	-0.010	88	212869	1.00	0.9804	
* 102 Chrysene-d12	240	11.494	11.487	0.007	99	1455391	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.516	11.524	-0.008	77	172249	1.00	1.04	
104 Chrysene	228	11.516	11.531	-0.015	95	196105	1.00	1.06	
105 Di-n-octyl phthalate	149	12.363	12.367	-0.004	93	260508	1.00	1.10	
106 Benzo[b]fluoranthene	252	12.860	12.874	-0.014	94	148119	1.00	0.9298	
107 Benzo[k]fluoranthene	252	12.890	12.912	-0.022	93	173197	1.00	1.02	
108 Benzo[a]pyrene	252	13.297	13.314	-0.017	95	145365	1.00	0.9646	
* 109 Perylene-d12	264	13.387	13.386	0.001	99	1126160	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.847	14.875	-0.028	85	132020	1.00	0.9726	M
111 Dibenz(a,h)anthracene	278	14.883	14.913	-0.030	92	121862	1.00	0.9372	
112 Benzo[g,h,i]perylene	276	15.248	15.284	-0.036	77	125799	1.00	0.9165	
S 119 Total Cresols	1				0			2.34	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL3_00022 Amount Added: 1.00 Units: mL

Report Date: 12-Nov-2015 11:41:35 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966466.D

Injection Date: 11-Nov-2015 18:44:30 Instrument ID: CBNAMS6 Operator ID:

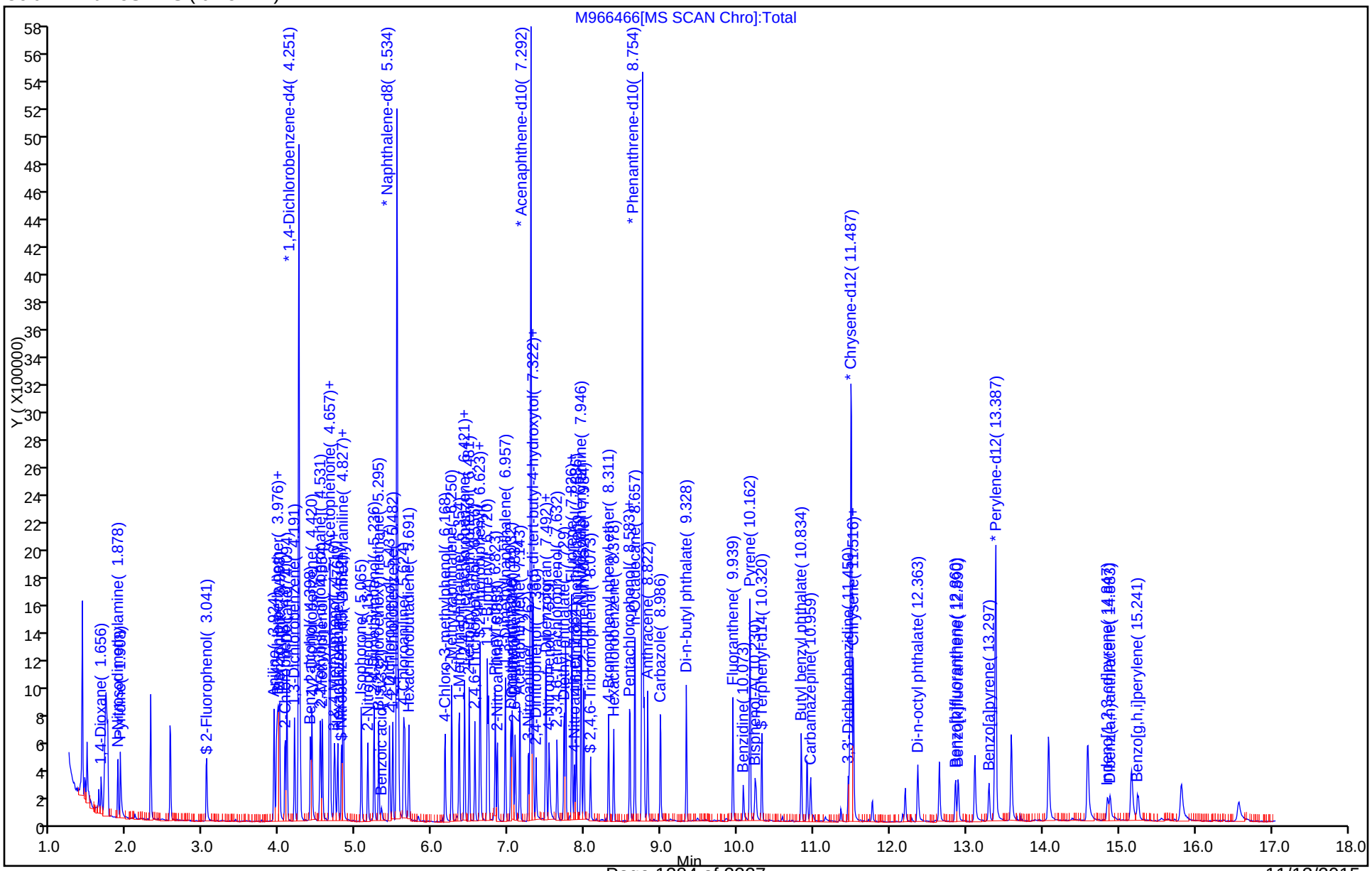
Lims ID: STD1 Worklist Smp#: 7

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8270LVI_R6 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966467.D
Lims ID: STD02
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 11-Nov-2015 19:05:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034125-008
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub31

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 11:41:27 Calib Date: 11-Nov-2015 19:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: bayoumiw Date: 11-Nov-2015 20:09:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.046	3.026	0.020	83	27867	0.2000	0.2117	
$ 6 Phenol-d5	99	3.966	3.949	0.017	59	41396	0.2000	0.2444	
9 Bis(2-chloroethyl)ether	93	3.981	3.994	-0.013	72	39522	0.2000	0.2410	M
* 14 1,4-Dichlorobenzene-d4	152	4.249	4.246	0.003	96	676578	8.00	8.00	
25 N-Nitrosodi-n-propylamine	70	4.660	4.682	-0.022	92	29943	0.2000	0.2435	
27 Hexachloroethane	117	4.757	4.764	-0.007	81	15124	0.2000	0.2408	
$ 28 Nitrobenzene-d5	82	4.808	4.824	-0.016	91	38875	0.2000	0.2293	
29 Nitrobenzene	77	4.831	4.847	-0.016	86	55457	0.2000	0.2387	
30 n,n'-Dimethylaniline	120	4.831	4.847	-0.016	72	38916	0.2000	0.2277	
31 Isophorone	82	5.069	5.085	-0.016	94	72148	0.2000	0.2237	
37 1,2,4-Trichlorobenzene	180	5.479	5.486	-0.007	85	23043	0.2000	0.2162	
* 38 Naphthalene-d8	136	5.531	5.536	-0.005	97	2266519	8.00	8.00	
41 Hexachlorobutadiene	225	5.688	5.693	-0.005	81	12086	0.2000	0.2057	
50 2,4,6-Trichlorophenol	196	6.559	6.560	-0.001	84	15238	0.2000	0.2143	
$ 52 2-Fluorobiphenyl	172	6.618	6.634	-0.016	95	55598	0.2000	0.2421	
61 2,6-Dinitrotoluene	165	7.087	7.098	-0.011	44	13305	0.2000	0.2228	
* 64 Acenaphthene-d10	164	7.288	7.293	-0.005	94	1168205	8.00	8.00	
70 2,4-Dinitrotoluene	165	7.487	7.493	-0.006	62	15407	0.2000	0.2202	
77 4,6-Dinitro-2-methylphenol	198	7.883	7.910	-0.027	51	14196	0.4000	0.3223	
78 N-Nitrosodiphenylamine	169	7.950	7.970	-0.020	65	77290	0.3400	0.4033	
$ 80 2,4,6-Tribromophenol	330	8.070	8.083	-0.013	67	8686	0.2000	0.2021	
82 Hexachlorobenzene	284	8.373	8.389	-0.016	85	17411	0.2000	0.2187	
* 87 Phenanthrene-d10	188	8.751	8.750	0.001	98	2041574	8.00	8.00	
$ 96 Terphenyl-d14	244	10.321	10.322	-0.001	91	43073	0.2000	0.2231	
100 3,3'-Dichlorobenzidine	252	11.449	11.462	-0.013	49	12569	0.2000	0.1607	
101 Benzo[a]anthracene	228	11.471	11.483	-0.012	45	46727	0.2000	0.2216	
* 102 Chrysene-d12	240	11.486	11.487	-0.001	99	1413321	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.516	11.524	-0.008	52	33919	0.2000	0.2118	
104 Chrysene	228	11.516	11.531	-0.015	79	39643	0.2000	0.2213	
106 Benzo[b]fluoranthene	252	12.859	12.874	-0.015	92	30350	0.2000	0.1995	
107 Benzo[k]fluoranthene	252	12.889	12.912	-0.023	75	36836	0.2000	0.2268	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
108 Benzo[a]pyrene	252	13.292	13.314	-0.022	91	29817	0.2000	0.2072	
* 109 Perylene-d12	264	13.382	13.386	-0.004	99	1075367	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.853	14.875	-0.022	90	22399	0.2000	0.1728	M
111 Dibenz(a,h)anthracene	278	14.883	14.913	-0.030	43	23375	0.2000	0.1883	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL2_00019 Amount Added: 1.00 Units: mL

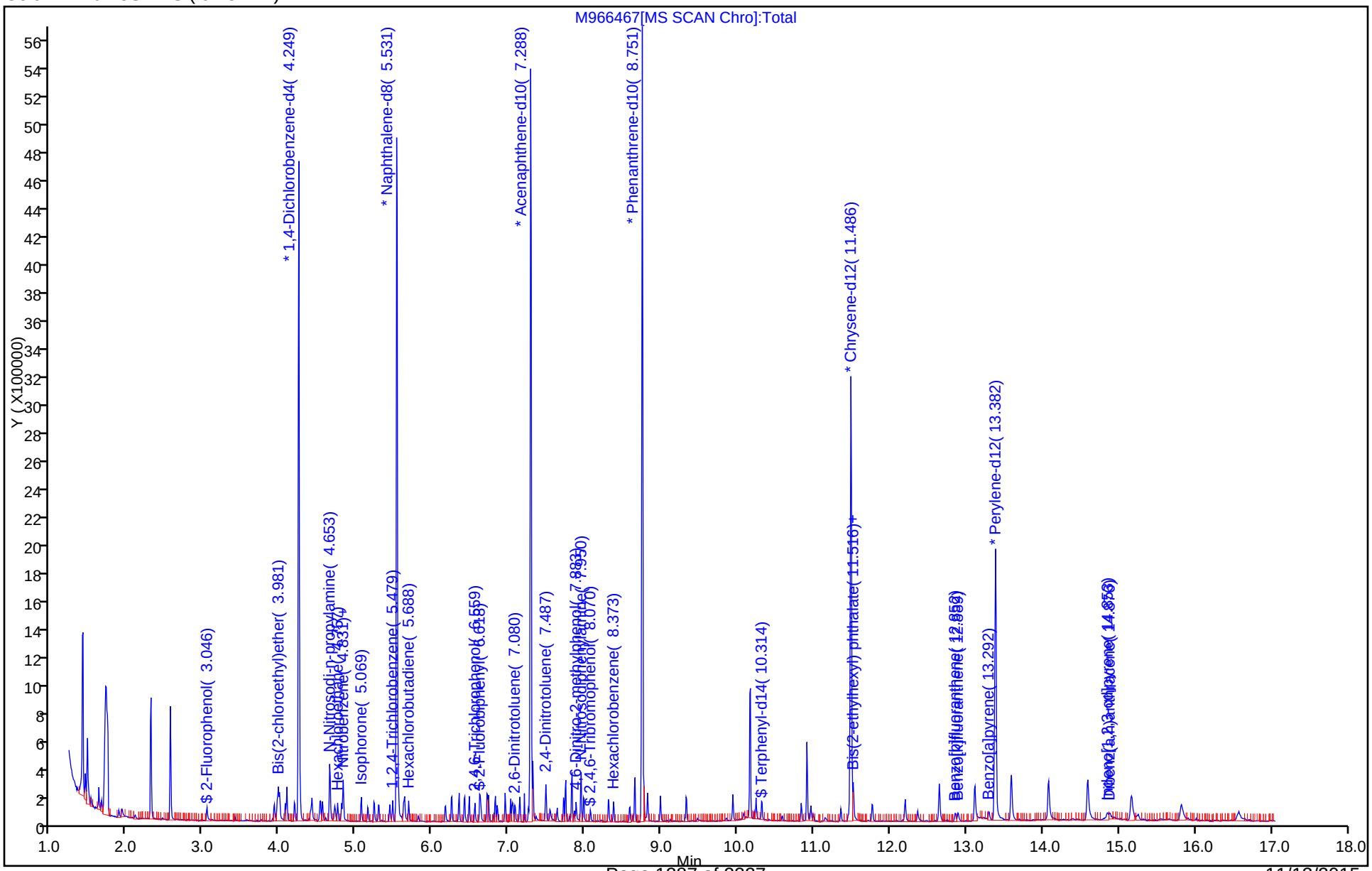
Report Date: 12-Nov-2015 11:41:29 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966467.D

Injection Date:	11-Nov-2015 19:05:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	STD02			Worklist Smp#:	8
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D
Lims ID: STD01
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 11-Nov-2015 19:26:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034125-009
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub31

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 11:41:21 Calib Date: 11-Nov-2015 19:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: bayoumiw Date: 11-Nov-2015 20:10:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
9 Bis(2-chloroethyl)ether	93	3.986	3.994	-0.008	75	21727	0.1000	0.1261	M
* 14 1,4-Dichlorobenzene-d4	152	4.246	4.246	0.000	95	710690	8.00	8.00	
25 N-Nitrosodi-n-propylamine	70	4.661	4.682	-0.021	84	15275	0.1000	0.1182	
27 Hexachloroethane	117	4.757	4.764	-0.007	75	8299	0.1000	0.1258	
$ 28 Nitrobenzene-d5	82	4.809	4.824	-0.015	80	18903	0.1000	0.1076	
29 Nitrobenzene	77	4.831	4.847	-0.016	81	31113	0.1000	0.1290	
30 n,n'-Dimethylaniline	120	4.831	4.847	-0.016	69	22152	0.1000	0.1231	
37 1,2,4-Trichlorobenzene	180	5.478	5.486	-0.008	78	12288	0.1000	0.1113	
* 38 Naphthalene-d8	136	5.537	5.536	0.001	98	2347755	8.00	8.00	
41 Hexachlorobutadiene	225	5.693	5.693	0.000	74	6266	0.1000	0.1029	
$ 52 2-Fluorobiphenyl	172	6.619	6.634	-0.015	91	29204	0.1000	0.1210	
* 64 Acenaphthene-d10	164	7.293	7.293	0.000	96	1227980	8.00	8.00	
82 Hexachlorobenzene	284	8.379	8.389	-0.010	68	8110	0.1000	0.0987	
* 87 Phenanthrene-d10	188	8.751	8.750	0.001	98	2106873	8.00	8.00	
$ 96 Terphenyl-d14	244	10.315	10.322	-0.007	84	23658	0.1000	0.1204	
101 Benzo[a]anthracene	228	11.472	11.483	-0.011	39	26440	0.1000	0.1232	
* 102 Chrysene-d12	240	11.486	11.487	-0.001	99	1438484	8.00	8.00	
106 Benzo[b]fluoranthene	252	12.854	12.874	-0.020	86	17148	0.1000	0.1053	
107 Benzo[k]fluoranthene	252	12.891	12.912	-0.021	76	20626	0.1000	0.1187	
108 Benzo[a]pyrene	252	13.292	13.314	-0.022	67	16264	0.1000	0.1056	
* 109 Perylene-d12	264	13.382	13.386	-0.004	99	1150753	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.853	14.875	-0.022	69	11586	0.1000	0.0835	M
111 Dibenz(a,h)anthracene	278	14.883	14.913	-0.030	36	11631	0.1000	0.0875	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL1_00018 Amount Added: 1.00 Units: mL

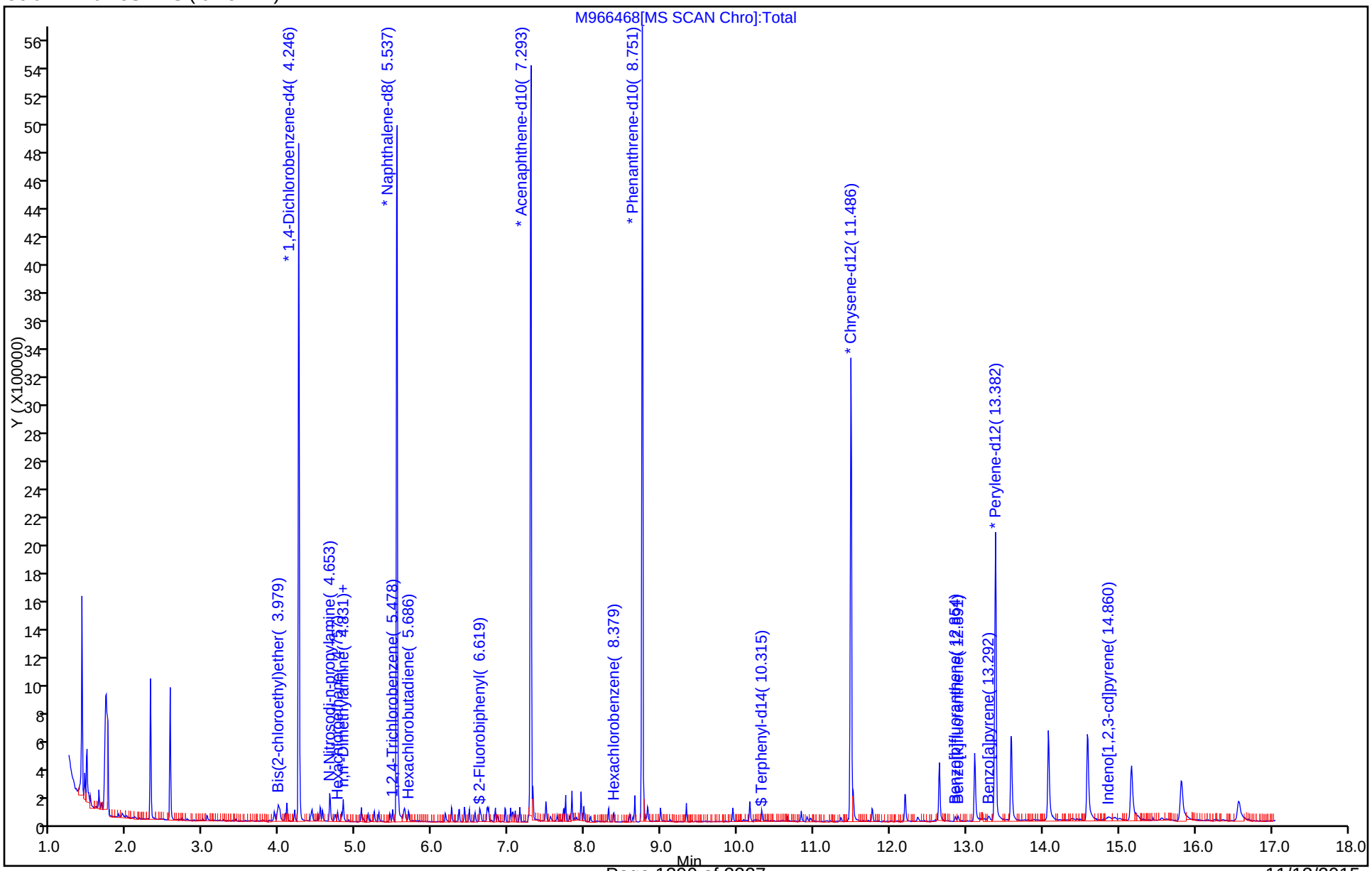
Report Date: 12-Nov-2015 11:41:23 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Injection Date:	11-Nov-2015 19:26:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	STD01			Worklist Smp#:	9
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334543/2 Calibration Date: 11/11/2015 02:38

Instrument ID: CBNAMS11 Calib Start Date: 11/02/2015 15:12

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 11/02/2015 18:27

Lab File ID: z38472.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5826	0.5839	0.0100	50100	50000	0.2	20.0
N-Nitrosodimethylamine	Ave	0.8709	0.8242		47300	50000	-5.4	20.0
Pyridine	Ave	1.481	1.410		47600	50000	-4.8	20.0
Aniline	Ave	2.065	1.928		46700	50000	-6.6	20.0
Phenol	Ave	1.736	1.659	0.8000	47800	50000	-4.4	20.0
Bis(2-chloroethyl)ether	Ave	1.382	1.277	0.7000	46200	50000	-7.6	20.0
2-Chlorophenol	Ave	1.363	1.318	0.8000	48400	50000	-3.3	20.0
n-Decane	Ave	2.097	2.197	0.0100	52400	50000	4.8	20.0
1,3-Dichlorobenzene	Ave	1.574	1.538		48900	50000	-2.3	20.0
1,4-Dichlorobenzene	Ave	1.589	1.570		49400	50000	-1.1	20.0
Benzyl alcohol	Ave	0.8198	0.7678	0.0100	46800	50000	-6.3	20.0
1,2-Dichlorobenzene	Ave	1.488	1.440		48400	50000	-3.2	20.0
2-Methylphenol	Ave	1.168	1.072	0.7000	45900	50000	-8.3	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.574	2.461	0.0100	47800	50000	-4.4	20.0
Acetophenone	Ave	1.604	1.438	0.0100	44800	50000	-10.3	20.0
N-Nitrosodi-n-propylamine	Ave	0.9195	0.7877	0.5000	42800	50000	-14.3	20.0
3 & 4 Methylphenol	Ave	1.278	1.087		42500	50000	-14.9	20.0
4-Methylphenol	Ave	1.278	1.087	0.6000	42500	50000	-14.9	20.0
Hexachloroethane	Ave	0.5721	0.5574	0.3000	48700	50000	-2.6	20.0
n,n'-Dimethylaniline	Ave	1.936	1.834	0.0100	47400	50000	-5.3	20.0
Nitrobenzene	Ave	0.5008	0.4925	0.2000	49200	50000	-1.7	20.0
Isophorone	Ave	0.5949	0.5691	0.4000	47800	50000	-4.3	20.0
2-Nitrophenol	Ave	0.1989	0.1919	0.1000	48200	50000	-3.6	20.0
2,4-Dimethylphenol	Ave	0.3086	0.2960	0.2000	48000	50000	-4.1	20.0
Bis(2-chloroethoxy)methane	Ave	0.3928	0.3825	0.3000	48700	50000	-2.6	20.0
Benzoic acid	Lin2		0.0926		30100	50000	-39.8*	20.0
2,4-Dichlorophenol	Ave	0.2892	0.2777	0.2000	48000	50000	-4.0	20.0
1,2,4-Trichlorobenzene	Ave	0.3176	0.3125		49200	50000	-1.6	20.0
Naphthalene	Ave	1.011	0.9865	0.7000	48800	50000	-2.5	20.0
4-Chloroaniline	Ave	0.3967	0.3753	0.0100	47300	50000	-5.4	20.0
Hexachlorobutadiene	Ave	0.1795	0.1827	0.0100	50900	50000	1.7	20.0
4-Chloro-3-methylphenol	Ave	0.2486	0.2366		47600	50000	-4.8	20.0
2-Methylnaphthalene	Ave	0.6855	0.6588	0.4000	48100	50000	-3.9	20.0
1-Methylnaphthalene	Ave	0.5873	0.5590	0.0100	47600	50000	-4.8	20.0
Hexachlorocyclopentadiene	Ave	0.4401	0.4132	0.0500	46900	50000	-6.1	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6758	0.6718	0.0100	49700	50000	-0.6	20.0
2-tertbutyl-4-methylphenol	Ave	0.4304	0.4299	0.0100	49900	50000	-0.1	20.0
2,4,6-Trichlorophenol	Ave	0.4200	0.4131	0.2000	49200	50000	-1.6	20.0
2,4,5-Trichlorophenol	Ave	0.4357	0.4272	0.2000	49000	50000	-2.0	20.0
Diphenyl	Ave	1.849	1.840	0.0100	49800	50000	-0.5	20.0
2-Chloronaphthalene	Ave	1.370	1.356	0.8000	49500	50000	-1.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334543/2 Calibration Date: 11/11/2015 02:38

Instrument ID: CBNAMS11 Calib Start Date: 11/02/2015 15:12

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 11/02/2015 18:27

Lab File ID: z38472.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.9517	0.9693	0.0100	50900	50000	1.9	20.0
2-Nitroaniline	Ave	0.4639	0.4154	0.0100	44800	50000	-10.5	20.0
1,3-Dimethylnaphthalene	Ave	1.159	1.199	0.0100	51700	50000	3.4	20.0
Dimethyl phthalate	Ave	1.243	1.214	0.0100	48800	50000	-2.3	20.0
Coumarin	Ave	0.1635	0.1554	0.0100	47500	50000	-5.0	20.0
2,6-Dinitrotoluene	Ave	0.2986	0.3013	0.2000	50400	50000	0.9	20.0
Acenaphthylene	Ave	2.054	2.033	0.9000	49500	50000	-1.0	20.0
3-Nitroaniline	Ave	0.3144	0.3009	0.0100	47900	50000	-4.3	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.249	1.260	0.0100	50400	50000	0.9	20.0
Acenaphthene	Ave	1.259	1.231	0.9000	48900	50000	-2.2	20.0
2,4-Dinitrophenol	Lin2		0.1326	0.0100	86700	100000	-13.3	20.0
4-Nitrophenol	Ave	0.2001	0.1906	0.0100	95200	100000	-4.8	20.0
2,4-Dinitrotoluene	Lin2		0.3451	0.2000	50400	50000	0.7	20.0
Dibenzofuran	Ave	1.760	1.730	0.8000	49100	50000	-1.7	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3194	0.3114	0.0100	48700	50000	-2.5	20.0
Diethyl phthalate	Ave	1.106	1.109	0.0100	50200	50000	0.3	20.0
4-Chlorophenyl phenyl ether	Ave	0.6173	0.6101	0.4000	49400	50000	-1.2	20.0
Fluorene	Ave	1.366	1.348	0.9000	49300	50000	-1.3	20.0
4-Nitroaniline	Ave	0.2622	0.2348	0.0100	44800	50000	-10.5	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1279	0.0100	93600	100000	-6.4	20.0
N-Nitrosodiphenylamine	Ave	0.6860	0.6779	0.0100	98800	100000	-1.2	20.0
1,2-Diphenylhydrazine	Ave	0.9373	0.9251	0.0100	49300	50000	-1.3	20.0
4-Bromophenyl phenyl ether	Ave	0.2698	0.2617	0.1000	48500	50000	-3.0	20.0
Hexachlorobenzene	Ave	0.2715	0.2755	0.1000	50700	50000	1.5	20.0
Pentachlorophenol	Lin2		0.1322	0.0500	88200	100000	-11.8	20.0
Pentachloronitrobenzene	Ave	0.0901	0.0954	0.0100	52900	50000	5.9	20.0
n-Octadecane	Ave	1.019	1.040	0.0100	51100	50000	2.1	20.0
Phenanthrene	Ave	1.178	1.157	0.7000	49100	50000	-1.8	20.0
Anthracene	Ave	1.187	1.166	0.7000	49100	50000	-1.7	20.0
Carbazole	Ave	0.9339	0.9066	0.0100	48500	50000	-2.9	20.0
Di-n-butyl phthalate	Ave	1.089	1.100	0.0100	50500	50000	0.9	20.0
Fluoranthene	Ave	0.9290	0.9141	0.6000	49200	50000	-1.6	20.0
Benzidine	Ave	0.4236	0.3046		35900	50000	-28.1*	20.0
Pyrene	Ave	1.718	1.748	0.6000	50900	50000	1.7	20.0
Bisphenol-A	Ave	0.4975	0.4961		49900	50000	-0.3	20.0
Butyl benzyl phthalate	Ave	0.6195	0.6284	0.0100	50700	50000	1.4	20.0
2,3,7,8-TCDD	Ave	0.1626	0.1500	0.0100	461	500	-7.8	20.0
Carbamazepine	Lin2		0.3826	0.0100	51200	50000	2.4	20.0
3,3'-Dichlorobenzidine	Ave	0.3963	0.3961	0.0100	50000	50000	-0.0	20.0
Benzo[a]anthracene	Ave	1.235	1.188	0.8000	48100	50000	-3.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334543/2 Calibration Date: 11/11/2015 02:38

Instrument ID: CBNAMS11 Calib Start Date: 11/02/2015 15:12

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 11/02/2015 18:27

Lab File ID: z38472.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chrysene	Ave	1.071	1.085	0.7000	50600	50000	1.3	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8564	0.8817	0.0100	51500	50000	2.9	20.0
Di-n-octyl phthalate	Ave	1.813	1.731	0.0100	47700	50000	-4.5	20.0
Benzo[b]fluoranthene	Ave	1.271	1.291	0.7000	50800	50000	1.6	20.0
Benzo[k]fluoranthene	Ave	1.311	1.254	0.7000	47800	50000	-4.4	20.0
Benzo[a]pyrene	Ave	1.132	1.151	0.7000	50800	50000	1.7	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.8616	0.997	0.5000	57800	50000	15.7	20.0
Dibenz(a,h)anthracene	Ave	0.8590	0.9871	0.4000	57500	50000	14.9	20.0
Benzo[g,h,i]perylene	Ave	0.8746	1.004	0.5000	57400	50000	14.8	20.0
2-Fluorophenol	Ave	1.297	1.344	0.0100	51800	50000	3.6	20.0
Phenol-d5	Ave	1.607	1.533	0.0100	47700	50000	-4.6	20.0
Nitrobenzene-d5	Ave	0.3665	0.3721	0.0100	50800	50000	1.5	20.0
2-Fluorobiphenyl	Ave	1.650	1.694	0.0100	51300	50000	2.7	20.0
2,4,6-Tribromophenol	Ave	0.1828	0.1848	0.0100	50600	50000	1.1	20.0
Terphenyl-d14	Ave	1.231	1.247	0.0100	50700	50000	1.3	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151111-34084.b\z38472.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 11-Nov-2015 02:38:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034084-002
Misc. Info.: ccvis
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151111-34084.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 13:06:02 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK015

First Level Reviewer: asfawa Date: 11-Nov-2015 03:03:35

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.526	1.526	0.000	89	93048	50.0	50.1	
	2 N-Nitrosodimethylamine	74	1.756	1.756	0.000	81	131345	50.0	47.3	
	3 Pyridine	79	1.779	1.779	0.000	76	224644	50.0	47.6	
$	4 2-Fluorophenol	112	2.885	2.885	0.000	90	214241	50.0	51.8	
$	6 Phenol-d5	99	3.820	3.820	0.000	91	244373	50.0	47.7	
	7 Phenol	94	3.838	3.838	0.000	85	264370	50.0	47.8	
	8 Aniline	93	3.838	3.838	0.000	86	307307	50.0	46.7	
	9 Bis(2-chloroethyl)ether	93	3.903	3.903	0.000	91	203480	50.0	46.2	
	10 Benzonitrile	103	3.950	3.950	0.000	0	626	NC	NC	
	11 2-Chlorophenol	128	3.961	3.961	0.000	93	210053	50.0	48.4	
	12 n-Decane	43	4.014	4.014	0.000	90	350136	50.0	52.4	
	13 1,3-Dichlorobenzene	146	4.108	4.108	0.000	96	245099	50.0	48.9	
*	14 1,4-Dichlorobenzene-d4	152	4.167	4.167	0.000	96	127490	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.185	4.185	0.000	94	250251	50.0	49.4	
	16 Benzyl alcohol	108	4.314	4.314	0.000	93	122357	50.0	46.8	
	17 1,2-Dichlorobenzene	146	4.338	4.338	0.000	96	229426	50.0	48.4	
	18 2-Methylphenol	108	4.438	4.438	0.000	91	170771	50.0	45.9	
	19 2,2'-oxybis[1-chloropropan	45	4.450	4.450	0.000	94	392236	50.0	47.8	
	20 N-Methylaniline	106	4.567	4.567	0.000	0	286460	NC	NC	
	22 Acetophenone	105	4.585	4.585	0.000	97	229217	50.0	44.8	
	21 N-Nitrosodi-n-propylamine	70	4.591	4.591	0.000	94	125531	50.0	42.8	
	23 3 & 4 Methylphenol	108	4.602	4.602	0.000	89	173292	50.0	42.5	
	24 4-Methylphenol	108	4.602	4.602	0.000	92	173292	50.0	42.5	
	25 Hexachloroethane	117	4.679	4.679	0.000	96	88829	50.0	48.7	
$	26 Nitrobenzene-d5	82	4.732	4.732	0.000	93	193991	50.0	50.8	
	27 Nitrobenzene	77	4.755	4.755	0.000	87	256768	50.0	49.2	
	28 n,n'-Dimethylaniline	120	4.755	4.755	0.000	95	292291	50.0	47.4	
	31 Isophorone	82	4.997	4.997	0.000	98	296690	50.0	47.8	
	32 2-Nitrophenol	139	5.073	5.073	0.000	92	100035	50.0	48.2	
	33 2,4-Dimethylphenol	122	5.132	5.132	0.000	92	154337	50.0	48.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.214	5.214	0.000	95	199440	50.0	48.7	
35 Benzoic acid	122	5.273	5.273	0.000	92	48255	50.0	30.1	
36 2,4-Dichlorophenol	162	5.326	5.326	0.000	96	144769	50.0	48.0	
37 1,2,4-Trichlorobenzene	180	5.402	5.402	0.000	95	162899	50.0	49.2	
* 38 Naphthalene-d8	136	5.455	5.455	0.000	99	417090	40.0	40.0	
39 Naphthalene	128	5.479	5.479	0.000	99	514331	50.0	48.8	
40 4-Chloroaniline	127	5.538	5.538	0.000	96	195649	50.0	47.3	
41 Hexachlorobutadiene	225	5.608	5.608	0.000	96	95242	50.0	50.9	
43 4-Chloro-3-methylphenol	107	6.044	6.044	0.000	97	123329	50.0	47.6	
44 2-Methylnaphthalene	142	6.173	6.173	0.000	86	343480	50.0	48.1	
45 1-Methylnaphthalene	142	6.273	6.273	0.000	93	291450	50.0	47.6	
46 Hexachlorocyclopentadiene	237	6.344	6.344	0.000	97	84104	50.0	46.9	
47 1,2,4,5-Tetrachlorobenzene	216	6.349	6.349	0.000	96	136740	50.0	49.7	
48 2-tertbutyl-4-methylphenol	149	6.391	6.391	0.000	93	224153	50.0	49.9	
49 2,4,6-Trichlorophenol	196	6.467	6.467	0.000	89	84088	50.0	49.2	
50 2,4,5-Trichlorophenol	196	6.502	6.502	0.000	96	86955	50.0	49.0	
$ 51 2-Fluorobiphenyl	172	6.549	6.549	0.000	98	344745	50.0	51.3	
52 1,1'-Biphenyl	154	6.644	6.644	0.000	95	374626	50.0	49.8	
53 2-Chloronaphthalene	162	6.661	6.661	0.000	99	275989	50.0	49.5	
54 Phenyl ether	170	6.749	6.749	0.000	87	197308	50.0	50.9	
55 2-Nitroaniline	65	6.767	6.767	0.000	97	84558	50.0	44.8	
57 1,3-Dimethylnaphthalene	156	6.885	6.885	0.000	93	244063	50.0	51.7	
58 Dimethyl phthalate	163	6.961	6.961	0.000	99	247049	50.0	48.8	
59 Coumarin	146	6.973	6.973	0.000	82	80992	50.0	47.5	
60 2,6-Dinitrotoluene	165	7.014	7.014	0.000	94	61319	50.0	50.4	
63 Acenaphthylene	152	7.073	7.073	0.000	98	413862	50.0	49.5	
64 3-Nitroaniline	138	7.179	7.179	0.000	92	61249	50.0	47.9	
* 65 Acenaphthene-d10	164	7.214	7.214	0.000	97	162839	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.249	7.249	0.000	98	256474	50.0	50.4	
67 Acenaphthene	154	7.249	7.249	0.000	95	250666	50.0	48.9	
68 2,4-Dinitrophenol	184	7.291	7.291	0.000	94	53960	100.0	86.7	
69 4-Nitrophenol	65	7.373	7.373	0.000	93	77574	100.0	95.2	
70 2,4-Dinitrotoluene	165	7.414	7.414	0.000	95	70235	50.0	50.4	
71 Dibenzofuran	168	7.420	7.420	0.000	96	352038	50.0	49.1	
72 2,3,4,6-Tetrachlorophenol	232	7.549	7.549	0.000	95	63382	50.0	48.7	
73 Diethyl phthalate	149	7.661	7.661	0.000	99	225815	50.0	50.2	
75 4-Chlorophenyl phenyl ethe	204	7.761	7.761	0.000	77	124188	50.0	49.4	
74 Fluorene	166	7.761	7.761	0.000	95	274283	50.0	49.3	
76 4-Nitroaniline	138	7.790	7.790	0.000	94	47790	50.0	44.8	
77 4,6-Dinitro-2-methylphenol	198	7.826	7.826	0.000	83	69290	100.0	93.6	
78 N-Nitrosodiphenylamine	169	7.885	7.885	0.000	66	367237	100.0	98.8	
79 1,2-Diphenylhydrazine	77	7.920	7.920	0.000	98	250556	50.0	49.3	
$ 80 2,4,6-Tribromophenol	330	8.002	8.002	0.000	95	37623	50.0	50.6	
81 4-Bromophenyl phenyl ether	248	8.243	8.243	0.000	93	70871	50.0	48.5	
82 Hexachlorobenzene	284	8.314	8.314	0.000	97	74611	50.0	50.7	
84 Pentachlorophenol	266	8.508	8.508	0.000	95	71629	100.0	88.2	
85 Pentachloronitrobenzene	237	8.520	8.520	0.000	89	25828	50.0	52.9	
86 n-Octadecane	57	8.590	8.590	0.000	88	281780	50.0	51.1	
* 87 Phenanthrene-d10	188	8.685	8.685	0.000	99	216677	40.0	40.0	
88 Phenanthrene	178	8.708	8.708	0.000	98	313399	50.0	49.1	
89 Anthracene	178	8.755	8.755	0.000	98	315909	50.0	49.1	
90 Carbazole	167	8.914	8.914	0.000	96	245555	50.0	48.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
91 Di-n-butyl phthalate	149	9.267	9.267	0.000	100	297822	50.0	50.5	
92 Fluoranthene	202	9.879	9.879	0.000	98	247579	50.0	49.2	
93 Benzidine	184	10.008	10.008	0.000	100	82485	50.0	35.9	
94 Pyrene	202	10.102	10.102	0.000	97	248257	50.0	50.9	
95 Bisphenol-A	213	10.155	10.155	0.000	99	70464	50.0	49.9	
$ 96 Terphenyl-d14	244	10.261	10.261	0.000	99	177086	50.0	50.7	
97 Butyl benzyl phthalate	149	10.779	10.779	0.000	98	89259	50.0	50.7	
98 2,3,7,8-TCDD	320	10.890	10.890	0.000	1	213	0.5000	0.4611	
99 Carbamazepine	193	10.896	10.896	0.000	92	54340	50.0	51.2	
100 3,3'-Dichlorobenzidine	252	11.390	11.390	0.000	100	56260	50.0	50.0	
101 Benzo[a]anthracene	228	11.420	11.420	0.000	99	168684	50.0	48.1	
* 102 Chrysene-d12	240	11.431	11.431	0.000	99	113632	40.0	40.0	
103 Chrysene	228	11.461	11.461	0.000	99	154074	50.0	50.6	
104 Bis(2-ethylhexyl) phthalat	149	11.467	11.467	0.000	92	125230	50.0	51.5	
105 Di-n-octyl phthalate	149	12.320	12.320	0.000	97	176236	50.0	47.7	
106 Benzo[b]fluoranthene	252	12.814	12.814	0.000	99	131471	50.0	50.8	
107 Benzo[k]fluoranthene	252	12.849	12.849	0.000	99	127647	50.0	47.8	
108 Benzo[a]pyrene	252	13.249	13.249	0.000	97	117224	50.0	50.8	
* 109 Perylene-d12	264	13.325	13.325	0.000	97	81447	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.819	14.819	0.000	99	101486	50.0	57.8	
111 Dibenz(a,h)anthracene	278	14.849	14.849	0.000	96	100495	50.0	57.5	
112 Benzo[g,h,i]perylene	276	15.225	15.225	0.000	97	102262	50.0	57.4	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_IC_BNA_L6_00016 Amount Added: 1.00 Units: mL

Report Date: 11-Nov-2015 13:06:05 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151111-34084.b\z38472.D

Injection Date: 11-Nov-2015 02:38:30 Instrument ID: CBNAMS11 Operator ID:

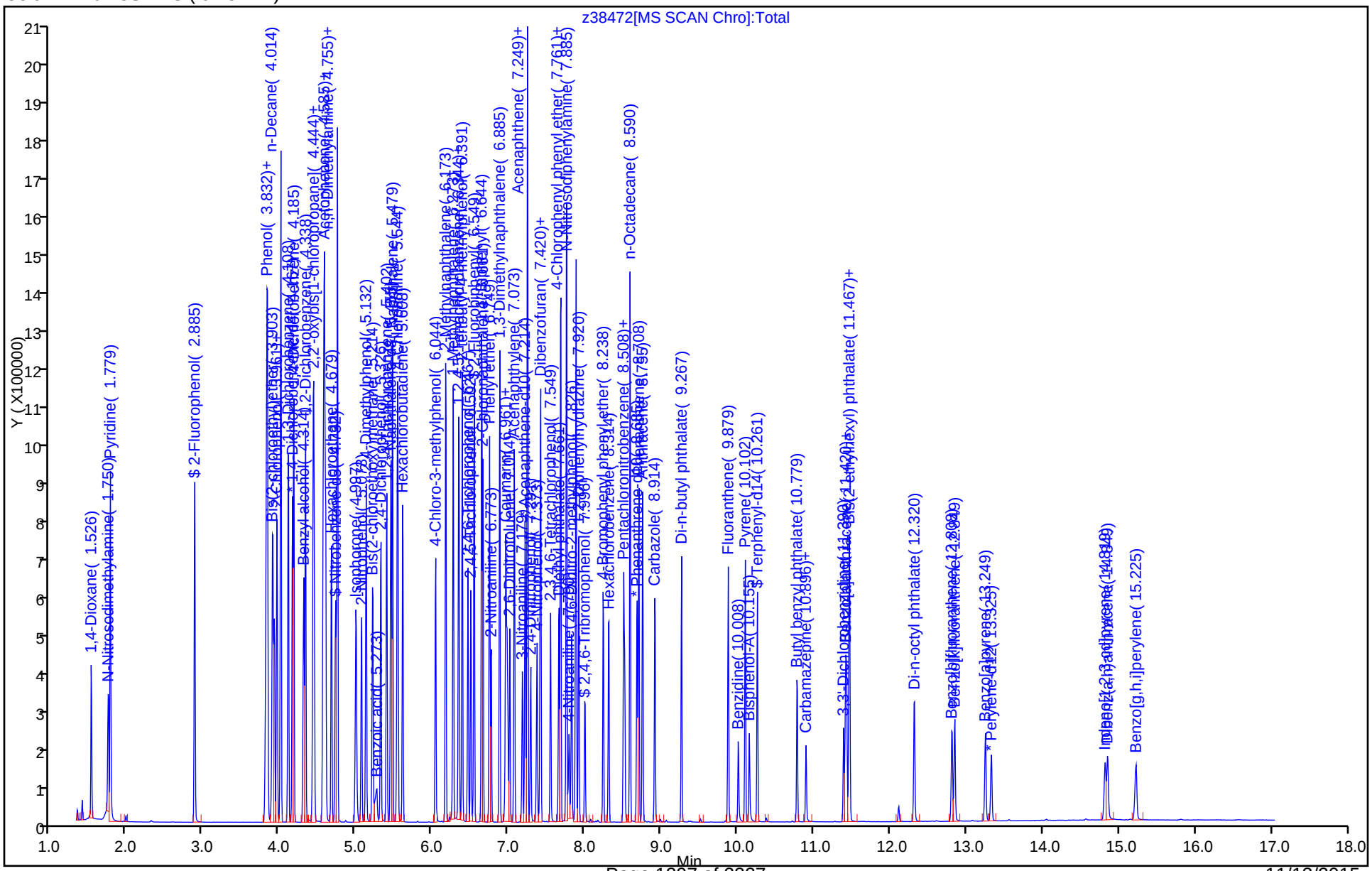
Lims ID: ccvis Worklist Smp#: 2

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334543/3 Calibration Date: 11/11/2015 03:04

Instrument ID: CBNAMS11 Calib Start Date: 11/02/2015 18:50

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 11/02/2015 21:11

Lab File ID: z38473.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.172	1.185	0.0100	50600	50000	1.1	20.0
Caprolactam	Ave	0.0800	0.0726	0.0100	45400	50000	-9.2	20.0
Atrazine	Ave	0.1852	0.1936	0.0100	52300	50000	4.5	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151111-34084.b\z38473.D
Lims ID: ccv
Client ID:
Sample Type: CCV
Inject. Date: 11-Nov-2015 03:04:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034084-003
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub13

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151111-34084.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 13:06:10 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK015

First Level Reviewer: asfawa Date: 11-Nov-2015 03:29:49

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.720	3.720	0.000	93	210737	50.0	50.6	
* 14 1,4-Dichlorobenzene-d4	152	4.161	4.161	0.000	97	142266	40.0	40.0	
* 38 Naphthalene-d8	136	5.449	5.449	0.000	99	507703	40.0	40.0	
42 Caprolactam	113	5.873	5.873	0.000	86	46061	50.0	45.4	
* 65 Acenaphthene-d10	164	7.208	7.208	0.000	93	233369	40.0	40.0	
83 Atrazine	200	8.414	8.414	0.000	90	75244	50.0	52.3	
* 87 Phenanthrene-d10	188	8.679	8.679	0.000	99	310941	40.0	40.0	
* 102 Chrysene-d12	240	11.431	11.431	0.000	99	168325	40.0	40.0	
* 109 Perylene-d12	264	13.331	13.331	0.000	98	110616	40.0	40.0	

Reagents:

SV_IC-S_L6_00015 Amount Added: 1.00 Units: mL

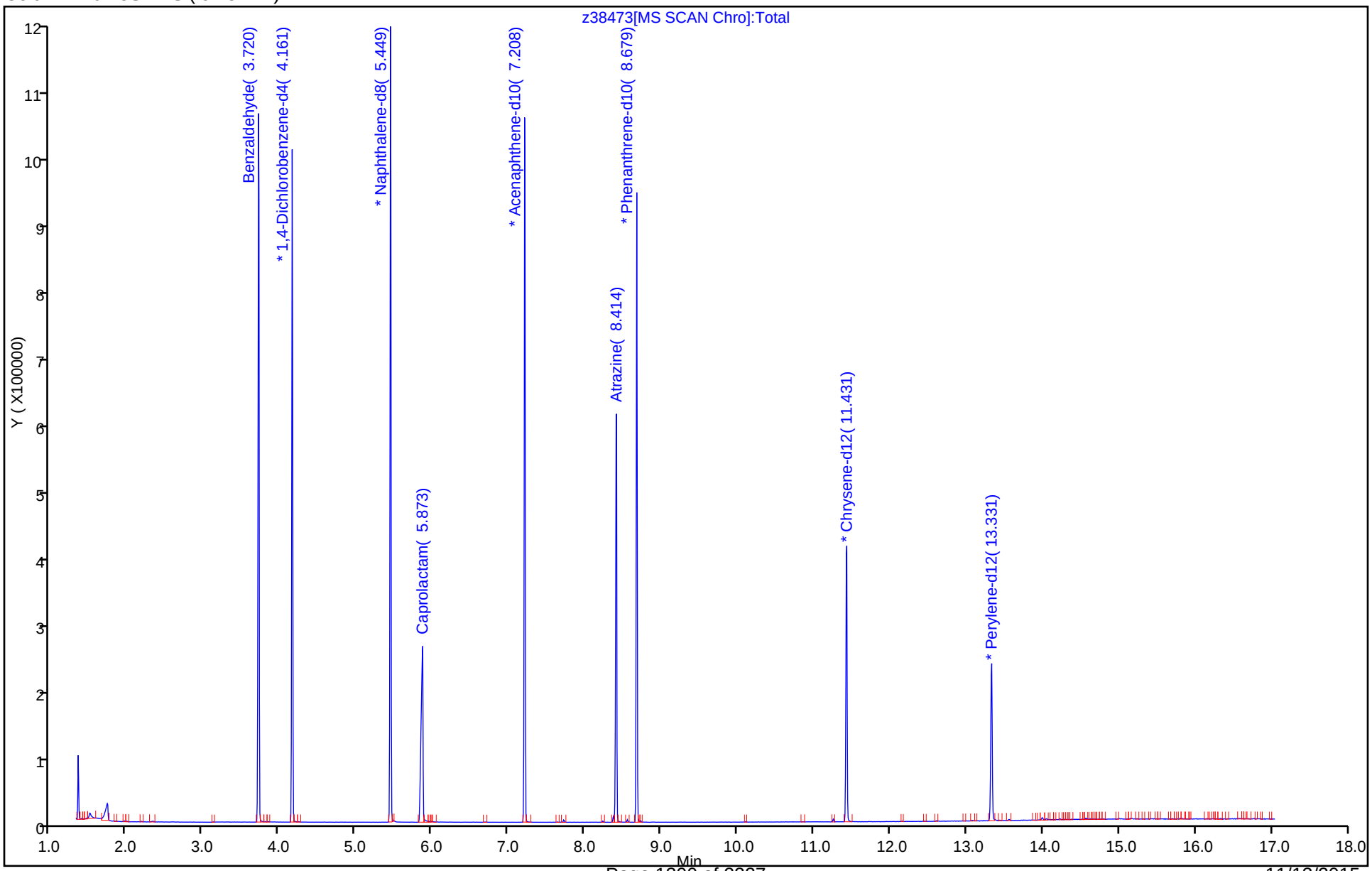
Report Date: 11-Nov-2015 13:06:11 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151111-34084.b\z38473.D

Injection Date:	11-Nov-2015 03:04:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	ccv			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-335005/2 Calibration Date: 11/12/2015 15:50

Instrument ID: CBNAMS12 Calib Start Date: 10/19/2015 14:24

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/19/2015 17:45

Lab File ID: L127923.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4649	0.4887	0.0100	52600	50000	5.1	20.0
N-Nitrosodimethylamine	Ave	0.6643	0.6629		49900	50000	-0.2	20.0
Pyridine	Ave	1.168	1.202		51500	50000	2.9	20.0
Aniline	Ave	1.755	1.714		48800	50000	-2.3	20.0
Phenol	Ave	1.429	1.531	0.8000	53600	50000	7.1	20.0
Bis(2-chloroethyl)ether	Ave	1.130	1.162	0.7000	51400	50000	2.8	20.0
2-Chlorophenol	Ave	1.318	1.320	0.8000	50100	50000	0.2	20.0
n-Decane	Ave	1.980	1.335	0.0100	33700	50000	-32.6*	20.0
1,3-Dichlorobenzene	Ave	1.535	1.472		48000	50000	-4.1	20.0
1,4-Dichlorobenzene	Ave	1.553	1.499		48200	50000	-3.5	20.0
Benzyl alcohol	Ave	0.7406	0.7581	0.0100	51200	50000	2.4	20.0
1,2-Dichlorobenzene	Ave	1.458	1.400		48000	50000	-3.9	20.0
2-Methylphenol	Ave	1.053	1.028	0.7000	48800	50000	-2.3	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.209	1.564	0.0100	35400	50000	-29.2*	20.0
Acetophenone	Ave	1.516	1.457	0.0100	48100	50000	-3.9	20.0
N-Nitrosodi-n-propylamine	Ave	0.7734	0.7292	0.5000	47100	50000	-5.7	20.0
3 & 4 Methylphenol	Ave	1.168	1.072		45900	50000	-8.2	20.0
4-Methylphenol	Ave	1.168	1.072	0.6000	45900	50000	-8.2	20.0
Hexachloroethane	Ave	0.6067	0.5851	0.3000	48200	50000	-3.6	20.0
n,n'-Dimethylaniline	Ave	1.798	1.727	0.0100	48000	50000	-3.9	20.0
Nitrobenzene	Ave	0.4880	0.4428	0.2000	45400	50000	-9.3	20.0
Isophorone	Ave	0.5510	0.5517	0.4000	50100	50000	0.1	20.0
2-Nitrophenol	Ave	0.1927	0.1924	0.1000	49900	50000	-0.2	20.0
2,4-Dimethylphenol	Ave	0.2960	0.2894	0.2000	48900	50000	-2.2	20.0
Bis(2-chloroethoxy)methane	Ave	0.3481	0.3532	0.3000	50700	50000	1.5	20.0
Benzoic acid	Lin2		0.1580		51700	50000	3.5	20.0
2,4-Dichlorophenol	Ave	0.2907	0.2807	0.2000	48300	50000	-3.5	20.0
1,2,4-Trichlorobenzene	Ave	0.3347	0.3274		48900	50000	-2.2	20.0
Naphthalene	Ave	1.020	0.9628	0.7000	47200	50000	-5.6	20.0
4-Chloroaniline	Ave	0.4015	0.3748	0.0100	46700	50000	-6.7	20.0
Hexachlorobutadiene	Ave	0.1967	0.1867	0.0100	47400	50000	-5.1	20.0
4-Chloro-3-methylphenol	Ave	0.2445	0.2396		49000	50000	-2.0	20.0
2-Methylnaphthalene	Ave	0.6690	0.6271	0.4000	46900	50000	-6.3	20.0
1-Methylnaphthalene	Ave	0.5753	0.5450	0.0100	47400	50000	-5.3	20.0
Hexachlorocyclopentadiene	Ave	0.4821	0.4033	0.0500	41800	50000	-16.3	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.7106	0.6908	0.0100	48600	50000	-2.8	20.0
2-tertbutyl-4-methylphenol	Ave	0.4348	0.4156	0.0100	47800	50000	-4.4	20.0
2,4,6-Trichlorophenol	Ave	0.4356	0.4275	0.2000	49100	50000	-1.9	20.0
2,4,5-Trichlorophenol	Ave	0.4613	0.4467	0.2000	48400	50000	-3.2	20.0
Diphenyl	Ave	1.787	1.677	0.0100	46900	50000	-6.2	20.0
2-Chloronaphthalene	Ave	1.370	1.334	0.8000	48700	50000	-2.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-335005/2 Calibration Date: 11/12/2015 15:50

Instrument ID: CBNAMS12 Calib Start Date: 10/19/2015 14:24

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/19/2015 17:45

Lab File ID: L127923.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.9059	0.8937	0.0100	49300	50000	-1.4	20.0
2-Nitroaniline	Ave	0.4630	0.3562	0.0100	38500	50000	-23.1*	20.0
1,3-Dimethylnaphthalene	Ave	1.113	1.117	0.0100	50200	50000	0.4	20.0
Dimethyl phthalate	Ave	1.323	1.277	0.0100	48300	50000	-3.4	20.0
Coumarin	Ave	0.1788	0.1774	0.0100	49600	50000	-0.8	20.0
2,6-Dinitrotoluene	Ave	0.3046	0.3080	0.2000	50600	50000	1.1	20.0
Acenaphthylene	Ave	2.022	1.949	0.9000	48200	50000	-3.6	20.0
3-Nitroaniline	Ave	0.3151	0.3104	0.0100	49200	50000	-1.5	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.191	1.109	0.0100	46600	50000	-6.9	20.0
Acenaphthene	Ave	1.360	1.137	0.9000	41800	50000	-16.4	20.0
2,4-Dinitrophenol	Lin		0.1659	0.0100	99100	100000	-0.9	20.0
4-Nitrophenol	Ave	0.2159	0.1738	0.0100	80500	100000	-19.5	20.0
Dibenzofuran	Ave	1.797	1.680	0.8000	46800	50000	-6.5	20.0
2,4-Dinitrotoluene	Lin2		0.3653	0.2000	47000	50000	-6.0	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3360	0.3183	0.0100	47400	50000	-5.3	20.0
Diethyl phthalate	Ave	1.278	1.189	0.0100	46500	50000	-7.0	20.0
4-Chlorophenyl phenyl ether	Ave	0.6512	0.5995	0.4000	46000	50000	-7.9	20.0
Fluorene	Ave	1.425	1.279	0.9000	44900	50000	-10.2	20.0
4-Nitroaniline	Ave	0.2962	0.2615	0.0100	44100	50000	-11.7	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1441	0.0100	101000	100000	0.8	20.0
N-Nitrosodiphenylamine	Ave	0.6150	0.5952	0.0100	96800	100000	-3.2	20.0
1,2-Diphenylhydrazine	Ave	0.8065	0.8128	0.0100	50400	50000	0.8	20.0
4-Bromophenyl phenyl ether	Ave	0.2411	0.2398	0.1000	49700	50000	-0.5	20.0
Hexachlorobenzene	Ave	0.2711	0.2722	0.1000	50200	50000	0.4	20.0
Pentachlorophenol	Ave	0.1514	0.1291	0.0500	85200	100000	-14.8	20.0
Pentachloronitrobenzene	Ave	0.1064	0.0992	0.0100	46600	50000	-6.8	20.0
n-Octadecane	Ave	0.6218	0.5334	0.0100	42900	50000	-14.2	20.0
Phenanthrene	Ave	1.160	1.106	0.7000	47600	50000	-4.7	20.0
Anthracene	Ave	1.173	1.130	0.7000	48200	50000	-3.6	20.0
Carbazole	Ave	0.9840	0.9201	0.0100	46800	50000	-6.5	20.0
Di-n-butyl phthalate	Ave	1.169	1.132	0.0100	48400	50000	-3.2	20.0
Fluoranthene	Ave	1.091	0.9653	0.6000	44200	50000	-11.5	20.0
Benzidine	Ave	0.6138	0.4884		39800	50000	-20.4*	20.0
Pyrene	Ave	1.373	1.543	0.6000	56200	50000	12.4	20.0
Bisphenol-A	Ave	0.5462	0.5404		49500	50000	-1.1	20.0
Butyl benzyl phthalate	Ave	0.5623	0.6219	0.0100	55300	50000	10.6	20.0
2,3,7,8-TCDD	Ave	0.1461	0.1456	0.0100	498	500	-0.3	20.0
Carbamazepine	Lin2		0.4846	0.0100	42700	50000	-14.5	20.0
3,3'-Dichlorobenzidine	Ave	0.4492	0.4377	0.0100	48700	50000	-2.6	20.0
Benzo[a]anthracene	Ave	1.193	1.163	0.8000	48800	50000	-2.5	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-335005/2 Calibration Date: 11/12/2015 15:50

Instrument ID: CBNAMS12 Calib Start Date: 10/19/2015 14:24

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/19/2015 17:45

Lab File ID: L127923.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bis(2-ethylhexyl) phthalate	Ave	0.7810	0.8176	0.0100	52300	50000	4.7	20.0
Chrysene	Ave	1.083	1.059	0.7000	48900	50000	-2.2	20.0
Di-n-octyl phthalate	Ave	1.208	1.474	0.0100	61000	50000	22.0*	20.0
Benzo[b]fluoranthene	Ave	1.084	1.163	0.7000	53600	50000	7.3	20.0
Benzo[k]fluoranthene	Ave	1.109	1.230	0.7000	55500	50000	11.0	20.0
Benzo[a]pyrene	Ave	1.068	1.136	0.7000	53200	50000	6.4	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.179	1.294	0.5000	54900	50000	9.8	20.0
Dibenz(a,h)anthracene	Ave	1.164	1.251	0.4000	53700	50000	7.5	20.0
Benzo[g,h,i]perylene	Ave	1.226	1.297	0.5000	52900	50000	5.8	20.0
2-Fluorophenol	Ave	1.204	1.271	0.0100	52800	50000	5.6	20.0
Phenol-d5	Ave	1.425	1.425	0.0100	50000	50000	0.0	20.0
Nitrobenzene-d5	Ave	0.3650	0.3519	0.0100	48200	50000	-3.6	20.0
2-Fluorobiphenyl	Ave	1.624	1.560	0.0100	48000	50000	-3.9	20.0
2,4,6-Tribromophenol	Lin2		0.2089	0.0100	45200	50000	-9.5	20.0
Terphenyl-d14	Ave	0.9222	1.071	0.0100	58100	50000	16.1	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151112-34179.b\L127923.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 12-Nov-2015 15:50:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034179-002
Misc. Info.: CCVIS
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151112-34179.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 22:31:04 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK005

First Level Reviewer: zhaoc Date: 12-Nov-2015 16:38:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.611	1.611	0.000	97	89342	50.0	52.6	
2 N-Nitrosodimethylamine	74	1.864	1.864	0.000	85	121197	50.0	49.9	
3 Pyridine	79	1.882	1.882	0.000	89	219782	50.0	51.5	
$ 4 2-Fluorophenol	112	3.064	3.064	0.000	96	232337	50.0	52.8	
$ 6 Phenol-d5	99	4.011	4.011	0.000	92	260457	50.0	50.0	
8 Aniline	93	4.017	4.017	0.000	94	313349	50.0	48.8	
7 Phenol	94	4.023	4.023	0.000	95	279941	50.0	53.6	
9 Bis(2-chloroethyl)ether	93	4.088	4.088	0.000	96	212537	50.0	51.4	
10 2-Chlorophenol	128	4.147	4.147	0.000	96	241418	50.0	50.1	
11 n-Decane	43	4.194	4.194	0.000	91	244118	50.0	33.7	
12 1,3-Dichlorobenzene	146	4.294	4.294	0.000	96	269203	50.0	48.0	
* 13 1,4-Dichlorobenzene-d4	152	4.347	4.347	0.000	96	146263	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.364	4.364	0.000	95	273987	50.0	48.2	
15 Benzyl alcohol	108	4.499	4.499	0.000	94	138606	50.0	51.2	
16 1,2-Dichlorobenzene	146	4.517	4.517	0.000	96	256019	50.0	48.0	
17 2-Methylphenol	108	4.629	4.629	0.000	89	188017	50.0	48.8	
18 2,2'-oxybis[1-chloropropan	45	4.635	4.635	0.000	93	285994	50.0	35.4	
22 Acetophenone	105	4.770	4.770	0.000	96	266332	50.0	48.1	
21 N-Nitrosodi-n-propylamine	70	4.776	4.776	0.000	89	133318	50.0	47.1	
19 4-Methylphenol	108	4.788	4.788	0.000	95	195949	50.0	45.9	
20 3 & 4 Methylphenol	108	4.788	4.788	0.000	98	195949	50.0	45.9	
25 Hexachloroethane	117	4.858	4.858	0.000	95	106979	50.0	48.2	
$ 26 Nitrobenzene-d5	82	4.917	4.917	0.000	89	217985	50.0	48.2	
27 Nitrobenzene	77	4.941	4.941	0.000	91	274336	50.0	45.4	
28 n,n'-Dimethylaniline	120	4.941	4.941	0.000	88	315677	50.0	48.0	
29 Isophorone	82	5.182	5.182	0.000	99	341807	50.0	50.1	
30 2-Nitrophenol	139	5.258	5.258	0.000	94	119194	50.0	49.9	
31 2,4-Dimethylphenol	122	5.323	5.323	0.000	92	179305	50.0	48.9	
32 Bis(2-chloroethoxy)methane	93	5.405	5.405	0.000	99	218812	50.0	50.7	
33 Benzoic acid	122	5.482	5.482	0.000	89	97873	50.0	51.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	5.511	5.511	0.000	95	173888	50.0	48.3	
35 1,2,4-Trichlorobenzene	180	5.582	5.582	0.000	94	202838	50.0	48.9	
* 36 Naphthalene-d8	136	5.635	5.635	0.000	99	495610	40.0	40.0	
37 Naphthalene	128	5.658	5.658	0.000	100	596468	50.0	47.2	
38 4-Chloroaniline	127	5.723	5.723	0.000	97	232181	50.0	46.7	
39 Hexachlorobutadiene	225	5.793	5.793	0.000	96	115654	50.0	47.4	
41 4-Chloro-3-methylphenol	107	6.229	6.229	0.000	95	148407	50.0	49.0	
42 2-Methylnaphthalene	142	6.352	6.352	0.000	85	388464	50.0	46.9	
43 1-Methylnaphthalene	142	6.452	6.452	0.000	94	337615	50.0	47.4	
44 Hexachlorocyclopentadiene	237	6.523	6.523	0.000	97	104467	50.0	41.8	
45 1,2,4,5-Tetrachlorobenzene	216	6.529	6.529	0.000	98	178940	50.0	48.6	
46 2-tertbutyl-4-methylphenol	149	6.570	6.570	0.000	92	257462	50.0	47.8	
48 2,4,6-Trichlorophenol	196	6.652	6.652	0.000	92	110728	50.0	49.1	
49 2,4,5-Trichlorophenol	196	6.688	6.688	0.000	98	115698	50.0	48.4	
$ 50 2-Fluorobiphenyl	172	6.729	6.729	0.000	98	404005	50.0	48.0	
51 1,1'-Biphenyl	154	6.823	6.823	0.000	95	434254	50.0	46.9	
52 2-Chloronaphthalene	162	6.840	6.840	0.000	98	345464	50.0	48.7	
53 Phenyl ether	170	6.929	6.929	0.000	87	231471	50.0	49.3	
54 2-Nitroaniline	65	6.952	6.952	0.000	95	92257	50.0	38.5	
55 1,3-Dimethylnaphthalene	156	7.058	7.058	0.000	94	289414	50.0	50.2	
58 Dimethyl phthalate	163	7.140	7.140	0.000	99	330798	50.0	48.3	
59 Coumarin	146	7.158	7.158	0.000	81	109880	50.0	49.6	
60 2,6-Dinitrotoluene	165	7.199	7.199	0.000	94	79767	50.0	50.6	
61 Acenaphthylene	152	7.252	7.252	0.000	98	504851	50.0	48.2	
62 3-Nitroaniline	138	7.364	7.364	0.000	96	80393	50.0	49.2	
* 63 Acenaphthene-d10	164	7.393	7.393	0.000	96	207214	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.423	7.423	0.000	97	287286	50.0	46.6	
65 Acenaphthene	154	7.423	7.423	0.000	94	294450	50.0	41.8	
66 2,4-Dinitrophenol	184	7.476	7.476	0.000	96	85926	100.0	99.1	
67 4-Nitrophenol	65	7.558	7.558	0.000	92	90030	100.0	80.5	
69 Dibenzofuran	168	7.593	7.593	0.000	96	435116	50.0	46.8	
68 2,4-Dinitrotoluene	165	7.599	7.599	0.000	93	94613	50.0	47.0	
70 2,3,4,6-Tetrachlorophenol	232	7.729	7.729	0.000	95	82455	50.0	47.4	
71 Diethyl phthalate	149	7.835	7.835	0.000	98	307893	50.0	46.5	
73 4-Chlorophenyl phenyl ethe	204	7.935	7.935	0.000	77	155271	50.0	46.0	
74 Fluorene	166	7.935	7.935	0.000	95	331319	50.0	44.9	
75 4-Nitroaniline	138	7.976	7.976	0.000	90	67740	50.0	44.1	
76 4,6-Dinitro-2-methylphenol	198	8.011	8.011	0.000	88	108685	100.0	100.8	
77 N-Nitrosodiphenylamine	169	8.058	8.058	0.000	67	448989	100.0	96.8	
78 1,2-Diphenylhydrazine	77	8.093	8.093	0.000	98	306600	50.0	50.4	
$ 79 2,4,6-Tribromophenol	330	8.176	8.176	0.000	94	54118	50.0	45.2	
80 4-Bromophenyl phenyl ether	248	8.411	8.411	0.000	91	90464	50.0	49.7	
81 Hexachlorobenzene	284	8.487	8.487	0.000	97	102662	50.0	50.2	
83 Pentachlorophenol	266	8.682	8.682	0.000	94	97356	100.0	85.2	
84 Pentachloronitrobenzene	237	8.693	8.693	0.000	88	37417	50.0	46.6	
72 n-Octadecane	57	8.764	8.764	0.000	94	201219	50.0	42.9	
* 85 Phenanthrene-d10	188	8.852	8.852	0.000	99	301766	40.0	40.0	
86 Phenanthrene	178	8.876	8.876	0.000	97	417018	50.0	47.6	
87 Anthracene	178	8.929	8.929	0.000	99	426310	50.0	48.2	
88 Carbazole	167	9.093	9.093	0.000	96	347072	50.0	46.8	
89 Di-n-butyl phthalate	149	9.434	9.434	0.000	99	426985	50.0	48.4	
90 Fluoranthene	202	10.046	10.046	0.000	98	364116	50.0	44.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
91 Benzidine	184	10.176	10.176	0.000	100	184211	50.0	39.8	
92 Pyrene	202	10.270	10.270	0.000	97	364592	50.0	56.2	
93 Bisphenol-A	213	10.323	10.323	0.000	99	127670	50.0	49.5	
$ 94 Terphenyl-d14	244	10.423	10.423	0.000	99	253022	50.0	58.1	
95 Butyl benzyl phthalate	149	10.934	10.934	0.000	96	146905	50.0	55.3	
96 2,3,7,8-TCDD	320	11.052	11.052	0.000	54	344	0.5000	0.4984	
97 Carbamazepine	193	11.052	11.052	0.000	92	114490	50.0	42.7	
98 3,3'-Dichlorobenzidine	252	11.534	11.534	0.000	99	103392	50.0	48.7	
99 Benzo[a]anthracene	228	11.564	11.564	0.000	99	274859	50.0	48.8	
* 100 Chrysene-d12	240	11.575	11.575	0.000	99	188990	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.605	11.605	0.000	86	193151	50.0	52.3	
101 Chrysene	228	11.611	11.611	0.000	99	250150	50.0	48.9	
103 Di-n-octyl phthalate	149	12.440	12.440	0.000	97	314700	50.0	61.0	
104 Benzo[b]fluoranthene	252	12.940	12.940	0.000	99	248317	50.0	53.6	
105 Benzo[k]fluoranthene	252	12.975	12.975	0.000	97	262644	50.0	55.5	
106 Benzo[a]pyrene	252	13.381	13.381	0.000	97	242575	50.0	53.2	
* 107 Perylene-d12	264	13.452	13.452	0.000	97	170832	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	14.899	14.899	0.000	99	276265	50.0	54.9	M
109 Dibenz(a,h)anthracene	278	14.922	14.922	0.000	96	267132	50.0	53.7	
110 Benzo[g,h,i]perylene	276	15.246	15.246	0.000	97	276871	50.0	52.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L6_00016 Amount Added: 1.00 Units: mL

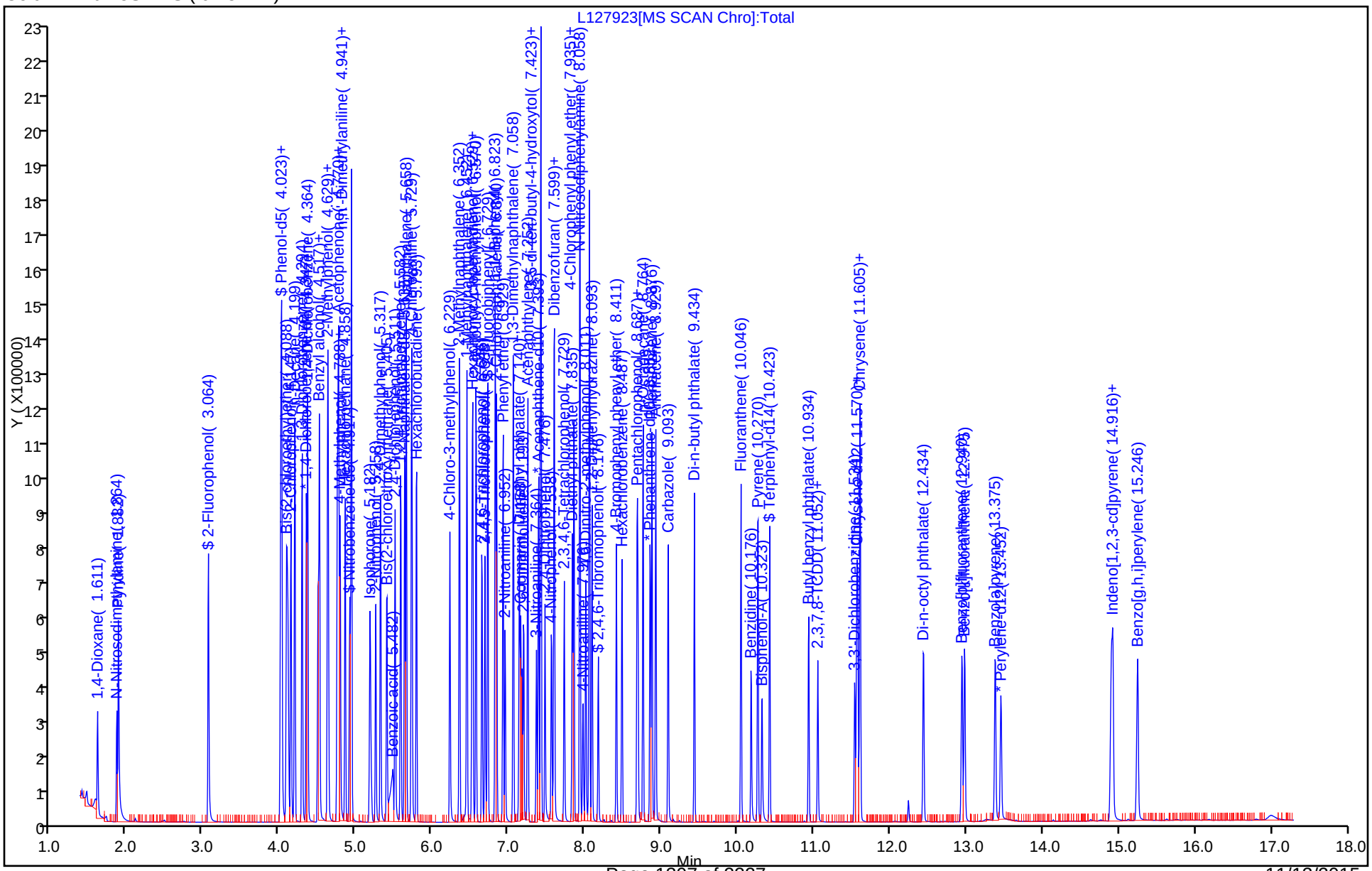
Report Date: 12-Nov-2015 22:31:09 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151112-34179.b\L127923.D

Injection Date:	12-Nov-2015 15:50:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	ccvis			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-335005/3 Calibration Date: 11/12/2015 16:16

Instrument ID: CBNAMS12 Calib Start Date: 10/19/2015 18:10

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/19/2015 20:41

Lab File ID: L127924.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.010	1.042	0.0100	51600	50000	3.1	20.0
Caprolactam	Ave	0.0661	0.0749	0.0100	56600	50000	13.2	20.0
Atrazine	Ave	0.1954	0.1904	0.0100	48700	50000	-2.6	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151112-34179.b\L127924.D
Lims ID: ccv
Client ID:
Sample Type: CCV
Inject. Date: 12-Nov-2015 16:16:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034179-003
Misc. Info.: CCV
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub15

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151112-34179.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 22:30:35 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK005

First Level Reviewer: bayoumiw Date: 12-Nov-2015 16:49:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.899	3.899	0.000	94	189708	50.0	51.6	
* 13 1,4-Dichlorobenzene-d4	152	4.340	4.340	0.000	96	145620	40.0	40.0	
* 36 Naphthalene-d8	136	5.634	5.634	0.000	99	514861	40.0	40.0	
40 Caprolactam	113	6.058	6.058	0.000	91	48181	50.0	56.6	
* 63 Acenaphthene-d10	164	7.387	7.387	0.000	97	225020	40.0	40.0	
82 Atrazine	200	8.587	8.587	0.000	93	82988	50.0	48.7	
* 85 Phenanthrene-d10	188	8.852	8.852	0.000	99	348624	40.0	40.0	
* 100 Chrysene-d12	240	11.569	11.569	0.000	99	217892	40.0	40.0	
* 107 Perylene-d12	264	13.452	13.452	0.000	97	176158	40.0	40.0	

Reagents:

SV_IC-S_L6_00013 Amount Added: 1.00 Units: mL

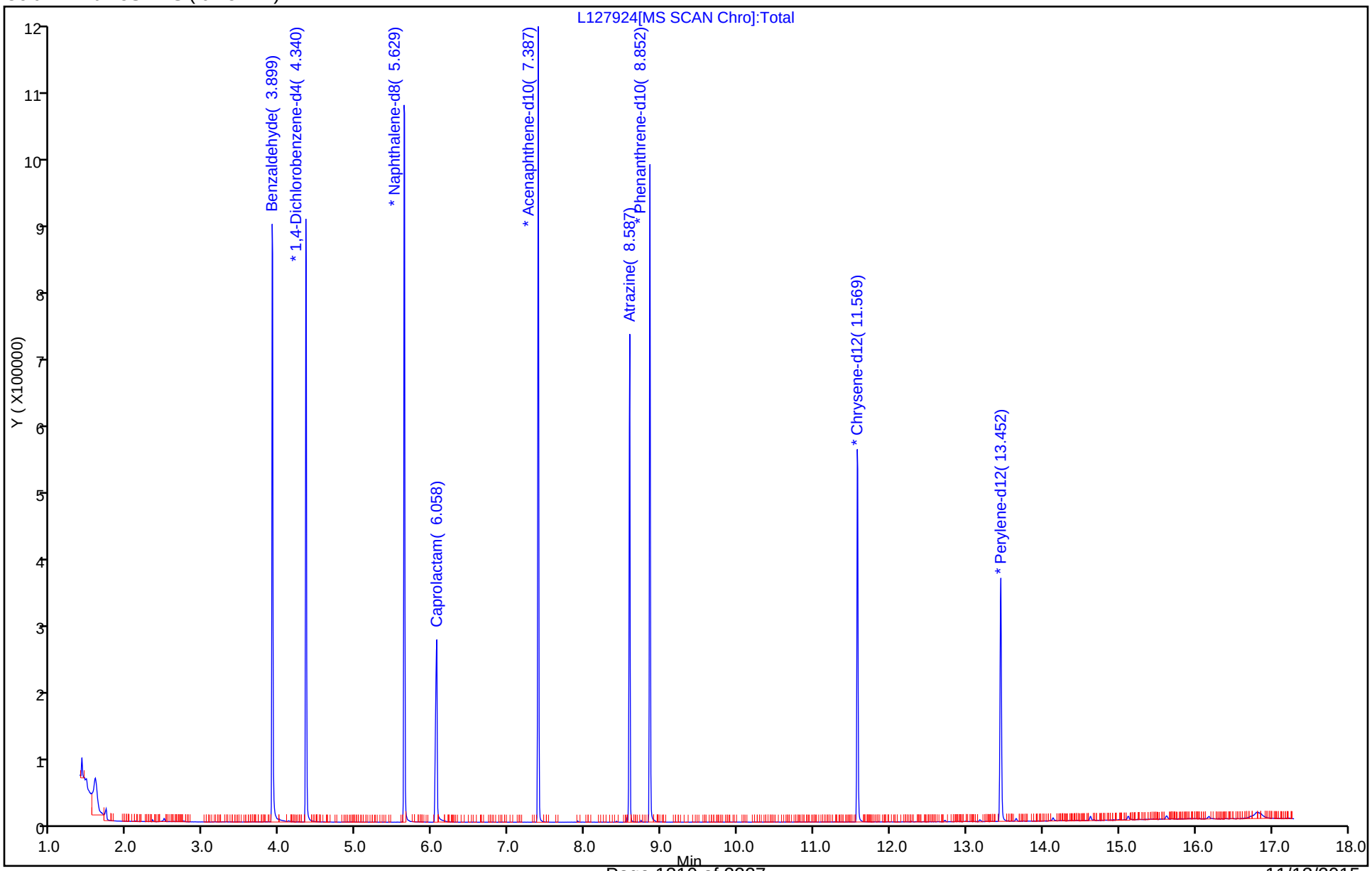
Report Date: 12-Nov-2015 22:30:44 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151112-34179.b\L127924.D

Injection Date:	12-Nov-2015 16:16:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	ccv			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334538/2 Calibration Date: 11/11/2015 02:40

Instrument ID: CBNAMS5 Calib Start Date: 11/08/2015 14:39

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 11/08/2015 18:16

Lab File ID: x8394.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5858	0.5610	0.0100	47900	50000	-4.2	20.0
N-Nitrosodimethylamine	Ave	0.7891	0.7400		46900	50000	-6.2	20.0
Pyridine	Ave	1.392	1.309		47000	50000	-6.0	20.0
Phenol	Ave	1.721	1.719	0.8000	49900	50000	-0.1	20.0
Aniline	Ave	1.945	1.916		49200	50000	-1.5	20.0
Bis(2-chloroethyl)ether	Ave	1.229	1.203	0.7000	48900	50000	-2.1	20.0
2-Chlorophenol	Ave	1.418	1.402	0.8000	49400	50000	-1.2	20.0
n-Decane	Ave	1.455	1.334	0.0100	45900	50000	-8.3	20.0
1,3-Dichlorobenzene	Ave	1.577	1.557		49400	50000	-1.3	20.0
1,4-Dichlorobenzene	Ave	1.590	1.584		49800	50000	-0.4	20.0
Benzyl alcohol	Ave	0.8109	0.8138	0.0100	50200	50000	0.4	20.0
1,2-Dichlorobenzene	Ave	1.482	1.478		49900	50000	-0.2	20.0
2-Methylphenol	Ave	1.177	1.157	0.7000	49200	50000	-1.7	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.542	1.458	0.0100	47300	50000	-5.5	20.0
Acetophenone	Ave	1.589	1.553	0.0100	48800	50000	-2.3	20.0
N-Nitrosodi-n-propylamine	Ave	0.8044	0.7628	0.5000	47400	50000	-5.2	20.0
3 & 4 Methylphenol	Ave	1.288	1.187		46100	50000	-7.8	20.0
4-Methylphenol	Ave	1.288	1.187	0.6000	46100	50000	-7.8	20.0
Hexachloroethane	Ave	0.5539	0.5432	0.3000	49000	50000	-1.9	20.0
n,n'-Dimethylaniline	Ave	1.971	2.071	0.0100	52500	50000	5.1	20.0
Nitrobenzene	Ave	0.4748	0.4552	0.2000	47900	50000	-4.1	20.0
Isophorone	Ave	0.5502	0.5379	0.4000	48900	50000	-2.2	20.0
2-Nitrophenol	Ave	0.1956	0.1967	0.1000	50300	50000	0.6	20.0
2,4-Dimethylphenol	Ave	0.3174	0.3131	0.2000	49300	50000	-1.4	20.0
Bis(2-chloroethoxy)methane	Ave	0.3575	0.3483	0.3000	48700	50000	-2.6	20.0
Benzoic acid	Lin2		0.1380		44700	50000	-10.6	20.0
2,4-Dichlorophenol	Ave	0.2852	0.2823	0.2000	49500	50000	-1.0	20.0
1,2,4-Trichlorobenzene	Ave	0.3086	0.3119		50500	50000	1.1	20.0
Naphthalene	Ave	1.040	1.035	0.7000	49800	50000	-0.5	20.0
4-Chloroaniline	Ave	0.4188	0.4087	0.0100	48800	50000	-2.4	20.0
Hexachlorobutadiene	Ave	0.1687	0.1732	0.0100	51300	50000	2.7	20.0
4-Chloro-3-methylphenol	Ave	0.2526	0.2450		48500	50000	-3.0	20.0
2-Methylnaphthalene	Ave	0.6614	0.6646	0.4000	50200	50000	0.5	20.0
1-Methylnaphthalene	Ave	0.5697	0.5731	0.0100	50300	50000	0.6	20.0
Hexachlorocyclopentadiene	Ave	0.3922	0.4394	0.0500	56000	50000	12.0	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6614	0.6788	0.0100	51300	50000	2.6	20.0
2-tertbutyl-4-methylphenol	Ave	0.4158	0.4375	0.0100	52600	50000	5.2	20.0
2,4,6-Trichlorophenol	Ave	0.4164	0.4267	0.2000	51200	50000	2.5	20.0
2,4,5-Trichlorophenol	Ave	0.4388	0.4504	0.2000	51300	50000	2.7	20.0
Diphenyl	Ave	1.772	1.787	0.0100	50400	50000	0.8	20.0
2-Chloronaphthalene	Ave	1.364	1.362	0.8000	49900	50000	-0.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334538/2 Calibration Date: 11/11/2015 02:40

Instrument ID: CBNAMS5 Calib Start Date: 11/08/2015 14:39

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 11/08/2015 18:16

Lab File ID: x8394.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.9387	0.9829	0.0100	52400	50000	4.7	20.0
2-Nitroaniline	Ave	0.3925	0.3295	0.0100	42000	50000	-16.1	20.0
1,3-Dimethylnaphthalene	Ave	1.116	1.174	0.0100	52600	50000	5.2	20.0
Dimethyl phthalate	Ave	1.243	1.220	0.0100	49100	50000	-1.8	20.0
Coumarin	Ave	0.1674	0.1660	0.0100	49600	50000	-0.9	20.0
2,6-Dinitrotoluene	Ave	0.2889	0.3028	0.2000	52400	50000	4.8	20.0
Acenaphthylene	Ave	2.007	1.995	0.9000	49700	50000	-0.6	20.0
3-Nitroaniline	Ave	0.3257	0.3041	0.0100	46700	50000	-6.6	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.203	1.347	0.0100	56000	50000	12.0	20.0
Acenaphthene	Ave	1.230	1.218	0.9000	49500	50000	-1.0	20.0
2,4-Dinitrophenol	Qua		0.1464	0.0100	91000	100000	-9.0	20.0
4-Nitrophenol	Ave	0.1922	0.1632	0.0100	84900	100000	-15.1	20.0
2,4-Dinitrotoluene	Ave	0.3294	0.3501	0.2000	53100	50000	6.3	20.0
Dibenzofuran	Ave	1.742	1.758	0.8000	50500	50000	0.9	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2967	0.3088	0.0100	52000	50000	4.1	20.0
Diethyl phthalate	Ave	1.088	1.076	0.0100	49400	50000	-1.1	20.0
4-Chlorophenyl phenyl ether	Ave	0.6352	0.6549	0.4000	51500	50000	3.1	20.0
Fluorene	Ave	1.355	1.360	0.9000	50200	50000	0.3	20.0
4-Nitroaniline	Ave	0.2819	0.2609	0.0100	46300	50000	-7.5	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1376	0.0100	98000	100000	-2.0	20.0
N-Nitrosodiphenylamine	Ave	0.8030	0.8142	0.0100	86200	85000	1.4	20.0
1,2-Diphenylhydrazine	Ave	0.8656	0.8554	0.0100	49400	50000	-1.2	20.0
4-Bromophenyl phenyl ether	Ave	0.2452	0.2613	0.1000	53300	50000	6.6	20.0
Hexachlorobenzene	Ave	0.2515	0.2789	0.1000	55500	50000	10.9	20.0
Pentachlorophenol	Qua		0.1435	0.0500	102000	100000	2.1	20.0
Pentachloronitrobenzene	Ave	0.0835	0.0899	0.0100	53800	50000	7.6	20.0
n-Octadecane	Ave	0.5766	0.5944	0.0100	51500	50000	3.1	20.0
Phenanthrene	Ave	1.171	1.155	0.7000	49300	50000	-1.3	20.0
Anthracene	Ave	1.171	1.193	0.7000	50900	50000	1.9	20.0
Carbazole	Ave	0.9768	0.9403	0.0100	48100	50000	-3.7	20.0
Di-n-butyl phthalate	Ave	1.075	1.076	0.0100	50000	50000	0.0	20.0
Fluoranthene	Ave	0.9608	0.9623	0.6000	50100	50000	0.2	20.0
Benzidine	Ave	0.4884	0.3273		33500	50000	-33.0*	20.0
Pyrene	Ave	1.681	1.802	0.6000	53600	50000	7.2	20.0
Bisphenol-A	Ave	0.5789	0.5612		48500	50000	-3.1	20.0
Butyl benzyl phthalate	Ave	0.6034	0.5988	0.0100	49600	50000	-0.8	20.0
2,3,7,8-TCDD	Ave	0.1368	0.1742	0.0100	637	500	27.4*	20.0
Carbamazepine	Lin2		0.3737	0.0100	42400	50000	-15.2	20.0
3,3'-Dichlorobenzidine	Ave	0.3809	0.3788	0.0100	49700	50000	-0.5	20.0
Benzo[a]anthracene	Ave	1.223	1.166	0.8000	47700	50000	-4.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334538/2 Calibration Date: 11/11/2015 02:40

Instrument ID: CBNAMS5 Calib Start Date: 11/08/2015 14:39

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 11/08/2015 18:16

Lab File ID: x8394.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bis(2-ethylhexyl) phthalate	Ave	0.8147	0.8215	0.0100	50400	50000	0.8	20.0
Chrysene	Ave	1.100	1.083	0.7000	49300	50000	-1.5	20.0
Di-n-octyl phthalate	Ave	1.536	1.673	0.0100	54400	50000	8.9	20.0
Benzo[b]fluoranthene	Ave	1.156	1.165	0.7000	50400	50000	0.7	20.0
Benzo[k]fluoranthene	Ave	1.234	1.290	0.7000	52200	50000	4.5	20.0
Benzo[a]pyrene	Ave	1.028	1.105	0.7000	53800	50000	7.5	20.0
Indeno[1,2,3-cd]pyrene	QuaF		0.9433	0.5000	52400	50000	4.9	20.0
Dibenz(a,h)anthracene	Lin2		0.9432	0.4000	51700	50000	3.4	20.0
Benzo[g,h,i]perylene	Ave	0.9127	0.9240	0.5000	50600	50000	1.2	20.0
2-Fluorophenol	Ave	1.353	1.344	0.0100	49700	50000	-0.6	20.0
Phenol-d5	Ave	1.534	1.534	0.0100	50000	50000	0.0	20.0
Nitrobenzene-d5	Ave	0.3474	0.3439	0.0100	49500	50000	-1.0	20.0
2-Fluorobiphenyl	Ave	1.607	1.682	0.0100	52300	50000	4.6	20.0
2,4,6-Tribromophenol	Ave	0.1588	0.1860	0.0100	58500	50000	17.1	20.0
Terphenyl-d14	Ave	1.108	1.266	0.0100	57100	50000	14.3	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8394.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 11-Nov-2015 02:40:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034083-002
Misc. Info.: CCVIS
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub37

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 23:52:17 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: asfawa Date: 11-Nov-2015 03:04:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.669	1.669	0.000	92	102502	50.0	47.9	
2 N-Nitrosodimethylamine	74	1.899	1.899	0.000	90	135218	50.0	46.9	
3 Pyridine	79	1.928	1.928	0.000	95	239245	50.0	47.0	
$ 4 2-Fluorophenol	112	3.057	3.057	0.000	97	245591	50.0	49.7	
$ 6 Phenol-d5	99	3.993	3.993	0.000	96	280383	50.0	50.0	
7 Phenol	94	4.004	4.004	0.000	97	314107	50.0	49.9	
8 Aniline	93	4.010	4.010	0.000	95	350022	50.0	49.2	
9 Bis(2-chloroethyl)ether	93	4.075	4.075	0.000	98	219774	50.0	48.9	
10 Benzonitrile	103	4.104	4.104	0.000	66	447514	NC	NC	
11 2-Chlorophenol	128	4.140	4.140	0.000	98	256114	50.0	49.4	
12 n-Decane	43	4.187	4.187	0.000	89	243787	50.0	45.9	
13 1,3-Dichlorobenzene	146	4.287	4.287	0.000	97	284537	50.0	49.4	
* 14 1,4-Dichlorobenzene-d4	152	4.340	4.340	0.000	95	146181	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.357	4.357	0.000	96	289466	50.0	49.8	
16 Benzyl alcohol	108	4.481	4.481	0.000	97	148702	50.0	50.2	
17 1,2-Dichlorobenzene	146	4.510	4.510	0.000	97	270128	50.0	49.9	
18 2-Methylphenol	108	4.604	4.604	0.000	90	211366	50.0	49.2	
19 2,2'-oxybis[1-chloropropan	45	4.616	4.616	0.000	93	266412	50.0	47.3	
20 N-Methylaniline	106	4.740	4.740	0.000	88	357969	NC	NC	
21 Acetophenone	105	4.751	4.751	0.000	94	283744	50.0	48.8	
22 N-Nitrosodi-n-propylamine	70	4.757	4.757	0.000	85	139385	50.0	47.4	
24 4-Methylphenol	108	4.763	4.763	0.000	93	216957	50.0	46.1	
23 3 & 4 Methylphenol	108	4.763	4.763	0.000	92	216957	50.0	46.1	
25 Hexachloroethane	117	4.846	4.846	0.000	96	99257	50.0	49.0	
$ 26 Nitrobenzene-d5	82	4.898	4.898	0.000	85	219213	50.0	49.5	
28 Nitrobenzene	77	4.922	4.922	0.000	94	290124	50.0	47.9	
27 n,n'-Dimethylaniline	120	4.922	4.922	0.000	95	378428	50.0	52.5	
31 Isophorone	82	5.163	5.163	0.000	99	342839	50.0	48.9	
32 2-Nitrophenol	139	5.234	5.234	0.000	97	125362	50.0	50.3	
33 2,4-Dimethylphenol	122	5.293	5.293	0.000	94	199586	50.0	49.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.375	5.375	0.000	99	221967	50.0	48.7	
35 Benzoic acid	122	5.434	5.434	0.000	87	87933	50.0	44.7	
36 2,4-Dichlorophenol	162	5.487	5.487	0.000	98	179929	50.0	49.5	
37 1,2,4-Trichlorobenzene	180	5.563	5.563	0.000	94	198805	50.0	50.5	
* 38 Naphthalene-d8	136	5.622	5.622	0.000	99	509909	40.0	40.0	
39 Naphthalene	128	5.640	5.640	0.000	100	659522	50.0	49.8	
40 4-Chloroaniline	127	5.698	5.698	0.000	98	260519	50.0	48.8	
41 Hexachlorobutadiene	225	5.769	5.769	0.000	97	110399	50.0	51.3	
43 4-Chloro-3-methylphenol	107	6.187	6.187	0.000	95	156182	50.0	48.5	
44 2-Methylnaphthalene	142	6.334	6.334	0.000	86	423572	50.0	50.2	
45 1-Methylnaphthalene	142	6.428	6.428	0.000	93	365290	50.0	50.3	
46 Hexachlorocyclopentadiene	237	6.498	6.498	0.000	98	112731	50.0	56.0	
47 1,2,4,5-Tetrachlorobenzene	216	6.504	6.504	0.000	98	174150	50.0	51.3	
48 2-tertbutyl-4-methylphenol	149	6.540	6.540	0.000	93	278883	50.0	52.6	
49 2,4,6-Trichlorophenol	196	6.616	6.616	0.000	92	109486	50.0	51.2	
50 2,4,5-Trichlorophenol	196	6.657	6.657	0.000	99	115567	50.0	51.3	
$ 51 2-Fluorobiphenyl	172	6.698	6.698	0.000	98	431500	50.0	52.3	
52 1,1'-Biphenyl	154	6.798	6.798	0.000	95	458508	50.0	50.4	
53 2-Chloronaphthalene	162	6.816	6.816	0.000	98	349425	50.0	49.9	
54 Phenyl ether	170	6.898	6.898	0.000	84	252176	50.0	52.4	
56 2-Nitroaniline	65	6.922	6.922	0.000	92	84533	50.0	42.0	
57 1,3-Dimethylnaphthalene	156	7.034	7.034	0.000	94	301325	50.0	52.6	
58 Dimethyl phthalate	163	7.110	7.110	0.000	99	313056	50.0	49.1	
59 Coumarin	146	7.128	7.128	0.000	83	105794	50.0	49.6	
60 2,6-Dinitrotoluene	165	7.163	7.163	0.000	94	77676	50.0	52.4	
61 Acenaphthylene	152	7.228	7.228	0.000	98	511821	50.0	49.7	
64 3-Nitroaniline	138	7.328	7.328	0.000	98	78011	50.0	46.7	
* 65 Acenaphthene-d10	164	7.369	7.369	0.000	96	205250	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.392	7.392	0.000	96	345696	50.0	56.0	
67 Acenaphthene	154	7.398	7.398	0.000	94	312389	50.0	49.5	
68 2,4-Dinitrophenol	184	7.434	7.434	0.000	92	75127	100.0	91.0	
69 4-Nitrophenol	65	7.510	7.510	0.000	87	83749	100.0	84.9	
70 2,4-Dinitrotoluene	165	7.557	7.557	0.000	98	89823	50.0	53.1	
71 Dibenzofuran	168	7.569	7.569	0.000	97	451060	50.0	50.5	
72 2,3,4,6-Tetrachlorophenol	232	7.698	7.698	0.000	96	79235	50.0	52.0	
73 Diethyl phthalate	149	7.804	7.804	0.000	99	276060	50.0	49.4	
74 4-Chlorophenyl phenyl ethe	204	7.904	7.904	0.000	91	168023	50.0	51.5	
75 Fluorene	166	7.910	7.910	0.000	97	348834	50.0	50.2	
76 4-Nitroaniline	138	7.939	7.939	0.000	89	66929	50.0	46.3	
77 4,6-Dinitro-2-methylphenol	198	7.969	7.969	0.000	92	92590	100.0	98.0	
78 N-Nitrosodiphenylamine	169	8.028	8.028	0.000	71	465877	85.0	86.2	
79 1,2-Diphenylhydrazine	77	8.063	8.063	0.000	95	287881	50.0	49.4	
$ 80 2,4,6-Tribromophenol	330	8.145	8.145	0.000	94	47708	50.0	58.5	
81 4-Bromophenyl phenyl ether	248	8.386	8.386	0.000	93	87951	50.0	53.3	
83 Hexachlorobenzene	284	8.457	8.457	0.000	96	93878	50.0	55.5	
85 Pentachlorophenol	266	8.651	8.651	0.000	95	96566	100.0	102.1	
86 Pentachloronitrobenzene	237	8.663	8.663	0.000	91	30246	50.0	53.8	
87 n-Octadecane	57	8.728	8.728	0.000	94	200048	50.0	51.5	
* 88 Phenanthrene-d10	188	8.828	8.828	0.000	99	269252	40.0	40.0	
89 Phenanthrene	178	8.851	8.851	0.000	97	388800	50.0	49.3	
90 Anthracene	178	8.904	8.904	0.000	99	401665	50.0	50.9	
91 Carbazole	167	9.063	9.063	0.000	95	316466	50.0	48.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Di-n-butyl phthalate	149	9.404	9.404	0.000	100	362084	50.0	50.0	
93 Fluoranthene	202	10.022	10.022	0.000	98	323884	50.0	50.1	
94 Benzidine	184	10.151	10.151	0.000	99	110152	50.0	33.5	
95 Pyrene	202	10.245	10.245	0.000	97	315558	50.0	53.6	
82 Bisphenol-A	213	10.292	10.292	0.000	99	98260	50.0	48.5	
$ 96 Terphenyl-d14	244	10.404	10.404	0.000	99	221713	50.0	57.1	
97 Butyl benzyl phthalate	149	10.927	10.927	0.000	97	104830	50.0	49.6	
98 2,3,7,8-TCDD	320	11.045	11.045	0.000	89	305	0.5000	0.6368	
99 Carbamazepine	193	11.051	11.051	0.000	93	65435	50.0	42.4	
100 3,3'-Dichlorobenzidine	252	11.551	11.551	0.000	100	66328	50.0	49.7	
101 Benzo[a]anthracene	228	11.580	11.580	0.000	99	204113	50.0	47.7	
* 102 Chrysene-d12	240	11.598	11.598	0.000	99	140066	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.622	11.622	0.000	88	143838	50.0	50.4	
103 Chrysene	228	11.627	11.627	0.000	98	189690	50.0	49.3	
105 Di-n-octyl phthalate	149	12.480	12.480	0.000	97	202658	50.0	54.4	
106 Benzo[b]fluoranthene	252	12.998	12.998	0.000	98	141134	50.0	50.4	
107 Benzo[k]fluoranthene	252	13.033	13.033	0.000	99	156219	50.0	52.2	
108 Benzo[a]pyrene	252	13.439	13.439	0.000	96	133855	50.0	53.8	
* 109 Perylene-d12	264	13.521	13.521	0.000	98	96915	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.045	15.045	0.000	99	114274	50.0	52.4	
111 Dibenz(a,h)anthracene	278	15.080	15.080	0.000	96	114263	50.0	51.7	
112 Benzo[g,h,i]perylene	276	15.468	15.468	0.000	97	111938	50.0	50.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_IC_BNA_L6_00015 Amount Added: 1.00 Units: mL

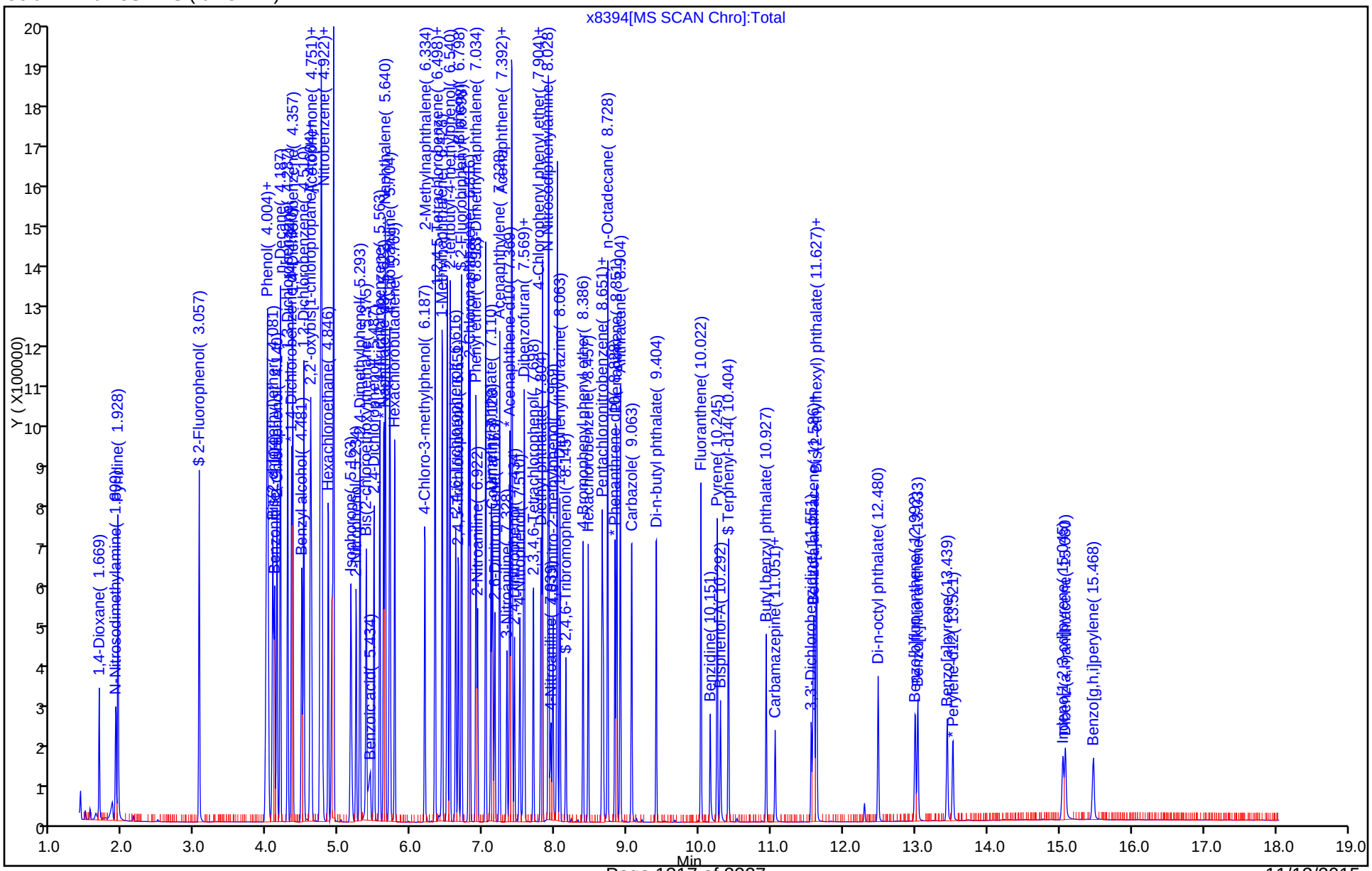
Report Date: 11-Nov-2015 23:52:19 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8394.D

Injection Date:	11-Nov-2015 02:40:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	ccvis			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334538/3 Calibration Date: 11/11/2015 03:08

Instrument ID: CBNAMS5 Calib Start Date: 11/08/2015 18:40

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 11/08/2015 21:05

Lab File ID: x8395.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.099	1.114	0.0100	50700	50000	1.4	20.0
Caprolactam	Ave	0.0819	0.0853	0.0100	52100	50000	4.2	20.0
Atrazine	Ave	0.1958	0.2062	0.0100	52600	50000	5.3	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8395.D
Lims ID: ccv
Client ID:
Sample Type: CCV
Inject. Date: 11-Nov-2015 03:08:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034083-003
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub34

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 23:52:22 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: sangfaib Date: 11-Nov-2015 22:55:38

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.899	3.899	0.000	96	217812	50.0	50.7	
* 14 1,4-Dichlorobenzene-d4	152	4.334	4.334	0.000	95	156377	40.0	40.0	
* 38 Naphthalene-d8	136	5.616	5.616	0.000	99	572529	40.0	40.0	
42 Caprolactam	113	6.028	6.028	0.000	94	61060	50.0	52.1	
* 65 Acenaphthene-d10	164	7.363	7.363	0.000	92	281067	40.0	40.0	
84 Atrazine	200	8.551	8.551	0.000	95	93755	50.0	52.6	
* 88 Phenanthrene-d10	188	8.828	8.828	0.000	98	363752	40.0	40.0	
* 102 Chrysene-d12	240	11.592	11.592	0.000	99	190782	40.0	40.0	
* 109 Perylene-d12	264	13.521	13.521	0.000	98	124099	40.0	40.0	

Reagents:

SV_IC-S_L6_00012 Amount Added: 1.00 Units: mL

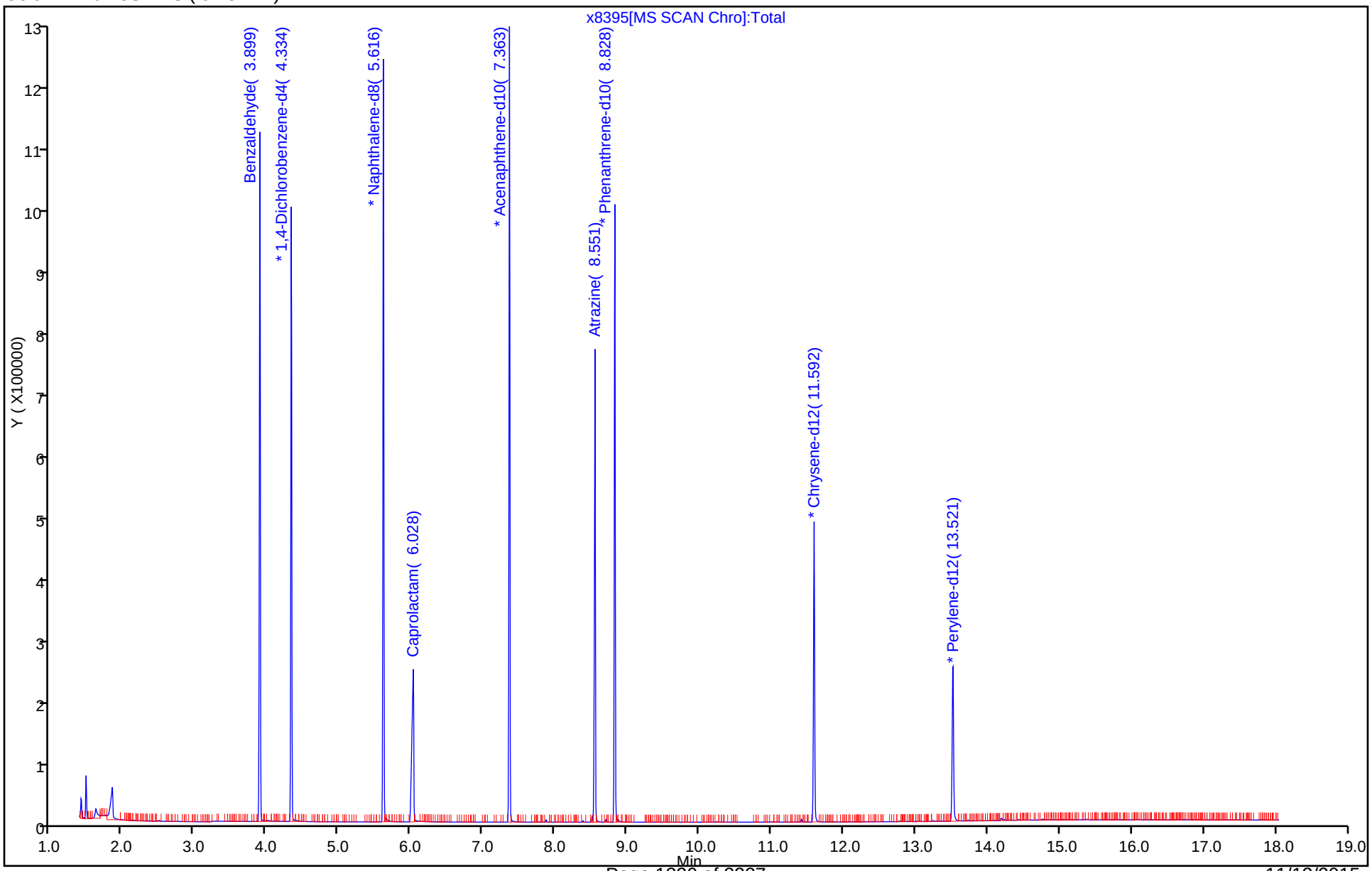
Report Date: 11-Nov-2015 23:52:23 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8395.D

Injection Date:	11-Nov-2015 03:08:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	ccv			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: ICV 460-334749/10 Calibration Date: 11/11/2015 19:48

Instrument ID: CBNAMS6 Calib Start Date: 11/11/2015 16:58

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 11/11/2015 19:26

Lab File ID: M966469.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6117	0.6751	0.0100	5520	5000	10.4	30.0
N-Nitrosodimethylamine	Ave	1.178	1.030		4370	5000	-12.6	30.0
Pyridine	Ave	1.648	1.710		5190	5000	3.8	30.0
Aniline	Ave	2.612	2.725		5220	5000	4.4	30.0
Phenol	Ave	2.117	2.415	0.8000	5700	5000	14.0	30.0
Bis(2-chloroethyl)ether	Ave	1.939	1.925	0.7000	4970	5000	-0.7	30.0
2-Chlorophenol	Ave	1.412	1.524	0.8000	5400	5000	8.0	30.0
n-Decane	QuaF		2.106	0.0100	5810	5000	16.1	30.0
1,3-Dichlorobenzene	Ave	1.451	1.522		5240	5000	4.9	30.0
1,4-Dichlorobenzene	Ave	1.387	1.488		5370	5000	7.3	30.0
Benzyl alcohol	Ave	1.023	1.115	0.0100	5450	5000	9.0	30.0
1,2-Dichlorobenzene	QuaF		1.480		5810	5000	16.3	30.0
2,2'-oxybis[1-chloropropane]	Ave	3.477	3.653	0.0100	5250	5000	5.1	30.0
2-Methylphenol	Ave	1.428	1.507	0.7000	5280	5000	5.6	30.0
Acetophenone	Ave	1.991	2.001	0.0100	5030	5000	0.5	30.0
N-Nitrosodi-n-propylamine	Ave	1.454	1.332	0.5000	4580	5000	-8.4	30.0
3 & 4 Methylphenol	Ave	1.482	1.648		5560	5000	11.2	30.0
4-Methylphenol	Ave	1.459	1.619	0.6000	5550	5000	11.0	30.0
Hexachloroethane	Ave	0.7428	0.7673	0.3000	5160	5000	3.3	30.0
Nitrobenzene	QuaF		0.7823	0.2000	5360	5000	7.2	30.0
n,n'-Dimethylaniline	QuaF		1.815	0.0100	5050	5000	1.0	30.0
Isophorone	Ave	1.139	1.180	0.4000	5180	5000	3.7	30.0
2-Nitrophenol	Ave	0.2806	0.2889	0.1000	5150	5000	3.0	30.0
2,4-Dimethylphenol	Ave	0.3663	0.3791	0.2000	5170	5000	3.5	30.0
Bis(2-chloroethoxy)methane	Ave	0.5871	0.6323	0.3000	5380	5000	7.7	30.0
2,4-Dichlorophenol	Ave	0.3535	0.4039	0.2000	5710	5000	14.2	30.0
1,2,4-Trichlorobenzene	Ave	0.3762	0.3821		5080	5000	1.6	30.0
Naphthalene	Ave	1.043	1.075	0.7000	5150	5000	3.0	30.0
4-Chloroaniline	Ave	0.4959	0.5242	0.0100	5280	5000	5.7	30.0
Hexachlorobutadiene	Ave	0.2074	0.2220	0.0100	5350	5000	7.0	30.0
4-Chloro-3-methylphenol	Ave	0.3909	0.4290		5490	5000	9.8	30.0
2-Methylnaphthalene	Qua		0.7705	0.4000	5300	5000	6.1	30.0
1-Methylnaphthalene	Ave	0.6457	0.7279	0.0100	5640	5000	12.7	30.0
Hexachlorocyclopentadiene	Ave	0.3675	0.4071	0.0500	5540	5000	10.8	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6876	0.6771	0.0100	4920	5000	-1.5	30.0
2-tertbutyl-4-methylphenol	Ave	0.4880	0.5237	0.0100	5370	5000	7.3	30.0
2,4,6-Trichlorophenol	Ave	0.4869	0.4898	0.2000	5030	5000	0.6	30.0
2,4,5-Trichlorophenol	Ave	0.4648	0.5123	0.2000	5510	5000	10.2	30.0
Diphenyl	Ave	1.633	1.697	0.0100	5200	5000	3.9	30.0
2-Chloronaphthalene	Ave	1.253	1.268	0.8000	5060	5000	1.2	30.0
Phenyl ether	Ave	0.8920	0.9247	0.0100	5180	5000	3.7	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: ICV 460-334749/10 Calibration Date: 11/11/2015 19:48

Instrument ID: CBNAMS6 Calib Start Date: 11/11/2015 16:58

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 11/11/2015 19:26

Lab File ID: M966469.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Nitroaniline	Ave	0.6176	0.6182	0.0100	5000	5000	0.0	30.0
1,3-Dimethylnaphthalene	Ave	1.070	1.090	0.0100	5100	5000	1.9	30.0
Dimethyl phthalate	Ave	1.464	1.446	0.0100	4940	5000	-1.2	30.0
Coumarin	Qua		0.2606	0.0100	5330	5000	6.6	30.0
2,6-Dinitrotoluene	Ave	0.4090	0.3943	0.2000	4820	5000	-3.6	30.0
Acenaphthylene	Ave	2.031	2.066	0.9000	5090	5000	1.7	30.0
3-Nitroaniline	Ave	0.4555	0.4393	0.0100	4820	5000	-3.6	30.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.8752	0.9282	0.0100	5300	5000	6.1	30.0
Acenaphthene	Qua		1.125	0.9000	5340	5000	6.8	30.0
2,4-Dinitrophenol	Ave	0.2362	0.2357	0.0100	9980	10000	-0.2	30.0
2,4-Dinitrotoluene	Ave	0.4791	0.4736	0.2000	4940	5000	-1.1	30.0
Dibenzofuran	Ave	1.767	1.732	0.8000	4900	5000	-2.0	30.0
4-Nitrophenol	Ave	0.3635	0.3753	0.0100	10300	10000	3.3	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.4035	0.3953	0.0100	4900	5000	-2.0	30.0
Diethyl phthalate	QuaF		1.474	0.0100	5590	5000	11.9	30.0
Fluorene	QuaF		1.298	0.9000	5630	5000	12.6	30.0
4-Chlorophenyl phenyl ether	Ave	0.6287	0.6437	0.4000	5120	5000	2.4	30.0
4-Nitroaniline	Ave	0.3843	0.4056	0.0100	5280	5000	5.5	30.0
4,6-Dinitro-2-methylphenol	Ave	0.1726	0.1921	0.0100	11100	10000	11.3	30.0
N-Nitrosodiphenylamine	Ave	0.7510	0.7495	0.0100	8480	8500	-0.2	30.0
1,2-Diphenylhydrazine	QuaF		1.354	0.0100	5940	5000	18.8	30.0
4-Bromophenyl phenyl ether	Ave	0.2609	0.2954	0.1000	5660	5000	13.2	30.0
Hexachlorobenzene	Ave	0.3119	0.3304	0.1000	5300	5000	5.9	30.0
Pentachloronitrobenzene	Ave	0.1042	0.1152	0.0100	5530	5000	10.6	30.0
Pentachlorophenol	Ave	0.1362	0.1600	0.0500	11800	10000	17.5	30.0
n-Octadecane	Qua		0.8765	0.0100	5580	5000	11.6	30.0
Phenanthrene	Ave	1.025	1.071	0.7000	5230	5000	4.5	30.0
Anthracene	Ave	1.034	1.124	0.7000	5430	5000	8.7	30.0
Carbazole	Ave	1.041	1.096	0.0100	5270	5000	5.4	30.0
Di-n-butyl phthalate	Qua		1.475	0.0100	5480	5000	9.6	30.0
Fluoranthene	Ave	1.043	1.139	0.6000	5460	5000	9.3	30.0
Benzidine	Ave	0.5162	0.5546		5370	5000	7.4	30.0
Pyrene	Ave	1.505	1.587	0.6000	5270	5000	5.5	30.0
Bisphenol-A	Ave	0.6083	0.6255		5140	5000	2.8	30.0
Butyl benzyl phthalate	Ave	0.7733	0.8180	0.0100	5290	5000	5.8	30.0
Carbamazepine	Ave	0.4530	0.4511	0.0100	4980	5000	-0.4	30.0
3,3'-Dichlorobenzidine	Ave	0.4426	0.4587	0.0100	5180	5000	3.6	30.0
Benzo[a]anthracene	Ave	1.193	1.223	0.8000	5120	5000	2.5	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.9065	0.9638	0.0100	5320	5000	6.3	30.0
Chrysene	Ave	1.014	1.144	0.7000	5640	5000	12.8	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: ICV 460-334749/10 Calibration Date: 11/11/2015 19:48

Instrument ID: CBNAMS6 Calib Start Date: 11/11/2015 16:58

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 11/11/2015 19:26

Lab File ID: M966469.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Di-n-octyl phthalate	Ave	1.687	1.963	0.0100	5820	5000	16.4	30.0
Benzo[b]fluoranthene	Ave	1.132	1.206	0.7000	5330	5000	6.6	30.0
Benzo[k]fluoranthene	Ave	1.208	1.136	0.7000	4700	5000	-6.0	30.0
Benzo[a]pyrene	Ave	1.071	1.125	0.7000	5260	5000	5.1	30.0
Indeno[1,2,3-cd]pyrene	Ave	0.9643	0.8747	0.5000	4540	5000	-9.3	30.0
Dibenz(a,h)anthracene	Ave	0.9237	0.9762	0.4000	5280	5000	5.7	30.0
Benzo[g,h,i]perylene	Ave	0.9750	1.036	0.5000	5310	5000	6.3	30.0
Benzoic acid	Lin2				50.0	5000	-100.0*	30.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966469.D
Lims ID: icv
Client ID:
Sample Type: ICV
Inject. Date: 11-Nov-2015 19:48:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034125-010
Operator ID: Instrument ID: CBNAMS6
Sublist:

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 11:41:10 Calib Date: 11-Nov-2015 19:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: bayoumiw Date: 11-Nov-2015 22:04:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.657	1.656	0.001	96	290290	5.00	5.52	
2 N-Nitrosodimethylamine	74	1.872	1.878	-0.006	77	442784	5.00	4.37	
3 Pyridine	79	1.901	1.901	0.000	82	735457	5.00	5.19	
8 Aniline	93	3.928	3.934	-0.006	98	1171808	5.00	5.22	
7 Phenol	94	3.965	3.964	0.001	94	1038236	5.00	5.70	
9 Bis(2-chloroethyl)ether	93	3.980	3.994	-0.014	85	827883	5.00	4.97	
10 Benzonitrile	103	4.003	4.009	-0.006	84	1314833	NC	NC	
11 2-Chlorophenol	128	4.070	4.069	0.001	88	655465	5.00	5.40	
12 n-Decane	43	4.093	4.099	-0.006	91	905692	5.00	5.81	
13 1,3-Dichlorobenzene	146	4.196	4.196	0.000	89	654223	5.00	5.24	
* 14 1,4-Dichlorobenzene-d4	152	4.248	4.246	0.002	95	687963	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.271	4.271	0.000	90	639876	5.00	5.37	
17 Benzyl alcohol	108	4.404	4.412	-0.008	85	479407	5.00	5.45	
18 1,2-Dichlorobenzene	146	4.419	4.427	-0.008	88	636390	5.00	5.81	
20 2,2'-oxybis[1-chloropropan	45	4.532	4.532	0.000	90	1570755	5.00	5.25	
19 2-Methylphenol	108	4.554	4.562	-0.008	85	648074	5.00	5.28	
23 N-Methylaniline	106	4.651	4.659	-0.008	73	940996	NC	NC	
24 Acetophenone	105	4.666	4.674	-0.008	80	860412	5.00	5.03	
25 N-Nitrosodi-n-propylamine	70	4.666	4.682	-0.016	95	572688	5.00	4.58	
26 3 & 4 Methylphenol	108	4.711	4.719	-0.008	20	708543	5.00	5.56	
21 4-Methylphenol	108	4.711	4.719	-0.008	92	696327	5.00	5.55	
27 Hexachloroethane	117	4.756	4.764	-0.008	82	329903	5.00	5.16	
29 Nitrobenzene	77	4.830	4.847	-0.017	84	1086320	5.00	5.36	
30 n,n'-Dimethylaniline	120	4.838	4.847	-0.009	76	780568	5.00	5.05	
31 Isophorone	82	5.076	5.085	-0.009	96	1638883	5.00	5.18	
32 2-Nitrophenol	139	5.158	5.160	-0.002	84	401204	5.00	5.15	
33 2,4-Dimethylphenol	122	5.240	5.242	-0.002	85	526377	5.00	5.17	
34 Bis(2-chloroethoxy)methane	93	5.300	5.309	-0.009	93	878074	5.00	5.38	
36 2,4-Dichlorophenol	162	5.433	5.436	-0.003	91	560800	5.00	5.71	
37 1,2,4-Trichlorobenzene	180	5.485	5.486	-0.001	86	530547	5.00	5.08	
* 38 Naphthalene-d8	136	5.538	5.536	0.002	98	2221811	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
39 Naphthalene	128	5.560	5.566	-0.006	97	1492695	5.00	5.15	
40 4-Chloroaniline	127	5.628	5.633	-0.005	88	727849	5.00	5.28	
41 Hexachlorobutadiene	225	5.695	5.693	0.002	90	308221	5.00	5.35	
44 4-Chloro-3-methylphenol	107	6.157	6.160	-0.004	89	595777	5.00	5.49	
45 2-Methylnaphthalene	142	6.254	6.256	-0.002	79	1069876	5.00	5.30	
46 1-Methylnaphthalene	142	6.351	6.353	-0.002	80	1010822	5.00	5.64	
47 Hexachlorocyclopentadiene	237	6.418	6.420	-0.002	80	302433	5.00	5.54	
48 1,2,4,5-Tetrachlorobenzene	216	6.425	6.435	-0.010	89	502948	5.00	4.92	
49 2-tertbutyl-4-methylphenol	149	6.485	6.487	-0.002	87	727175	5.00	5.37	
50 2,4,6-Trichlorophenol	196	6.560	6.560	0.000	85	363809	5.00	5.03	
51 2,4,5-Trichlorophenol	196	6.620	6.626	-0.006	90	380555	5.00	5.51	
53 1,1'-Biphenyl	154	6.725	6.731	-0.006	97	1260306	5.00	5.20	
54 2-Chloronaphthalene	162	6.740	6.746	-0.006	93	942122	5.00	5.06	
55 Phenyl ether	170	6.830	6.827	0.003	87	686926	5.00	5.18	
57 2-Nitroaniline	65	6.852	6.858	-0.006	68	459215	5.00	5.00	
58 1,3-Dimethylnaphthalene	156	6.957	6.963	-0.006	88	809925	5.00	5.10	
59 Dimethyl phthalate	163	7.038	7.046	-0.008	95	1074394	5.00	4.94	
60 Coumarin	146	7.053	7.060	-0.007	73	361902	5.00	5.33	
61 2,6-Dinitrotoluene	165	7.091	7.098	-0.007	30	292897	5.00	4.82	
62 Acenaphthylene	152	7.149	7.157	-0.008	95	1534354	5.00	5.09	
63 3-Nitroaniline	138	7.265	7.275	-0.010	89	326335	5.00	4.82	
* 64 Acenaphthene-d10	164	7.295	7.293	0.002	86	1188538	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.324	7.328	-0.004	85	689499	5.00	5.30	
66 Acenaphthene	154	7.324	7.328	-0.004	92	835766	5.00	5.34	
67 2,4-Dinitrophenol	184	7.369	7.373	-0.004	92	350132	10.0	9.98	
70 2,4-Dinitrotoluene	165	7.487	7.493	-0.006	85	351825	5.00	4.94	
71 Dibenzofuran	168	7.495	7.501	-0.006	89	1286278	5.00	4.90	
69 4-Nitrophenol	65	7.518	7.516	0.002	33	557602	10.0	10.3	
72 2,3,4,6-Tetrachlorophenol	232	7.637	7.637	0.000	86	293620	5.00	4.90	
73 Diethyl phthalate	149	7.735	7.739	-0.004	96	1094808	5.00	5.59	
74 4-Chlorophenyl phenyl ethe	204	7.837	7.835	0.002	78	478150	5.00	5.12	
75 Fluorene	166	7.830	7.835	-0.005	77	963874	5.00	5.63	
76 4-Nitroaniline	138	7.882	7.895	-0.013	59	301318	5.00	5.28	
77 4,6-Dinitro-2-methylphenol	198	7.897	7.910	-0.013	76	424754	10.0	11.1	
78 N-Nitrosodiphenylamine	169	7.955	7.970	-0.015	67	1408913	8.50	8.48	
79 1,2-Diphenylhydrazine	77	7.993	8.000	-0.007	94	1497329	5.00	5.94	
81 4-Bromophenyl phenyl ether	248	8.313	8.321	-0.008	78	326619	5.00	5.66	
82 Hexachlorobenzene	284	8.381	8.389	-0.008	93	365350	5.00	5.30	
85 Pentachloronitrobenzene	237	8.594	8.589	0.005	55	127382	5.00	5.53	
84 Pentachlorophenol	266	8.594	8.596	-0.002	89	353888	10.0	11.8	
86 n-Octadecane	57	8.660	8.662	-0.002	96	969156	5.00	5.58	
* 87 Phenanthrene-d10	188	8.756	8.750	0.006	99	1769186	8.00	8.00	
88 Phenanthrene	178	8.778	8.782	-0.004	97	1184362	5.00	5.23	
89 Anthracene	178	8.830	8.835	-0.005	97	1242399	5.00	5.43	
90 Carbazole	167	8.994	9.000	-0.006	83	1212205	5.00	5.27	
91 Di-n-butyl phthalate	149	9.336	9.337	-0.001	99	1630710	5.00	5.48	
92 Fluoranthene	202	9.939	9.949	-0.010	97	1259838	5.00	5.46	
93 Benzidine	184	10.081	10.084	-0.003	99	613206	5.00	5.37	
94 Pyrene	202	10.162	10.167	-0.005	96	1227864	5.00	5.27	
95 Bisphenol-A	213	10.230	10.234	-0.004	0	483869	5.00	5.14	
97 Butyl benzyl phthalate	149	10.844	10.841	0.003	96	632725	5.00	5.29	
99 Carbamazepine	193	10.964	10.973	-0.009	83	348935	5.00	4.98	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
100 3,3'-Dichlorobenzidine	252	11.456	11.462	-0.006	97	354811	5.00	5.18	
101 Benzo[a]anthracene	228	11.477	11.483	-0.006	98	946077	5.00	5.12	
* 102 Chrysene-d12	240	11.491	11.487	0.004	98	1237665	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.520	11.524	-0.004	89	745552	5.00	5.32	
104 Chrysene	228	11.520	11.531	-0.011	83	885201	5.00	5.64	
105 Di-n-octyl phthalate	149	12.365	12.367	-0.002	96	1235789	5.00	5.82	
106 Benzo[b]fluoranthene	252	12.861	12.874	-0.013	89	759366	5.00	5.33	
107 Benzo[k]fluoranthene	252	12.899	12.912	-0.013	86	714840	5.00	4.70	
108 Benzo[a]pyrene	252	13.303	13.314	-0.011	97	708174	5.00	5.26	
* 109 Perylene-d12	264	13.386	13.386	0.000	99	1007060	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.863	14.875	-0.012	99	550533	5.00	4.54	M
111 Dibenz(a,h)anthracene	278	14.893	14.913	-0.020	96	614457	5.00	5.28	
112 Benzo[g,h,i]perylene	276	15.266	15.284	-0.018	91	652325	5.00	5.31	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_ICV LVI_00012 Amount Added: 1.00 Units: mL

Report Date: 12-Nov-2015 11:41:17 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966469.D

Injection Date: 11-Nov-2015 19:48:30 Instrument ID: CBNAMS6 Operator ID:

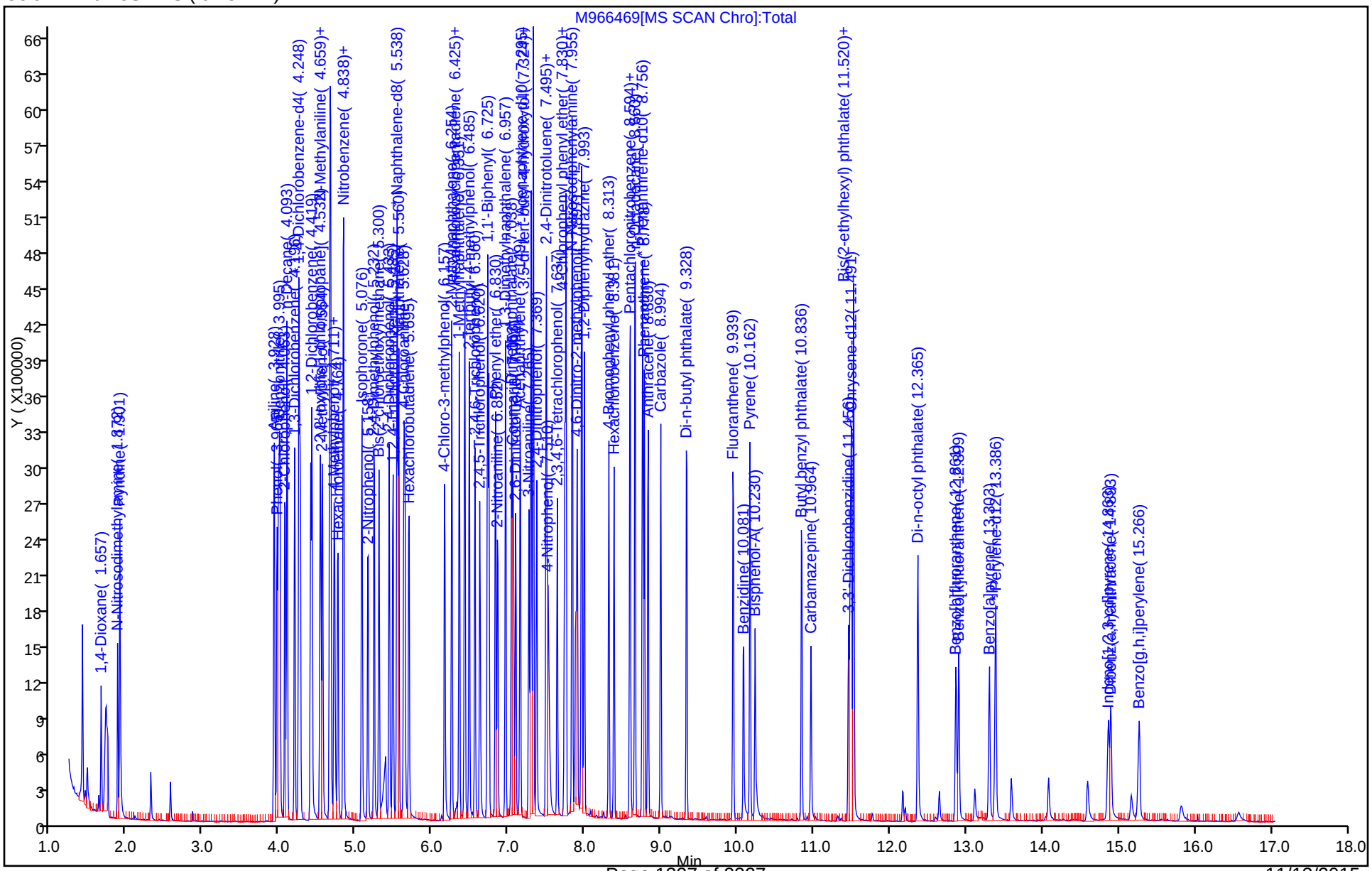
Lims ID: icv Worklist Smp#: 10

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 10

Method: 8270LVI_R6 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334836/2 Calibration Date: 11/12/2015 09:54

Instrument ID: CBNAMS6 Calib Start Date: 11/11/2015 16:58

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 11/11/2015 19:26

Lab File ID: M966496.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6117	0.6240	0.0100	10200	10000	2.0	20.0
N-Nitrosodimethylamine	Ave	1.178	1.204		10200	10000	2.3	20.0
Pyridine	Ave	1.648	1.619		9830	10000	-1.7	20.0
Aniline	Ave	2.612	2.623		10000	10000	0.4	20.0
Phenol	Ave	2.117	2.113	0.8000	9980	10000	-0.2	20.0
Bis(2-chloroethyl)ether	Ave	1.939	1.605	0.7000	8280	10000	-17.2	20.0
2-Chlorophenol	Ave	1.412	1.376	0.8000	9750	10000	-2.5	20.0
n-Decane	QuaF		1.950	0.0100	11800	10000	18.3	20.0
1,3-Dichlorobenzene	Ave	1.451	1.401		9650	10000	-3.5	20.0
1,4-Dichlorobenzene	Ave	1.387	1.324		9550	10000	-4.5	20.0
Benzyl alcohol	Ave	1.023	1.049	0.0100	10300	10000	2.6	20.0
1,2-Dichlorobenzene	QuaF		1.394		11700	10000	16.5	20.0
2,2'-oxybis[1-chloropropane]	Ave	3.477	3.312	0.0100	9520	10000	-4.8	20.0
2-Methylphenol	Ave	1.428	1.414	0.7000	9910	10000	-0.9	20.0
Acetophenone	Ave	1.991	1.851	0.0100	9300	10000	-7.0	20.0
N-Nitrosodi-n-propylamine	Ave	1.454	1.293	0.5000	8890	10000	-11.1	20.0
3 & 4 Methylphenol	Ave	1.482	1.514		10200	10000	2.1	20.0
4-Methylphenol	Ave	1.459	1.482	0.6000	10200	10000	1.6	20.0
Hexachloroethane	Ave	0.7428	0.6929	0.3000	9330	10000	-6.7	20.0
Nitrobenzene	QuaF		0.6661	0.2000	10400	10000	3.8	20.0
n,n'-Dimethylaniline	QuaF		1.587	0.0100	10200	10000	1.6	20.0
Isophorone	Ave	1.139	1.083	0.4000	9520	10000	-4.8	20.0
2-Nitrophenol	Ave	0.2806	0.2620	0.1000	9340	10000	-6.6	20.0
2,4-Dimethylphenol	Ave	0.3663	0.3429	0.2000	9360	10000	-6.4	20.0
Bis(2-chloroethoxy)methane	Ave	0.5871	0.5666	0.3000	9650	10000	-3.5	20.0
Benzoic acid	Lin2		0.1888		9170	10000	-8.3	20.0
2,4-Dichlorophenol	Ave	0.3535	0.3458	0.2000	9780	10000	-2.2	20.0
1,2,4-Trichlorobenzene	Ave	0.3762	0.3422		9100	10000	-9.0	20.0
Naphthalene	Ave	1.043	0.9113	0.7000	8730	10000	-12.7	20.0
4-Chloroaniline	Ave	0.4959	0.4713	0.0100	9500	10000	-5.0	20.0
Hexachlorobutadiene	Ave	0.2074	0.1866	0.0100	8990	10000	-10.1	20.0
4-Chloro-3-methylphenol	Ave	0.3909	0.3959		10100	10000	1.3	20.0
2-Methylnaphthalene	Qua		0.6732	0.4000	10200	10000	1.9	20.0
1-Methylnaphthalene	Ave	0.6457	0.5943	0.0100	9200	10000	-8.0	20.0
Hexachlorocyclopentadiene	Ave	0.3675	0.3879	0.0500	10600	10000	5.6	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6876	0.6823	0.0100	9920	10000	-0.8	20.0
2-tertbutyl-4-methylphenol	Ave	0.4880	0.4583	0.0100	9390	10000	-6.1	20.0
2,4,6-Trichlorophenol	Ave	0.4869	0.4785	0.2000	9830	10000	-1.7	20.0
2,4,5-Trichlorophenol	Ave	0.4648	0.4954	0.2000	10700	10000	6.6	20.0
Diphenyl	Ave	1.633	1.472	0.0100	9020	10000	-9.8	20.0
2-Chloronaphthalene	Ave	1.253	1.179	0.8000	9410	10000	-5.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334836/2 Calibration Date: 11/12/2015 09:54

Instrument ID: CBNAMS6 Calib Start Date: 11/11/2015 16:58

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 11/11/2015 19:26

Lab File ID: M966496.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.8920	0.8901	0.0100	9980	10000	-0.2	20.0
2-Nitroaniline	Ave	0.6176	0.6320	0.0100	10200	10000	2.3	20.0
1,3-Dimethylnaphthalene	Ave	1.070	1.032	0.0100	9650	10000	-3.5	20.0
Dimethyl phthalate	Ave	1.464	1.347	0.0100	9200	10000	-8.0	20.0
Coumarin	Qua		0.2408	0.0100	10900	10000	9.1	20.0
2,6-Dinitrotoluene	Ave	0.4090	0.3962	0.2000	9690	10000	-3.1	20.0
Acenaphthylene	Ave	2.031	1.953	0.9000	9620	10000	-3.8	20.0
3-Nitroaniline	Ave	0.4555	0.4404	0.0100	9670	10000	-3.3	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.8752	0.8637	0.0100	9870	10000	-1.3	20.0
Acenaphthene	Qua		0.9694	0.9000	10200	10000	2.5	20.0
2,4-Dinitrophenol	Ave	0.2362	0.2460	0.0100	20800	20000	4.2	20.0
2,4-Dinitrotoluene	Ave	0.4791	0.4469	0.2000	9330	10000	-6.7	20.0
Dibenzofuran	Ave	1.767	1.575	0.8000	8920	10000	-10.8	20.0
4-Nitrophenol	Ave	0.3635	0.3864	0.0100	21300	20000	6.3	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.4035	0.3784	0.0100	9380	10000	-6.2	20.0
Diethyl phthalate	QuaF		1.377	0.0100	11400	10000	14.3	20.0
4-Chlorophenyl phenyl ether	Ave	0.6287	0.5525	0.4000	8790	10000	-12.1	20.0
Fluorene	QuaF		1.127	0.9000	10400	10000	4.3	20.0
4-Nitroaniline	Ave	0.3843	0.3894	0.0100	10100	10000	1.3	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1726	0.1755	0.0100	20300	20000	1.7	20.0
N-Nitrosodiphenylamine	Ave	0.7510	0.6427	0.0100	14500	17000	-14.4	20.0
1,2-Diphenylhydrazine	QuaF		1.145	0.0100	10600	10000	5.7	20.0
4-Bromophenyl phenyl ether	Ave	0.2609	0.2528	0.1000	9690	10000	-3.1	20.0
Hexachlorobenzene	Ave	0.3119	0.2918	0.1000	9350	10000	-6.5	20.0
Pentachloronitrobenzene	Ave	0.1042	0.1066	0.0100	10200	10000	2.3	20.0
Pentachlorophenol	Ave	0.1362	0.1247	0.0500	18300	20000	-8.4	20.0
n-Octadecane	Qua		0.7037	0.0100	10100	10000	0.6	20.0
Phenanthrene	Ave	1.025	0.9665	0.7000	9430	10000	-5.7	20.0
Anthracene	Ave	1.034	0.9932	0.7000	9610	10000	-3.9	20.0
Carbazole	Ave	1.041	0.9939	0.0100	9550	10000	-4.5	20.0
Di-n-butyl phthalate	Qua		1.300	0.0100	10800	10000	7.6	20.0
Fluoranthene	Ave	1.043	1.023	0.6000	9810	10000	-1.9	20.0
Benzidine	Ave	0.5162	0.5532		10700	10000	7.2	20.0
Pyrene	Ave	1.505	1.375	0.6000	9140	10000	-8.6	20.0
Bisphenol-A	Ave	0.6083	0.5589		9190	10000	-8.1	20.0
Butyl benzyl phthalate	Ave	0.7733	0.7750	0.0100	10000	10000	0.2	20.0
Carbamazepine	Ave	0.4530	0.5103	0.0100	11300	10000	12.6	20.0
3,3'-Dichlorobenzidine	Ave	0.4426	0.4912	0.0100	11100	10000	11.0	20.0
Benzo[a]anthracene	Ave	1.193	1.136	0.8000	9520	10000	-4.8	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9065	0.8580	0.0100	9470	10000	-5.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334836/2 Calibration Date: 11/12/2015 09:54

Instrument ID: CBNAMS6 Calib Start Date: 11/11/2015 16:58

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 11/11/2015 19:26

Lab File ID: M966496.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chrysene	Ave	1.014	1.010	0.7000	9960	10000	-0.4	20.0
Di-n-octyl phthalate	Ave	1.687	1.617	0.0100	9590	10000	-4.1	20.0
Benzo[b]fluoranthene	Ave	1.132	1.060	0.7000	9370	10000	-6.3	20.0
Benzo[k]fluoranthene	Ave	1.208	1.049	0.7000	8680	10000	-13.2	20.0
Benzo[a]pyrene	Ave	1.071	1.038	0.7000	9690	10000	-3.1	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.9643	0.8628	0.5000	8950	10000	-10.5	20.0
Dibenz(a,h)anthracene	Ave	0.9237	0.8791	0.4000	9520	10000	-4.8	20.0
Benzo[g,h,i]perylene	Ave	0.9750	0.9730	0.5000	9980	10000	-0.2	20.0
2,3,7,8-TCDD	Ave	0.2086			1.00	100		
2-Fluorophenol	Ave	1.557	1.560	0.0100	10000	10000	0.2	20.0
Phenol-d5	Ave	2.003	1.989	0.0100	9930	10000	-0.7	20.0
Nitrobenzene-d5	Ave	0.5985	0.5820	0.0100	9720	10000	-2.8	20.0
2-Fluorobiphenyl	Ave	1.573	1.394	0.0100	8870	10000	-11.3	20.0
2,4,6-Tribromophenol	Ave	0.2943	0.2791	0.0100	9480	10000	-5.2	20.0
Terphenyl-d14	Ave	1.093	1.039	0.0100	9510	10000	-4.9	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151112-34144.b\M966496.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 12-Nov-2015 09:54:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034144-002
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub31

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151112-34144.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 13:59:32 Calib Date: 11-Nov-2015 19:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: manlangitf Date: 12-Nov-2015 10:06:08

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.517	1.517	0.000	96	507478	10.0	10.2	
2 N-Nitrosodimethylamine	74	1.733	1.733	0.000	77	979424	10.0	10.2	
3 Pyridine	79	1.755	1.755	0.000	78	1316723	10.0	9.83	
$ 4 2-Fluorophenol	112	2.887	2.887	0.000	87	1268802	10.0	10.0	
8 Aniline	93	3.803	3.803	0.000	96	2133132	10.0	10.0	
$ 6 Phenol-d5	99	3.825	3.825	0.000	53	1617459	10.0	9.93	
7 Phenol	94	3.840	3.840	0.000	91	1718107	10.0	9.98	
9 Bis(2-chloroethyl)ether	93	3.862	3.862	0.000	53	1305067	10.0	8.28	
10 Benzonitrile	103	3.877	3.877	0.000	81	2342478	NC	NC	
11 2-Chlorophenol	128	3.937	3.937	0.000	84	1119287	10.0	9.75	
12 n-Decane	43	3.975	3.975	0.000	78	1585614	10.0	11.8	
13 1,3-Dichlorobenzene	146	4.072	4.072	0.000	88	1138963	10.0	9.65	
* 14 1,4-Dichlorobenzene-d4	152	4.125	4.125	0.000	95	650589	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.140	4.140	0.000	84	1076727	10.0	9.55	
17 Benzyl alcohol	108	4.288	4.288	0.000	83	853328	10.0	10.3	
18 1,2-Dichlorobenzene	146	4.295	4.295	0.000	86	1133737	10.0	11.7	
20 2,2'-oxybis[1-chloropropan	45	4.414	4.414	0.000	89	2693052	10.0	9.52	
19 2-Methylphenol	108	4.436	4.436	0.000	85	1150318	10.0	9.91	
23 N-Methylaniline	106	4.533	4.533	0.000	74	1762134	NC	NC	
24 Acetophenone	105	4.548	4.548	0.000	87	1505208	10.0	9.30	
25 N-Nitrosodi-n-propylamine	70	4.555	4.555	0.000	94	1051874	10.0	8.89	
26 3 & 4 Methylphenol	108	4.600	4.600	0.000	19	1231155	10.0	10.2	
21 4-Methylphenol	108	4.600	4.600	0.000	87	1205194	10.0	10.2	
27 Hexachloroethane	117	4.631	4.631	0.000	85	563495	10.0	9.33	
$ 28 Nitrobenzene-d5	82	4.698	4.698	0.000	92	1535050	10.0	9.72	
29 Nitrobenzene	77	4.713	4.713	0.000	86	1756991	10.0	10.4	
30 n,n'-Dimethylaniline	120	4.721	4.721	0.000	69	1290516	10.0	10.2	
31 Isophorone	82	4.965	4.965	0.000	95	2857810	10.0	9.52	
32 2-Nitrophenol	139	5.032	5.032	0.000	73	691127	10.0	9.34	
33 2,4-Dimethylphenol	122	5.122	5.122	0.000	84	904471	10.0	9.36	
34 Bis(2-chloroethoxy)methane	93	5.188	5.188	0.000	92	1494343	10.0	9.65	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.300	5.300	0.000	57	497848	10.0	9.17	
36 2,4-Dichlorophenol	162	5.308	5.308	0.000	88	911988	10.0	9.78	
37 1,2,4-Trichlorobenzene	180	5.360	5.360	0.000	91	902570	10.0	9.10	
* 38 Naphthalene-d8	136	5.413	5.413	0.000	97	2110080	8.00	8.00	
39 Naphthalene	128	5.436	5.436	0.000	95	2403676	10.0	8.73	
40 4-Chloroaniline	127	5.511	5.511	0.000	86	1243066	10.0	9.50	
41 Hexachlorobutadiene	225	5.569	5.569	0.000	86	492105	10.0	8.99	
44 4-Chloro-3-methylphenol	107	6.040	6.040	0.000	90	1044234	10.0	10.1	
45 2-Methylnaphthalene	142	6.130	6.130	0.000	80	1775746	10.0	10.2	
46 1-Methylnaphthalene	142	6.228	6.228	0.000	81	1567557	10.0	9.20	
47 Hexachlorocyclopentadiene	237	6.296	6.296	0.000	81	488471	10.0	10.6	
48 1,2,4,5-Tetrachlorobenzene	216	6.309	6.309	0.000	92	859157	10.0	9.92	
49 2-tertbutyl-4-methylphenol	149	6.369	6.369	0.000	87	1208690	10.0	9.39	
50 2,4,6-Trichlorophenol	196	6.437	6.437	0.000	84	602502	10.0	9.83	
51 2,4,5-Trichlorophenol	196	6.497	6.497	0.000	89	623796	10.0	10.7	
$ 52 2-Fluorobiphenyl	172	6.505	6.505	0.000	95	1755753	10.0	8.87	
53 1,1'-Biphenyl	154	6.603	6.603	0.000	98	1854131	10.0	9.02	
54 2-Chloronaphthalene	162	6.618	6.618	0.000	92	1484475	10.0	9.41	
55 Phenyl ether	170	6.708	6.708	0.000	87	1120868	10.0	9.98	
57 2-Nitroaniline	65	6.738	6.738	0.000	70	795818	10.0	10.2	
58 1,3-Dimethylnaphthalene	156	6.836	6.836	0.000	87	1299897	10.0	9.65	
59 Dimethyl phthalate	163	6.927	6.927	0.000	94	1695837	10.0	9.20	
60 Coumarin	146	6.934	6.934	0.000	71	635066	10.0	10.9	
61 2,6-Dinitrotoluene	165	6.979	6.979	0.000	45	498856	10.0	9.69	
62 Acenaphthylene	152	7.029	7.029	0.000	95	2459567	10.0	9.62	
63 3-Nitroaniline	138	7.149	7.149	0.000	88	554541	10.0	9.67	
* 64 Acenaphthene-d10	164	7.171	7.171	0.000	95	1007409	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.202	7.202	0.000	76	1087595	10.0	9.87	
66 Acenaphthene	154	7.202	7.202	0.000	93	1220730	10.0	10.2	
67 2,4-Dinitrophenol	184	7.254	7.254	0.000	92	619630	20.0	20.8	
70 2,4-Dinitrotoluene	165	7.375	7.375	0.000	69	562816	10.0	9.33	
71 Dibenzofuran	168	7.375	7.375	0.000	87	1983412	10.0	8.92	
69 4-Nitrophenol	65	7.390	7.390	0.000	87	973214	20.0	21.3	
72 2,3,4,6-Tetrachlorophenol	232	7.511	7.511	0.000	84	476525	10.0	9.38	
73 Diethyl phthalate	149	7.624	7.624	0.000	97	1734151	10.0	11.4	
74 4-Chlorophenyl phenyl ethe	204	7.713	7.713	0.000	77	695747	10.0	8.79	
75 Fluorene	166	7.713	7.713	0.000	77	1419455	10.0	10.4	
76 4-Nitroaniline	138	7.773	7.773	0.000	51	490345	10.0	10.1	
77 4,6-Dinitro-2-methylphenol	198	7.788	7.788	0.000	78	705831	20.0	20.3	
78 N-Nitrosodiphenylamine	169	7.841	7.841	0.000	68	2196624	17.0	14.5	
79 1,2-Diphenylhydrazine	77	7.871	7.871	0.000	89	2302822	10.0	10.6	
$ 80 2,4,6-Tribromophenol	330	7.954	7.954	0.000	87	351440	10.0	9.48	
81 4-Bromophenyl phenyl ether	248	8.194	8.194	0.000	89	508300	10.0	9.69	
82 Hexachlorobenzene	284	8.254	8.254	0.000	94	586621	10.0	9.35	
85 Pentachloronitrobenzene	237	8.468	8.468	0.000	55	214281	10.0	10.2	
84 Pentachlorophenol	266	8.468	8.468	0.000	86	501451	20.0	18.3	
86 n-Octadecane	57	8.541	8.541	0.000	95	1414831	10.0	10.1	
* 87 Phenanthrene-d10	188	8.632	8.632	0.000	98	1608441	8.00	8.00	
88 Phenanthrene	178	8.654	8.654	0.000	98	1943217	10.0	9.43	
89 Anthracene	178	8.699	8.699	0.000	96	1996871	10.0	9.61	
90 Carbazole	167	8.871	8.871	0.000	83	1998189	10.0	9.55	
91 Di-n-butyl phthalate	149	9.208	9.208	0.000	98	2612847	10.0	10.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	9.814	9.814	0.000	96	2056923	10.0	9.81	
93 Benzidine	184	9.950	9.950	0.000	98	1112265	10.0	10.7	
94 Pyrene	202	10.033	10.033	0.000	95	2002037	10.0	9.14	
95 Bisphenol-A	213	10.105	10.105	0.000	0	813589	10.0	9.19	
$ 96 Terphenyl-d14	244	10.194	10.194	0.000	99	1512145	10.0	9.51	
97 Butyl benzyl phthalate	149	10.704	10.704	0.000	96	1128052	10.0	10.0	
99 Carbamazepine	193	10.824	10.824	0.000	79	742741	10.0	11.3	
100 3,3'-Dichlorobenzidine	252	11.308	11.308	0.000	98	714959	10.0	11.1	
101 Benzo[a]anthracene	228	11.322	11.322	0.000	99	1654314	10.0	9.52	
* 102 Chrysene-d12	240	11.336	11.336	0.000	99	1164517	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.371	11.371	0.000	89	1248982	10.0	9.47	
104 Chrysene	228	11.371	11.371	0.000	97	1470513	10.0	9.96	
105 Di-n-octyl phthalate	149	12.204	12.204	0.000	95	2210698	10.0	9.59	
106 Benzo[b]fluoranthene	252	12.686	12.686	0.000	97	1448821	10.0	9.37	
107 Benzo[k]fluoranthene	252	12.730	12.730	0.000	89	1433274	10.0	8.68	
108 Benzo[a]pyrene	252	13.117	13.117	0.000	97	1418254	10.0	9.69	
* 109 Perylene-d12	264	13.198	13.198	0.000	99	1093426	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.644	14.644	0.000	95	1179265	10.0	8.95	M
111 Dibenz(a,h)anthracene	278	14.681	14.681	0.000	96	1201587	10.0	9.52	
112 Benzo[g,h,i]perylene	276	15.034	15.034	0.000	93	1329841	10.0	9.98	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL6_00031 Amount Added: 1.00 Units: mL

Report Date: 12-Nov-2015 13:59:34 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151112-34144.b\M966496.D

Injection Date: 12-Nov-2015 09:54:30 Instrument ID: CBNAMS6 Operator ID:

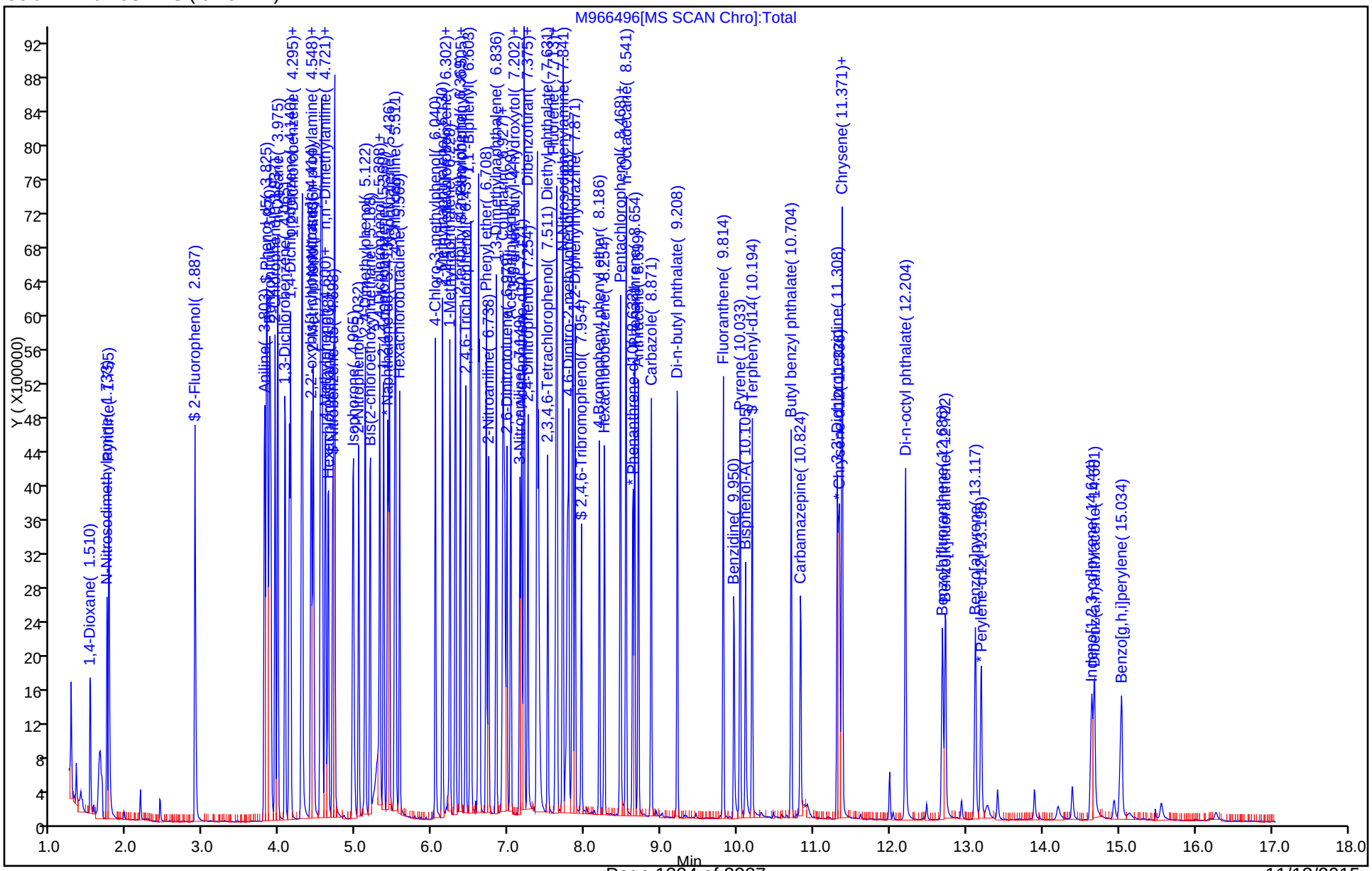
Lims ID: ccvis Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270LVI_R6 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334836/3 Calibration Date: 11/12/2015 10:46

Instrument ID: CBNAMS6 Calib Start Date: 10/29/2015 22:18

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/30/2015 00:25

Lab File ID: M966497.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.432	1.629	0.0100	11400	10000	13.8	20.0
Caprolactam	Ave	0.1440	0.1614	0.0100	11200	10000	12.1	20.0
Atrazine	Ave	0.2540	0.2200	0.0100	8660	10000	-13.4	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151112-34144.b\M966497.D
Lims ID: ccv
Client ID:
Sample Type: CCV
Inject. Date: 12-Nov-2015 10:46:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034144-003
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub20

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151112-34144.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 13:59:37 Calib Date: 11-Nov-2015 19:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: manlangitf Date: 12-Nov-2015 10:54:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.680	3.680	0.000	86	1225837	10.0	11.4	
* 14 1,4-Dichlorobenzene-d4	152	4.120	4.120	0.000	96	602185	8.00	8.00	
* 38 Naphthalene-d8	136	5.410	5.410	0.000	99	2050018	8.00	8.00	
42 Caprolactam	113	5.833	5.833	0.000	85	413706	10.0	11.2	
* 64 Acenaphthene-d10	164	7.164	7.164	0.000	95	1042958	8.00	8.00	
83 Atrazine	200	8.370	8.370	0.000	83	510773	10.0	8.66	
* 87 Phenanthrene-d10	188	8.624	8.624	0.000	99	1857557	8.00	8.00	
* 102 Chrysene-d12	240	11.329	11.329	0.000	99	1338642	8.00	8.00	
* 109 Perylene-d12	264	13.193	13.193	0.000	99	1072490	8.00	8.00	

Reagents:

SM_BNAL5B_00017 Amount Added: 1.00 Units: mL

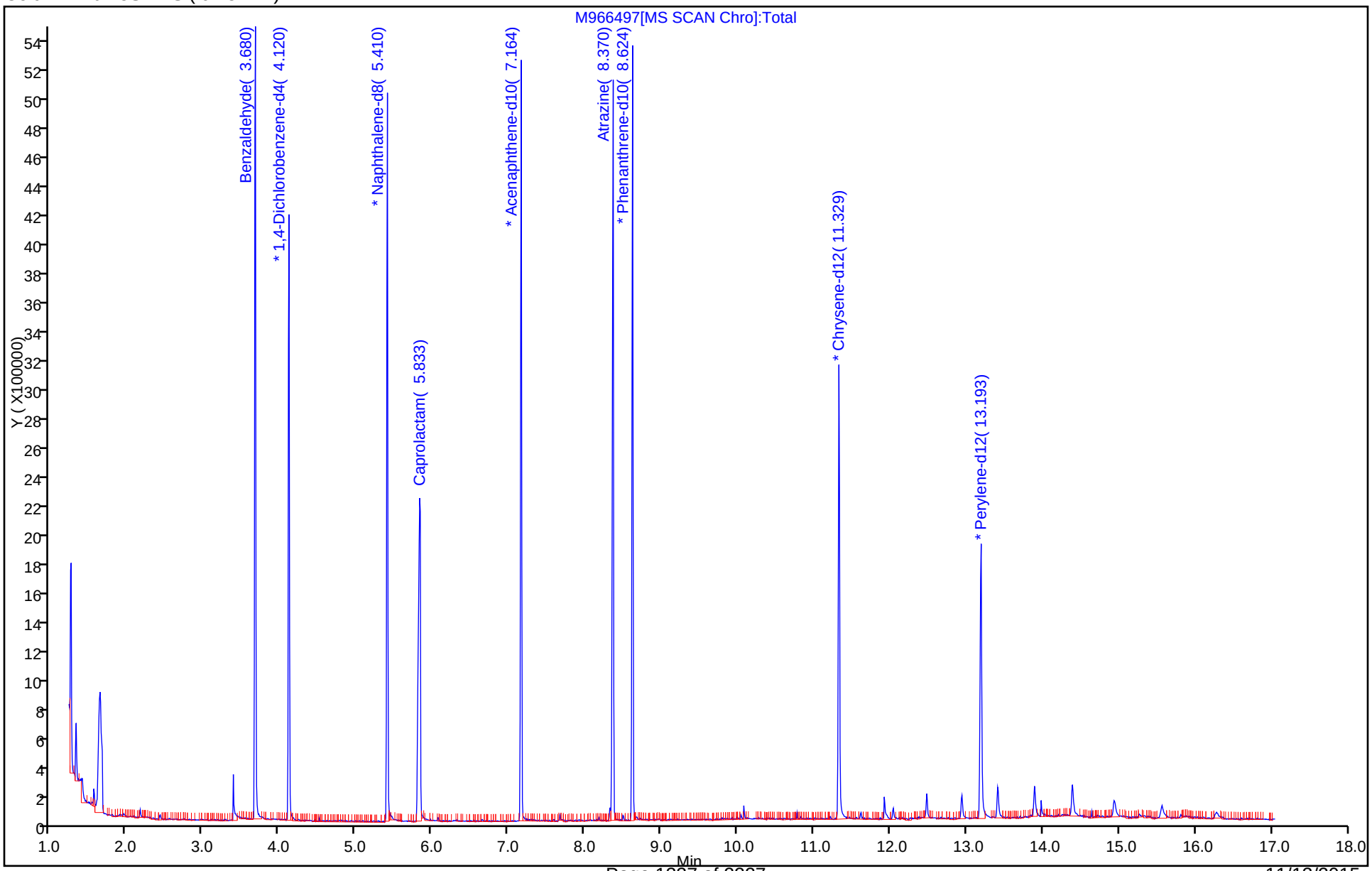
Report Date: 12-Nov-2015 13:59:41 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151112-34144.b\M966497.D

Injection Date:	12-Nov-2015 10:46:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	ccv			Worklist Smp#:	3
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38184.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 02-Nov-2015 14:57:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-001
Misc. Info.: 25 ppm bna 5244
Operator ID: Instrument ID: CBNAMS11

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:23:34 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

First Level Reviewer: zhaoc Date: 02-Nov-2015 15:27:19

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
30 Pentachlorophenol_T	266	5.151	5.151	0.000	89	11560	NR	NR	
56 Benzidine_T	184	6.987	6.987	0.000	99	74860	NR	NR	
124 DFTPP									
125 4,4'-DDE	246	7.663	7.663	0.000	1	64		NR	
126 4,4'-DDD	235	7.663	7.663	0.000	21	814		NR	
127 4,4'-DDT	235	7.986	7.986	0.000	96	34284	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

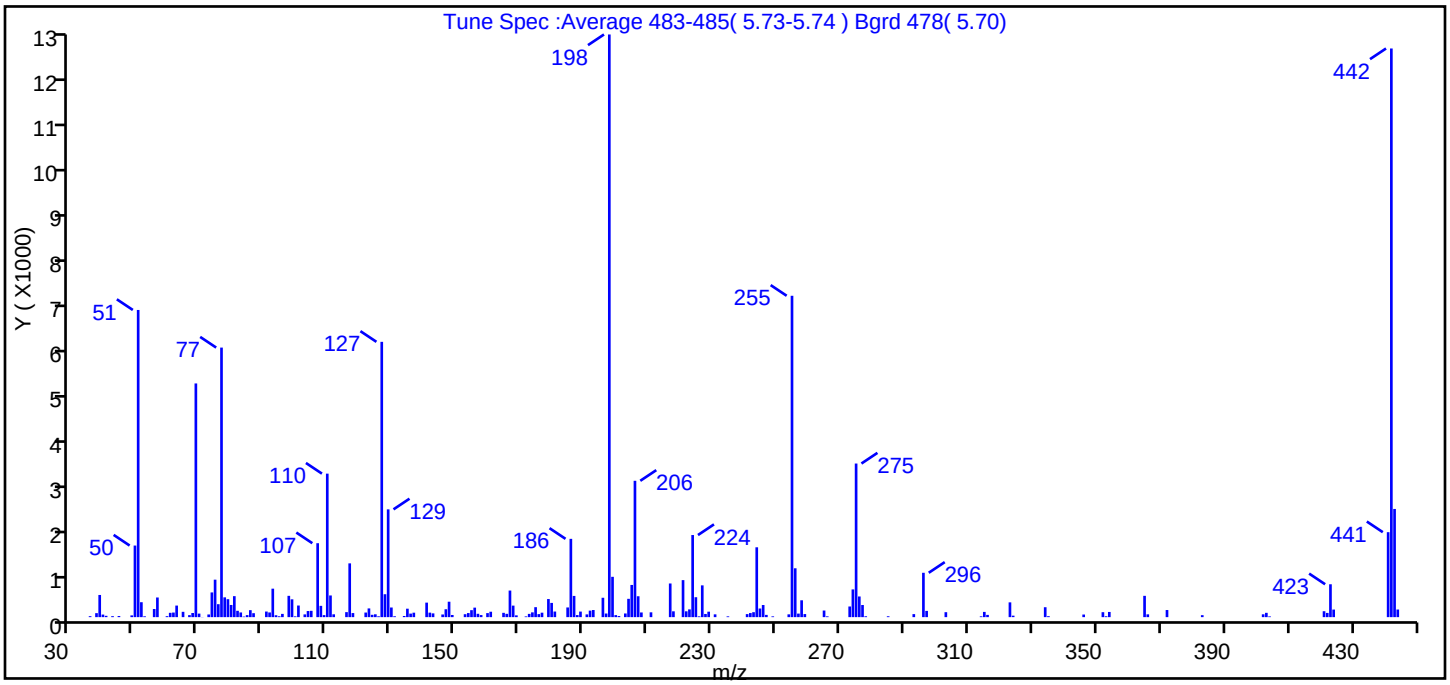
SMDFTP_CH_00011 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38184.D
Injection Date: 02-Nov-2015 14:57:30 Instrument ID: CBNAMS11
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	52.7
68	<2% of mass 69	0.7 (1.8)
69	Present	40.1
70	<2% of mass 69	0.6 (1.5)
127	40-60% of mass 198	47.2
197	<1% of mass 198	0.6
199	5-9% of mass 198	6.9
275	10-30% of mass 198	26.4
365	>1% of mass 198	3.7
441	Present but less than mass 443	14.6 (78.5)
442	>40% of mass 198	97.6
443	17-23% of mass 442	18.6 (19.0)

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38184.D\8270_11R_9.rslt\spectra.d
Injection Date: 02-Nov-2015 14:57:30
Spectrum: Tune Spec :Average 483-485(5.73-5.74) Bgrd 478(5.70)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 191

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	21	101.00	253	173.00	71	247.00	49
38.00	87	103.00	60	174.00	104	249.00	17
39.00	483	104.00	133	175.00	217	254.00	61
40.00	56	105.00	138	176.00	66	255.00	6998
41.00	29	107.00	1610	177.00	97	256.00	1064
43.00	21	108.00	246	179.00	394	257.00	77
45.00	24	109.00	44	180.00	310	258.00	367
49.00	38	110.00	3125	181.00	122	259.00	67
50.00	1559	111.00	472	185.00	211	265.00	144
51.00	6689	112.00	62	186.00	1705	266.00	17
52.00	325	116.00	109	187.00	462	273.00	232
53.00	18	117.00	1171	188.00	45	274.00	604
56.00	177	118.00	89	189.00	121	275.00	3345
57.00	428	122.00	100	191.00	60	276.00	450
60.00	21	123.00	190	192.00	142	277.00	264
61.00	94	124.00	51	193.00	155	278.00	19
62.00	100	125.00	62	196.00	422	285.00	19
63.00	252	126.00	18	197.00	79	293.00	66
65.00	116	127.00	5995	198.00	12688	296.00	966
67.00	44	128.00	499	199.00	878	297.00	136
68.00	90	129.00	2347	200.00	44	303.00	108
69.00	5089	130.00	210	201.00	24	314.00	17
70.00	77	131.00	19	203.00	80	315.00	114
71.00	3	134.00	25	204.00	399	316.00	49
73.00	58	135.00	184	205.00	701	323.00	322
74.00	538	136.00	77	206.00	2969	324.00	32
75.00	816	137.00	97	207.00	455	334.00	216
76.00	282	141.00	316	208.00	102	335.00	21
77.00	5870	142.00	98	211.00	105	346.00	57
78.00	431	143.00	82	217.00	733	352.00	108
79.00	391	146.00	58	218.00	127	353.00	19
80.00	265	147.00	172	221.00	806	354.00	113
81.00	457	148.00	336	222.00	127	365.00	464

Report Date: 03-Nov-2015 00:23:36 Chrom Revision: 2.2 08-Oct-2015 07:17:48
Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38184.D\8270_11R_9.rslt\spectra.d
Injection Date: 02-Nov-2015 14:57:30
Spectrum: Tune Spec :Average 483-485(5.73-5.74) Bgrd 478(5.70)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 191

m/z	Y	m/z	Y	m/z	Y	m/z	Y
82.00	138	149.00	47	223.00	169	366.00	61
83.00	102	153.00	64	224.00	1788	372.00	155
84.00	12	154.00	89	225.00	434	383.00	43
85.00	44	155.00	152	226.00	17	402.00	62
86.00	152	156.00	207	227.00	692	403.00	94
87.00	86	157.00	73	228.00	69	404.00	16
91.00	122	158.00	45	229.00	119	421.00	129
92.00	102	160.00	88	231.00	61	422.00	92
93.00	620	161.00	118	235.00	17	423.00	716
94.00	41	165.00	94	241.00	66	424.00	165
95.00	19	166.00	72	242.00	89	441.00	1850
96.00	71	167.00	579	243.00	108	442.00	12383
98.00	464	168.00	251	244.00	1521	443.00	2356
99.00	388	169.00	39	245.00	188	444.00	166
100.00	17	172.00	16	246.00	264		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151111-34084.b\z38471.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 11-Nov-2015 02:23:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034084-001
Misc. Info.: 25 ppm bna 5293
Operator ID: Instrument ID: CBNAMS11

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151111-34084.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 13:05:53 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK015

First Level Reviewer: asfawa Date: 11-Nov-2015 02:34:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
30 Pentachlorophenol_T	266	4.898	4.898	0.000	94	7262	NR	NR	
56 Benzidine_T	184	6.739	6.739	0.000	100	65400	NR	NR	
124 DFTPP									
126 4,4'-DDD	235	7.410	7.410	0.000	92	692		NR	
125 4,4'-DDE	246	7.733	7.733	0.000	55	1475		NR	
127 4,4'-DDT	235	7.733	7.733	0.000	98	26017	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

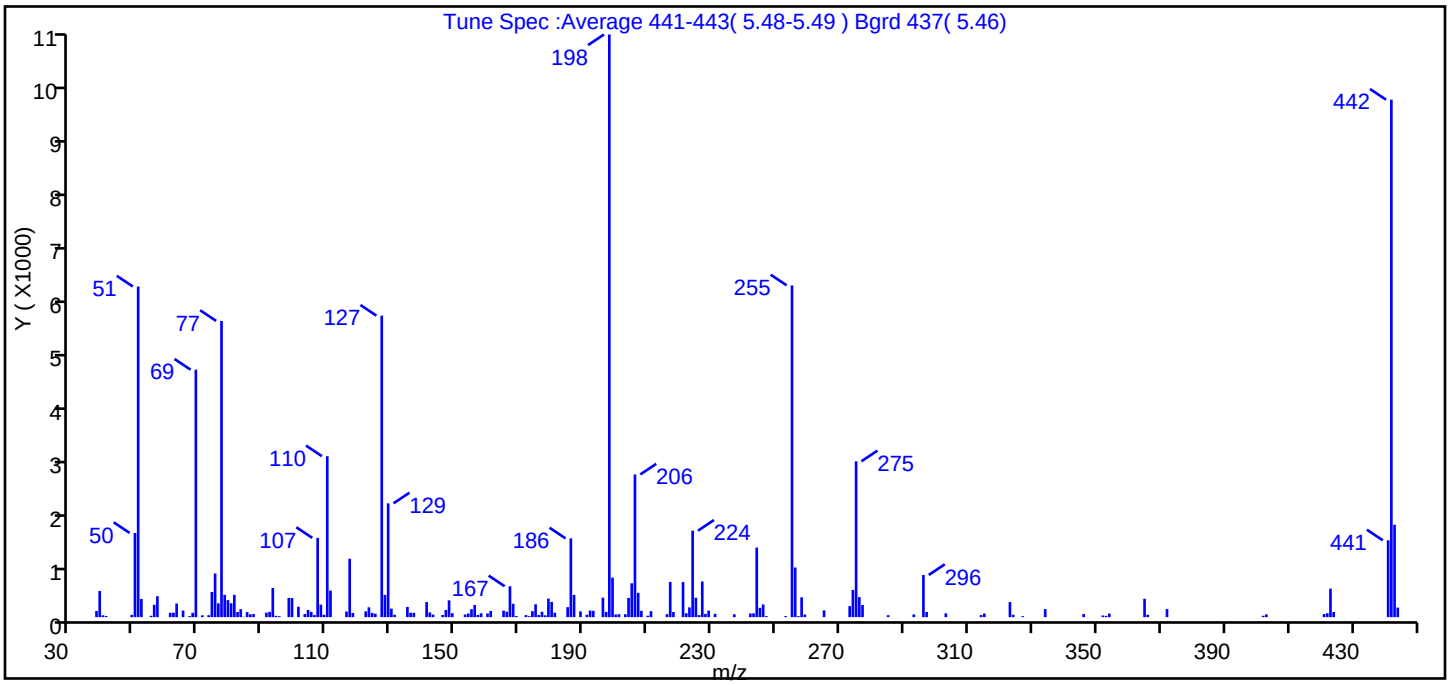
SMDFTP_CH_00011 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151111-34084.b\z38471.D
Injection Date: 11-Nov-2015 02:23:30 Instrument ID: CBNAMS11
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	56.7
68	<2% of mass 69	0.7 (1.7)
69	Present	42.5
70	<2% of mass 69	0.0 (0.0)
127	40-60% of mass 198	51.7
197	<1% of mass 198	0.9
199	5-9% of mass 198	6.8
275	10-30% of mass 198	26.7
365	>1% of mass 198	3.2
441	Present but less than mass 443	13.2 (83.1)
442	>40% of mass 198	88.8
443	17-23% of mass 442	15.9 (17.9)

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151111-34084.b\z38471.D\8270_11R_9.rslt\spectra.d
Injection Date: 11-Nov-2015 02:23:30
Spectrum: Tune Spec :Average 441-443(5.48-5.49) Bgrd 437(5.46)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 177

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	110	106.00	37	176.00	38	246.00	227
39.00	469	107.00	1418	177.00	97	247.00	18
40.00	33	108.00	224	178.00	33	253.00	19
41.00	20	109.00	42	179.00	332	255.00	5939
49.00	41	110.00	2881	180.00	273	256.00	888
50.00	1507	111.00	475	181.00	79	257.00	17
51.00	5918	116.00	100	185.00	179	258.00	355
52.00	326	117.00	1046	186.00	1410	259.00	47
55.00	25	118.00	75	187.00	398	265.00	120
56.00	222	122.00	104	189.00	103	273.00	198
57.00	375	123.00	176	191.00	43	274.00	487
61.00	78	124.00	76	192.00	118	275.00	2790
62.00	79	125.00	62	193.00	113	276.00	358
63.00	244	127.00	5397	196.00	349	277.00	217
65.00	118	128.00	398	197.00	94	285.00	35
67.00	18	129.00	2037	198.00	10430	293.00	49
68.00	77	130.00	153	199.00	707	296.00	755
69.00	4430	131.00	43	200.00	47	297.00	91
71.00	33	135.00	183	201.00	53	303.00	68
73.00	35	136.00	79	203.00	52	314.00	37
74.00	451	137.00	77	204.00	344	315.00	65
75.00	781	141.00	270	205.00	606	323.00	270
76.00	247	142.00	85	206.00	2554	324.00	42
77.00	5302	143.00	46	207.00	436	327.00	18
78.00	398	146.00	38	208.00	113	334.00	144
79.00	305	147.00	128	210.00	26	346.00	55
80.00	249	148.00	301	211.00	107	352.00	30
81.00	399	149.00	71	216.00	53	353.00	23
82.00	93	153.00	48	217.00	631	354.00	64
83.00	143	154.00	65	218.00	91	365.00	329
84.00	6	155.00	142	221.00	628	366.00	43
85.00	91	156.00	218	222.00	70	372.00	144
86.00	50	157.00	39	223.00	175	402.00	25

Report Date: 11-Nov-2015 13:05:58 Chrom Revision: 2.2 08-Oct-2015 07:17:48
Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151111-34084.b\z38471.D\8270_11R_9.rslt\spectra.d
Injection Date: 11-Nov-2015 02:23:30
Spectrum: Tune Spec :Average 441-443(5.48-5.49) Bgrd 437(5.46)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 177

m/z	Y	m/z	Y	m/z	Y	m/z	Y
87.00	56	158.00	69	224.00	1548	403.00	50
91.00	81	160.00	66	225.00	347	421.00	55
92.00	94	161.00	110	226.00	37	422.00	70
93.00	522	165.00	117	227.00	639	423.00	511
94.00	24	166.00	98	228.00	58	424.00	92
95.00	17	167.00	553	229.00	116	441.00	1375
98.00	345	168.00	239	231.00	60	442.00	9263
99.00	343	169.00	20	237.00	51	443.00	1655
101.00	187	172.00	37	242.00	65	444.00	171
103.00	56	173.00	18	243.00	69		
104.00	129	174.00	108	244.00	1246		
105.00	95	175.00	230	245.00	167		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127022.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 19-Oct-2015 14:04:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-001
Misc. Info.: DFTPP
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-Oct-2015 21:04:03 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: croccom Date: 19-Oct-2015 14:17:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
23 Pentachlorophenol_T	266	5.045	5.045	0.000	93	81002	NC	NC	
47 Benzidine_T	184	6.828	6.828	0.000	99	248144	NC	NC	
121 DFTPP									
122 4,4'-DDE	246	7.063	7.063	0.000	86	417		NR	
123 4,4'-DDD	235	7.492	7.492	0.000	94	3575		NR	
124 4,4'-DDT	235	7.810	7.810	0.000	98	144594	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
NC - Not Calibrated

Reagents:

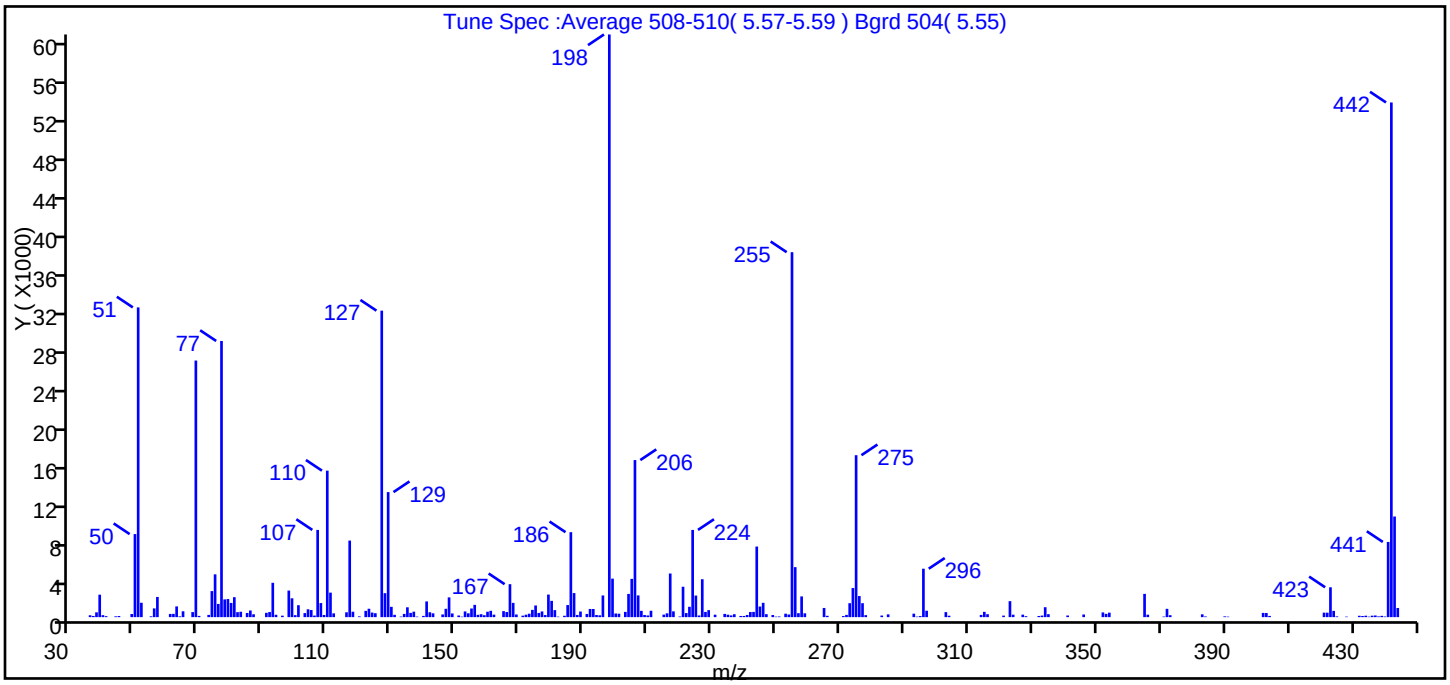
SMDFTP_CH_00011 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127022.D
Injection Date: 19-Oct-2015 14:04:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

121 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	53.2
68	<2% of mass 69	0.9 (2.0)
69	Present	44.0
70	<2% of mass 69	0.2 (0.5)
127	40-60% of mass 198	52.6
197	<1% of mass 198	0.0
199	5-9% of mass 198	6.6
275	10-30% of mass 198	27.8
365	>1% of mass 198	4.0
441	Present but less than mass 443	12.9 (74.7)
442	>40% of mass 198	88.3
443	17-23% of mass 442	17.3 (19.6)

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127022.D\8270_12R_9.rslt\spectra.d
Injection Date: 19-Oct-2015 14:04:30
Spectrum: Tune Spec :Average 508-510(5.57-5.59) Bgrd 504(5.55)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 242

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	194	123.00	869	195.00	188	277.00	1444
37.00	122	124.00	472	196.00	2243	278.00	207
38.00	498	125.00	407	198.00	60272	283.00	165
39.00	2324	127.00	31704	199.00	3984	285.00	287
40.00	205	128.00	2480	200.00	376	293.00	359
41.00	102	129.00	12936	201.00	356	294.00	54
44.00	83	130.00	1067	203.00	544	295.00	108
45.00	114	131.00	241	204.00	2401	296.00	5010
49.00	324	133.00	59	205.00	3959	297.00	663
50.00	8592	134.00	336	206.00	16248	303.00	520
51.00	32040	135.00	1019	207.00	2248	304.00	148
52.00	1488	136.00	442	208.00	651	314.00	229
55.00	86	137.00	567	209.00	220	315.00	547
56.00	904	138.00	55	210.00	173	316.00	304
57.00	2091	140.00	129	211.00	662	321.00	159
61.00	334	141.00	1625	215.00	260	323.00	1653
62.00	341	142.00	505	216.00	395	324.00	253
63.00	1112	143.00	396	217.00	4515	327.00	258
64.00	78	146.00	278	218.00	601	328.00	97
65.00	608	147.00	865	220.00	65	332.00	121
68.00	523	148.00	2045	221.00	3145	333.00	163
69.00	26544	149.00	381	222.00	423	334.00	1028
70.00	129	151.00	171	223.00	1071	335.00	307
73.00	232	152.00	50	224.00	9022	341.00	170
74.00	2696	153.00	589	225.00	2233	346.00	274
75.00	4427	154.00	398	226.00	174	352.00	489
76.00	1368	155.00	894	227.00	3923	353.00	339
77.00	28568	156.00	1269	228.00	540	354.00	462
78.00	1837	157.00	241	229.00	724	365.00	2408
79.00	1874	158.00	305	231.00	253	366.00	255
80.00	1469	159.00	199	234.00	335	371.00	58
81.00	2066	160.00	560	235.00	254	372.00	861
82.00	515	161.00	655	236.00	180	373.00	200

Report Date: 19-Oct-2015 21:04:07 Chrom Revision: 2.2 08-Sep-2015 13:41:46
Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127022.D\8270_12R_9.rslt\spectra.d
Injection Date: 19-Oct-2015 14:04:30
Spectrum: Tune Spec :Average 508-510(5.57-5.59) Bgrd 504(5.55)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 242

m/z	Y	m/z	Y	m/z	Y	m/z	Y
83.00	559	162.00	258	237.00	302	383.00	292
85.00	434	165.00	622	239.00	123	384.00	69
86.00	688	166.00	529	240.00	121	390.00	78
87.00	296	167.00	3410	241.00	223	391.00	52
91.00	445	168.00	1475	242.00	530	402.00	438
92.00	530	169.00	274	243.00	542	403.00	429
93.00	3553	171.00	152	244.00	7303	404.00	126
94.00	243	172.00	253	245.00	1099	421.00	466
96.00	152	173.00	353	246.00	1482	422.00	463
98.00	2750	174.00	751	247.00	309	423.00	3090
99.00	1949	175.00	1208	249.00	219	424.00	649
100.00	206	176.00	434	250.00	51	425.00	77
101.00	1236	177.00	590	251.00	68	428.00	54
103.00	419	178.00	216	253.00	356	432.00	142
104.00	812	179.00	2336	254.00	274	433.00	118
105.00	735	180.00	1686	255.00	37752	434.00	149
106.00	163	181.00	727	256.00	5173	435.00	52
107.00	9022	182.00	51	257.00	409	436.00	151
108.00	1457	184.00	142	258.00	2143	437.00	172
109.00	224	185.00	1250	259.00	396	438.00	78
110.00	15153	186.00	8789	265.00	949	439.00	135
111.00	2536	187.00	2490	266.00	139	440.00	64
112.00	392	188.00	228	271.00	113	441.00	7778
116.00	502	189.00	581	272.00	234	442.00	53240
117.00	7919	191.00	329	273.00	1441	443.00	10410
118.00	558	192.00	847	274.00	3010	444.00	948
120.00	81	193.00	842	275.00	16752		
122.00	650	194.00	223	276.00	2182		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151112-34179.b\L127922.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 12-Nov-2015 15:31:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034179-001
Misc. Info.: DFTPP
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151112-34179.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 22:31:19 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK005

First Level Reviewer: zhaoc Date: 12-Nov-2015 15:44:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
23 Pentachlorophenol_T	266	4.463	4.463	0.000	94	41511	NR	NR	
47 Benzidine_T	184	6.245	6.245	0.000	100	227273	NR	NR	
121 DFTPP									
123 4,4'-DDD	235	6.898	6.898	0.000	94	2452		NR	
124 4,4'-DDT	235	7.222	7.222	0.000	99	99404	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

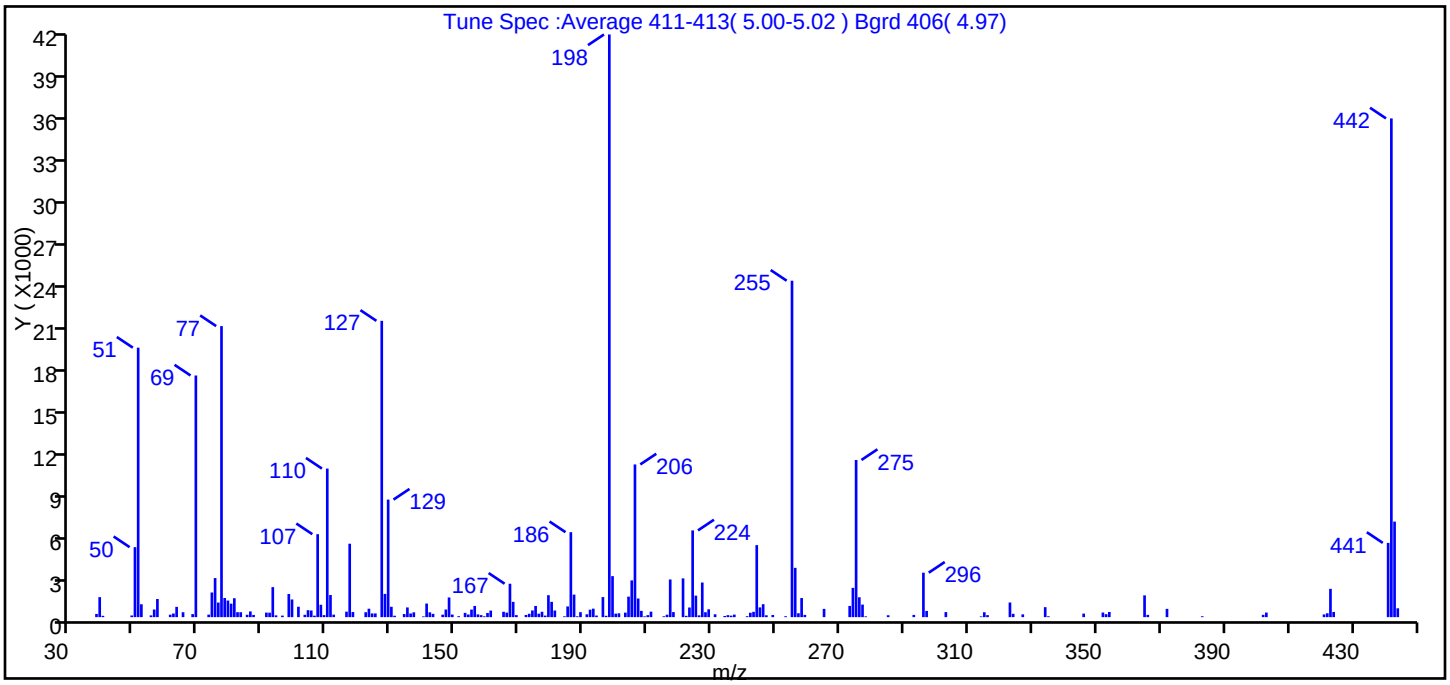
SMDFTP_CH_00011 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151112-34179.b\L127922.D
Injection Date: 12-Nov-2015 15:31:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

121 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	46.2
68	<2% of mass 69	0.5 (1.3)
69	Present	41.5
70	<2% of mass 69	0.0 (0.0)
127	40-60% of mass 198	50.9
197	<1% of mass 198	0.2
199	5-9% of mass 198	7.0
275	10-30% of mass 198	27.0
365	>1% of mass 198	3.7
441	Present but less than mass 443	12.7 (77.7)
442	>40% of mass 198	85.6
443	17-23% of mass 442	16.4 (19.2)

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151112-34179.b\L127922.D\8270_12R_9.rslt\spectra.d
Injection Date: 12-Nov-2015 15:31:30
Spectrum: Tune Spec :Average 411-413(5.00-5.02) Bgrd 406(4.97)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 192

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	229	116.00	393	181.00	474	245.00	698
39.00	1432	117.00	5256	184.00	58	246.00	928
40.00	95	118.00	366	185.00	767	247.00	133
49.00	119	122.00	353	186.00	6081	249.00	153
50.00	5009	123.00	603	187.00	1612	253.00	66
51.00	19288	124.00	265	188.00	59	255.00	24080
52.00	923	125.00	266	189.00	357	256.00	3528
55.00	126	127.00	21208	191.00	204	257.00	279
56.00	547	128.00	1664	192.00	534	258.00	1368
57.00	1299	129.00	8413	193.00	607	259.00	161
61.00	176	130.00	741	194.00	115	265.00	592
62.00	261	131.00	101	196.00	1436	273.00	801
63.00	736	134.00	222	197.00	97	274.00	2095
65.00	352	135.00	695	198.00	41704	275.00	11249
68.00	218	136.00	261	199.00	2936	276.00	1421
69.00	17296	137.00	344	200.00	251	277.00	898
73.00	178	140.00	52	201.00	273	278.00	55
74.00	1765	141.00	972	203.00	323	285.00	136
75.00	2798	142.00	344	204.00	1468	293.00	160
76.00	1044	143.00	235	205.00	2629	296.00	3183
77.00	20832	146.00	177	206.00	10930	297.00	444
78.00	1370	147.00	547	207.00	1335	303.00	362
79.00	1188	148.00	1409	208.00	449	314.00	51
80.00	966	149.00	187	209.00	54	315.00	350
81.00	1354	151.00	66	210.00	143	316.00	144
82.00	355	153.00	305	211.00	393	323.00	1048
83.00	353	154.00	188	215.00	59	324.00	238
85.00	169	155.00	542	216.00	173	327.00	199
86.00	410	156.00	801	217.00	2696	334.00	714
87.00	158	157.00	197	218.00	363	335.00	62
91.00	326	158.00	144	221.00	2775	346.00	252
92.00	318	159.00	57	222.00	96	352.00	330
93.00	2149	160.00	299	223.00	691	353.00	212

Report Date: 12-Nov-2015 22:31:22 Chrom Revision: 2.2 08-Oct-2015 07:17:48
Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151112-34179.b\L127922.D\8270_12R_9.rslt\spectra.d
Injection Date: 12-Nov-2015 15:31:30
Spectrum: Tune Spec :Average 411-413(5.00-5.02) Bgrd 406(4.97)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 192

m/z	Y	m/z	Y	m/z	Y	m/z	Y
94.00	128	161.00	470	224.00	6209	354.00	369
96.00	110	165.00	386	225.00	1539	365.00	1559
98.00	1655	166.00	324	226.00	128	366.00	164
99.00	1264	167.00	2391	227.00	2479	372.00	593
101.00	745	168.00	1094	228.00	354	383.00	63
103.00	168	169.00	147	229.00	561	402.00	165
104.00	498	172.00	156	231.00	204	403.00	328
105.00	475	173.00	240	234.00	84	421.00	195
106.00	105	174.00	479	235.00	142	422.00	277
107.00	5938	175.00	801	236.00	107	423.00	2025
108.00	886	176.00	245	237.00	183	424.00	370
109.00	143	177.00	386	241.00	65	441.00	5314
110.00	10633	178.00	112	242.00	313	442.00	35696
111.00	1583	179.00	1571	243.00	381	443.00	6839
112.00	178	180.00	1096	244.00	5155	444.00	634

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8322.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 08-Nov-2015 14:09:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033972-001
Misc. Info.: 25 ppm bna 5100
Operator ID: Instrument ID: CBNAMS5

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 09-Nov-2015 14:31:39 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: bayoumiw Date: 08-Nov-2015 15:02:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
30 Pentachlorophenol_T	266	5.087	5.087	0.000	92	39456	NR	NR	
55 Benzidine_T	184	6.910	6.910	0.000	99	405142	NR	NR	
124 DFTPP									
126 4,4'-DDD	235	7.593	7.593	0.000	94	3501		NR	
127 4,4'-DDT	235	7.904	7.904	0.000	98	154932	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

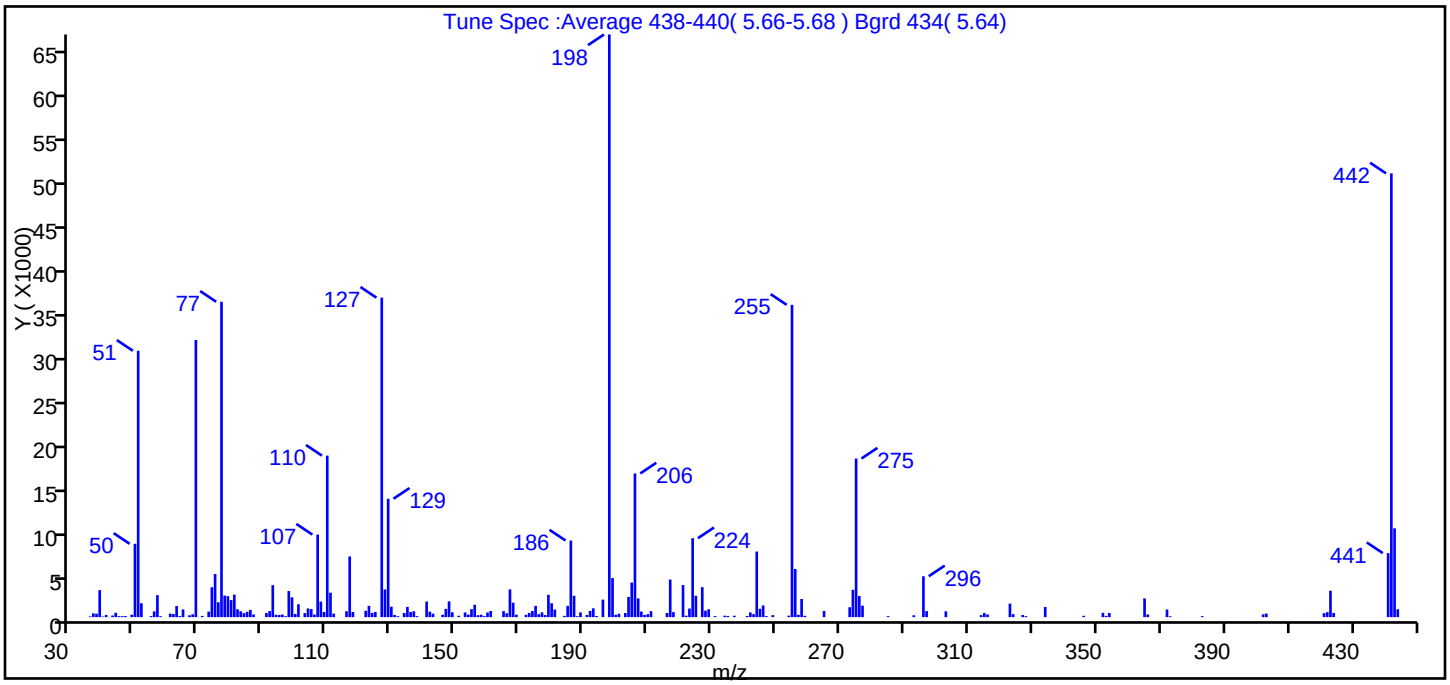
SMDFTP_CH_00011 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8322.D
Injection Date: 08-Nov-2015 14:09:30 Instrument ID: CBNAMS5
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	45.7
68	<2% of mass 69	0.5 (1.0)
69	Present	47.6
70	<2% of mass 69	0.0 (0.0)
127	40-60% of mass 198	54.8
197	<1% of mass 198	0.0
199	5-9% of mass 198	6.7
275	10-30% of mass 198	27.2
365	>1% of mass 198	3.2
441	Present but less than mass 443	11.0 (72.1)
442	>40% of mass 198	76.2
443	17-23% of mass 442	15.2 (20.0)

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8322.D\8270_5R.rslt\spectra.d
Injection Date: 08-Nov-2015 14:09:30
Spectrum: Tune Spec :Average 438-440(5.66-5.68) Bgrd 434(5.64)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 207

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	85	98.00	2998	168.00	1663	242.00	540
37.00	436	99.00	2278	169.00	284	243.00	348
38.00	396	100.00	371	172.00	263	244.00	7542
39.00	3106	101.00	1482	173.00	491	245.00	966
40.00	71	103.00	468	174.00	712	246.00	1343
41.00	255	104.00	1000	175.00	1297	247.00	117
42.00	15	105.00	924	176.00	341	249.00	229
43.00	188	106.00	297	177.00	553	254.00	173
44.00	501	107.00	9492	178.00	240	255.00	35904
45.00	113	108.00	1789	179.00	2565	256.00	5541
46.00	115	109.00	588	180.00	1597	257.00	270
47.00	128	110.00	18568	181.00	875	258.00	2086
49.00	278	111.00	2810	184.00	149	259.00	154
50.00	8431	112.00	408	185.00	1296	265.00	702
51.00	30624	116.00	681	186.00	8809	273.00	1138
52.00	1598	117.00	6972	187.00	2456	274.00	3150
55.00	121	118.00	591	188.00	106	275.00	18232
56.00	660	122.00	732	189.00	549	276.00	2422
57.00	2527	123.00	1301	191.00	258	277.00	1318
58.00	106	124.00	494	192.00	718	285.00	116
61.00	406	125.00	587	193.00	1014	293.00	217
62.00	363	127.00	36728	194.00	134	296.00	4701
63.00	1274	128.00	3183	196.00	2015	297.00	694
64.00	118	129.00	13613	198.00	66984	303.00	671
65.00	881	130.00	1201	199.00	4492	314.00	233
67.00	214	131.00	254	200.00	272	315.00	470
68.00	326	132.00	105	201.00	388	316.00	310
69.00	31864	134.00	473	203.00	472	323.00	1552
70.00	8	135.00	1174	204.00	2320	324.00	344
71.00	141	136.00	592	205.00	3971	327.00	250
73.00	635	137.00	676	206.00	16520	328.00	118
74.00	3434	138.00	117	207.00	2153	334.00	1174
75.00	4958	141.00	1796	208.00	644	346.00	157

Report Date: 09-Nov-2015 14:31:46 Chrom Revision: 2.2 08-Oct-2015 07:17:48
Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8322.D\8270_5R.rslt\spectra.d
Injection Date: 08-Nov-2015 14:09:30
Spectrum: Tune Spec :Average 438-440(5.66-5.68) Bgrd 434(5.64)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 207

m/z	Y	m/z	Y	m/z	Y	m/z	Y
76.00	1714	142.00	631	209.00	254	352.00	499
77.00	36256	143.00	402	210.00	342	353.00	149
78.00	2480	146.00	277	211.00	688	354.00	475
79.00	2411	147.00	950	216.00	480	365.00	2155
80.00	1959	148.00	1816	217.00	4323	366.00	314
81.00	2591	149.00	555	218.00	576	372.00	875
82.00	912	151.00	160	221.00	3687	373.00	100
83.00	678	153.00	540	222.00	169	383.00	117
84.00	456	154.00	292	223.00	990	402.00	325
85.00	614	155.00	914	224.00	9080	403.00	416
86.00	832	156.00	1421	225.00	2464	421.00	453
87.00	305	157.00	220	227.00	3450	422.00	570
91.00	470	158.00	280	228.00	743	423.00	3035
92.00	690	159.00	114	229.00	906	424.00	480
93.00	3678	160.00	536	231.00	125	441.00	7358
94.00	272	161.00	709	234.00	166	442.00	51016
95.00	252	165.00	697	235.00	141	443.00	10208
96.00	295	166.00	447	237.00	164	444.00	907
97.00	104	167.00	3191	241.00	132		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8393.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 11-Nov-2015 02:22:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034083-001
Misc. Info.: 25 ppm bna 5100
Operator ID: Instrument ID: CBNAMS5

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 23:52:12 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: asfawa Date: 11-Nov-2015 02:36:22

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
30 Pentachlorophenol_T	266	5.098	5.098	0.000	93	55946	NR	NR	
55 Benzidine_T	184	6.922	6.922	0.000	99	479607	NR	NR	
124 DFTPP									
126 4,4'-DDD	235	7.592	7.592	0.000	94	4706		NR	
127 4,4'-DDT	235	7.910	7.910	0.000	98	206371	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

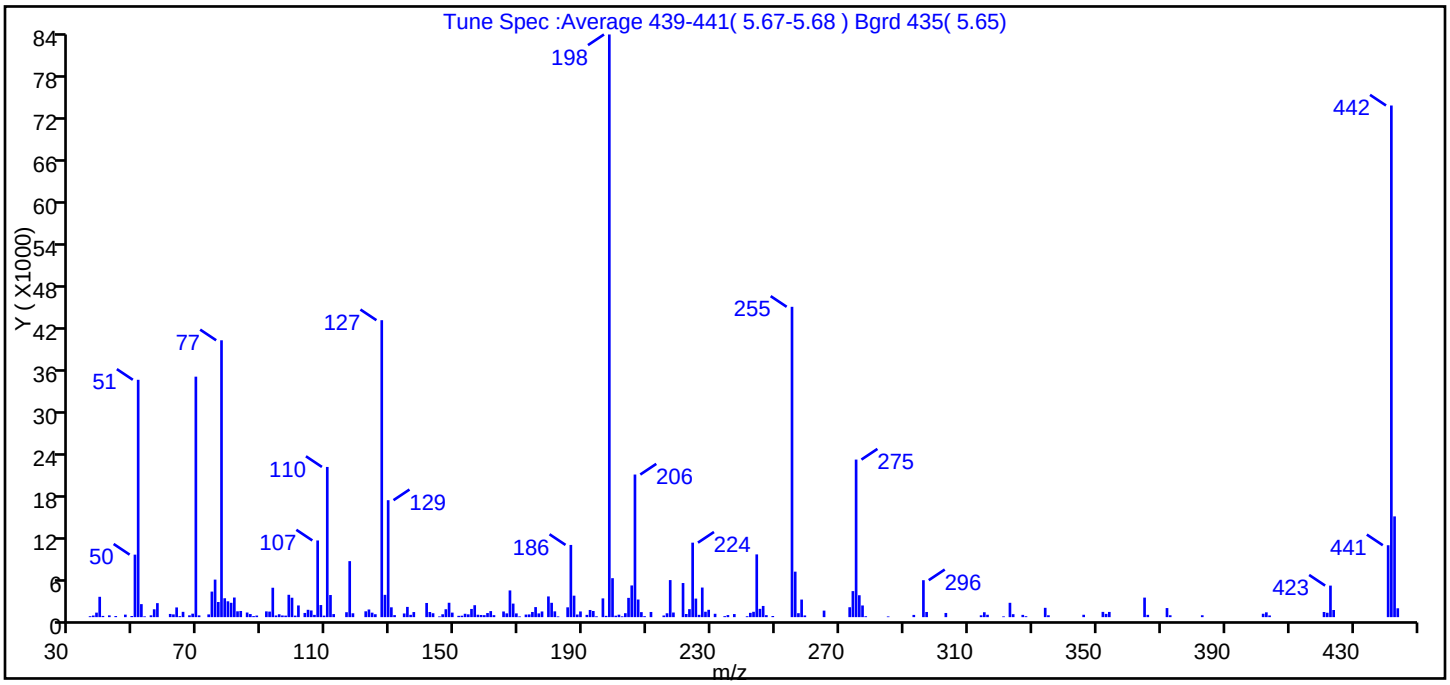
SMDFTP_CH_00011 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8393.D
Injection Date: 11-Nov-2015 02:22:30 Instrument ID: CBNAMS5
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	40.7
68	<2% of mass 69	0.6 (1.4)
69	Present	41.3
70	<2% of mass 69	0.3 (0.7)
127	40-60% of mass 198	51.0
197	<1% of mass 198	0.2
199	5-9% of mass 198	6.7
275	10-30% of mass 198	27.0
365	>1% of mass 198	3.4
441	Present but less than mass 443	12.3 (71.4)
442	>40% of mass 198	87.8
443	17-23% of mass 442	17.3 (19.7)

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8393.D\8270_5R.rslt\spectra.d
Injection Date: 11-Nov-2015 02:22:30
Spectrum: Tune Spec :Average 439-441(5.67-5.68) Bgrd 435(5.65)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 209

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	133	105.00	959	175.00	1441	246.00	1606
37.00	232	106.00	324	176.00	536	247.00	285
38.00	646	107.00	10995	177.00	814	249.00	163
39.00	2917	108.00	1734	179.00	2970	255.00	44496
40.00	177	109.00	218	180.00	2057	256.00	6522
42.00	257	110.00	21536	181.00	830	257.00	567
44.00	158	111.00	3172	182.00	103	258.00	2521
47.00	360	112.00	439	185.00	1409	259.00	244
49.00	164	116.00	706	186.00	10353	265.00	937
50.00	8961	117.00	8031	187.00	3079	273.00	1422
51.00	34032	118.00	556	188.00	377	274.00	3733
52.00	1867	122.00	837	189.00	818	275.00	22592
53.00	110	123.00	1095	191.00	326	276.00	3140
55.00	261	124.00	644	192.00	1027	277.00	1675
56.00	1127	125.00	418	193.00	881	278.00	128
57.00	2009	127.00	42576	194.00	116	285.00	102
61.00	458	128.00	3198	196.00	2689	293.00	320
62.00	397	129.00	16768	197.00	183	296.00	5297
63.00	1392	130.00	1411	198.00	83544	297.00	740
64.00	137	131.00	290	199.00	5586	303.00	598
65.00	761	134.00	526	200.00	206	314.00	263
67.00	262	135.00	1467	201.00	352	315.00	702
68.00	496	136.00	331	202.00	118	316.00	342
69.00	34480	137.00	730	203.00	566	321.00	107
70.00	253	141.00	2031	204.00	2763	323.00	2057
73.00	393	142.00	736	205.00	4544	324.00	426
74.00	3663	143.00	560	206.00	20448	327.00	326
75.00	5383	145.00	103	207.00	2528	328.00	133
76.00	2168	146.00	413	208.00	720	334.00	1337
77.00	39696	147.00	1133	209.00	138	335.00	269
78.00	2709	148.00	2062	211.00	742	346.00	341
79.00	2273	149.00	649	215.00	235	352.00	754
80.00	2057	151.00	189	216.00	556	353.00	466

Report Date: 11-Nov-2015 23:52:13 Chrom Revision: 2.2 08-Oct-2015 07:17:48
Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8393.D\8270_5R.rslt\spectra.d
Injection Date: 11-Nov-2015 02:22:30
Spectrum: Tune Spec :Average 439-441(5.67-5.68) Bgrd 435(5.65)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 209

m/z	Y	m/z	Y	m/z	Y	m/z	Y
81.00	2813	152.00	209	217.00	5313	354.00	747
82.00	837	153.00	483	218.00	664	365.00	2801
83.00	884	154.00	400	221.00	4891	366.00	329
85.00	663	155.00	1176	222.00	451	372.00	1303
86.00	443	156.00	1712	223.00	1148	373.00	272
87.00	150	157.00	347	224.00	10681	383.00	271
88.00	229	158.00	309	225.00	2661	402.00	487
91.00	828	159.00	283	226.00	329	403.00	692
92.00	796	160.00	588	227.00	4244	404.00	245
93.00	4216	161.00	866	228.00	776	421.00	739
94.00	236	162.00	284	229.00	1054	422.00	628
95.00	412	165.00	812	231.00	482	423.00	4523
96.00	239	166.00	542	234.00	144	424.00	1022
97.00	217	167.00	3830	235.00	296	441.00	10309
98.00	3206	168.00	1942	237.00	444	442.00	73360
99.00	2783	169.00	538	241.00	127	443.00	14446
100.00	217	170.00	103	242.00	613	444.00	1271
101.00	1676	172.00	369	243.00	767		
103.00	602	173.00	391	244.00	8997		
104.00	1053	174.00	740	245.00	1189		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965828.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 29-Oct-2015 16:23:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033581-001
Misc. Info.: dftpp
Operator ID: Instrument ID: CBNAMS6

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 30-Oct-2015 09:19:18 Calib Date: 30-Oct-2015 00:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965843.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: szczecha Date: 30-Oct-2015 09:19:18

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
16 Pentachlorophenol_T	266	4.755	4.755	0.000	92	1618000	NR	NR	
43 Benzidine_T	184	6.429	6.429	0.000	97	5302501	NR	NR	
124 DFTPP									
125 4,4'-DDE	246	6.640	6.640	0.000	91	8213		NR	
126 4,4'-DDD	235	7.045	7.045	0.000	96	147223		NR	M
127 4,4'-DDT	235	7.352	7.352	0.000	95	2987341	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
M - Manually Integrated

Reagents:

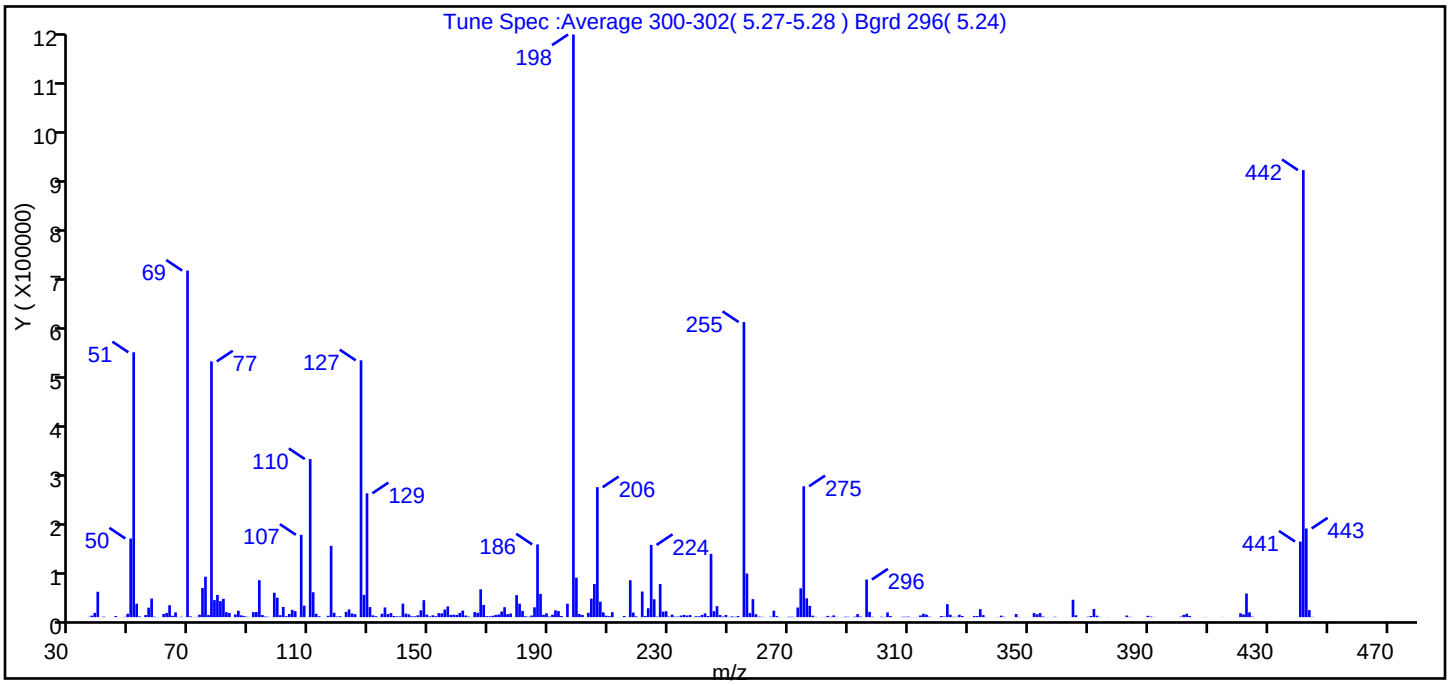
SMDFTP_CH_00011 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965828.D
Injection Date: 29-Oct-2015 16:23:30 Instrument ID: CBNAMS6
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R6 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	45.5
68	<2% of mass 69	0.0 (0.0)
69	Present	59.5
70	<2% of mass 69	0.1 (0.2)
127	40-60% of mass 198	44.1
197	<1% of mass 198	0.0
199	5-9% of mass 198	6.8
275	10-30% of mass 198	22.5
365	>1% of mass 198	3.0
441	Present but less than mass 443	13.0 (85.3)
442	>40% of mass 198	76.7
443	17-23% of mass 442	15.2 (19.8)

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965828.D\8270LVI_R6.rslt\spectra.d
Injection Date: 29-Oct-2015 16:23:30
Spectrum: Tune Spec :Average 300-302(5.27-5.28) Bgrd 296(5.24)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 325

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	659	134.00	6912	223.00	18280	315.00	6937
37.00	3155	135.00	19856	224.00	148480	316.00	5300
38.00	8735	136.00	6366	225.00	36816	317.00	964
39.00	52168	137.00	8340	226.00	1077	318.00	104
41.00	1021	138.00	2398	227.00	68200	320.00	344
45.00	2232	139.00	1615	228.00	11396	321.00	2263
47.00	191	140.00	1539	229.00	12141	322.00	1223
48.00	676	141.00	27776	230.00	1219	323.00	26680
49.00	6971	142.00	7347	231.00	5224	324.00	4949
50.00	161728	143.00	5628	232.00	995	325.00	768
51.00	544832	144.00	1681	233.00	1126	326.00	571
52.00	27592	145.00	1771	234.00	3310	327.00	4858
53.00	1371	146.00	3789	235.00	4561	328.00	2359
54.00	113	147.00	14049	236.00	3404	329.00	168
55.00	4248	148.00	34928	237.00	4289	331.00	100
56.00	19520	149.00	5262	238.00	376	332.00	2505
57.00	38224	150.00	1547	239.00	1969	333.00	2178
58.00	1027	151.00	3837	240.00	1765	334.00	16416
59.00	336	152.00	1970	241.00	4466	335.00	4106
61.00	6532	153.00	8320	242.00	7722	336.00	410
62.00	8714	154.00	7845	243.00	2335	339.00	187
63.00	24472	155.00	15632	244.00	130216	340.00	142
64.00	2820	156.00	22072	245.00	12251	341.00	3048
65.00	9706	157.00	4575	246.00	22616	342.00	748
66.00	498	158.00	5042	247.00	4478	346.00	6380
67.00	844	159.00	4524	248.00	1354	347.00	553
69.00	712832	160.00	8678	249.00	4398	350.00	113
70.00	1594	161.00	13441	250.00	450	352.00	8478
71.00	162	162.00	3336	251.00	1569	353.00	5887
72.00	550	163.00	1320	252.00	744	354.00	8272
73.00	5097	164.00	379	253.00	2426	355.00	1309
74.00	59920	165.00	10384	255.00	607040	356.00	372
75.00	83136	166.00	9064	256.00	89664	358.00	278

Report Date: 30-Oct-2015 09:19:21 Chrom Revision: 2.2 08-Oct-2015 07:17:48
Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965828.D\8270LVI_R6.rslt\spectra.d
Injection Date: 29-Oct-2015 16:23:30
Spectrum: Tune Spec :Average 300-302(5.27-5.28) Bgrd 296(5.24)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 325

m/z	Y	m/z	Y	m/z	Y	m/z	Y
76.00	4328	167.00	57184	257.00	8329	359.00	824
77.00	526080	168.00	25072	258.00	36984	360.00	146
78.00	35072	169.00	2012	259.00	5979	362.00	107
79.00	45528	170.00	1811	260.00	1024	363.00	144
80.00	32792	171.00	2778	261.00	819	365.00	35784
81.00	37736	172.00	4590	262.00	207	366.00	3826
82.00	10198	173.00	5414	263.00	145	367.00	146
83.00	8576	174.00	11596	264.00	924	370.00	868
85.00	5476	175.00	20432	265.00	13222	371.00	2391
86.00	13132	176.00	6186	266.00	2145	372.00	16872
87.00	3743	177.00	7511	267.00	291	373.00	2974
88.00	2067	179.00	45336	269.00	203	374.00	533
89.00	788	180.00	27736	270.00	909	377.00	279
91.00	10239	181.00	12876	271.00	889	379.00	121
92.00	10543	182.00	1866	272.00	453	383.00	3328
93.00	76032	183.00	899	273.00	19768	384.00	675
94.00	4245	184.00	3297	274.00	59288	385.00	268
95.00	1312	185.00	20208	275.00	269248	390.00	2679
96.00	753	186.00	149568	276.00	38672	391.00	1233
98.00	50224	187.00	47832	277.00	23232	392.00	556
99.00	40016	188.00	4908	278.00	3021	395.00	102
100.00	3944	189.00	7900	279.00	721	397.00	129
101.00	20896	190.00	1298	281.00	241	401.00	1104
102.00	1895	191.00	5034	282.00	478	402.00	4692
103.00	6474	192.00	14050	283.00	2567	403.00	6945
104.00	15006	193.00	12392	284.00	844	404.00	2564
105.00	12282	194.00	2433	285.00	3581	405.00	120
107.00	169344	196.00	27728	286.00	645	409.00	384
108.00	23648	198.00	1198592	288.00	278	410.00	125
110.00	325120	199.00	81208	289.00	1011	415.00	392
111.00	51184	200.00	6495	290.00	748	416.00	165
112.00	6882	201.00	4474	292.00	1049	420.00	148
113.00	1820	203.00	9016	293.00	6247	421.00	7927
116.00	2897	204.00	38136	294.00	1251	422.00	5526

Report Date: 30-Oct-2015 09:19:21 Chrom Revision: 2.2 08-Oct-2015 07:17:48
Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965828.D\8270LVI_R6.rslt\spectra.d
Injection Date: 29-Oct-2015 16:23:30
Spectrum: Tune Spec :Average 300-302(5.27-5.28) Bgrd 296(5.24)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 325

m/z	Y	m/z	Y	m/z	Y	m/z	Y
117.00	146624	205.00	68144	296.00	77344	423.00	48600
118.00	9036	206.00	267328	297.00	10876	424.00	9799
119.00	1366	207.00	31752	298.00	886	425.00	985
120.00	1951	208.00	9854	301.00	936	437.00	113
122.00	10894	209.00	2971	302.00	537	441.00	155456
123.00	15910	210.00	2078	303.00	9685	442.00	919488
124.00	7566	211.00	10139	304.00	2227	443.00	182336
125.00	6154	213.00	355	307.00	183	444.00	14504
127.00	528320	214.00	206	308.00	872	445.00	603
128.00	45928	215.00	2454	309.00	895	472.00	144
129.00	254720	217.00	75960	310.00	1074	475.00	119
130.00	20704	218.00	9451	311.00	226	480.00	123
131.00	3655	219.00	1703	312.00	220		
132.00	2010	221.00	52632	313.00	471		
133.00	490	222.00	2341	314.00	3470		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966460.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 11-Nov-2015 16:39:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034125-001
Misc. Info.: dftpp
Operator ID: Instrument ID: CBNAMS6

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 11:42:03 Calib Date: 11-Nov-2015 19:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: croccom Date: 11-Nov-2015 16:52:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
16 Pentachlorophenol_T	266	4.408	4.408	0.000	86	364942	NR	NR	
43 Benzidine_T	184	6.068	6.068	0.000	98	1711801	NR	NR	
124 DFTPP									
125 4,4'-DDE	246	6.275	6.275	0.000	18	2290		NR	
126 4,4'-DDD	235	6.645	6.645	0.000	62	25201		NR	
127 4,4'-DDT	235	6.980	6.980	0.000	95	831586	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

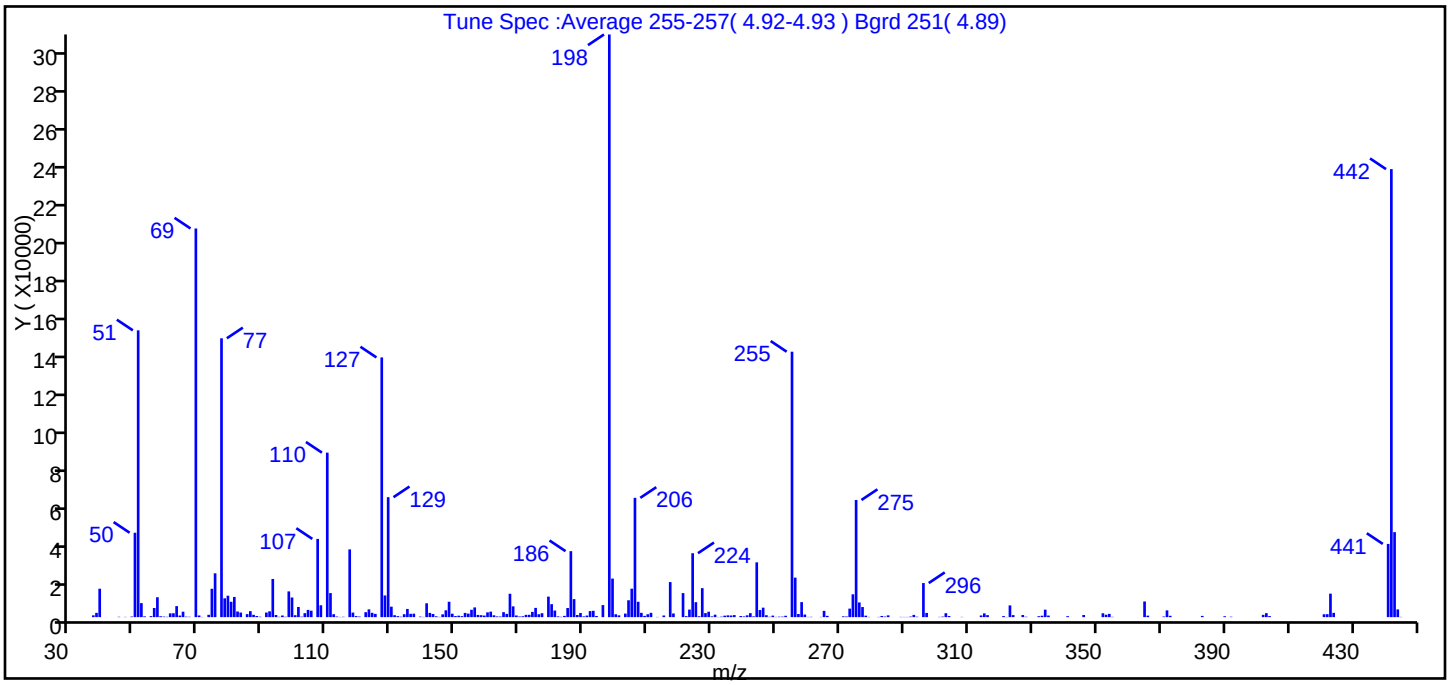
SMDFTP_CH_00011 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966460.D
Injection Date: 11-Nov-2015 16:39:30 Instrument ID: CBNAMS6
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R6 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	49.2
68	<2% of mass 69	0.0 (0.0)
69	Present	66.7
70	<2% of mass 69	0.3 (0.4)
127	40-60% of mass 198	44.6
197	<1% of mass 198	0.0
199	5-9% of mass 198	6.6
275	10-30% of mass 198	20.1
365	>1% of mass 198	2.7
441	Present but less than mass 443	12.6 (86.1)
442	>40% of mass 198	76.9
443	17-23% of mass 442	14.6 (19.0)

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966460.D\8270LVI_R6.rslt\spectra.d
Injection Date: 11-Nov-2015 16:39:30
Spectrum: Tune Spec :Average 255-257(4.92-4.93) Bgrd 251(4.89)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 264

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	924	118.00	2357	188.00	1095	266.00	662
38.00	2202	119.00	540	189.00	2151	271.00	414
39.00	14646	120.00	313	190.00	374	272.00	334
41.00	29	122.00	2544	191.00	817	273.00	4398
45.00	185	123.00	4004	192.00	3117	274.00	11772
47.00	125	124.00	2227	193.00	3263	275.00	60360
49.00	306	125.00	1681	194.00	602	276.00	7570
50.00	43488	127.00	133824	196.00	6213	277.00	5199
51.00	147776	128.00	11179	198.00	300224	278.00	765
52.00	7227	129.00	61808	199.00	19880	279.00	133
53.00	401	130.00	5394	200.00	1490	282.00	122
55.00	531	131.00	1003	201.00	924	283.00	606
56.00	4712	132.00	516	203.00	1826	284.00	297
57.00	10262	133.00	228	204.00	8695	285.00	919
58.00	457	134.00	1505	205.00	14657	289.00	131
59.00	281	135.00	4230	206.00	61472	290.00	109
60.00	179	136.00	1721	207.00	7918	291.00	111
61.00	1952	137.00	1776	208.00	2225	292.00	281
62.00	2011	139.00	273	209.00	651	293.00	1161
63.00	5685	140.00	120	210.00	1488	294.00	223
64.00	824	141.00	7138	211.00	2224	296.00	17560
65.00	2813	142.00	2196	213.00	116	297.00	2177
66.00	248	143.00	1625	215.00	851	301.00	136
67.00	188	144.00	434	217.00	18072	302.00	268
69.00	200256	145.00	135	218.00	1892	303.00	2027
70.00	857	146.00	1443	221.00	12391	304.00	572
71.00	106	147.00	3525	222.00	518	308.00	130
73.00	1201	148.00	7939	223.00	3896	314.00	858
74.00	14611	149.00	1777	224.00	32944	315.00	1935
75.00	22584	150.00	554	225.00	7710	316.00	1040
77.00	143680	151.00	756	226.00	464	321.00	551
78.00	9704	152.00	515	227.00	14945	322.00	100
79.00	11038	153.00	2182	228.00	2078	323.00	6052

Report Date: 12-Nov-2015 11:42:06 Chrom Revision: 2.2 08-Oct-2015 07:17:48
Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966460.D\8270LVI_R6.rslt\spectra.d
Injection Date: 11-Nov-2015 16:39:30
Spectrum: Tune Spec :Average 255-257(4.92-4.93) Bgrd 251(4.89)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 264

m/z	Y	m/z	Y	m/z	Y	m/z	Y
80.00	7913	154.00	1814	229.00	2803	324.00	1048
81.00	10405	155.00	3797	230.00	387	327.00	1087
82.00	2901	156.00	5014	231.00	1258	328.00	211
83.00	2361	157.00	1145	232.00	102	332.00	482
85.00	1547	158.00	1008	233.00	251	333.00	730
86.00	3087	159.00	801	234.00	758	334.00	3851
87.00	1206	160.00	2474	235.00	916	335.00	815
88.00	576	161.00	2835	236.00	847	341.00	501
89.00	225	162.00	947	237.00	1060	346.00	1097
91.00	2367	163.00	368	239.00	564	352.00	1998
92.00	2997	164.00	308	240.00	364	353.00	1260
93.00	19656	165.00	2577	241.00	931	354.00	1680
94.00	1085	166.00	1681	242.00	2054	355.00	146
95.00	165	167.00	12049	243.00	384	365.00	8086
96.00	845	168.00	5549	244.00	28240	366.00	762
97.00	195	169.00	866	245.00	3666	371.00	311
98.00	13265	170.00	334	246.00	4888	372.00	3477
99.00	10126	171.00	456	247.00	989	373.00	694
100.00	983	172.00	1178	248.00	176	383.00	641
101.00	5244	173.00	1211	249.00	786	390.00	465
102.00	249	174.00	2712	250.00	126	392.00	223
103.00	2038	175.00	4764	251.00	247	402.00	1177
104.00	3741	176.00	1488	252.00	258	403.00	2056
105.00	3324	177.00	2027	253.00	708	404.00	550
107.00	40312	179.00	10572	255.00	136768	421.00	1498
108.00	6116	180.00	6692	256.00	20360	422.00	1525
110.00	84760	181.00	3405	257.00	1617	423.00	12101
111.00	12398	182.00	396	258.00	7745	424.00	2213
112.00	1513	183.00	162	259.00	1342	441.00	37728
113.00	312	184.00	653	260.00	118	442.00	230848
114.00	105	185.00	4715	261.00	164	443.00	43800
115.00	189	186.00	34000	264.00	126	444.00	3983
117.00	34912	187.00	9280	265.00	3249	445.00	127

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151112-34144.b\M966495.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 12-Nov-2015 09:28:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034144-001
Misc. Info.: dftpp
Operator ID: Instrument ID: CBNAMS6

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151112-34144.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 13:59:28 Calib Date: 11-Nov-2015 19:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: manlangitf Date: 12-Nov-2015 09:32:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
16 Pentachlorophenol_T	266	4.270	4.270	0.000	83	367105	NR	NR	
43 Benzidine_T	184	5.927	5.927	0.000	98	1577761	NR	NR	
124 DFTPP									
125 4,4'-DDE	246	6.128	6.128	0.000	1	1724		NR	
126 4,4'-DDD	235	6.531	6.531	0.000	77	38484		NR	M
127 4,4'-DDT	235	6.835	6.835	0.000	96	811981	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
M - Manually Integrated

Reagents:

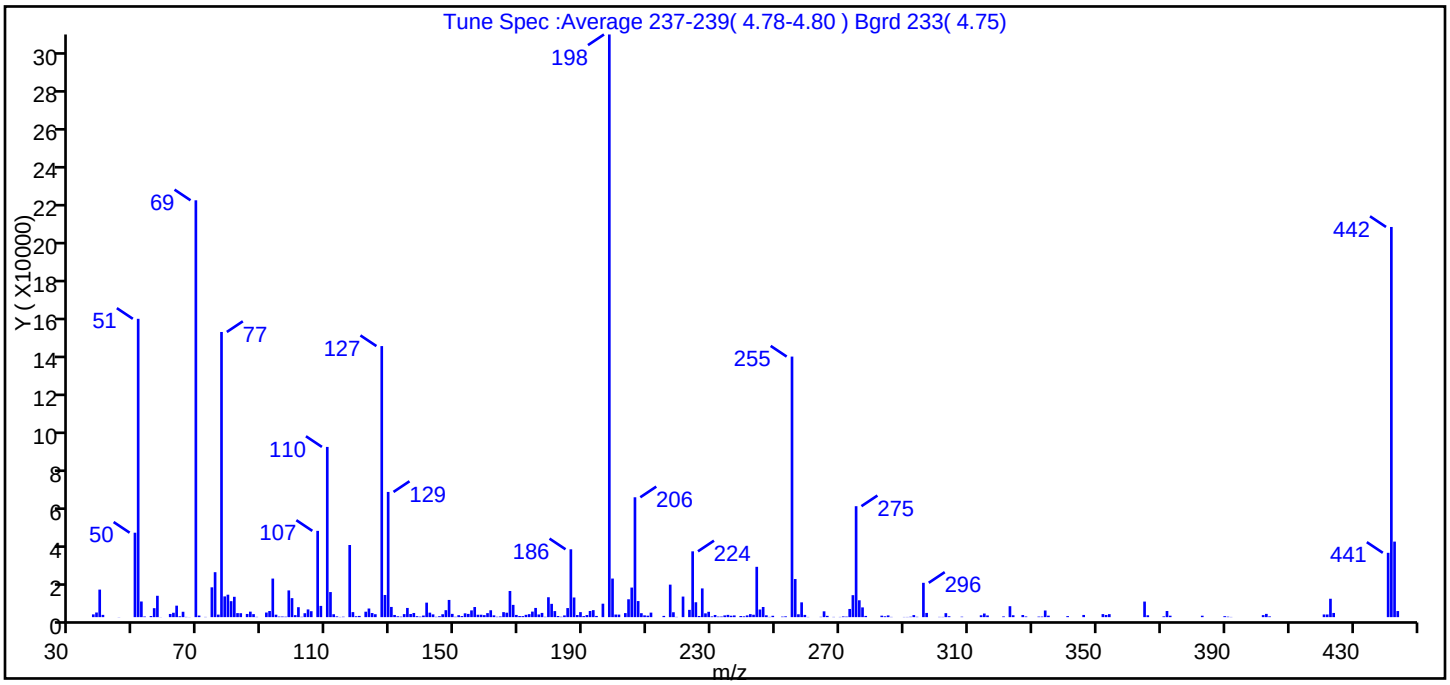
SMDFTP_CH_00011 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151112-34144.b\M966495.D
Injection Date: 12-Nov-2015 09:28:30 Instrument ID: CBNAMS6
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R6 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	51.2
68	<2% of mass 69	0.0 (0.0)
69	Present	71.5
70	<2% of mass 69	0.3 (0.4)
127	40-60% of mass 198	46.5
197	<1% of mass 198	0.0
199	5-9% of mass 198	6.6
275	10-30% of mass 198	19.0
365	>1% of mass 198	2.7
441	Present but less than mass 443	11.0 (85.2)
442	>40% of mass 198	67.0
443	17-23% of mass 442	13.0 (19.4)

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151112-34144.b\M966495.D\8270LVI_R6.rslt\spectra.d
Injection Date: 12-Nov-2015 09:28:30
Spectrum: Tune Spec :Average 237-239(4.78-4.80) Bgrd 233(4.75)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 255

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	1465	122.00	2885	187.00	10420	268.00	125
38.00	2463	123.00	4572	188.00	1115	270.00	115
39.00	14605	124.00	2174	189.00	2665	271.00	375
40.00	1204	125.00	1552	190.00	546	272.00	281
45.00	74	127.00	143744	191.00	1110	273.00	4341
50.00	44776	128.00	11755	192.00	3261	274.00	11657
51.00	158208	129.00	66400	193.00	3715	275.00	58840
52.00	8300	130.00	5408	194.00	640	276.00	8944
53.00	324	131.00	1156	196.00	7133	277.00	5172
55.00	584	132.00	460	198.00	308992	278.00	654
56.00	4750	133.00	249	199.00	20464	283.00	784
57.00	11330	134.00	1600	200.00	1385	284.00	449
58.00	64	135.00	4875	201.00	1348	285.00	914
61.00	1685	136.00	1676	203.00	2144	286.00	125
62.00	2323	137.00	2214	204.00	9476	290.00	101
63.00	6091	138.00	497	205.00	15686	291.00	107
64.00	429	139.00	241	206.00	63568	292.00	207
65.00	2853	140.00	850	207.00	8525	293.00	1089
66.00	126	141.00	7689	208.00	2095	294.00	180
67.00	56	142.00	2381	209.00	955	296.00	18208
69.00	221056	143.00	1469	210.00	775	297.00	2235
70.00	839	144.00	176	211.00	2397	301.00	136
72.00	123	145.00	491	215.00	660	302.00	121
74.00	15817	146.00	1541	217.00	17240	303.00	2112
75.00	23840	147.00	3699	218.00	2599	304.00	476
76.00	1343	148.00	9126	219.00	131	308.00	233
77.00	151232	149.00	1733	221.00	10909	314.00	988
78.00	10999	150.00	191	223.00	3861	315.00	1922
79.00	11898	151.00	1027	224.00	34896	316.00	897
80.00	8476	152.00	571	225.00	7898	321.00	382
81.00	10787	153.00	2027	226.00	618	323.00	5809
82.00	2138	154.00	1715	227.00	15236	324.00	998
83.00	2093	155.00	3589	228.00	2010	327.00	1127

Report Date: 12-Nov-2015 13:59:29 Chrom Revision: 2.2 08-Oct-2015 07:17:48
Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151112-34144.b\M966495.D\8270LVI_R6.rslt\spectra.d
Injection Date: 12-Nov-2015 09:28:30
Spectrum: Tune Spec :Average 237-239(4.78-4.80) Bgrd 233(4.75)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 255

m/z	Y	m/z	Y	m/z	Y	m/z	Y
85.00	1691	156.00	5361	229.00	2837	328.00	359
86.00	2921	157.00	1275	230.00	375	332.00	287
87.00	1597	158.00	1282	231.00	1146	333.00	293
88.00	153	159.00	1060	232.00	305	334.00	3523
91.00	2446	160.00	2132	233.00	320	335.00	776
92.00	3242	161.00	3647	234.00	922	341.00	547
93.00	20456	162.00	951	235.00	1204	346.00	1162
94.00	1300	163.00	204	236.00	756	352.00	1614
95.00	300	164.00	351	237.00	920	353.00	1159
96.00	319	165.00	2653	239.00	593	354.00	1584
97.00	234	166.00	2346	240.00	426	365.00	8256
98.00	14178	167.00	13869	241.00	923	366.00	987
99.00	10074	168.00	6508	242.00	1597	371.00	415
100.00	1051	169.00	1172	243.00	1266	372.00	3258
101.00	5271	170.00	583	244.00	26688	373.00	769
102.00	178	171.00	550	245.00	4049	383.00	755
103.00	2078	172.00	1238	246.00	5382	390.00	516
104.00	4094	173.00	1582	247.00	979	391.00	256
105.00	3149	174.00	2945	248.00	127	392.00	106
107.00	45752	175.00	4886	249.00	720	402.00	1078
108.00	5962	176.00	1418	252.00	283	403.00	1736
110.00	90272	177.00	2248	253.00	425	404.00	408
111.00	13299	178.00	174	255.00	138176	421.00	1424
112.00	1541	179.00	10556	256.00	20216	422.00	1414
113.00	406	180.00	7051	257.00	1522	423.00	9754
114.00	102	181.00	3208	258.00	7850	424.00	2222
115.00	225	182.00	598	259.00	1196	441.00	34112
117.00	38256	183.00	199	260.00	109	442.00	206912
118.00	2675	184.00	915	264.00	172	443.00	40056
119.00	466	185.00	4819	265.00	3086	444.00	3229
120.00	652	186.00	35984	266.00	683		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334367/1-A

Matrix: Water | Lab File ID: M966505.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 11/10/2015 11:08

Sample wt/vol: 250(mL) | Date Analyzed: 11/12/2015 13:59

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334836 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	0.41	U	10	0.41
95-57-8	2-Chlorophenol	0.74	U	10	0.74
95-48-7	2-Methylphenol	1.3	U	10	1.3
106-44-5	4-Methylphenol	0.87	U	10	0.87
100-52-7	Benzaldehyde	0.86	U	10	0.86
98-86-2	Acetophenone	1.0	U	10	1.0
111-44-4	Bis(2-chloroethyl)ether	0.12	U	1.0	0.12
108-60-1	2,2'-oxybis[1-chloropropane]	0.93	U	10	0.93
621-64-7	N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83
98-95-3	Nitrobenzene	0.49	U	1.0	0.49
67-72-1	Hexachloroethane	0.090	U	1.0	0.090
78-59-1	Isophorone	0.67	U	10	0.67
88-75-5	2-Nitrophenol	0.59	U	10	0.59
105-67-9	2,4-Dimethylphenol	0.91	U	10	0.91
120-83-2	2,4-Dichlorophenol	0.63	U	10	0.63
111-91-1	Bis(2-chloroethoxy)methane	0.69	U	10	0.69
91-20-3	Naphthalene	0.80	U	10	0.80
106-47-8	4-Chloroaniline	0.73	U	10	0.73
87-68-3	Hexachlorobutadiene	0.76	U	1.0	0.76
105-60-2	Caprolactam	1.1	U	10	1.1
59-50-7	4-Chloro-3-methylphenol	0.76	U	10	0.76
91-57-6	2-Methylnaphthalene	0.88	U	10	0.88
118-74-1	Hexachlorobenzene	0.47	U	1.0	0.47
77-47-4	Hexachlorocyclopentadiene	0.61	U	10	0.61
88-06-2	2,4,6-Trichlorophenol	0.53	U	10	0.53
95-95-4	2,4,5-Trichlorophenol	0.49	U	10	0.49
92-52-4	Diphenyl	0.63	U	10	0.63
91-58-7	2-Chloronaphthalene	0.61	U	10	0.61
88-74-4	2-Nitroaniline	0.65	U	10	0.65
606-20-2	2,6-Dinitrotoluene	0.88	U	2.0	0.88
131-11-3	Dimethyl phthalate	0.98	U	10	0.98
208-96-8	Acenaphthylene	0.65	U	10	0.65
99-09-2	3-Nitroaniline	0.82	U	10	0.82
83-32-9	Acenaphthene	0.88	U	10	0.88

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334367/1-A

Matrix: Water | Lab File ID: M966505.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 11/10/2015 11:08

Sample wt/vol: 250(mL) | Date Analyzed: 11/12/2015 13:59

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334836 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	4.7	U	20	4.7
51-28-5	2,4-Dinitrophenol	2.4	U	20	2.4
132-64-9	Dibenzofuran	0.85	U	10	0.85
84-66-2	Diethyl phthalate	1.0	U	10	1.0
86-73-7	Fluorene	0.80	U	10	0.80
206-44-0	Fluoranthene	0.72	U	10	0.72
84-74-2	Di-n-butyl phthalate	0.82	U	10	0.82
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
7005-72-3	4-Chlorophenyl phenyl ether	0.96	U	10	0.96
100-01-6	4-Nitroaniline	0.48	U	10	0.48
534-52-1	4,6-Dinitro-2-methylphenol	2.0	U	20	2.0
101-55-3	4-Bromophenyl phenyl ether	1.0	U	10	1.0
1912-24-9	Atrazine	0.77	U	2.0	0.77
120-12-7	Anthracene	0.57	U	10	0.57
86-74-8	Carbazole	0.85	U	10	0.85
85-01-8	Phenanthrene	0.65	U	10	0.65
87-86-5	Pentachlorophenol	2.2	U	20	2.2
129-00-0	Pyrene	0.83	U	10	0.83
218-01-9	Chrysene	0.67	U	2.0	0.67
207-08-9	Benzo[k]fluoranthene	0.18	U	1.0	0.18
191-24-2	Benzo[g,h,i]perylene	0.75	U	10	0.75
205-99-2	Benzo[b]fluoranthene	0.44	U	1.0	0.44
50-32-8	Benzo[a]pyrene	0.16	U	1.0	0.16
56-55-3	Benzo[a]anthracene	0.55	U	1.0	0.55
86-30-6	N-Nitrosodiphenylamine	0.74	U	10	0.74
85-68-7	Butyl benzyl phthalate	0.60	U	10	0.60
117-81-7	Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72
117-84-0	Di-n-octyl phthalate	0.69	U	10	0.69
193-39-5	Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21
53-70-3	Dibenz(a,h)anthracene	0.090	U	1.0	0.090
91-94-1	3,3'-Dichlorobenzidine	1.0	U	10	1.0
95-94-3	1,2,4,5-Tetrachlorobenzene	0.43	U	10	0.43
58-90-2	2,3,4,6-Tetrachlorophenol	0.69	U	10	0.69

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334367/1-A

Matrix: Water | Lab File ID: M966505.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 11/10/2015 11:08

Sample wt/vol: 250(mL) | Date Analyzed: 11/12/2015 13:59

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334836 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	80		62-120
4165-62-2	Phenol-d5	29		10-53
1718-51-0	Terphenyl-d14	80		57-125
118-79-6	2,4,6-Tribromophenol	72		43-126
367-12-4	2-Fluorophenol	38		13-77
321-60-8	2-Fluorobiphenyl	72		63-113

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334367/1-A

Matrix: Water | Lab File ID: M966505.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 11/10/2015 11:08

Sample wt/vol: 250(mL) | Date Analyzed: 11/12/2015 13:59

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334836 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151112-34144.b\M966505.D
Lims ID: MB 460-334367/1-A
Client ID:
Sample Type: MB
Inject. Date: 12-Nov-2015 13:59:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034144-011
Operator ID: Instrument ID: CBNAMS6

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151112-34144.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 14:29:50 Calib Date: 11-Nov-2015 19:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK020

First Level Reviewer: bayoumiw Date: 12-Nov-2015 14:29:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.897	2.887	0.010	89	520961	10.0	3.84	
$ 6 Phenol-d5	99	3.833	3.825	0.008	70	500687	10.0	2.87	
* 14 1,4-Dichlorobenzene-d4	152	4.123	4.120	0.003	95	697446	8.00	8.00	
$ 28 Nitrobenzene-d5	82	4.688	4.698	-0.010	92	1371284	10.0	8.04	
* 38 Naphthalene-d8	136	5.417	5.410	0.007	99	2278501	8.00	8.00	
$ 52 2-Fluorobiphenyl	172	6.506	6.505	0.001	96	1809419	10.0	7.20	
* 64 Acenaphthene-d10	164	7.165	7.164	0.001	92	1278045	8.00	8.00	
$ 80 2,4,6-Tribromophenol	330	7.951	7.954	-0.003	93	337262	10.0	7.17	
* 87 Phenanthrene-d10	188	8.628	8.624	0.004	99	2047991	8.00	8.00	
$ 96 Terphenyl-d14	244	10.196	10.194	0.002	98	1699597	10.0	7.99	
* 102 Chrysene-d12	240	11.332	11.329	0.003	99	1558053	8.00	8.00	
* 109 Perylene-d12	264	13.196	13.193	0.003	99	1252240	8.00	8.00	

Reagents:

SM_ISTD_LVI_00095 Amount Added: 20.00 Units: uL Run Reagent

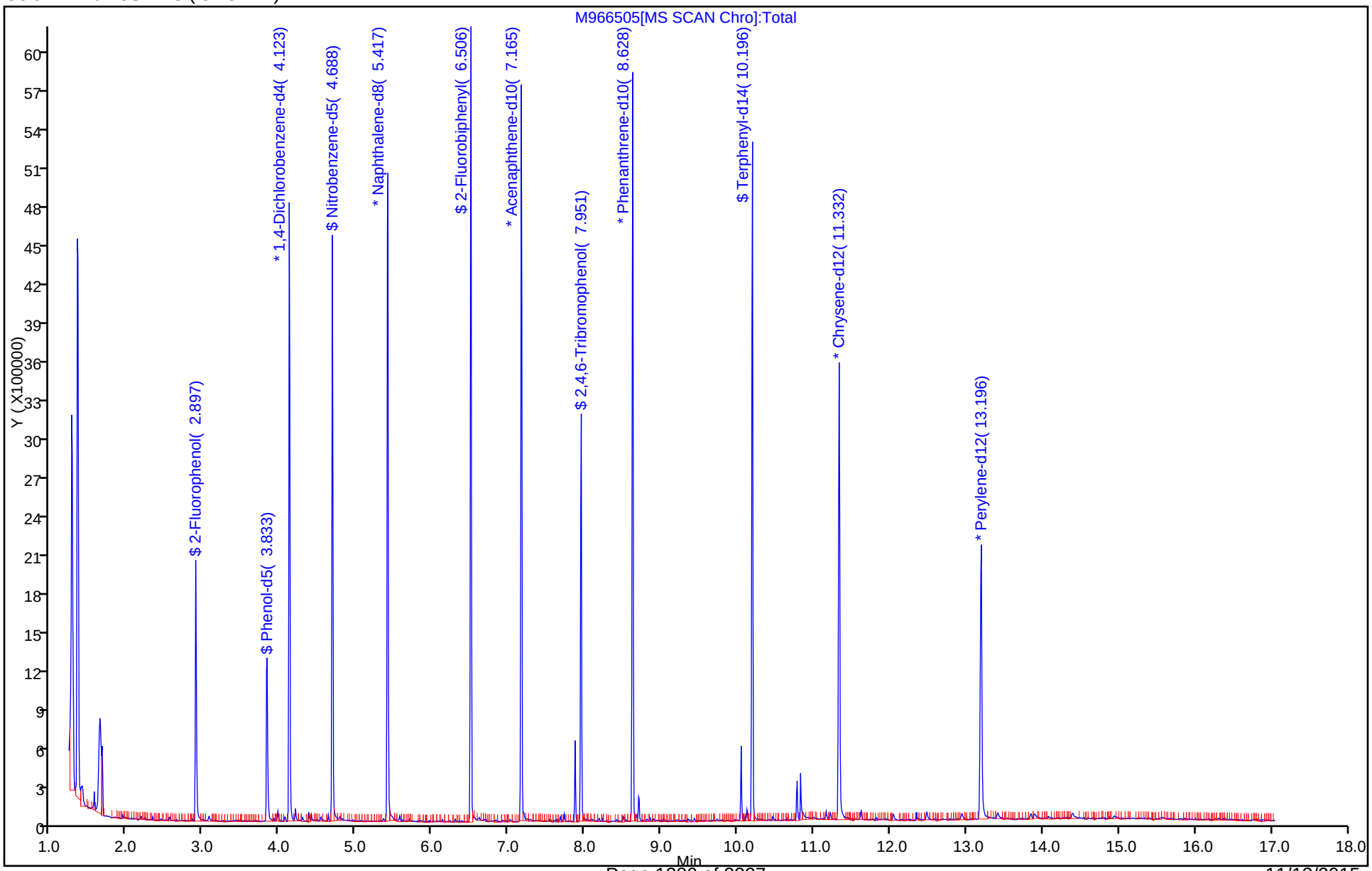
Report Date: 12-Nov-2015 14:29:51 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151112-34144.b\M966505.D

Injection Date:	12-Nov-2015 13:59:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	MB 460-334367/1-A			Worklist Smp#:	11
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334425/1-A

Matrix: Solid | Lab File ID: x8402.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/11/2015 06:01

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	11	U	330	11
95-57-8	2-Chlorophenol	8.4	U	330	8.4
95-48-7	2-Methylphenol	14	U	330	14
106-44-5	4-Methylphenol	9.0	U	330	9.0
100-52-7	Benzaldehyde	25	U	330	25
98-86-2	Acetophenone	7.2	U	330	7.2
111-44-4	Bis(2-chloroethyl)ether	7.8	U	33	7.8
108-60-1	2,2'-oxybis[1-chloropropane]	14	U	330	14
621-64-7	N-Nitrosodi-n-propylamine	11	U	33	11
98-95-3	Nitrobenzene	10	U	33	10
67-72-1	Hexachloroethane	12	U	33	12
78-59-1	Isophorone	7.1	U	130	7.1
88-75-5	2-Nitrophenol	11	U	330	11
105-67-9	2,4-Dimethylphenol	73	U	330	73
120-83-2	2,4-Dichlorophenol	7.8	U	130	7.8
111-91-1	Bis(2-chloroethoxy)methane	10	U	330	10
91-20-3	Naphthalene	8.4	U	330	8.4
106-47-8	4-Chloroaniline	8.5	U	330	8.5
87-68-3	Hexachlorobutadiene	9.3	U	67	9.3
105-60-2	Caprolactam	24	U	330	24
59-50-7	4-Chloro-3-methylphenol	14	U	330	14
91-57-6	2-Methylnaphthalene	7.3	U	330	7.3
118-74-1	Hexachlorobenzene	13	U	33	13
77-47-4	Hexachlorocyclopentadiene	21	U	330	21
88-06-2	2,4,6-Trichlorophenol	9.4	U	130	9.4
95-95-4	2,4,5-Trichlorophenol	33	U	330	33
92-52-4	Diphenyl	28	U	330	28
91-58-7	2-Chloronaphthalene	7.5	U	330	7.5
88-74-4	2-Nitroaniline	11	U	330	11
606-20-2	2,6-Dinitrotoluene	18	U	67	18
131-11-3	Dimethyl phthalate	9.6	U	330	9.6
208-96-8	Acenaphthylene	8.5	U	330	8.5
99-09-2	3-Nitroaniline	9.8	U	330	9.8
83-32-9	Acenaphthene	8.0	U	330	8.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334425/1-A

Matrix: Solid | Lab File ID: x8402.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/11/2015 06:01

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	160	U	670	160
51-28-5	2,4-Dinitrophenol	250	U	270	250
132-64-9	Dibenzofuran	10	U	330	10
84-66-2	Diethyl phthalate	9.4	U	330	9.4
86-73-7	Fluorene	7.2	U	330	7.2
206-44-0	Fluoranthene	9.8	U	330	9.8
84-74-2	Di-n-butyl phthalate	9.9	U	330	9.9
121-14-2	2,4-Dinitrotoluene	13	U	67	13
7005-72-3	4-Chlorophenyl phenyl ether	9.9	U	330	9.9
100-01-6	4-Nitroaniline	13	U	330	13
534-52-1	4,6-Dinitro-2-methylphenol	88	U	270	88
101-55-3	4-Bromophenyl phenyl ether	10	U	330	10
1912-24-9	Atrazine	15	U	130	15
120-12-7	Anthracene	31	U	330	31
86-74-8	Carbazole	8.2	U	330	8.2
85-01-8	Phenanthrene	8.8	U	330	8.8
87-86-5	Pentachlorophenol	40	U	270	40
129-00-0	Pyrene	15	U	330	15
218-01-9	Chrysene	9.0	U	330	9.0
207-08-9	Benzo[k]fluoranthene	14	U	33	14
191-24-2	Benzo[g,h,i]perylene	19	U	330	19
205-99-2	Benzo[b]fluoranthene	13	U	33	13
50-32-8	Benzo[a]pyrene	10	U	33	10
56-55-3	Benzo[a]anthracene	28	U	33	28
86-30-6	N-Nitrosodiphenylamine	30	U	330	30
85-68-7	Butyl benzyl phthalate	10	U	330	10
117-81-7	Bis(2-ethylhexyl) phthalate	13	U	330	13
117-84-0	Di-n-octyl phthalate	17	U	330	17
193-39-5	Indeno[1,2,3-cd]pyrene	22	U	33	22
53-70-3	Dibenz(a,h)anthracene	17	U	33	17
91-94-1	3,3'-Dichlorobenzidine	37	U	130	37
95-94-3	1,2,4,5-Tetrachlorobenzene	25	U	330	25
58-90-2	2,3,4,6-Tetrachlorophenol	31	U	330	31

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334425/1-A

Matrix: Solid | Lab File ID: x8402.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/11/2015 06:01

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	80		28-92
4165-62-2	Phenol-d5	77		22-88
1718-51-0	Terphenyl-d14	99		16-114
118-79-6	2,4,6-Tribromophenol	82		10-95
367-12-4	2-Fluorophenol	72		21-84
321-60-8	2-Fluorobiphenyl	69		27-84

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334425/1-A

Matrix: Solid | Lab File ID: x8402.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/11/2015 06:01

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 1980

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Aldol condensation product	2.79	1980	J A

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8402.D
Lims ID: MB 460-334425/1-A
Client ID:
Sample Type: MB
Inject. Date: 11-Nov-2015 06:01:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034083-010
Operator ID: Instrument ID: CBNAMS5

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 23:52:38 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: manlangitf Date: 11-Nov-2015 06:31:13

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.087	3.057	0.030	97	187905	50.0	36.2	
$ 6 Phenol-d5	99	3.975	3.993	-0.018	86	227433	50.0	38.6	
* 14 1,4-Dichlorobenzene-d4	152	4.334	4.334	0.000	95	153533	40.0	40.0	
$ 26 Nitrobenzene-d5	82	4.887	4.898	-0.011	85	201257	50.0	39.9	
* 38 Naphthalene-d8	136	5.610	5.616	-0.006	99	580247	40.0	40.0	
$ 51 2-Fluorobiphenyl	172	6.693	6.698	-0.005	98	405893	50.0	34.7	
* 65 Acenaphthene-d10	164	7.363	7.363	0.000	92	290971	40.0	40.0	
$ 80 2,4,6-Tribromophenol	330	8.139	8.145	-0.006	93	47659	50.0	41.2	
* 88 Phenanthrene-d10	188	8.828	8.828	0.000	98	390981	40.0	40.0	
$ 96 Terphenyl-d14	244	10.398	10.404	-0.006	99	278162	50.0	49.4	
* 102 Chrysene-d12	240	11.592	11.592	0.000	99	203290	40.0	40.0	
* 109 Perylene-d12	264	13.516	13.521	-0.005	97	128155	40.0	40.0	

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8402.D				
Lims ID:	MB 460-334425/1-A				
Client ID:					
Sample Type:	MB				
Inject. Date:	11-Nov-2015 06:01:30	ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0034083-010				
Operator ID:		Instrument ID:	CBNAMS5		
Method:	\\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\8270_5R.m				
Limit Group:	SV 8270D ICAL				
Last Update:	11-Nov-2015 23:52:38	Calib Date:	08-Nov-2015 21:05:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\ChromNA\Edison\Database\NIST02.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK009				
First Level Reviewer: manlangitf		Date:	11-Nov-2015 06:31:13		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
2.787	651068	29.8	14	0	0		0	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.334	874769	40.0

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 23:53:04 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8402.D

Injection Date:	11-Nov-2015 06:01:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	MB 460-334425/1-A			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

Report Date: 11-Nov-2015 23:53:04 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8402.D

Injection Date: 11-Nov-2015 06:01:30 Instrument ID: CBNAMS5

Lims ID: MB 460-334425/1-A

Client ID:

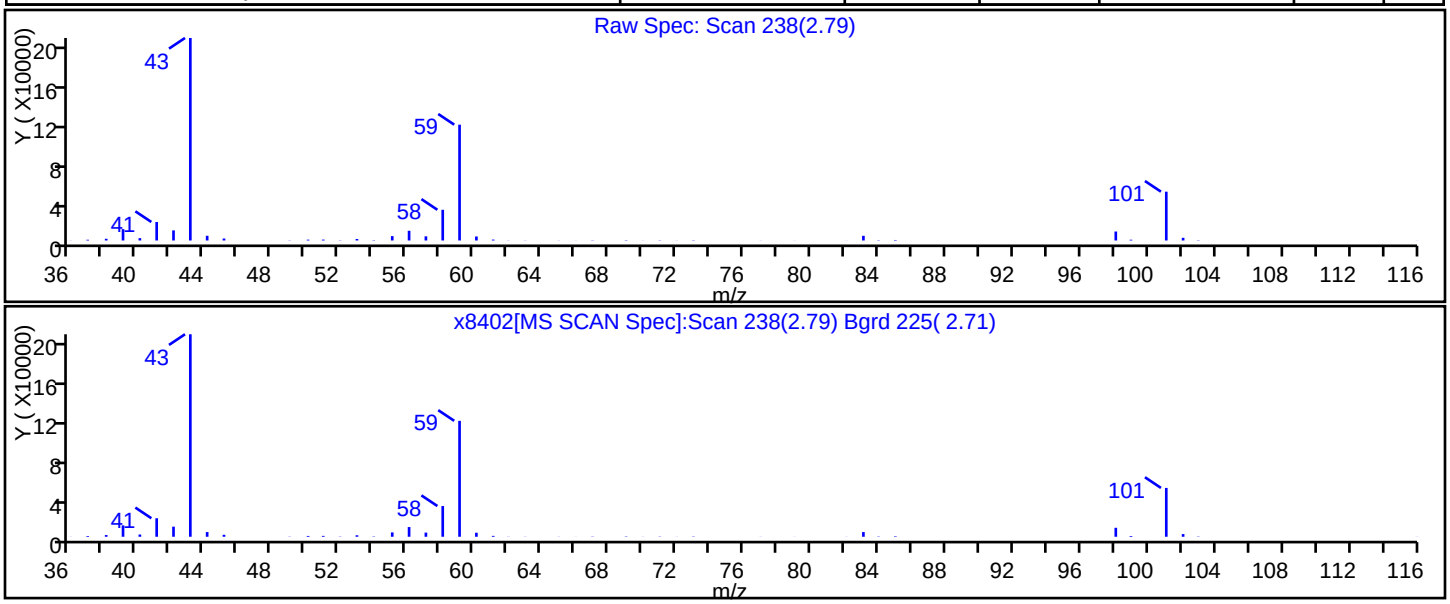
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334367/2-A

Matrix: Water | Lab File ID: M966492.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 11/10/2015 11:08

Sample wt/vol: 250(mL) | Date Analyzed: 11/12/2015 03:56

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334749 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	24.9		10	0.41
95-57-8	2-Chlorophenol	62.3		10	0.74
95-48-7	2-Methylphenol	52.4		10	1.3
106-44-5	4-Methylphenol	48.1		10	0.87
98-86-2	Acetophenone	69.6		10	1.0
111-44-4	Bis(2-chloroethyl)ether	62.9		1.0	0.12
108-60-1	2,2'-oxybis[1-chloropropane]	67.2		10	0.93
621-64-7	N-Nitrosodi-n-propylamine	65.1		1.0	0.83
98-95-3	Nitrobenzene	72.1		1.0	0.49
67-72-1	Hexachloroethane	60.6		1.0	0.090
78-59-1	Isophorone	67.0		10	0.67
88-75-5	2-Nitrophenol	71.6		10	0.59
105-67-9	2,4-Dimethylphenol	65.2		10	0.91
120-83-2	2,4-Dichlorophenol	72.2		10	0.63
111-91-1	Bis(2-chloroethoxy)methane	70.7		10	0.69
91-20-3	Naphthalene	67.9		10	0.80
106-47-8	4-Chloroaniline	65.8		10	0.73
87-68-3	Hexachlorobutadiene	62.8		1.0	0.76
59-50-7	4-Chloro-3-methylphenol	66.4		10	0.76
91-57-6	2-Methylnaphthalene	76.9		10	0.88
118-74-1	Hexachlorobenzene	79.7		1.0	0.47
77-47-4	Hexachlorocyclopentadiene	66.4		10	0.61
88-06-2	2,4,6-Trichlorophenol	68.0		10	0.53
95-95-4	2,4,5-Trichlorophenol	65.4		10	0.49
92-52-4	Diphenyl	66.6		10	0.63
91-58-7	2-Chloronaphthalene	64.4		10	0.61
88-74-4	2-Nitroaniline	66.7		10	0.65
606-20-2	2,6-Dinitrotoluene	69.3		2.0	0.88
131-11-3	Dimethyl phthalate	70.4		10	0.98
208-96-8	Acenaphthylene	66.9		10	0.65
99-09-2	3-Nitroaniline	63.8		10	0.82
83-32-9	Acenaphthene	71.7		10	0.88
100-02-7	4-Nitrophenol	36.3		20	4.7
51-28-5	2,4-Dinitrophenol	130		20	2.4

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334367/2-A

Matrix: Water | Lab File ID: M966492.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 11/10/2015 11:08

Sample wt/vol: 250(mL) | Date Analyzed: 11/12/2015 03:56

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334749 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
132-64-9	Dibenzofuran	62.9		10	0.85
84-66-2	Diethyl phthalate	87.9		10	1.0
86-73-7	Fluorene	72.3		10	0.80
206-44-0	Fluoranthene	81.7		10	0.72
84-74-2	Di-n-butyl phthalate	91.0		10	0.82
121-14-2	2,4-Dinitrotoluene	68.3		2.0	1.0
7005-72-3	4-Chlorophenyl phenyl ether	63.3		10	0.96
100-01-6	4-Nitroaniline	67.8		10	0.48
534-52-1	4,6-Dinitro-2-methylphenol	167		20	2.0
101-55-3	4-Bromophenyl phenyl ether	80.8		10	1.0
120-12-7	Anthracene	80.2		10	0.57
86-74-8	Carbazole	75.8		10	0.85
85-01-8	Phenanthrene	84.0		10	0.65
87-86-5	Pentachlorophenol	143		20	2.2
129-00-0	Pyrene	79.3		10	0.83
218-01-9	Chrysene	84.0		2.0	0.67
207-08-9	Benzo[k]fluoranthene	74.0		1.0	0.18
191-24-2	Benzo[g,h,i]perylene	106		10	0.75
205-99-2	Benzo[b]fluoranthene	78.9		1.0	0.44
50-32-8	Benzo[a]pyrene	81.8		1.0	0.16
56-55-3	Benzo[a]anthracene	81.1		1.0	0.55
86-30-6	N-Nitrosodiphenylamine	121		10	0.74
85-68-7	Butyl benzyl phthalate	86.9		10	0.60
117-81-7	Bis(2-ethylhexyl) phthalate	82.9		2.0	0.72
117-84-0	Di-n-octyl phthalate	72.0		10	0.69
193-39-5	Indeno[1,2,3-cd]pyrene	105		1.0	0.21
53-70-3	Dibenz(a,h)anthracene	102		1.0	0.090
91-94-1	3,3'-Dichlorobenzidine	94.4		10	1.0
95-94-3	1,2,4,5-Tetrachlorobenzene	65.7		10	0.43
58-90-2	2,3,4,6-Tetrachlorophenol	63.1		10	0.69

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334367/2-A

Matrix: Water | Lab File ID: M966492.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 11/10/2015 11:08

Sample wt/vol: 250(mL) | Date Analyzed: 11/12/2015 03:56

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334749 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	77		62-120
4165-62-2	Phenol-d5	25		10-53
1718-51-0	Terphenyl-d14	88		57-125
118-79-6	2,4,6-Tribromophenol	74		43-126
367-12-4	2-Fluorophenol	36		13-77
321-60-8	2-Fluorobiphenyl	64		63-113

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966492.D
Lims ID: LCS 460-334367/2-A
Client ID:
Sample Type: LCS
Inject. Date: 12-Nov-2015 03:56:30 ALS Bottle#: 33 Worklist Smp#: 33
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034125-033
Operator ID: Instrument ID: CBNAMS6

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 13:34:53 Calib Date: 11-Nov-2015 19:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK020

First Level Reviewer: zhaoc Date: 12-Nov-2015 12:15:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.640	1.656	-0.016	94	228446	10.0	4.52	
2 N-Nitrosodimethylamine	74	1.862	1.878	-0.016	75	470730	10.0	4.84	
3 Pyridine	79	1.898	1.901	-0.003	82	573267	10.0	4.21	
$ 4 2-Fluorophenol	112	3.028	3.026	0.002	85	462570	10.0	3.60	
8 Aniline	93	3.930	3.934	-0.004	97	1503751	10.0	6.97	
$ 6 Phenol-d5	99	3.960	3.949	0.011	8	411899	10.0	2.49	
7 Phenol	94	3.975	3.964	0.011	93	543676	10.0	3.11	
9 Bis(2-chloroethyl)ether	93	3.990	3.994	-0.004	85	1258222	10.0	7.86	
10 Benzonitrile	103	4.005	4.009	-0.004	89	2193860	NC	NC	
11 2-Chlorophenol	128	4.072	4.069	0.003	89	908169	10.0	7.79	
12 n-Decane	43	4.095	4.099	-0.004	90	1168553	10.0	8.08	
13 1,3-Dichlorobenzene	146	4.200	4.196	0.004	89	957076	10.0	7.99	
* 14 1,4-Dichlorobenzene-d4	152	4.252	4.246	0.006	95	660764	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.267	4.271	-0.004	86	954474	10.0	8.33	
17 Benzyl alcohol	108	4.408	4.412	-0.004	85	588267	10.0	6.96	
18 1,2-Dichlorobenzene	146	4.423	4.427	-0.004	89	921410	10.0	9.07	
20 2,2'-oxybis[1-chloropropan	45	4.535	4.532	0.003	90	2413547	10.0	8.40	
19 2-Methylphenol	108	4.564	4.562	0.002	75	773173	10.0	6.56	
23 N-Methylaniline	106	4.658	4.659	-0.001	72	1475365	NC	NC	
24 Acetophenone	105	4.673	4.674	-0.001	82	1431344	10.0	8.70	
25 N-Nitrosodi-n-propylamine	70	4.680	4.682	-0.002	94	978132	10.0	8.14	
26 3 & 4 Methylphenol	108	4.718	4.719	-0.001	20	734315	10.0	6.00	
21 4-Methylphenol	108	4.718	4.719	-0.001	93	724532	10.0	6.01	
27 Hexachloroethane	117	4.762	4.764	-0.002	89	464521	10.0	7.57	
$ 28 Nitrobenzene-d5	82	4.823	4.824	-0.001	92	1241092	10.0	7.69	
29 Nitrobenzene	77	4.845	4.847	-0.002	84	1619555	10.0	9.02	
30 n,n'-Dimethylaniline	120	4.845	4.847	-0.002	74	1251966	10.0	9.52	
31 Isophorone	82	5.083	5.085	-0.002	95	2571030	10.0	8.37	
32 2-Nitrophenol	139	5.158	5.160	-0.002	78	677133	10.0	8.94	
33 2,4-Dimethylphenol	122	5.240	5.242	-0.002	83	805347	10.0	8.15	
34 Bis(2-chloroethoxy)methane	93	5.307	5.309	-0.002	93	1400596	10.0	8.84	
35 Benzoic acid	122	5.358	5.421	-0.063	33	69835	10.0	1.81	7

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
36 2,4-Dichlorophenol	162	5.433	5.436	-0.003	89	860281	10.0	9.02	
37 1,2,4-Trichlorobenzene	180	5.486	5.486	0.000	87	820350	10.0	8.08	
* 38 Naphthalene-d8	136	5.544	5.536	0.008	98	2158454	8.00	8.00	
39 Naphthalene	128	5.567	5.566	0.001	96	2388364	10.0	8.48	
40 4-Chloroaniline	127	5.634	5.633	0.001	89	1101284	10.0	8.23	
41 Hexachlorobutadiene	225	5.694	5.693	0.001	85	439204	10.0	7.85	
44 4-Chloro-3-methylphenol	107	6.164	6.160	0.004	90	875880	10.0	8.30	
45 2-Methylnaphthalene	142	6.262	6.256	0.006	80	1729259	10.0	9.61	
46 1-Methylnaphthalene	142	6.356	6.353	0.003	83	1603710	10.0	9.21	
47 Hexachlorocyclopentadiene	237	6.424	6.420	0.004	83	441881	10.0	8.30	
48 1,2,4,5-Tetrachlorobenzene	216	6.431	6.435	-0.005	90	818929	10.0	8.22	
49 2-tertbutyl-4-methylphenol	149	6.489	6.487	0.002	87	1252761	10.0	9.51	
50 2,4,6-Trichlorophenol	196	6.565	6.560	0.005	85	600287	10.0	8.51	
51 2,4,5-Trichlorophenol	196	6.625	6.626	-0.001	78	551165	10.0	8.18	
$ 52 2-Fluorobiphenyl	172	6.633	6.634	-0.001	96	1464359	10.0	6.42	
53 1,1'-Biphenyl	154	6.729	6.731	-0.002	97	1971644	10.0	8.33	
54 2-Chloronaphthalene	162	6.744	6.746	-0.002	93	1462324	10.0	8.05	
55 Phenyl ether	170	6.835	6.827	0.008	85	1139211	10.0	8.81	
57 2-Nitroaniline	65	6.865	6.858	0.007	76	746674	10.0	8.34	
58 1,3-Dimethylnaphthalene	156	6.962	6.963	-0.001	88	1290603	10.0	8.32	
59 Dimethyl phthalate	163	7.052	7.046	0.006	96	1866974	10.0	8.80	
60 Coumarin	146	7.059	7.060	-0.001	72	647668	10.0	10.9	
61 2,6-Dinitrotoluene	165	7.105	7.098	0.007	36	513680	10.0	8.67	
62 Acenaphthylene	152	7.157	7.157	0.000	95	2460640	10.0	8.36	
63 3-Nitroaniline	138	7.276	7.275	0.001	90	526666	10.0	7.98	
* 64 Acenaphthene-d10	164	7.298	7.293	0.005	86	1159591	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.329	7.328	0.001	84	1191556	10.0	9.39	
66 Acenaphthene	154	7.329	7.328	0.001	93	1257076	10.0	8.96	
67 2,4-Dinitrophenol	184	7.381	7.373	0.008	94	554679	20.0	16.2	
70 2,4-Dinitrotoluene	165	7.498	7.493	0.005	71	592712	10.0	8.54	
71 Dibenzofuran	168	7.506	7.501	0.005	89	2011919	10.0	7.86	
69 4-Nitrophenol	65	7.529	7.516	0.013	9	238803	20.0	4.53	
72 2,3,4,6-Tetrachlorophenol	232	7.640	7.637	0.003	83	461160	10.0	7.89	
73 Diethyl phthalate	149	7.744	7.739	0.005	96	1932666	10.0	11.0	
74 4-Chlorophenyl phenyl ethe	204	7.840	7.835	0.005	77	720551	10.0	7.91	
75 Fluorene	166	7.840	7.835	0.005	77	1443047	10.0	9.04	
76 4-Nitroaniline	138	7.893	7.895	-0.002	88	472414	10.0	8.48	
77 4,6-Dinitro-2-methylphenol	198	7.916	7.910	0.006	88	695338	20.0	20.9	
78 N-Nitrosodiphenylamine	169	7.969	7.970	-0.001	67	2189892	20.0	15.1	
79 1,2-Diphenylhydrazine	77	7.999	8.000	-0.001	88	2147643	10.0	10.2	
$ 80 2,4,6-Tribromophenol	330	8.089	8.083	0.005	88	315544	10.0	7.40	
81 4-Bromophenyl phenyl ether	248	8.320	8.321	-0.001	84	508772	10.0	10.1	
82 Hexachlorobenzene	284	8.386	8.389	-0.003	93	599866	10.0	9.96	
85 Pentachloronitrobenzene	237	8.595	8.589	0.006	61	219804	10.0	10.9	
84 Pentachlorophenol	266	8.602	8.596	0.006	85	469810	20.0	17.9	
86 n-Octadecane	57	8.659	8.662	-0.003	95	1457868	10.0	11.0	
* 87 Phenanthrene-d10	188	8.763	8.750	0.013	99	1544699	8.00	8.00	
88 Phenanthrene	178	8.785	8.782	0.003	98	2079064	10.0	10.5	
89 Anthracene	178	8.837	8.835	0.001	97	2001930	10.0	10.0	
90 Carbazole	167	9.003	9.000	0.003	83	1904458	10.0	9.48	
91 Di-n-butyl phthalate	149	9.340	9.337	0.003	99	2623082	10.0	11.4	
92 Fluoranthene	202	9.952	9.949	0.003	97	2055631	10.0	10.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Benzidine	184	10.085	10.084	0.001	99	590605	10.0	5.93	
94 Pyrene	202	10.169	10.167	0.002	96	1990570	10.0	9.91	
95 Bisphenol-A	213	10.235	10.234	0.001	0	346777	5.00	4.27	
$ 96 Terphenyl-d14	244	10.324	10.322	0.002	98	1287440	10.0	8.83	
97 Butyl benzyl phthalate	149	10.844	10.841	0.003	96	1120924	10.0	10.9	
99 Carbamazepine	193	10.979	10.973	0.006	84	748773	10.0	12.4	
100 3,3'-Dichlorobenzidine	252	11.465	11.462	0.003	98	696965	10.0	11.8	
101 Benzo[a]anthracene	228	11.486	11.483	0.003	88	1615070	10.0	10.1	
* 102 Chrysene-d12	240	11.500	11.487	0.013	98	1067750	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.528	11.524	0.004	90	1254352	10.0	10.4	
104 Chrysene	228	11.535	11.531	0.004	96	1421826	10.0	10.5	
105 Di-n-octyl phthalate	149	12.375	12.367	0.008	96	2254297	10.0	8.99	
106 Benzo[b]fluoranthene	252	12.884	12.874	0.010	89	1657514	10.0	9.86	
107 Benzo[k]fluoranthene	252	12.918	12.912	0.006	90	1660123	10.0	9.25	
108 Benzo[a]pyrene	252	13.320	13.314	0.006	88	1625657	10.0	10.2	
* 109 Perylene-d12	264	13.398	13.386	0.012	100	1188573	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.891	14.875	0.016	98	1876180	10.0	13.1	
111 Dibenz(a,h)anthracene	278	14.926	14.913	0.013	85	1755629	10.0	12.8	
112 Benzo[g,h,i]perylene	276	15.309	15.284	0.025	90	1925587	10.0	13.3	

QC Flag Legend

Processing Flags

NC - Not Calibrated

7 - Failed Limit of Detection

Reagents:

SM_ISTD_LVI_00095 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 12-Nov-2015 13:34:57 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966492.D

Injection Date: 12-Nov-2015 03:56:30 Instrument ID: CBNAMS6 Operator ID:

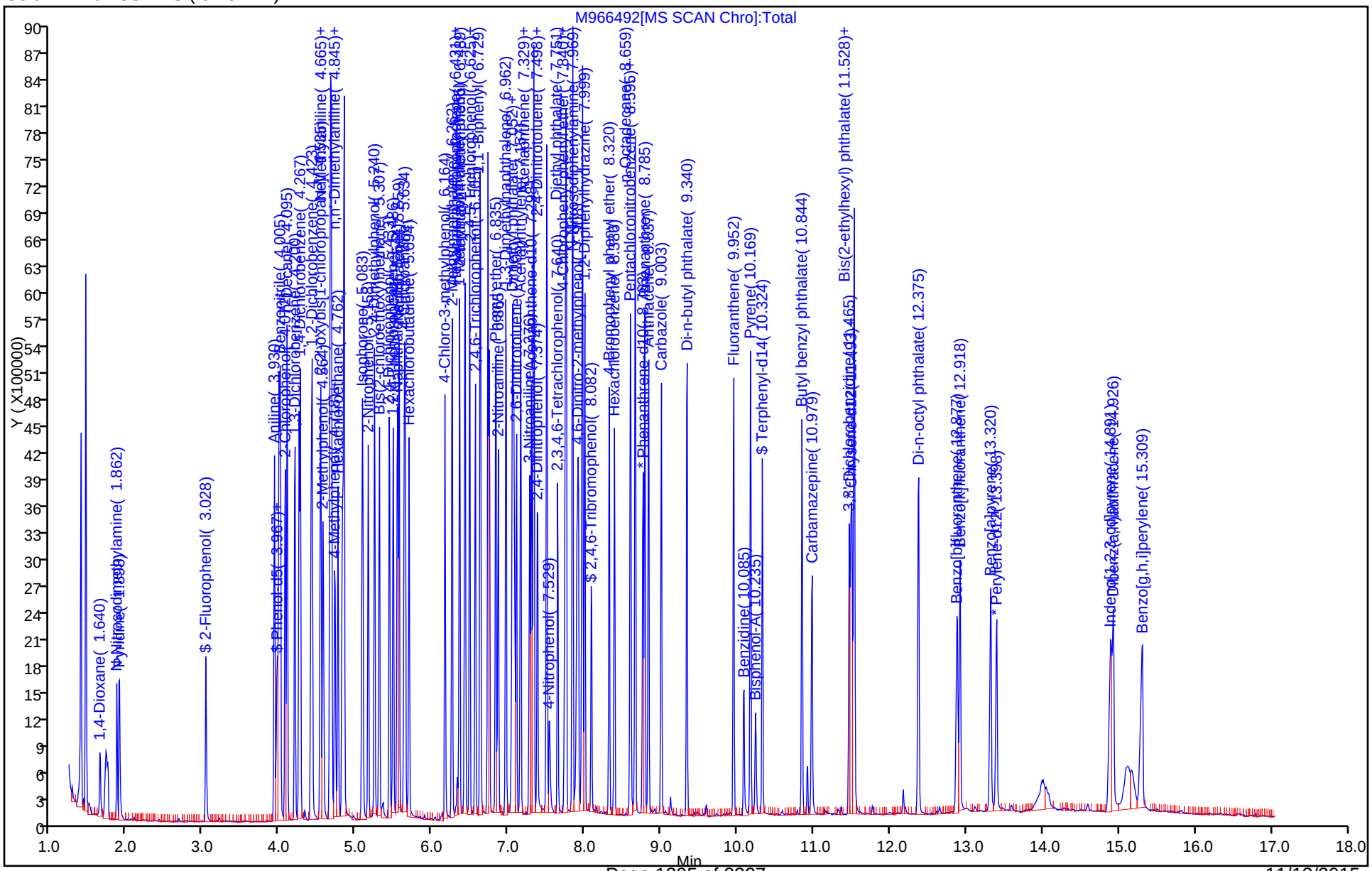
Lims ID: LCS 460-334367/2-A Worklist Smp#: 33

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 33

Method: 8270LVI_R6 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334367/4-A

Matrix: Water | Lab File ID: M966511.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 11/10/2015 11:08

Sample wt/vol: 250(mL) | Date Analyzed: 11/12/2015 16:04

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334836 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	122		10	0.86
105-60-2	Caprolactam	35.9		10	1.1
1912-24-9	Atrazine	115		2.0	0.77

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	79		62-120
4165-62-2	Phenol-d5	26		10-53
1718-51-0	Terphenyl-d14	94		57-125
118-79-6	2,4,6-Tribromophenol	57		43-126
367-12-4	2-Fluorophenol	37		13-77
321-60-8	2-Fluorobiphenyl	62	X	63-113

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151112-34144.b\M966511.D
Lims ID: LCS 460-334367/4-A
Client ID:
Sample Type: LCS
Inject. Date: 12-Nov-2015 16:04:30 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034144-017
Operator ID: Instrument ID: CBNAMS6

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151112-34144.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 21:59:01 Calib Date: 11-Nov-2015 19:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK005

First Level Reviewer: bayoumiw Date: 12-Nov-2015 21:59:00

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.901	2.887	0.014	88	510239	10.0	3.67	
5 Benzaldehyde	77	3.689	3.680	0.009	85	1949294	20.0	15.2	
$ 6 Phenol-d5	99	3.831	3.825	0.006	69	464726	10.0	2.59	
* 14 1,4-Dichlorobenzene-d4	152	4.128	4.120	0.008	96	715415	8.00	8.00	
$ 28 Nitrobenzene-d5	82	4.692	4.698	-0.006	91	1379647	10.0	7.87	
* 38 Naphthalene-d8	136	5.415	5.410	0.005	97	2342560	8.00	8.00	
42 Caprolactam	113	5.833	5.833	0.000	83	189204	20.0	4.49	
$ 52 2-Fluorobiphenyl	172	6.505	6.505	0.000	96	1727133	10.0	6.18	
* 64 Acenaphthene-d10	164	7.167	7.164	0.003	88	1421613	8.00	8.00	
$ 80 2,4,6-Tribromophenol	330	7.953	7.954	-0.001	94	298482	10.0	5.71	
83 Atrazine	200	8.380	8.370	0.010	83	936344	20.0	14.4	
* 87 Phenanthrene-d10	188	8.627	8.624	0.003	99	2050183	8.00	8.00	
$ 96 Terphenyl-d14	244	10.197	10.194	0.002	98	1711712	10.0	9.37	
* 102 Chrysene-d12	240	11.337	11.329	0.008	99	1337102	8.00	8.00	
* 109 Perylene-d12	264	13.191	13.193	-0.002	98	1249064	8.00	8.00	

Reagents:

SM_ISTD_LVI_00095 Amount Added: 20.00 Units: uL Run Reagent

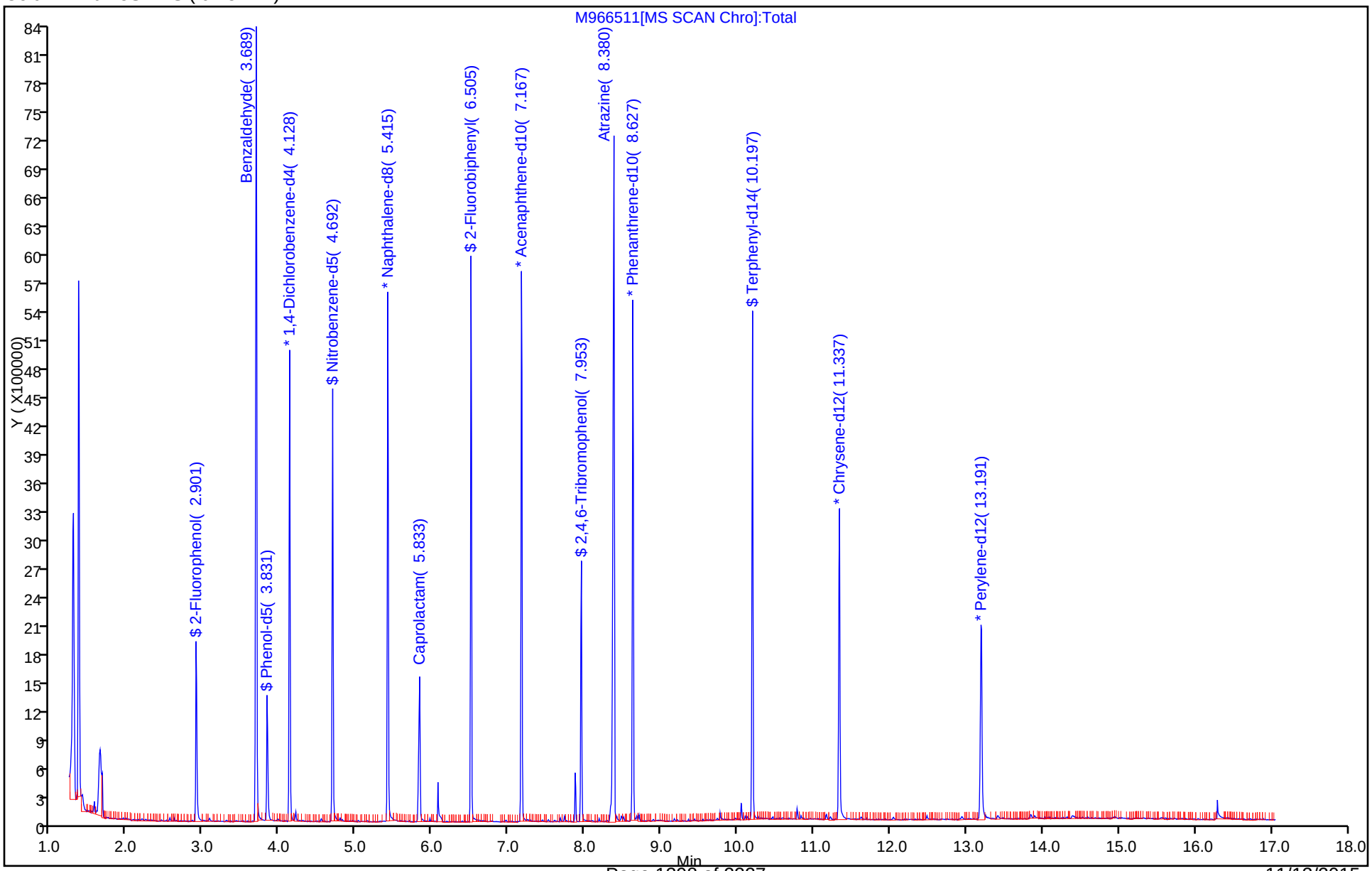
Report Date: 12-Nov-2015 21:59:02 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151112-34144.b\M966511.D

Injection Date:	12-Nov-2015 16:04:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	LCS 460-334367/4-A			Worklist Smp#:	17
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334425/2-A

Matrix: Solid | Lab File ID: x8397.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/11/2015 04:01

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	2480		330	11
95-57-8	2-Chlorophenol	2450		330	8.4
95-48-7	2-Methylphenol	2520		330	14
106-44-5	4-Methylphenol	2420		330	9.0
98-86-2	Acetophenone	2610		330	7.2
111-44-4	Bis(2-chloroethyl)ether	2600		33	7.8
108-60-1	2,2'-oxybis[1-chloropropane]	2460		330	14
621-64-7	N-Nitrosodi-n-propylamine	2710		33	11
98-95-3	Nitrobenzene	2450		33	10
67-72-1	Hexachloroethane	2370		33	12
78-59-1	Isophorone	2750		130	7.1
88-75-5	2-Nitrophenol	2550		330	11
105-67-9	2,4-Dimethylphenol	2460		330	73
120-83-2	2,4-Dichlorophenol	2420		130	7.8
111-91-1	Bis(2-chloroethoxy)methane	2570		330	10
91-20-3	Naphthalene	2500		330	8.4
106-47-8	4-Chloroaniline	1760		330	8.5
87-68-3	Hexachlorobutadiene	2520		67	9.3
59-50-7	4-Chloro-3-methylphenol	2560		330	14
91-57-6	2-Methylnaphthalene	2580		330	7.3
118-74-1	Hexachlorobenzene	2900		33	13
77-47-4	Hexachlorocyclopentadiene	2610		330	21
88-06-2	2,4,6-Trichlorophenol	2470		130	9.4
95-95-4	2,4,5-Trichlorophenol	2250		330	33
92-52-4	Diphenyl	2280		330	28
91-58-7	2-Chloronaphthalene	2240		330	7.5
88-74-4	2-Nitroaniline	1820		330	11
606-20-2	2,6-Dinitrotoluene	2490		67	18
131-11-3	Dimethyl phthalate	2420		330	9.6
208-96-8	Acenaphthylene	2360		330	8.5
99-09-2	3-Nitroaniline	1580		330	9.8
83-32-9	Acenaphthene	2340		330	8.0
100-02-7	4-Nitrophenol	4510		670	160
51-28-5	2,4-Dinitrophenol	4710		270	250

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334425/2-A

Matrix: Solid | Lab File ID: x8397.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/11/2015 04:01

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
132-64-9	Dibenzofuran	2340		330	10
84-66-2	Diethyl phthalate	2490		330	9.4
86-73-7	Fluorene	2350		330	7.2
206-44-0	Fluoranthene	2510		330	9.8
84-74-2	Di-n-butyl phthalate	2730		330	9.9
121-14-2	2,4-Dinitrotoluene	2630		67	13
7005-72-3	4-Chlorophenyl phenyl ether	2410		330	9.9
100-01-6	4-Nitroaniline	2070		330	13
534-52-1	4,6-Dinitro-2-methylphenol	5300		270	88
101-55-3	4-Bromophenyl phenyl ether	2830		330	10
120-12-7	Anthracene	2600		330	31
86-74-8	Carbazole	2520		330	8.2
85-01-8	Phenanthrene	2640		330	8.8
87-86-5	Pentachlorophenol	5240		270	40
129-00-0	Pyrene	2910		330	15
218-01-9	Chrysene	2680		330	9.0
207-08-9	Benzo[k]fluoranthene	2640		33	14
191-24-2	Benzo[g,h,i]perylene	2630		330	19
205-99-2	Benzo[b]fluoranthene	2790		33	13
50-32-8	Benzo[a]pyrene	2780		33	10
56-55-3	Benzo[a]anthracene	2570		33	28
86-30-6	N-Nitrosodiphenylamine	4470		330	30
85-68-7	Butyl benzyl phthalate	2800		330	10
117-81-7	Bis(2-ethylhexyl) phthalate	2820		330	13
117-84-0	Di-n-octyl phthalate	2940		330	17
193-39-5	Indeno[1,2,3-cd]pyrene	2750		33	22
53-70-3	Dibenz(a,h)anthracene	2740		33	17
91-94-1	3,3'-Dichlorobenzidine	1450		130	37
95-94-3	1,2,4,5-Tetrachlorobenzene	2280		330	25
58-90-2	2,3,4,6-Tetrachlorophenol	2450		330	31

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334425/2-A

Matrix: Solid | Lab File ID: x8397.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/11/2015 04:01

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	74		28-92
4165-62-2	Phenol-d5	73		22-88
1718-51-0	Terphenyl-d14	92		16-114
118-79-6	2,4,6-Tribromophenol	79		10-95
367-12-4	2-Fluorophenol	69		21-84
321-60-8	2-Fluorobiphenyl	68		27-84

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8397.D
Lims ID: LCS 460-334425/2-A
Client ID:
Sample Type: LCS
Inject. Date: 11-Nov-2015 04:01:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034083-005
Operator ID: Instrument ID: CBNAMS5

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 23:52:38 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: manlangitf Date: 11-Nov-2015 06:36:26

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.781	1.669	0.112	91	66786	50.0	20.9	
	2 N-Nitrosodimethylamine	74	1.999	1.899	0.100	90	154470	50.0	35.9	
	3 Pyridine	79	2.022	1.928	0.094	94	217653	50.0	28.6	
$	4 2-Fluorophenol	112	3.093	3.057	0.036	97	255612	50.0	34.6	
$	6 Phenol-d5	99	3.993	3.993	0.000	95	307000	50.0	36.7	
	7 Phenol	94	4.010	4.004	0.006	98	349838	50.0	37.3	
	8 Aniline	93	4.016	4.010	0.006	96	363333	50.0	34.2	
	9 Bis(2-chloroethyl)ether	93	4.081	4.075	0.006	98	261552	50.0	39.0	
	10 Benzonitrile	103	4.110	4.104	0.006	66	526955	NC	NC	
	11 2-Chlorophenol	128	4.140	4.140	0.000	98	284756	50.0	36.8	
	12 n-Decane	43	4.187	4.187	0.000	89	234836	50.0	29.6	
	13 1,3-Dichlorobenzene	146	4.287	4.287	0.000	97	306799	50.0	35.7	
*	14 1,4-Dichlorobenzene-d4	152	4.340	4.334	0.006	95	218265	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.357	4.357	0.000	96	315387	50.0	36.3	
	16 Benzyl alcohol	108	4.487	4.481	0.006	95	180829	50.0	40.9	
	17 1,2-Dichlorobenzene	146	4.510	4.510	0.000	97	296594	50.0	36.7	
	18 2-Methylphenol	108	4.604	4.604	0.000	91	242953	50.0	37.8	
	19 2,2'-oxybis[1-chloropropan	45	4.616	4.616	0.000	93	310596	50.0	36.9	
	20 N-Methylaniline	106	4.740	4.740	0.000	90	425290	NC	NC	
	21 Acetophenone	105	4.751	4.751	0.000	94	340001	50.0	39.2	
	22 N-Nitrosodi-n-propylamine	70	4.757	4.757	0.000	84	178633	50.0	40.7	
	24 4-Methylphenol	108	4.763	4.763	0.000	94	255258	50.0	36.3	
	23 3 & 4 Methylphenol	108	4.763	4.763	0.000	92	255258	50.0	36.3	
	25 Hexachloroethane	117	4.846	4.846	0.000	96	107401	50.0	35.5	
$	26 Nitrobenzene-d5	82	4.898	4.898	0.000	85	258857	50.0	36.8	
	28 Nitrobenzene	77	4.922	4.922	0.000	96	353295	50.0	36.8	
	27 n,n'-Dimethylaniline	120	4.922	4.922	0.000	91	451353	50.0	42.0	
	31 Isophorone	82	5.169	5.163	0.006	99	460235	50.0	41.3	
	32 2-Nitrophenol	139	5.240	5.234	0.006	97	151388	50.0	38.2	
	33 2,4-Dimethylphenol	122	5.293	5.293	0.000	94	236676	50.0	36.8	
	34 Bis(2-chloroethoxy)methane	93	5.375	5.375	0.000	99	278962	50.0	38.6	
	35 Benzoic acid	122	5.451	5.434	0.017	87	117546	50.0	38.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
36 2,4-Dichlorophenol	162	5.487	5.487	0.000	98	209454	50.0	36.3	
37 1,2,4-Trichlorobenzene	180	5.563	5.563	0.000	94	236980	50.0	37.9	
* 38 Naphthalene-d8	136	5.622	5.616	0.006	99	809723	40.0	40.0	
39 Naphthalene	128	5.640	5.640	0.000	100	789222	50.0	37.5	
40 4-Chloroaniline	127	5.698	5.698	0.000	98	224015	50.0	26.4	
41 Hexachlorobutadiene	225	5.769	5.769	0.000	97	129189	50.0	37.8	
43 4-Chloro-3-methylphenol	107	6.193	6.187	0.005	95	196448	50.0	38.4	
44 2-Methylnaphthalene	142	6.334	6.334	0.000	86	518115	50.0	38.7	
45 1-Methylnaphthalene	142	6.434	6.428	0.006	93	468237	50.0	40.6	
46 Hexachlorocyclopentadiene	237	6.498	6.498	0.000	97	145230	50.0	39.2	
47 1,2,4,5-Tetrachlorobenzene	216	6.504	6.504	0.000	97	214032	50.0	34.3	
48 2-tertbutyl-4-methylphenol	149	6.540	6.540	0.000	94	347361	50.0	41.3	
49 2,4,6-Trichlorophenol	196	6.622	6.616	0.006	91	145928	50.0	37.1	
50 2,4,5-Trichlorophenol	196	6.657	6.657	0.000	99	139687	50.0	33.7	
$ 51 2-Fluorobiphenyl	172	6.704	6.698	0.006	98	514917	50.0	33.9	
52 1,1'-Biphenyl	154	6.798	6.798	0.000	95	572901	50.0	34.2	
53 2-Chloronaphthalene	162	6.822	6.816	0.006	98	433150	50.0	33.6	
54 Phenyl ether	170	6.904	6.898	0.006	84	311263	50.0	35.1	
56 2-Nitroaniline	65	6.922	6.922	0.000	90	101044	50.0	27.3	
57 1,3-Dimethylnaphthalene	156	7.040	7.034	0.006	93	378440	50.0	35.9	
58 Dimethyl phthalate	163	7.116	7.110	0.006	99	426665	50.0	36.3	
59 Coumarin	146	7.134	7.128	0.006	84	146518	50.0	43.2	
60 2,6-Dinitrotoluene	165	7.169	7.163	0.006	94	101736	50.0	37.3	
61 Acenaphthylene	152	7.234	7.228	0.006	98	672291	50.0	35.5	
64 3-Nitroaniline	138	7.334	7.328	0.006	98	72727	50.0	23.6	
* 65 Acenaphthene-d10	164	7.369	7.363	0.006	92	377718	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.392	7.392	0.000	96	431324	50.0	38.0	
67 Acenaphthene	154	7.404	7.398	0.006	94	407768	50.0	35.1	
68 2,4-Dinitrophenol	184	7.439	7.434	0.005	94	104095	100.0	70.7	
69 4-Nitrophenol	65	7.516	7.510	0.006	94	122877	100.0	67.7	
70 2,4-Dinitrotoluene	165	7.563	7.557	0.006	98	122614	50.0	39.4	
71 Dibenzofuran	168	7.575	7.569	0.006	97	577091	50.0	35.1	
72 2,3,4,6-Tetrachlorophenol	232	7.698	7.698	0.000	95	103102	50.0	36.8	
73 Diethyl phthalate	149	7.804	7.804	0.000	99	383133	50.0	37.3	
74 4-Chlorophenyl phenyl ethe	204	7.910	7.904	0.006	91	217182	50.0	36.2	
75 Fluorene	166	7.910	7.910	0.000	97	450921	50.0	35.2	
76 4-Nitroaniline	138	7.939	7.939	0.000	90	82742	50.0	31.1	
77 4,6-Dinitro-2-methylphenol	198	7.975	7.969	0.006	93	126994	100.0	79.5	
78 N-Nitrosodiphenylamine	169	8.034	8.028	0.006	65	617165	100.0	67.0	
79 1,2-Diphenylhydrazine	77	8.069	8.063	0.006	95	395136	50.0	39.8	
$ 80 2,4,6-Tribromophenol	330	8.151	8.145	0.006	93	59003	50.0	39.3	
81 4-Bromophenyl phenyl ether	248	8.386	8.386	0.000	93	119450	50.0	42.5	
83 Hexachlorobenzene	284	8.457	8.457	0.000	96	125636	50.0	43.5	
85 Pentachlorophenol	266	8.651	8.651	0.000	95	122412	100.0	78.6	
86 Pentachloronitrobenzene	237	8.669	8.663	0.006	90	40193	50.0	42.0	
87 n-Octadecane	57	8.728	8.728	0.000	92	269597	50.0	40.8	
* 88 Phenanthrene-d10	188	8.834	8.828	0.006	98	458871	40.0	40.0	
89 Phenanthrene	178	8.857	8.851	0.006	97	531795	50.0	39.6	
90 Anthracene	178	8.904	8.904	0.000	98	523775	50.0	39.0	
91 Carbazole	167	9.063	9.063	0.000	95	423313	50.0	37.8	
92 Di-n-butyl phthalate	149	9.398	9.404	-0.006	100	505009	50.0	40.9	
93 Fluoranthene	202	10.022	10.022	0.000	98	414293	50.0	37.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
94 Benzidine	184	10.151	10.151	0.000	99	103768	50.0	18.5	
95 Pyrene	202	10.245	10.245	0.000	97	404458	50.0	43.6	
82 Bisphenol-A	213	10.292	10.292	0.000	99	57832	25.0	18.1	
$ 96 Terphenyl-d14	244	10.404	10.404	0.000	99	281348	50.0	46.0	
97 Butyl benzyl phthalate	149	10.927	10.927	0.000	97	139745	50.0	42.0	
99 Carbamazepine	193	11.051	11.051	0.000	93	85238	50.0	35.5	
100 3,3'-Dichlorobenzidine	252	11.551	11.551	0.000	100	45542	50.0	21.7	
101 Benzo[a]anthracene	228	11.586	11.580	0.006	98	260086	50.0	38.6	
* 102 Chrysene-d12	240	11.598	11.592	0.006	99	220572	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.622	11.622	0.000	89	189757	50.0	42.2	
103 Chrysene	228	11.627	11.627	0.000	99	243489	50.0	40.2	
105 Di-n-octyl phthalate	149	12.480	12.480	0.000	97	254680	50.0	44.1	
106 Benzo[b]fluoranthene	252	12.998	12.998	0.000	99	181929	50.0	41.8	
107 Benzo[k]fluoranthene	252	13.033	13.033	0.000	99	183912	50.0	39.6	
108 Benzo[a]pyrene	252	13.445	13.439	0.006	96	161177	50.0	41.7	
* 109 Perylene-d12	264	13.521	13.521	0.000	98	150368	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.045	15.045	0.000	99	137206	50.0	41.3	
111 Dibenz(a,h)anthracene	278	15.080	15.080	0.000	96	140732	50.0	41.1	
112 Benzo[g,h,i]perylene	276	15.468	15.468	0.000	97	135583	50.0	39.5	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 23:52:43 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8397.D

Injection Date: 11-Nov-2015 04:01:30 Instrument ID: CBNAMS5 Operator ID:

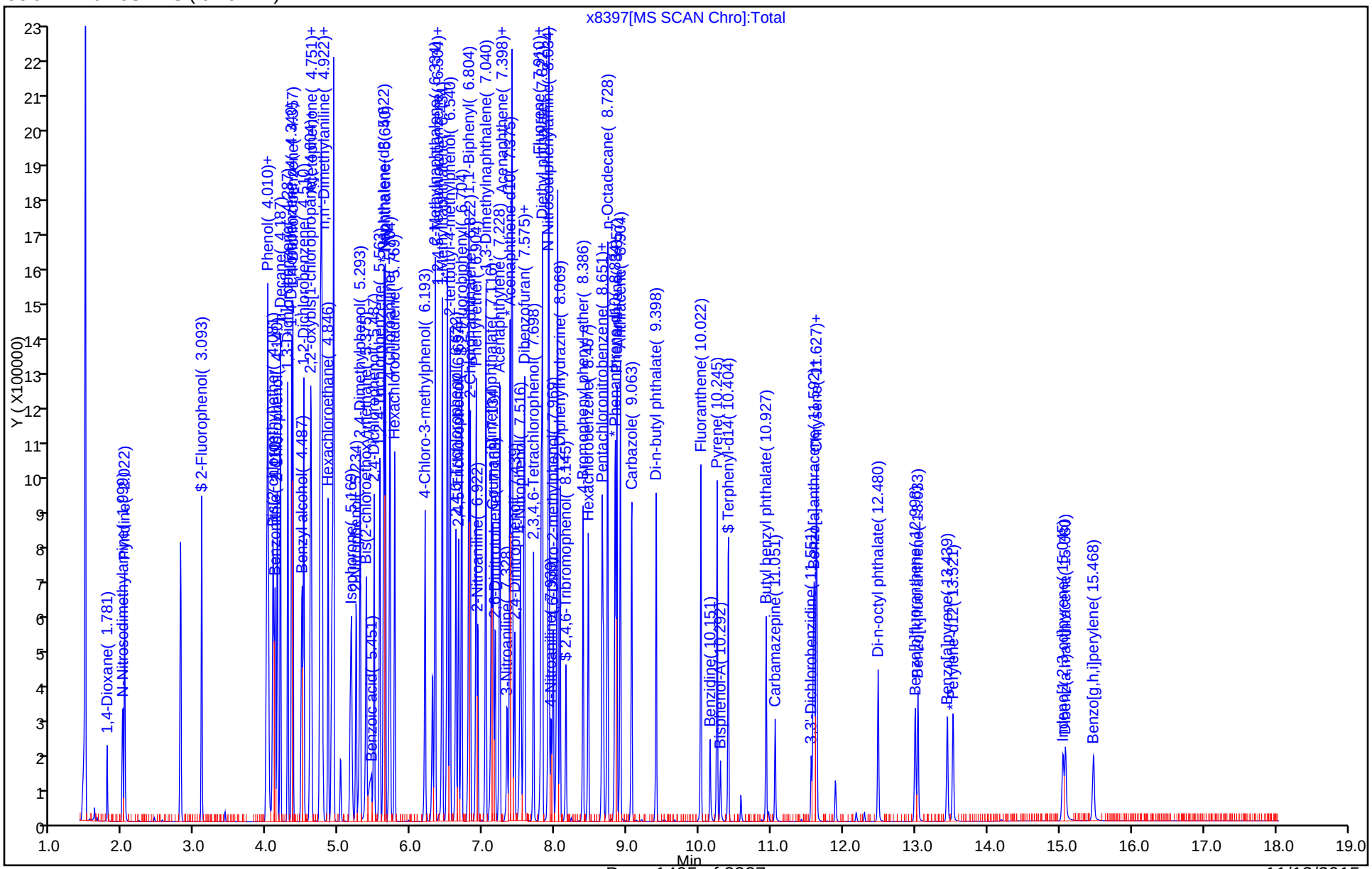
Lims ID: LCS 460-334425/2-A Worklist Smp#: 5

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270_5R Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334425/3-A

Matrix: Solid | Lab File ID: x8398.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/11/2015 04:25

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	4960		330	25
105-60-2	Caprolactam	6580		330	24
1912-24-9	Atrazine	6190		130	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	83		28-92
4165-62-2	Phenol-d5	79		22-88
1718-51-0	Terphenyl-d14	101		16-114
118-79-6	2,4,6-Tribromophenol	80		10-95
367-12-4	2-Fluorophenol	78		21-84
321-60-8	2-Fluorobiphenyl	72		27-84

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8398.D
Lims ID: LCS 460-334425/3-A
Client ID:
Sample Type: LCS
Inject. Date: 11-Nov-2015 04:25:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034083-006
Operator ID: Instrument ID: CBNAMS5

Method: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 23:52:38 Calib Date: 08-Nov-2015 21:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS5\20151108-33972.b\x8338.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK009

First Level Reviewer: manlangitf Date: 11-Nov-2015 06:35:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.087	3.057	0.030	97	249500	50.0	39.0	
5 Benzaldehyde	77	3.910	3.899	0.011	96	387444	100.0	74.5	
$ 6 Phenol-d5	99	3.975	3.993	-0.018	86	287367	50.0	39.6	
* 14 1,4-Dichlorobenzene-d4	152	4.340	4.334	0.006	95	189419	40.0	40.0	
$ 26 Nitrobenzene-d5	82	4.892	4.898	-0.006	85	263115	50.0	41.6	
* 38 Naphthalene-d8	136	5.616	5.616	0.000	99	729004	40.0	40.0	
42 Caprolactam	113	6.051	6.028	0.023	94	147224	100.0	98.6	
$ 51 2-Fluorobiphenyl	172	6.698	6.698	0.000	98	527741	50.0	35.9	
* 65 Acenaphthene-d10	164	7.363	7.363	0.000	92	365636	40.0	40.0	
$ 80 2,4,6-Tribromophenol	330	8.139	8.145	-0.006	93	58415	50.0	40.2	
84 Atrazine	200	8.563	8.551	0.012	96	221307	100.0	92.9	
* 88 Phenanthrene-d10	188	8.827	8.828	-0.001	98	486804	40.0	40.0	
$ 96 Terphenyl-d14	244	10.404	10.404	0.000	99	356190	50.0	50.5	
* 102 Chrysene-d12	240	11.592	11.592	0.000	99	254761	40.0	40.0	
* 109 Perylene-d12	264	13.521	13.521	0.000	98	162572	40.0	40.0	

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

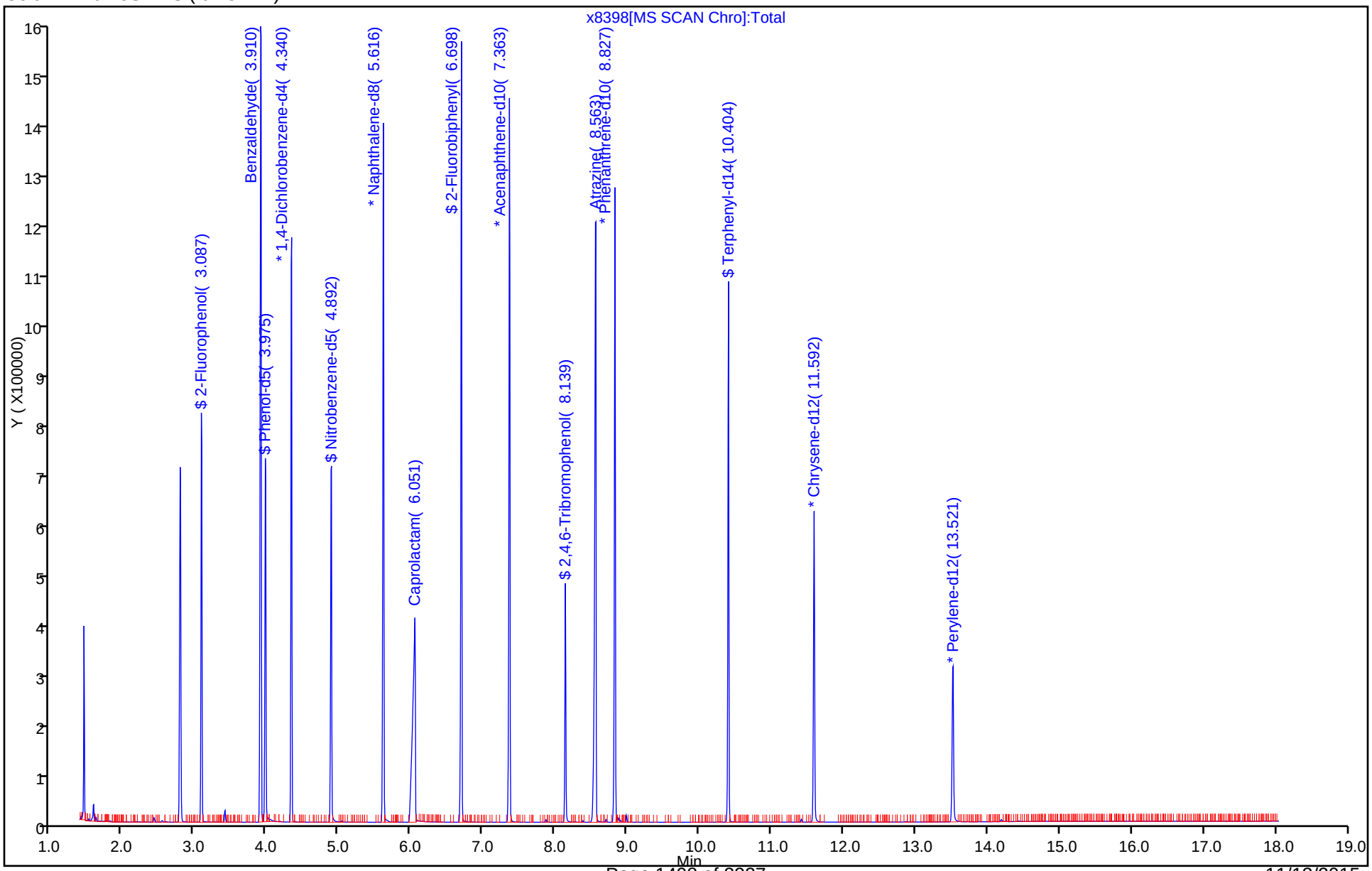
Report Date: 11-Nov-2015 23:52:47 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS5\20151111-34083.b\x8398.D

Injection Date:	11-Nov-2015 04:25:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	LCS 460-334425/3-A			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-334367/3-A

Matrix: Water | Lab File ID: M966510.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 11/10/2015 11:08

Sample wt/vol: 250(mL) | Date Analyzed: 11/12/2015 15:43

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334836 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	28.3		10	0.41
95-57-8	2-Chlorophenol	69.0		10	0.74
95-48-7	2-Methylphenol	54.4		10	1.3
106-44-5	4-Methylphenol	50.8		10	0.87
98-86-2	Acetophenone	69.9		10	1.0
111-44-4	Bis(2-chloroethyl)ether	62.9		1.0	0.12
108-60-1	2,2'-oxybis[1-chloropropane]	70.2		10	0.93
621-64-7	N-Nitrosodi-n-propylamine	66.1		1.0	0.83
98-95-3	Nitrobenzene	75.3		1.0	0.49
67-72-1	Hexachloroethane	57.1		1.0	0.090
78-59-1	Isophorone	76.3		10	0.67
88-75-5	2-Nitrophenol	81.7		10	0.59
105-67-9	2,4-Dimethylphenol	69.6		10	0.91
120-83-2	2,4-Dichlorophenol	80.1		10	0.63
111-91-1	Bis(2-chloroethoxy)methane	74.9		10	0.69
91-20-3	Naphthalene	64.7		10	0.80
106-47-8	4-Chloroaniline	67.7		10	0.73
87-68-3	Hexachlorobutadiene	59.3		1.0	0.76
59-50-7	4-Chloro-3-methylphenol	69.1		10	0.76
91-57-6	2-Methylnaphthalene	77.5		10	0.88
118-74-1	Hexachlorobenzene	72.3		1.0	0.47
77-47-4	Hexachlorocyclopentadiene	63.5		10	0.61
88-06-2	2,4,6-Trichlorophenol	69.3		10	0.53
95-95-4	2,4,5-Trichlorophenol	72.0		10	0.49
92-52-4	Diphenyl	65.7		10	0.63
91-58-7	2-Chloronaphthalene	66.3		10	0.61
88-74-4	2-Nitroaniline	74.4		10	0.65
606-20-2	2,6-Dinitrotoluene	74.1		2.0	0.88
131-11-3	Dimethyl phthalate	70.7		10	0.98
208-96-8	Acenaphthylene	69.9		10	0.65
99-09-2	3-Nitroaniline	72.2		10	0.82
83-32-9	Acenaphthene	71.7		10	0.88
100-02-7	4-Nitrophenol	48.2		20	4.7
51-28-5	2,4-Dinitrophenol	126		20	2.4

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-334367/3-A

Matrix: Water | Lab File ID: M966510.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 11/10/2015 11:08

Sample wt/vol: 250(mL) | Date Analyzed: 11/12/2015 15:43

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334836 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
132-64-9	Dibenzofuran	63.3		10	0.85
84-66-2	Diethyl phthalate	91.3		10	1.0
86-73-7	Fluorene	77.9		10	0.80
206-44-0	Fluoranthene	79.4		10	0.72
84-74-2	Di-n-butyl phthalate	85.2		10	0.82
121-14-2	2,4-Dinitrotoluene	70.6		2.0	1.0
7005-72-3	4-Chlorophenyl phenyl ether	67.7		10	0.96
100-01-6	4-Nitroaniline	80.3		10	0.48
534-52-1	4,6-Dinitro-2-methylphenol	157		20	2.0
101-55-3	4-Bromophenyl phenyl ether	78.2		10	1.0
120-12-7	Anthracene	77.3		10	0.57
86-74-8	Carbazole	78.9		10	0.85
85-01-8	Phenanthrene	74.8		10	0.65
87-86-5	Pentachlorophenol	137		20	2.2
129-00-0	Pyrene	74.7		10	0.83
218-01-9	Chrysene	85.4		2.0	0.67
207-08-9	Benzo[k]fluoranthene	72.9		1.0	0.18
191-24-2	Benzo[g,h,i]perylene	88.4		10	0.75
205-99-2	Benzo[b]fluoranthene	78.1		1.0	0.44
50-32-8	Benzo[a]pyrene	81.0		1.0	0.16
56-55-3	Benzo[a]anthracene	76.2		1.0	0.55
86-30-6	N-Nitrosodiphenylamine	110		10	0.74
85-68-7	Butyl benzyl phthalate	82.4		10	0.60
117-81-7	Bis(2-ethylhexyl) phthalate	77.7		2.0	0.72
117-84-0	Di-n-octyl phthalate	75.9		10	0.69
193-39-5	Indeno[1,2,3-cd]pyrene	85.9		1.0	0.21
53-70-3	Dibenz(a,h)anthracene	93.2		1.0	0.090
91-94-1	3,3'-Dichlorobenzidine	86.9		10	1.0
95-94-3	1,2,4,5-Tetrachlorobenzene	63.6		10	0.43
58-90-2	2,3,4,6-Tetrachlorophenol	71.0		10	0.69

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-334367/3-A

Matrix: Water | Lab File ID: M966510.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 11/10/2015 11:08

Sample wt/vol: 250(mL) | Date Analyzed: 11/12/2015 15:43

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334836 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	82		62-120
4165-62-2	Phenol-d5	27		10-53
1718-51-0	Terphenyl-d14	83		57-125
118-79-6	2,4,6-Tribromophenol	78		43-126
367-12-4	2-Fluorophenol	41		13-77
321-60-8	2-Fluorobiphenyl	65		63-113

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151112-34144.b\M966510.D
Lims ID: LCSD 460-334367/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 12-Nov-2015 15:43:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034144-016
Operator ID: Instrument ID: CBNAMS6

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151112-34144.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 21:58:08 Calib Date: 11-Nov-2015 19:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK005

First Level Reviewer: bayoumiw Date: 12-Nov-2015 21:58:08

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.550	1.517	0.033	97	266877	10.0	4.71	
2 N-Nitrosodimethylamine	74	1.764	1.733	0.031	82	571746	10.0	5.24	
3 Pyridine	79	1.787	1.755	0.032	82	733726	10.0	4.81	
$ 4 2-Fluorophenol	112	2.906	2.887	0.019	90	596589	10.0	4.14	
8 Aniline	93	3.808	3.803	0.005	97	1794021	10.0	7.42	
$ 6 Phenol-d5	99	3.838	3.825	0.013	21	494820	10.0	2.67	
7 Phenol	94	3.845	3.840	0.005	95	692349	10.0	3.53	
9 Bis(2-chloroethyl)ether	93	3.866	3.862	0.004	82	1411801	10.0	7.86	
10 Benzonitrile	103	3.881	3.877	0.004	84	2436868	NC	NC	
11 2-Chlorophenol	128	3.948	3.937	0.011	87	1127343	10.0	8.63	
12 n-Decane	43	3.977	3.975	0.002	80	1407797	10.0	8.78	
13 1,3-Dichlorobenzene	146	4.074	4.072	0.002	87	1059071	10.0	7.88	
* 14 1,4-Dichlorobenzene-d4	152	4.133	4.120	0.013	96	740700	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.148	4.140	0.008	86	1055939	10.0	8.22	
17 Benzyl alcohol	108	4.289	4.288	0.001	85	689122	10.0	7.28	
18 1,2-Dichlorobenzene	146	4.304	4.295	0.009	89	1019324	10.0	8.94	
20 2,2'-oxybis[1-chloropropan	45	4.416	4.414	0.002	89	2826762	10.0	8.78	
19 2-Methylphenol	108	4.446	4.436	0.010	79	899070	10.0	6.80	
23 N-Methylaniline	106	4.543	4.533	0.010	69	1704935	NC	NC	
24 Acetophenone	105	4.551	4.548	0.003	80	1610265	10.0	8.74	
25 N-Nitrosodi-n-propylamine	70	4.566	4.555	0.011	92	1111790	10.0	8.26	
26 3 & 4 Methylphenol	108	4.603	4.600	0.003	18	865599	10.0	6.31	
21 4-Methylphenol	108	4.603	4.600	0.003	90	857217	10.0	6.35	
27 Hexachloroethane	117	4.640	4.631	0.009	86	491182	10.0	7.14	
$ 28 Nitrobenzene-d5	82	4.700	4.698	0.002	93	1444035	10.0	8.20	
29 Nitrobenzene	77	4.722	4.713	0.009	84	1824215	10.0	9.41	
30 n,n'-Dimethylaniline	120	4.722	4.721	0.001	70	1350850	10.0	9.04	
31 Isophorone	82	4.966	4.965	0.001	95	3192474	10.0	9.53	
32 2-Nitrophenol	139	5.045	5.032	0.013	86	843335	10.0	10.2	
33 2,4-Dimethylphenol	122	5.128	5.122	0.006	84	937532	10.0	8.70	
34 Bis(2-chloroethoxy)methane	93	5.187	5.188	-0.001	90	1616151	10.0	9.36	
35 Benzoic acid	122	5.232	5.300	-0.068	27	62938	10.0	1.61	7

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
36 2,4-Dichlorophenol	162	5.314	5.308	0.006	90	1041004	10.0	10.0	
37 1,2,4-Trichlorobenzene	180	5.371	5.360	0.011	86	874733	10.0	7.90	
* 38 Naphthalene-d8	136	5.422	5.410	0.012	97	2353172	8.00	8.00	
39 Naphthalene	128	5.445	5.436	0.009	96	2482738	10.0	8.09	
40 4-Chloroaniline	127	5.512	5.511	0.001	89	1234558	10.0	8.46	
41 Hexachlorobutadiene	225	5.579	5.569	0.010	86	452542	10.0	7.42	
44 4-Chloro-3-methylphenol	107	6.043	6.040	0.003	92	993780	10.0	8.64	
45 2-Methylnaphthalene	142	6.140	6.130	0.010	80	1897187	10.0	9.69	
46 1-Methylnaphthalene	142	6.238	6.228	0.010	82	1691863	10.0	8.91	
47 Hexachlorocyclopentadiene	237	6.304	6.296	0.008	82	450803	10.0	7.93	
48 1,2,4,5-Tetrachlorobenzene	216	6.312	6.309	0.003	90	845673	10.0	7.95	
49 2-tertbutyl-4-methylphenol	149	6.371	6.369	0.002	85	1415969	10.0	9.86	
50 2,4,6-Trichlorophenol	196	6.446	6.437	0.009	82	652587	10.0	8.67	
51 2,4,5-Trichlorophenol	196	6.499	6.497	0.002	89	647325	10.0	9.01	
$ 52 2-Fluorobiphenyl	172	6.514	6.505	0.009	96	1592478	10.0	6.55	
53 1,1'-Biphenyl	154	6.611	6.603	0.008	98	2073772	10.0	8.21	
54 2-Chloronaphthalene	162	6.627	6.618	0.009	93	1606735	10.0	8.29	
55 Phenyl ether	170	6.716	6.708	0.008	86	1255410	10.0	9.10	
57 2-Nitroaniline	65	6.746	6.738	0.008	78	887789	10.0	9.29	
58 1,3-Dimethylnaphthalene	156	6.843	6.836	0.007	88	1446406	10.0	8.74	
59 Dimethyl phthalate	163	6.933	6.927	0.006	94	2000240	10.0	8.83	
60 Coumarin	146	6.941	6.934	0.007	72	733758	10.0	11.4	
61 2,6-Dinitrotoluene	165	6.986	6.979	0.007	35	586079	10.0	9.27	
62 Acenaphthylene	152	7.039	7.029	0.010	96	2744487	10.0	8.74	
63 3-Nitroaniline	138	7.159	7.149	0.010	92	635965	10.0	9.03	
* 64 Acenaphthene-d10	164	7.174	7.164	0.010	89	1237264	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.211	7.202	0.009	75	1218730	10.0	9.00	
66 Acenaphthene	154	7.211	7.202	0.009	86	1342425	10.0	8.97	
67 2,4-Dinitrophenol	184	7.262	7.254	0.008	77	574187	20.0	15.7	
70 2,4-Dinitrotoluene	165	7.381	7.375	0.006	68	653605	10.0	8.82	
71 Dibenzofuran	168	7.381	7.375	0.006	88	2160495	10.0	7.91	
69 4-Nitrophenol	65	7.404	7.390	0.014	1	338815	20.0	6.03	
72 2,3,4,6-Tetrachlorophenol	232	7.517	7.511	0.006	85	554073	10.0	8.88	
73 Diethyl phthalate	149	7.623	7.624	-0.001	95	2126946	10.0	11.4	
74 4-Chlorophenyl phenyl ethe	204	7.721	7.713	0.008	82	823169	10.0	8.47	
75 Fluorene	166	7.714	7.713	0.001	77	1643763	10.0	9.74	
76 4-Nitroaniline	138	7.773	7.773	0.000	69	596852	10.0	10.0	
77 4,6-Dinitro-2-methylphenol	198	7.796	7.788	0.008	81	816744	20.0	19.7	
78 N-Nitrosodiphenylamine	169	7.849	7.841	0.008	67	2487140	20.0	13.8	
79 1,2-Diphenylhydrazine	77	7.879	7.871	0.008	88	2509477	10.0	9.51	
$ 80 2,4,6-Tribromophenol	330	7.961	7.954	0.007	91	356830	10.0	7.84	
81 4-Bromophenyl phenyl ether	248	8.194	8.194	0.000	79	613825	10.0	9.77	
82 Hexachlorobenzene	284	8.261	8.254	0.007	94	678806	10.0	9.04	
85 Pentachloronitrobenzene	237	8.476	8.468	0.008	62	255535	10.0	10.2	
84 Pentachlorophenol	266	8.469	8.468	0.001	85	561035	20.0	17.1	
86 n-Octadecane	57	8.541	8.541	0.000	95	1598760	10.0	9.34	
* 87 Phenanthrene-d10	188	8.637	8.624	0.013	98	1925822	8.00	8.00	
88 Phenanthrene	178	8.659	8.654	0.005	98	2306062	10.0	9.35	
89 Anthracene	178	8.705	8.699	0.006	96	2405635	10.0	9.66	
90 Carbazole	167	8.876	8.871	0.005	84	2471381	10.0	9.87	
91 Di-n-butyl phthalate	149	9.215	9.208	0.007	98	3100964	10.0	10.6	
92 Fluoranthene	202	9.823	9.814	0.009	97	2491457	10.0	9.93	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Benzidine	184	9.957	9.950	0.007	99	891207	10.0	7.17	
94 Pyrene	202	10.039	10.033	0.006	96	2402185	10.0	9.33	
95 Bisphenol-A	213	10.105	10.105	0.000	0	438274	5.00	4.21	
$ 96 Terphenyl-d14	244	10.194	10.194	0.000	98	1542789	10.0	8.25	
97 Butyl benzyl phthalate	149	10.708	10.704	0.004	95	1362107	10.0	10.3	
99 Carbamazepine	193	10.836	10.824	0.012	83	914916	10.0	11.8	
100 3,3'-Dichlorobenzidine	252	11.315	11.308	0.007	98	821814	10.0	10.9	
101 Benzo[a]anthracene	228	11.329	11.322	0.007	99	1943263	10.0	9.52	
* 102 Chrysene-d12	240	11.343	11.329	0.014	99	1368193	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.378	11.371	0.007	89	1505983	10.0	9.71	
104 Chrysene	228	11.378	11.371	0.007	82	1851371	10.0	10.7	
105 Di-n-octyl phthalate	149	12.211	12.204	0.007	96	2697860	10.0	9.48	
106 Benzo[b]fluoranthene	252	12.699	12.686	0.013	98	1862605	10.0	9.76	
107 Benzo[k]fluoranthene	252	12.737	12.730	0.007	89	1855630	10.0	9.11	
108 Benzo[a]pyrene	252	13.128	13.117	0.011	95	1826739	10.0	10.1	
* 109 Perylene-d12	264	13.201	13.193	0.008	98	1349084	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.656	14.644	0.012	98	1745213	10.0	10.7	
111 Dibenz(a,h)anthracene	278	14.691	14.681	0.010	96	1814982	10.0	11.7	
112 Benzo[g,h,i]perylene	276	15.049	15.034	0.015	91	1816531	10.0	11.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

7 - Failed Limit of Detection

Reagents:

SM_ISTD_LVI_00095 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 12-Nov-2015 21:58:09 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151112-34144.b\M966510.D

Injection Date: 12-Nov-2015 15:43:30 Instrument ID: CBNAMS6 Operator ID:

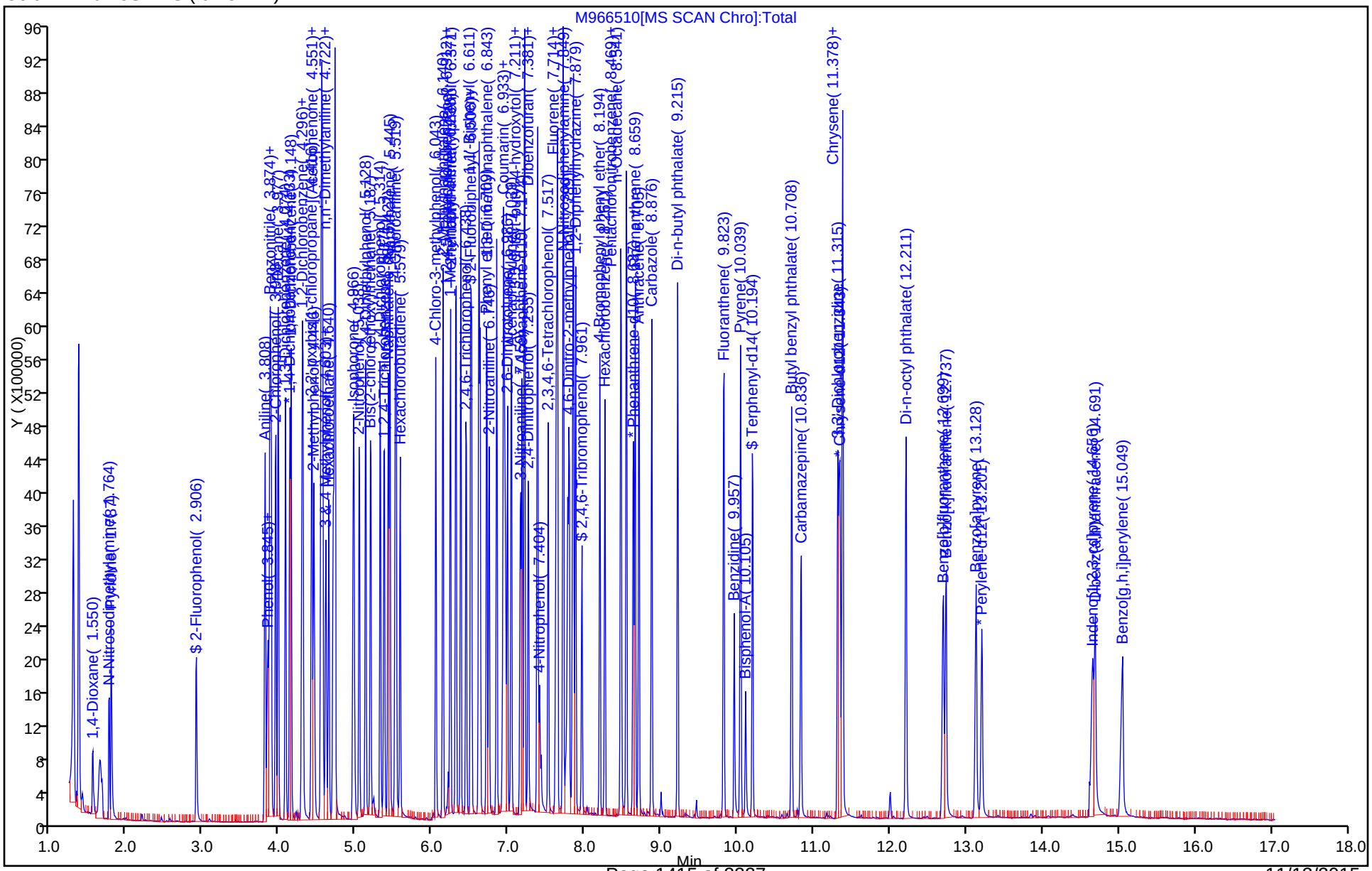
Lims ID: LCSD 460-334367/3-A Worklist Smp#: 16

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 16

Method: 8270LVI_R6 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-334367/5-A

Matrix: Water | Lab File ID: M966512.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 11/10/2015 11:08

Sample wt/vol: 250(mL) | Date Analyzed: 11/12/2015 16:26

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334836 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	120		10	0.86
105-60-2	Caprolactam	32.4		10	1.1
1912-24-9	Atrazine	118		2.0	0.77

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	87		62-120
4165-62-2	Phenol-d5	29		10-53
1718-51-0	Terphenyl-d14	92		57-125
118-79-6	2,4,6-Tribromophenol	70		43-126
367-12-4	2-Fluorophenol	41		13-77
321-60-8	2-Fluorobiphenyl	71		63-113

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151112-34144.b\M966512.D
Lims ID: LCSD 460-334367/5-A
Client ID:
Sample Type: LCSD
Inject. Date: 12-Nov-2015 16:26:30 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034144-018
Operator ID: Instrument ID: CBNAMS6

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151112-34144.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 22:00:06 Calib Date: 11-Nov-2015 19:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK005

First Level Reviewer: bayoumiw Date: 12-Nov-2015 22:00:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.904	2.887	0.017	88	620467	10.0	4.11	
5 Benzaldehyde	77	3.692	3.680	0.012	86	2076931	20.0	15.0	
$ 6 Phenol-d5	99	3.833	3.825	0.008	71	563988	10.0	2.90	
* 14 1,4-Dichlorobenzene-d4	152	4.130	4.120	0.010	96	775432	8.00	8.00	
$ 28 Nitrobenzene-d5	82	4.689	4.698	-0.009	92	1537130	10.0	8.66	
* 38 Naphthalene-d8	136	5.419	5.410	0.009	98	2372544	8.00	8.00	
42 Caprolactam	113	5.833	5.833	0.000	85	173083	20.0	4.05	
$ 52 2-Fluorobiphenyl	172	6.510	6.505	0.005	96	1871336	10.0	7.07	
* 64 Acenaphthene-d10	164	7.166	7.164	0.002	86	1345837	8.00	8.00	
$ 80 2,4,6-Tribromophenol	330	7.952	7.954	-0.002	94	344477	10.0	6.96	
83 Atrazine	200	8.377	8.370	0.007	83	978460	20.0	14.8	
* 87 Phenanthrene-d10	188	8.632	8.624	0.008	98	2082187	8.00	8.00	
$ 96 Terphenyl-d14	244	10.198	10.194	0.004	98	1799314	10.0	9.19	
* 102 Chrysene-d12	240	11.337	11.329	0.008	99	1433030	8.00	8.00	
* 109 Perylene-d12	264	13.199	13.193	0.006	99	1280726	8.00	8.00	

Reagents:

SM_ISTD_LVI_00095 Amount Added: 20.00 Units: uL Run Reagent

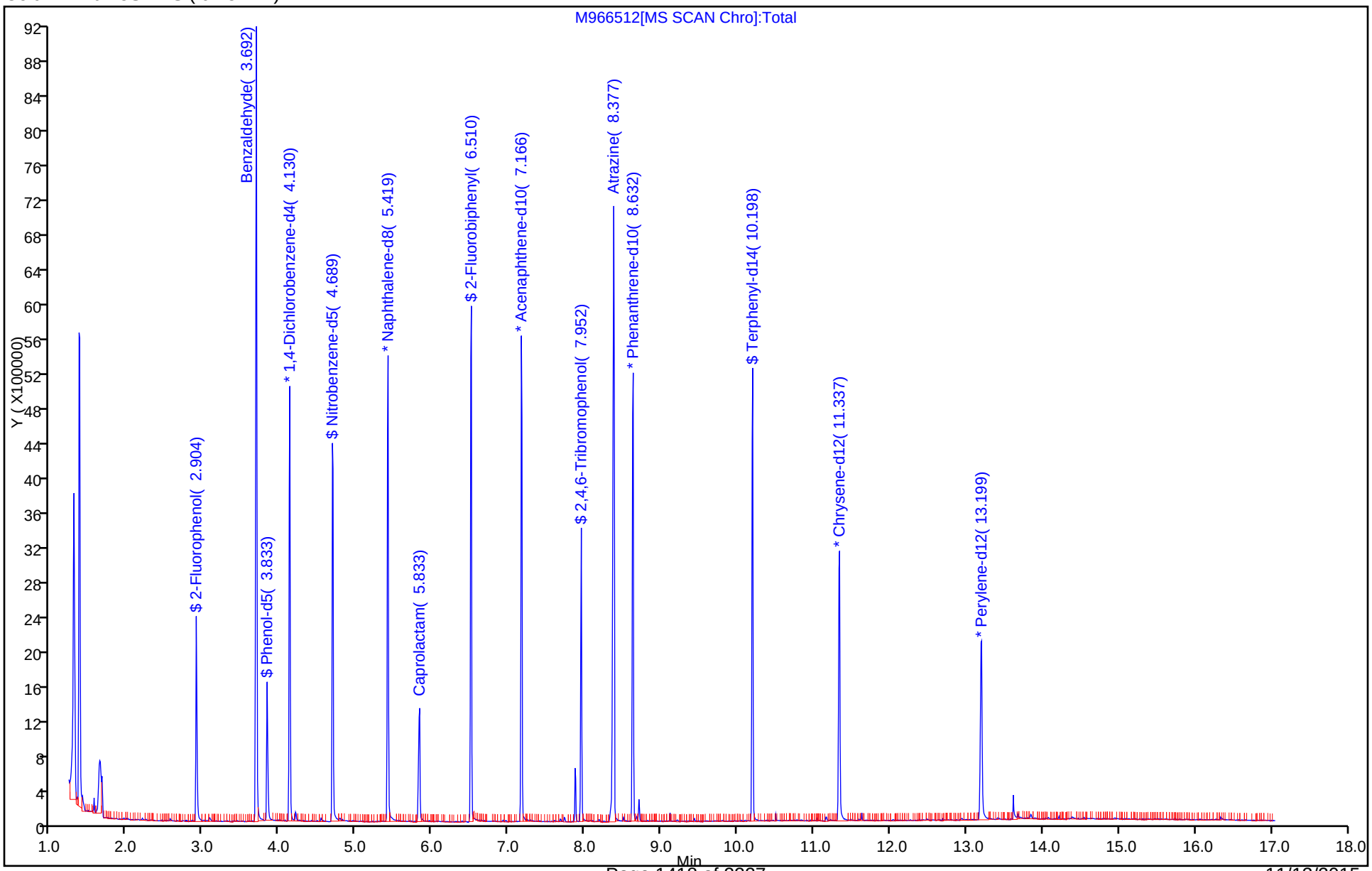
Report Date: 12-Nov-2015 22:00:09 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151112-34144.b\M966512.D

Injection Date:	12-Nov-2015 16:26:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	LCSD 460-334367/5-A			Worklist Smp#:	18
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18-NE MS | Lab Sample ID: 460-104194-9 MS

Matrix: Solid | Lab File ID: x8399.D

Analysis Method: 8270D | Date Collected: 11/06/2015 10:00

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0041(g) | Date Analyzed: 11/11/2015 04:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	1940		350	11
95-57-8	2-Chlorophenol	1880		350	8.9
95-48-7	2-Methylphenol	1960		350	15
106-44-5	4-Methylphenol	2030		350	9.5
100-52-7	Benzaldehyde	3420		350	27
98-86-2	Acetophenone	2110		350	7.6
111-44-4	Bis(2-chloroethyl)ether	2030		35	8.3
108-60-1	2,2'-oxybis[1-chloropropane]	1970		350	14
621-64-7	N-Nitrosodi-n-propylamine	2180		35	12
98-95-3	Nitrobenzene	1920		35	11
67-72-1	Hexachloroethane	1910		35	13
78-59-1	Isophorone	2240		140	7.5
88-75-5	2-Nitrophenol	1590		350	12
105-67-9	2,4-Dimethylphenol	1920		350	77
120-83-2	2,4-Dichlorophenol	1790		140	8.3
111-91-1	Bis(2-chloroethoxy)methane	2080		350	11
91-20-3	Naphthalene	2000		350	8.9
106-47-8	4-Chloroaniline	1400		350	9.0
87-68-3	Hexachlorobutadiene	2000		71	9.9
105-60-2	Caprolactam	2870		350	25
59-50-7	4-Chloro-3-methylphenol	2010		350	15
91-57-6	2-Methylnaphthalene	2110		350	7.7
118-74-1	Hexachlorobenzene	2280		35	14
77-47-4	Hexachlorocyclopentadiene	2040		350	22
88-06-2	2,4,6-Trichlorophenol	1570		140	10
95-95-4	2,4,5-Trichlorophenol	1390		350	35
92-52-4	Diphenyl	1850		350	30
91-58-7	2-Chloronaphthalene	1810		350	7.9
88-74-4	2-Nitroaniline	1870		350	12
606-20-2	2,6-Dinitrotoluene	2030		71	19
131-11-3	Dimethyl phthalate	1950		350	10
208-96-8	Acenaphthylene	1930		350	9.0
99-09-2	3-Nitroaniline	1610		350	10
83-32-9	Acenaphthene	1900		350	8.5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18-NE MS | Lab Sample ID: 460-104194-9 MS

Matrix: Solid | Lab File ID: x8399.D

Analysis Method: 8270D | Date Collected: 11/06/2015 10:00

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0041(g) | Date Analyzed: 11/11/2015 04:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	2730		710	170
51-28-5	2,4-Dinitrophenol	327		280	260
132-64-9	Dibenzofuran	1890		350	11
84-66-2	Diethyl phthalate	2000		350	10
86-73-7	Fluorene	1930		350	7.6
206-44-0	Fluoranthene	2050		350	10
84-74-2	Di-n-butyl phthalate	2140		350	10
121-14-2	2,4-Dinitrotoluene	2080		71	14
7005-72-3	4-Chlorophenyl phenyl ether	1960		350	10
100-01-6	4-Nitroaniline	1760		350	13
534-52-1	4,6-Dinitro-2-methylphenol	665		280	93
101-55-3	4-Bromophenyl phenyl ether	2260		350	11
1912-24-9	Atrazine	4370		140	16
120-12-7	Anthracene	2110		350	33
86-74-8	Carbazole	2030		350	8.7
85-01-8	Phenanthrene	2100		350	9.3
87-86-5	Pentachlorophenol	1270		280	42
129-00-0	Pyrene	2360		350	16
218-01-9	Chrysene	2200		350	9.5
207-08-9	Benzo[k]fluoranthene	2240		35	15
191-24-2	Benzo[g,h,i]perylene	2140		350	20
205-99-2	Benzo[b]fluoranthene	2310		35	14
50-32-8	Benzo[a]pyrene	2310		35	11
56-55-3	Benzo[a]anthracene	2110		35	29
86-30-6	N-Nitrosodiphenylamine	3540		350	32
85-68-7	Butyl benzyl phthalate	2220		350	11
117-81-7	Bis(2-ethylhexyl) phthalate	2250		350	14
117-84-0	Di-n-octyl phthalate	2400		350	18
193-39-5	Indeno[1,2,3-cd]pyrene	2210		35	23
53-70-3	Dibenz(a,h)anthracene	2170		35	18
91-94-1	3,3'-Dichlorobenzidine	1600		140	39
95-94-3	1,2,4,5-Tetrachlorobenzene	1840		350	26
58-90-2	2,3,4,6-Tetrachlorophenol	1170		350	33

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18-NE MS | Lab Sample ID: 460-104194-9 MS

Matrix: Solid | Lab File ID: x8399.D

Analysis Method: 8270D | Date Collected: 11/06/2015 10:00

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0041(g) | Date Analyzed: 11/11/2015 04:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	56		28-92
4165-62-2	Phenol-d5	56		22-88
1718-51-0	Terphenyl-d14	72		16-114
118-79-6	2,4,6-Tribromophenol	53		10-95
367-12-4	2-Fluorophenol	52		21-84
321-60-8	2-Fluorobiphenyl	53		27-84

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18-NE MSD | Lab Sample ID: 460-104194-9 MSD

Matrix: Solid | Lab File ID: x8400.D

Analysis Method: 8270D | Date Collected: 11/06/2015 10:00

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0124(g) | Date Analyzed: 11/11/2015 05:13

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	1890		350	11
95-57-8	2-Chlorophenol	1850		350	8.9
95-48-7	2-Methylphenol	1940		350	15
106-44-5	4-Methylphenol	1990		350	9.5
100-52-7	Benzaldehyde	3290		350	27
98-86-2	Acetophenone	2050		350	7.6
111-44-4	Bis(2-chloroethyl)ether	1970		35	8.3
108-60-1	2,2'-oxybis[1-chloropropane]	1920		350	14
621-64-7	N-Nitrosodi-n-propylamine	2120		35	12
98-95-3	Nitrobenzene	1930		35	11
67-72-1	Hexachloroethane	1880		35	13
78-59-1	Isophorone	2220		140	7.5
88-75-5	2-Nitrophenol	1680		350	12
105-67-9	2,4-Dimethylphenol	1890		350	77
120-83-2	2,4-Dichlorophenol	1810		140	8.3
111-91-1	Bis(2-chloroethoxy)methane	2060		350	11
91-20-3	Naphthalene	2000		350	8.9
106-47-8	4-Chloroaniline	1460		350	9.0
87-68-3	Hexachlorobutadiene	2020		71	9.9
105-60-2	Caprolactam	3230		350	25
59-50-7	4-Chloro-3-methylphenol	1980		350	15
91-57-6	2-Methylnaphthalene	2100		350	7.7
118-74-1	Hexachlorobenzene	2280		35	14
77-47-4	Hexachlorocyclopentadiene	2010		350	22
88-06-2	2,4,6-Trichlorophenol	1570		140	10
95-95-4	2,4,5-Trichlorophenol	1400		350	35
92-52-4	Diphenyl	1820		350	30
91-58-7	2-Chloronaphthalene	1800		350	7.9
88-74-4	2-Nitroaniline	1820		350	12
606-20-2	2,6-Dinitrotoluene	1980		71	19
131-11-3	Dimethyl phthalate	1940		350	10
208-96-8	Acenaphthylene	1890		350	9.0
99-09-2	3-Nitroaniline	1630		350	10
83-32-9	Acenaphthene	1870		350	8.5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18-NE MSD | Lab Sample ID: 460-104194-9 MSD

Matrix: Solid | Lab File ID: x8400.D

Analysis Method: 8270D | Date Collected: 11/06/2015 10:00

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0124(g) | Date Analyzed: 11/11/2015 05:13

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	2690		710	170
51-28-5	2,4-Dinitrophenol	300		280	260
132-64-9	Dibenzofuran	1870		350	11
84-66-2	Diethyl phthalate	1960		350	10
86-73-7	Fluorene	1920		350	7.6
206-44-0	Fluoranthene	2020		350	10
84-74-2	Di-n-butyl phthalate	2110		350	10
121-14-2	2,4-Dinitrotoluene	2010		71	14
7005-72-3	4-Chlorophenyl phenyl ether	1960		350	10
100-01-6	4-Nitroaniline	1700		350	13
534-52-1	4,6-Dinitro-2-methylphenol	518		280	93
101-55-3	4-Bromophenyl phenyl ether	2240		350	11
1912-24-9	Atrazine	4430		140	16
120-12-7	Anthracene	2120		350	33
86-74-8	Carbazole	2020		350	8.7
85-01-8	Phenanthrene	2120		350	9.3
87-86-5	Pentachlorophenol	1230		280	42
129-00-0	Pyrene	2310		350	16
218-01-9	Chrysene	2120		350	9.5
207-08-9	Benzo[k]fluoranthene	2170		35	15
191-24-2	Benzo[g,h,i]perylene	2100		350	20
205-99-2	Benzo[b]fluoranthene	2240		35	14
50-32-8	Benzo[a]pyrene	2230		35	11
56-55-3	Benzo[a]anthracene	2050		35	29
86-30-6	N-Nitrosodiphenylamine	3580		350	32
85-68-7	Butyl benzyl phthalate	2140		350	11
117-81-7	Bis(2-ethylhexyl) phthalate	2180		350	14
117-84-0	Di-n-octyl phthalate	2300		350	18
193-39-5	Indeno[1,2,3-cd]pyrene	2170		35	23
53-70-3	Dibenz(a,h)anthracene	2150		35	18
91-94-1	3,3'-Dichlorobenzidine	1600		140	39
95-94-3	1,2,4,5-Tetrachlorobenzene	1810		350	26
58-90-2	2,3,4,6-Tetrachlorophenol	1190		350	33

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18-NE MSD | Lab Sample ID: 460-104194-9 MSD

Matrix: Solid | Lab File ID: x8400.D

Analysis Method: 8270D | Date Collected: 11/06/2015 10:00

Extract. Method: 3546 | Date Extracted: 11/10/2015 14:09

Sample wt/vol: 15.0124(g) | Date Analyzed: 11/11/2015 05:13

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334538 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	56		28-92
4165-62-2	Phenol-d5	54		22-88
1718-51-0	Terphenyl-d14	68		16-114
118-79-6	2,4,6-Tribromophenol	49		10-95
367-12-4	2-Fluorophenol	50		21-84
321-60-8	2-Fluorobiphenyl	51		27-84

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Instrument ID: CBNAMS11 Start Date: 11/02/2015 14:57

Analysis Batch Number: 332733 End Date: 11/02/2015 21:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-332733/1		11/02/2015 14:57	1	z38184.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-332733/2		11/02/2015 15:12	1	z38185.D	Rtxi-5Sil MS 0.25(mm)
STD120 460-332733/3 IC		11/02/2015 15:43	1	z38186.D	Rtxi-5Sil MS 0.25(mm)
STD80 460-332733/4 IC		11/02/2015 16:06	1	z38187.D	Rtxi-5Sil MS 0.25(mm)
STD20 460-332733/5 IC		11/02/2015 16:29	1	z38188.D	Rtxi-5Sil MS 0.25(mm)
STD10 460-332733/6 IC		11/02/2015 16:53	1	z38189.D	Rtxi-5Sil MS 0.25(mm)
STD5 460-332733/7 IC		11/02/2015 17:16	1	z38190.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-332733/8 IC		11/02/2015 17:40	1	z38191.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-332733/9 IC		11/02/2015 18:03	1	z38192.D	Rtxi-5Sil MS 0.25(mm)
STD05 460-332733/10 IC		11/02/2015 18:27	1	z38193.D	Rtxi-5Sil MS 0.25(mm)
STD50 460-332733/11 IC		11/02/2015 18:50	1	z38194.D	Rtxi-5Sil MS 0.25(mm)
STD120 460-332733/12 IC		11/02/2015 19:14	1	z38195.D	Rtxi-5Sil MS 0.25(mm)
STD080 460-332733/13 IC		11/02/2015 19:37	1	z38196.D	Rtxi-5Sil MS 0.25(mm)
STD020 460-332733/14 IC		11/02/2015 20:00	1	z38197.D	Rtxi-5Sil MS 0.25(mm)
STD010 460-332733/15 IC		11/02/2015 20:24	1	z38198.D	Rtxi-5Sil MS 0.25(mm)
STD5 460-332733/16 IC		11/02/2015 20:48	1	z38199.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-332733/17 IC		11/02/2015 21:11	1	z38200.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-332733/18		11/02/2015 21:35	1		Rtxi-5Sil MS 0.25(mm)
ICV 460-332733/19		11/02/2015 21:58	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Instrument ID: CBNAMS11 Start Date: 11/11/2015 02:23

Analysis Batch Number: 334543 End Date: 11/11/2015 12:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-334543/1		11/11/2015 02:23	1	z38471.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-334543/2		11/11/2015 02:38	1	z38472.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-334543/3		11/11/2015 03:04	1	z38473.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/11/2015 03:51	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/11/2015 04:15	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/11/2015 04:38	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/11/2015 05:02	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/11/2015 05:26	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/11/2015 05:50	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/11/2015 06:13	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/11/2015 06:36	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/11/2015 07:00	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/11/2015 07:23	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/11/2015 07:47	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/11/2015 08:11	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/11/2015 08:34	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/11/2015 08:58	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/11/2015 09:21	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/11/2015 09:44	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/11/2015 10:55	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/11/2015 11:19	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/11/2015 12:06	1		Rtxi-5Sil MS 0.25(mm)
460-104194-2	PRA-25S-3.75	11/11/2015 12:52	1	z38498.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Instrument ID: CBNAMS12 Start Date: 10/19/2015 14:04

Analysis Batch Number: 329806 End Date: 10/19/2015 21:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-329806/1		10/19/2015 14:04	1	L127022.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-329806/2		10/19/2015 14:24	1	L127023.D	Rtxi-5Sil MS 0.25(mm)
STD120 460-329806/3 IC		10/19/2015 14:49	1	L127024.D	Rtxi-5Sil MS 0.25(mm)
STD80 460-329806/4 IC		10/19/2015 15:14	1	L127025.D	Rtxi-5Sil MS 0.25(mm)
STD20 460-329806/5 IC		10/19/2015 15:39	1	L127026.D	Rtxi-5Sil MS 0.25(mm)
STD10 460-329806/6 IC		10/19/2015 16:04	1	L127027.D	Rtxi-5Sil MS 0.25(mm)
STD5 460-329806/7 IC		10/19/2015 16:29	1	L127028.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-329806/8 IC		10/19/2015 16:54	1	L127029.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-329806/9 IC		10/19/2015 17:20	1	L127030.D	Rtxi-5Sil MS 0.25(mm)
STD05 460-329806/10 IC		10/19/2015 17:45	1	L127031.D	Rtxi-5Sil MS 0.25(mm)
STD50 460-329806/11 IC		10/19/2015 18:10	1	L127032.D	Rtxi-5Sil MS 0.25(mm)
STD120 460-329806/12 IC		10/19/2015 18:35	1	L127033.D	Rtxi-5Sil MS 0.25(mm)
STD080 460-329806/13 IC		10/19/2015 19:00	1	L127034.D	Rtxi-5Sil MS 0.25(mm)
STD020 460-329806/14 IC		10/19/2015 19:25	1	L127035.D	Rtxi-5Sil MS 0.25(mm)
STD010 460-329806/15 IC		10/19/2015 19:51	1	L127036.D	Rtxi-5Sil MS 0.25(mm)
STD5 460-329806/16 IC		10/19/2015 20:16	1	L127037.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-329806/17 IC		10/19/2015 20:41	1	L127038.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-329806/18		10/19/2015 21:06	1		Rtxi-5Sil MS 0.25(mm)
ICV 460-329806/19		10/19/2015 21:31	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Instrument ID: CBNAMS12 Start Date: 11/12/2015 15:31

Analysis Batch Number: 335005 End Date: 11/12/2015 18:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-335005/1		11/12/2015 15:31	1	L127922.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-335005/2		11/12/2015 15:50	1	L127923.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-335005/3		11/12/2015 16:16	1	L127924.D	Rtxi-5Sil MS 0.25(mm)
460-104194-9	PRA-18-NE	11/12/2015 18:27	1	L127929.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Instrument ID: CBNAMS5 Start Date: 11/08/2015 14:09

Analysis Batch Number: 333983 End Date: 11/08/2015 21:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-333983/1		11/08/2015 14:09	1	x8322.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-333983/2		11/08/2015 14:39	1	x8323.D	Rtxi-5Sil MS 0.25(mm)
STD120 460-333983/3 IC		11/08/2015 15:27	1	x8324.D	Rtxi-5Sil MS 0.25(mm)
STD80 460-333983/4 IC		11/08/2015 15:51	1	x8325.D	Rtxi-5Sil MS 0.25(mm)
STD20 460-333983/5 IC		11/08/2015 16:16	1	x8326.D	Rtxi-5Sil MS 0.25(mm)
STD10 460-333983/6 IC		11/08/2015 16:40	1	x8327.D	Rtxi-5Sil MS 0.25(mm)
STD5 460-333983/7 IC		11/08/2015 17:04	1	x8328.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-333983/8 IC		11/08/2015 17:28	1	x8329.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-333983/9 IC		11/08/2015 17:52	1	x8330.D	Rtxi-5Sil MS 0.25(mm)
STD05 460-333983/10 IC		11/08/2015 18:16	1	x8331.D	Rtxi-5Sil MS 0.25(mm)
STD50 460-333983/11 IC		11/08/2015 18:40	1	x8332.D	Rtxi-5Sil MS 0.25(mm)
STD120 460-333983/12 IC		11/08/2015 19:04	1	x8333.D	Rtxi-5Sil MS 0.25(mm)
STD080 460-333983/13 IC		11/08/2015 19:28	1	x8334.D	Rtxi-5Sil MS 0.25(mm)
STD020 460-333983/14 IC		11/08/2015 19:52	1	x8335.D	Rtxi-5Sil MS 0.25(mm)
STD010 460-333983/15 IC		11/08/2015 20:17	1	x8336.D	Rtxi-5Sil MS 0.25(mm)
STD5 460-333983/16 IC		11/08/2015 20:41	1	x8337.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-333983/17 IC		11/08/2015 21:05	1	x8338.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-333983/18		11/08/2015 21:29	1		Rtxi-5Sil MS 0.25(mm)
ICV 460-333983/19		11/08/2015 21:53	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Instrument ID: CBNAMS5 Start Date: 11/11/2015 02:22

Analysis Batch Number: 334538 End Date: 11/11/2015 14:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-334538/1		11/11/2015 02:22	1	x8393.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-334538/2		11/11/2015 02:40	1	x8394.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-334538/3		11/11/2015 03:08	1	x8395.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-334425/2-A		11/11/2015 04:01	1	x8397.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-334425/3-A		11/11/2015 04:25	1	x8398.D	Rtxi-5Sil MS 0.25(mm)
460-104194-9 MS	PRA-18-NE MS	11/11/2015 04:49	1	x8399.D	Rtxi-5Sil MS 0.25(mm)
460-104194-9 MSD	PRA-18-NE MSD	11/11/2015 05:13	1	x8400.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/11/2015 05:37	1		Rtxi-5Sil MS 0.25(mm)
MB 460-334425/1-A		11/11/2015 06:01	1	x8402.D	Rtxi-5Sil MS 0.25(mm)
460-104194-1	PRA-25S_1.75	11/11/2015 06:26	1	x8403.D	Rtxi-5Sil MS 0.25(mm)
460-104194-3	PRA-25S 8.25	11/11/2015 07:14	1	x8405.D	Rtxi-5Sil MS 0.25(mm)
460-104194-4	PRA-25S 11.25	11/11/2015 07:38	1	x8406.D	Rtxi-5Sil MS 0.25(mm)
460-104194-6	PRA-18 S	11/11/2015 08:02	1	x8407.D	Rtxi-5Sil MS 0.25(mm)
460-104194-7	PRA-10 W	11/11/2015 08:27	1	x8408.D	Rtxi-5Sil MS 0.25(mm)
460-104194-8	PRA-18-SE	11/11/2015 08:51	1	x8409.D	Rtxi-5Sil MS 0.25(mm)
460-104194-20	DUP-2015_11_06_01	11/11/2015 09:14	1	x8410.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/11/2015 09:39	1		Rtxi-5Sil MS 0.25(mm)
460-104194-10	PRA-20-N	11/11/2015 10:02	1	x8412.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/11/2015 10:27	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/11/2015 10:51	1		Rtxi-5Sil MS 0.25(mm)
460-104194-5	PRA-23 NW	11/11/2015 11:15	1	x8415.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/11/2015 12:03	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/11/2015 13:15	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/11/2015 14:17	10		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Instrument ID: CBNAMS6 Start Date: 10/29/2015 16:23

Analysis Batch Number: 332084 End Date: 10/30/2015 04:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-332084/1		10/29/2015 16:23	1	M965828.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-332084/2		10/29/2015 17:39	1		Rtxi-5Sil MS 0.25(mm)
STD24 460-332084/3 IC		10/29/2015 18:01	1		Rtxi-5Sil MS 0.25(mm)
STD16 460-332084/4 IC		10/29/2015 18:22	1		Rtxi-5Sil MS 0.25(mm)
STD4 460-332084/5 IC		10/29/2015 18:43	1		Rtxi-5Sil MS 0.25(mm)
STD2 460-332084/6 IC		10/29/2015 19:05	1		Rtxi-5Sil MS 0.25(mm)
STD1 460-332084/7 IC		10/29/2015 19:26	1		Rtxi-5Sil MS 0.25(mm)
STD02 460-332084/8 IC		10/29/2015 21:07	1		Rtxi-5Sil MS 0.25(mm)
STD01 460-332084/9 IC		10/29/2015 21:33	1		Rtxi-5Sil MS 0.25(mm)
STD10 460-332084/10 IC		10/29/2015 22:18	1	M965837.D	Rtxi-5Sil MS 0.25(mm)
STD24 460-332084/11 IC		10/29/2015 22:39	1	M965838.D	Rtxi-5Sil MS 0.25(mm)
STD16 460-332084/12 IC		10/29/2015 23:00	1	M965839.D	Rtxi-5Sil MS 0.25(mm)
STD4 460-332084/13 IC		10/29/2015 23:21	1	M965840.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-332084/14 IC		10/29/2015 23:43	1	M965841.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-332084/15 IC		10/30/2015 00:04	1	M965842.D	Rtxi-5Sil MS 0.25(mm)
STD02 460-332084/16 IC		10/30/2015 00:25	1	M965843.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-332084/17		10/30/2015 00:46	1		Rtxi-5Sil MS 0.25(mm)
ICV 460-332084/18		10/30/2015 01:07	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/30/2015 01:42	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/30/2015 02:04	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/30/2015 02:25	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/30/2015 02:46	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/30/2015 03:07	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/30/2015 03:29	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/30/2015 03:50	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/30/2015 04:11	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Instrument ID: CBNAMS6 Start Date: 11/11/2015 16:39

Analysis Batch Number: 334749 End Date: 11/12/2015 04:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-334749/1		11/11/2015 16:39	1	M966460.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-334749/2		11/11/2015 16:58	1	M966461.D	Rtxi-5Sil MS 0.25(mm)
STD24 460-334749/3 IC		11/11/2015 17:19	1	M966462.D	Rtxi-5Sil MS 0.25(mm)
STD16 460-334749/4 IC		11/11/2015 17:40	1	M966463.D	Rtxi-5Sil MS 0.25(mm)
STD4 460-334749/5 IC		11/11/2015 18:02	1	M966464.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-334749/6 IC		11/11/2015 18:23	1	M966465.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-334749/7 IC		11/11/2015 18:44	1	M966466.D	Rtxi-5Sil MS 0.25(mm)
STD02 460-334749/8 IC		11/11/2015 19:05	1	M966467.D	Rtxi-5Sil MS 0.25(mm)
STD01 460-334749/9 IC		11/11/2015 19:26	1	M966468.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-334749/10		11/11/2015 19:48	1	M966469.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-334749/11		11/11/2015 20:09	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/11/2015 23:20	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/11/2015 23:41	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 00:02	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 00:23	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 00:44	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 01:06	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 01:27	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 01:48	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 02:09	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 02:30	5		Rtxi-5Sil MS 0.25(mm)
LCS 460-334367/2-A		11/12/2015 03:56	1	M966492.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 04:17	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 04:38	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Instrument ID: CBNAMS6 Start Date: 11/12/2015 09:28

Analysis Batch Number: 334836 End Date: 11/12/2015 21:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-334836/1		11/12/2015 09:28	1	M966495.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-334836/2		11/12/2015 09:54	1	M966496.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-334836/3		11/12/2015 10:46	1	M966497.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 11:28	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 11:49	50		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 12:11	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 12:32	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 12:53	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 13:17	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 13:38	1		Rtxi-5Sil MS 0.25(mm)
MB 460-334367/1-A		11/12/2015 13:59	1	M966505.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 14:21	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 14:41	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 15:01	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 15:22	1		Rtxi-5Sil MS 0.25(mm)
LCSD 460-334367/3-A		11/12/2015 15:43	1	M966510.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-334367/4-A		11/12/2015 16:04	1	M966511.D	Rtxi-5Sil MS 0.25(mm)
LCSD 460-334367/5-A		11/12/2015 16:26	1	M966512.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 16:47	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 17:08	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 17:30	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 17:51	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 18:33	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 18:55	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 19:16	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 19:37	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 19:58	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 20:19	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 20:41	1		Rtxi-5Sil MS 0.25(mm)
460-104194-23	FB-20151106	11/12/2015 21:02	1	M966525.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 21:23	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Batch Number: 334367 Batch Start Date: 11/10/15 11:07 Batch Analyst: Esteban, Maria

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	FirstAdjustpH	SecondAdjustpH	OP_Benzald_sp 00002
MB 460-334367/1		3510C, 8270D		7 SU	250 mL	2 mL	<2 SU	>12 SU	
LCS 460-334367/2		3510C, 8270D		7 SU	250 mL	2 mL	<2 SU	>12 SU	
LCSD 460-334367/3		3510C, 8270D		7 SU	250 mL	2 mL	<2 SU	>12 SU	
LCS 460-334367/4		3510C, 8270D		7 SU	250 mL	2 mL	<2 SU	>12 SU	20 uL
LCSD 460-334367/5		3510C, 8270D		7 SU	250 mL	2 mL	<2 SU	>12 SU	20 uL
460-104194-E-23	FB-20151106	3510C, 8270D	T	5 SU	250 mL	2 mL	<2 SU	>12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_BNA SPIK 00018	OP_BNASurroga 00008				
MB 460-334367/1		3510C, 8270D			200 uL				
LCS 460-334367/2		3510C, 8270D		200 uL	200 uL				
LCSD 460-334367/3		3510C, 8270D		200 uL	200 uL				
LCS 460-334367/4		3510C, 8270D			200 uL				
LCSD 460-334367/5		3510C, 8270D			200 uL				
460-104194-E-23	FB-20151106	3510C, 8270D	T		200 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Batch Number: 334367 Batch Start Date: 11/10/15 11:07 Batch Analyst: Esteban, Maria

Batch Method: 3510C Batch End Date:

Batch Notes	
Acid used for pH adjustment	H2SO4
Acid used for pH adjust Lot #	110063
Base used for pH adjustment	NaOH
Base used for pH adjust Lot #	1552
Batch Comment	3510C 8270D LVI/ TCLP
Person's name who did the concentration	ME
N-evap #	222299
N-evap temperature	35 Degrees C
Na2SO4 Lot Number	433101
Prep Solvent Lot #	123569
Prep Solvent Name	MeCl2
Prep Solvent Volume Used	120 mL
Person's name who did the prep	ME
Uncorrected N-evap Temperature	35 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Batch Number: 334425 Batch Start Date: 11/10/15 14:09 Batch Analyst: Windham, Frank H

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_Benzald_sp 00002	OP_BNA SPIK 00018	OP_BNASurroga 00008	
MB 460-334425/1		3546, 8270D		15.0000 g	1 mL			500 uL	
LCS 460-334425/2		3546, 8270D		15.0000 g	1 mL		500 uL	500 uL	
LCS 460-334425/3		3546, 8270D		15.0000 g	1 mL	50 uL		500 uL	
460-104194-F-9 MS	PRA-18-NE	3546, 8270D	T	15.0041 g	1 mL	50 uL	500 uL	500 uL	
460-104194-F-9 MSD	PRA-18-NE	3546, 8270D	T	15.0124 g	1 mL	50 uL	500 uL	500 uL	
460-104194-F-9	PRA-18-NE	3546, 8270D	T	15.0392 g	1 mL			500 uL	
460-104194-F-1	PRA-25S_1.75	3546, 8270D	T	15.0484 g	1 mL			500 uL	
460-104194-F-2	PRA-25S-3.75	3546, 8270D	T	15.0112 g	1 mL			500 uL	
460-104194-F-3	PRA-25S 8.25	3546, 8270D	T	15.0134 g	1 mL			500 uL	
460-104194-F-4	PRA-25S 11.25	3546, 8270D	T	15.0288 g	1 mL			500 uL	
460-104194-F-5	PRA-23 NW	3546, 8270D	T	15.0114 g	1 mL			500 uL	
460-104194-F-6	PRA-18 S	3546, 8270D	T	15.0234 g	1 mL			500 uL	
460-104194-F-7	PRA-10 W	3546, 8270D	T	15.0591 g	1 mL			500 uL	
460-104194-F-8	PRA-18-SE	3546, 8270D	T	15.0522 g	1 mL			500 uL	
460-104194-F-10	PRA-20-N	3546, 8270D	T	15.0343 g	1 mL			500 uL	
460-104194-F-20	DUP-2015_11_06_01	3546, 8270D	T	15.0177 g	1 mL			500 uL	

Batch Notes	
Balance ID	30
Batch Comment	BNA SOIL 8270D
Final Concentrator Volume	1 mL
MeCl2/Acetone Lot #	116983
Na2SO4 Lot Number	433101
Person's name who did the prep	FW
Person who performed Spike	FW
Water Bath Temperature	38C (38C UNCORRECTED)

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Batch Number: 334425 Batch Start Date: 11/10/15 14:09 Batch Analyst: Windham, Frank H

Batch Method: 3546 Batch End Date:

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8082A

Polychlorinated Biphenyls (PCBs) by Gas Chromatography

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

Client Sample ID	Lab Sample ID	DCB1 #	DCB2 #
PRA-25S_1.75	460-104194-1	119	110
PRA-25S-3.75	460-104194-2	116	111
PRA-25S 8.25	460-104194-3	109	107
PRA-25S 11.25	460-104194-4	110	104
PRA-23 NW	460-104194-5	118	114
PRA-18 S	460-104194-6	117	112
PRA-10 W	460-104194-7	120	112
PRA-18-SE	460-104194-8	123	117
PRA-18-NE	460-104194-9	116	111
PRA-20-N	460-104194-10	114	110
PMP-15-NW2-WT	460-104194-11	0 X D	0 X D
PMP-16-NW2-WT	460-104194-12	150 D	161 X D
PMP-17-NW2-WT	460-104194-13	0 X D	0 X D
PMP-18-NW2-WT	460-104194-14	0 X D	0 X D
PMP-19-NW2-WT	460-104194-15	0 X D	0 X D
PMP-20-NW2-WT	460-104194-16	128 D	121 D
PMP-20-NW2-S	460-104194-17	128 p D	204 X D
PMP-26-NW2-WT	460-104194-18	130 D	128 D
DUP-2015_2_11_06	460-104194-19	0 X D	0 X D
DUP-2015_11_06_01	460-104194-20	104	100
PMP-27_NW2_WT	460-104194-21	138 D	132 D
PMP-28_NW2_WT	460-104194-22	125	117
PMP-13_NW2_WT	460-104194-25	0 X D	0 X D
	MB 460-334586/1-A	120	114
	MB 460-334588/1-A	111	100
	LCS 460-334586/2-A	121	117
	LCS 460-334588/2-A	112	103
PRA-25S_1.75 MS	460-104194-1 MS	108	103
	460-104183-A-23-A MS	121	117
PRA-25S_1.75 MSD	460-104194-1 MSD	115	107
	460-104183-A-23-B MSD	125	123

	QC LIMITS
DCB = DCB Decachlorobiphenyl	47-150

Column to be used to flag recovery values

FORM II 8082A

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

Client Sample ID	Lab Sample ID	DCB1 #	DCB2 #
FB-20151106	460-104194-23	24	21
	MB 460-334069/1-A	46	47
	LCS 460-334069/2-A	72	75
	LCSD 460-334069/3-A	74	70

	QC LIMITS
DCB = DCB Decachlorobiphenyl	10-150

Column to be used to flag recovery values

FORM II 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Water Level: Low Lab File ID: VR504474.D

Lab ID: LCS 460-334069/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	4.00	5.05	126	74-150	
Aroclor 1016	4.00	4.93	123	74-150	
Aroclor 1260	4.00	5.26	131	65-150	
Aroclor 1260	4.00	4.97	124	65-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: T1312099.D

Lab ID: LCS 460-334586/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	356	107	70-149	
Aroclor 1016	333	340	102	70-149	
Aroclor 1260	333	382	115	71-150	
Aroclor 1260	333	359	108	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: T1312068.D

Lab ID: LCS 460-334588/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	323	97	70-149	
Aroclor 1016	333	314	94	70-149	
Aroclor 1260	333	351	105	71-150	
Aroclor 1260	333	336	101	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Water Level: Low Lab File ID: VR504475.D

Lab ID: LCSD 460-334069/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	4.00	4.82	120	2	30	74-150	
Aroclor 1016	4.00	5.20	130	3	30	74-150	
Aroclor 1260	4.00	4.79	120	4	30	65-150	
Aroclor 1260	4.00	5.06	127	4	30	65-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: T1312070.D

Lab ID: 460-104194-1 MS Client ID: PRA-25S_1.75 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	358	9.6 U	343	96	70-149	
Aroclor 1016	358	9.6 U	338	94	70-149	
Aroclor 1260	358	9.9 U	379	106	71-150	
Aroclor 1260	358	9.9 U	354	99	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: T1312100.D

Lab ID: 460-104183-A-23-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	539	14 U	651	121	70-149	
Aroclor 1016	539	14 U	638	118	70-149	
Aroclor 1260	539	15 U	656	122	71-150	
Aroclor 1260	539	15 U	627	116	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: T1312071.D

Lab ID: 460-104194-1 MSD Client ID: PRA-25S_1.75 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	358	366	102	6	30	70-149	
Aroclor 1016	358	361	101	7	30	70-149	
Aroclor 1260	358	404	113	6	30	71-150	
Aroclor 1260	358	378	106	7	30	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: T1312101.D

Lab ID: 460-104183-A-23-B MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	538	667	124	2	30	70-149	
Aroclor 1016	538	653	121	2	30	70-149	
Aroclor 1260	538	685	127	4	30	71-150	
Aroclor 1260	538	652	121	4	30	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: MB 460-334069/1-A

Matrix: Water Date Extracted: 11/09/2015 10:14

Lab File ID:(1) VR504473.D Lab File ID:(2) VR504473.D

Date Analyzed:(1) 11/11/2015 15:39 Date Analyzed:(2) 11/11/2015 15:39

Instrument ID:(1) CPESTGC9 Instrument ID:(2) CPESTGC9

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-334069/2-A	11/11/2015 15:55	11/11/2015 15:55
	LCSD 460-334069/3-A	11/11/2015 16:10	11/11/2015 16:10
FB-20151106	460-104194-23	11/11/2015 18:32	11/11/2015 18:32

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: MB 460-334586/1-A

Matrix: Solid Date Extracted: 11/11/2015 05:21

Lab File ID:(1) T1312098.D Lab File ID:(2) T1312098.D

Date Analyzed:(1) 11/11/2015 22:33 Date Analyzed:(2) 11/11/2015 22:33

Instrument ID:(1) CPESTGC11 Instrument ID:(2) CPESTGC11

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-334586/2-A	11/11/2015 22:47	11/11/2015 22:47
	460-104183-A-23-A MS	11/11/2015 23:02	11/11/2015 23:02
	460-104183-A-23-B MSD	11/11/2015 23:16	11/11/2015 23:16
PMP-28_NW2_WT	460-104194-22	11/12/2015 03:38	11/12/2015 03:38
PMP-27_NW2_WT	460-104194-21	11/12/2015 10:11	11/12/2015 10:11
PMP-13_NW2_WT	460-104194-25	11/12/2015 10:26	11/12/2015 10:26

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: MB 460-334588/1-A

Matrix: Solid Date Extracted: 11/11/2015 05:25

Lab File ID:(1) T1312067.D Lab File ID:(2) T1312067.D

Date Analyzed:(1) 11/11/2015 15:01 Date Analyzed:(2) 11/11/2015 15:01

Instrument ID:(1) CPESTGC11 Instrument ID:(2) CPESTGC11

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-334588/2-A	11/11/2015 15:15	11/11/2015 15:15
PRA-25S_1.75	460-104194-1	11/11/2015 15:30	11/11/2015 15:30
PRA-25S_1.75 MS	460-104194-1 MS	11/11/2015 15:45	11/11/2015 15:45
PRA-25S_1.75 MSD	460-104194-1 MSD	11/11/2015 15:59	11/11/2015 15:59
PRA-25S-3.75	460-104194-2	11/11/2015 16:14	11/11/2015 16:14
PRA-25S 8.25	460-104194-3	11/11/2015 16:28	11/11/2015 16:28
PRA-25S 11.25	460-104194-4	11/11/2015 16:43	11/11/2015 16:43
PRA-23 NW	460-104194-5	11/11/2015 16:58	11/11/2015 16:58
PRA-18 S	460-104194-6	11/11/2015 17:12	11/11/2015 17:12
PRA-10 W	460-104194-7	11/11/2015 17:27	11/11/2015 17:27
PRA-18-SE	460-104194-8	11/11/2015 17:41	11/11/2015 17:41
PRA-18-NE	460-104194-9	11/11/2015 17:56	11/11/2015 17:56
PRA-20-N	460-104194-10	11/11/2015 18:10	11/11/2015 18:10
PMP-15-NW2-WT	460-104194-11	11/12/2015 06:19	11/12/2015 06:19
PMP-16-NW2-WT	460-104194-12	11/12/2015 06:33	11/12/2015 06:33
PMP-17-NW2-WT	460-104194-13	11/12/2015 06:48	11/12/2015 06:48
PMP-18-NW2-WT	460-104194-14	11/12/2015 07:02	11/12/2015 07:02
PMP-19-NW2-WT	460-104194-15	11/12/2015 07:17	11/12/2015 07:17
PMP-20-NW2-WT	460-104194-16	11/12/2015 07:31	11/12/2015 07:31
PMP-20-NW2-S	460-104194-17	11/12/2015 07:46	11/12/2015 07:46
PMP-26-NW2-WT	460-104194-18	11/12/2015 08:01	11/12/2015 08:01
DUP-2015_2_11_06	460-104194-19	11/12/2015 08:14	11/12/2015 08:14
DUP-2015_11_06_01	460-104194-20	11/12/2015 08:28	11/12/2015 08:28

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Sample No.: CCVIS 460-334728/1 Date Analyzed: 11/11/2015 14:42

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): T1312066.D Heated Purge: (Y/N) N

Calibration ID: 51571

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		30110367	1.52				
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-334588/1-A		29590827	1.52				
LCS 460-334588/2-A		29149268	1.52				
460-104194-1	PRA-25S_1.75	28503647	1.52				
460-104194-1 MS	PRA-25S_1.75 MS	29304825	1.52				
460-104194-1 MSD	PRA-25S_1.75 MSD	27030497	1.52				
460-104194-2	PRA-25S-3.75	27218414	1.52				
460-104194-3	PRA-25S 8.25	28800327	1.52				
460-104194-4	PRA-25S 11.25	29530759	1.52				
460-104194-5	PRA-23 NW	28340200	1.52				
460-104194-6	PRA-18 S	28703951	1.52				
460-104194-7	PRA-10 W	28446039	1.52				
460-104194-8	PRA-18-SE	28207808	1.52				
460-104194-9	PRA-18-NE	29855653	1.52				
460-104194-10	PRA-20-N	27884343	1.52				
CCV 460-334728/27		30625434	1.52				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Sample No.: CCVIS 460-334728/1 Date Analyzed: 11/11/2015 14:42

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): T1312066.D Heated Purge: (Y/N) N

Calibration ID: 51572

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		36830598	1.34				
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-334588/1-A		35755175	1.34				
LCS 460-334588/2-A		35657823	1.35				
460-104194-1	PRA-25S_1.75	34917500	1.35				
460-104194-1 MS	PRA-25S_1.75 MS	36201800	1.35				
460-104194-1 MSD	PRA-25S_1.75 MSD	33551548	1.35				
460-104194-2	PRA-25S-3.75	34092091	1.35				
460-104194-3	PRA-25S 8.25	36351416	1.35				
460-104194-4	PRA-25S 11.25	36778060	1.35				
460-104194-5	PRA-23 NW	35328319	1.35				
460-104194-6	PRA-18 S	35709085	1.35				
460-104194-7	PRA-10 W	34829788	1.35				
460-104194-8	PRA-18-SE	34981727	1.35				
460-104194-9	PRA-18-NE	37143630	1.35				
460-104194-10	PRA-20-N	34420796	1.35				
CCV 460-334728/27		38212940	1.34				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Sample No.: CCVIS 460-334728/32 Date Analyzed: 11/11/2015 22:18

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): T1312097.D Heated Purge: (Y/N) N

Calibration ID: 51571

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		29863270	1.52				
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-334586/1-A		27751108	1.52				
LCS 460-334586/2-A		25862623	1.52				
460-104183-A-23-A MS		25996479	1.52				
460-104183-A-23-B MSD		25859179	1.52				
460-104194-22	PMP-28_NW2_WT	27839624	1.52				
CCV 460-334728/58		34544350	1.52				
CCV 460-334728/61		36927139	1.52				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Sample No.: CCVIS 460-334728/32 Date Analyzed: 11/11/2015 22:18

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): T1312097.D Heated Purge: (Y/N) N

Calibration ID: 51572

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		37470713	1.35				
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-334586/1-A		34843940	1.35				
LCS 460-334586/2-A		32358279	1.35				
460-104183-A-23-A MS		32640079	1.35				
460-104183-A-23-B MSD		32823737	1.35				
460-104194-22	PMP-28_NW2_WT	34538151	1.35				
CCV 460-334728/58		43517420	1.35				
CCV 460-334728/61		45445515	1.35				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Sample No.: CCVIS 460-334728/64 Date Analyzed: 11/12/2015 06:04

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): T1312129.D Heated Purge: (Y/N) N

Calibration ID: 51571

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		30050472	1.52				
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-104194-11	PMP-15-NW2-WT	30600552	1.52				
460-104194-12	PMP-16-NW2-WT	30047662	1.52				
460-104194-13	PMP-17-NW2-WT	31562170	1.52				
460-104194-14	PMP-18-NW2-WT	30519484	1.52				
460-104194-15	PMP-19-NW2-WT	29716211	1.52				
460-104194-16	PMP-20-NW2-WT	29827888	1.52				
460-104194-17	PMP-20-NW2-S	29439586	1.52				
460-104194-18	PMP-26-NW2-WT	30905126	1.52				
460-104194-19	DUP-2015_2_11_06	30753889	1.53				
460-104194-20	DUP-2015_11_06_01	32441868	1.52				
460-104194-21	PMP-27_NW2_WT	31726226	1.52				
460-104194-25	PMP-13_NW2_WT	31398159	1.52				
CCV 460-334728/80		35889217	1.52				
CCV 460-334728/81		32597558	1.52				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Sample No.: CCVIS 460-334728/64 Date Analyzed: 11/12/2015 06:04

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): T1312129.D Heated Purge: (Y/N) N

Calibration ID: 51572

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		37374467	1.35				
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-104194-11	PMP-15-NW2-WT	38050376	1.35				
460-104194-12	PMP-16-NW2-WT	36944340	1.35				
460-104194-13	PMP-17-NW2-WT	38264998	1.35				
460-104194-14	PMP-18-NW2-WT	37494813	1.35				
460-104194-15	PMP-19-NW2-WT	36688198	1.35				
460-104194-16	PMP-20-NW2-WT	36748698	1.35				
460-104194-17	PMP-20-NW2-S	36421086	1.35				
460-104194-18	PMP-26-NW2-WT	37891534	1.34				
460-104194-19	DUP-2015_2_11_06	40813859	1.37				
460-104194-20	DUP-2015_11_06_01	40338403	1.35				
460-104194-21	PMP-27_NW2_WT	38019669	1.34				
460-104194-25	PMP-13_NW2_WT	38407099	1.35				
CCV 460-334728/80		44943614	1.34				
CCV 460-334728/81		38938487	1.34				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Sample No.: CCVIS 460-334730/1 Date Analyzed: 11/11/2015 15:22

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): VR504472.D Heated Purge: (Y/N) N

Calibration ID: 52552

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1326094	1.64				
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-334069/1-A		3430091	1.64				
LCS 460-334069/2-A		1638772	1.64				
LCSD 460-334069/3-A		2090753	1.64				
460-104194-23	FB-20151106	2758911	1.64				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Sample No.: CCVIS 460-334730/1 Date Analyzed: 11/11/2015 15:22

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): VR504472.D Heated Purge: (Y/N) N

Calibration ID: 52553

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		2307188	1.43				
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-334069/1-A		5562711	1.43				
LCS 460-334069/2-A		2757200	1.43				
LCSD 460-334069/3-A		3172876	1.43				
460-104194-23	FB-20151106	3858436	1.43				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S_1.75 MS Lab Sample ID: 460-104194-1 MS

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 11/11/2015 15:45 Date Analyzed (2): 11/11/2015 15:45

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.33	2.25	2.39	335	338	1.6
		2	2.68	2.60	2.74	365		
		3	3.15	3.07	3.21	339		
		4	3.29	3.21	3.35	324		
		5	3.72	3.65	3.79	326		
	2	1	2.96	2.90	3.04	357	343	
		2	3.43	3.36	3.50	338		
		3	3.94	3.88	4.02	337		
		4	4.63	4.57	4.71	328		
		5	4.77	4.71	4.85	358		
Aroclor 1260	1	1	5.03	4.96	5.10	348	354	6.9
		2	6.09	6.02	6.16	363		
		3	6.53	6.46	6.60	361		
		4	6.94	6.87	7.01	317		
		5	8.03	7.96	8.10	380		
	2	1	6.14	6.08	6.22	345	379	
		2	6.45	6.39	6.53	354		
		3	7.65	7.58	7.72	407		
		4	8.14	8.08	8.22	384		
		5	9.90	9.83	9.97	405		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S_1.75 MSD Lab Sample ID: 460-104194-1 MSD

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 11/11/2015 15:59 Date Analyzed (2): 11/11/2015 15:59

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.33	2.25	2.39	361	361	1.6
		2	2.68	2.60	2.74	392		
		3	3.15	3.07	3.21	362		
		4	3.29	3.21	3.35	346		
		5	3.72	3.65	3.79	343		
	2	1	2.96	2.90	3.04	385	366	
		2	3.43	3.36	3.50	360		
		3	3.94	3.88	4.02	361		
		4	4.63	4.57	4.71	346		
		5	4.77	4.71	4.85	380		
Aroclor 1260	1	1	5.03	4.96	5.10	369	378	6.7
		2	6.10	6.02	6.16	384		
		3	6.53	6.46	6.60	390		
		4	6.94	6.87	7.01	338		
		5	8.03	7.96	8.10	407		
	2	1	6.15	6.08	6.22	365	404	
		2	6.45	6.39	6.53	375		
		3	7.65	7.58	7.72	435		
		4	8.14	8.08	8.22	409		
		5	9.90	9.83	9.97	435		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S-3.75 Lab Sample ID: 460-104194-2

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 11/11/2015 16:14 Date Analyzed (2): 11/11/2015 16:14

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1260	1	1	5.03	4.96	5.10	93.0	58	2.3
		2	6.10	6.02	6.16	60.4		
		3	6.53	6.46	6.60	52.3		
		4	6.94	6.87	7.01	42.1		
		5	8.03	7.96	8.10	44.7		
	2	1	6.15	6.08	6.22	84.7	60	
		2	6.45	6.39	6.53	61.4		
		3	7.64	7.58	7.72	59.5		
		4	8.14	8.08	8.22	55.2		
		5	9.90	9.83	9.97	38.5		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S 8.25 Lab Sample ID: 460-104194-3

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 11/11/2015 16:28 Date Analyzed (2): 11/11/2015 16:28

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	1	2.69	2.61	2.75	82.7	330	9.4
		2	3.15	3.08	3.22	399		
		3	3.72	3.65	3.79	380		
		4	4.20	4.11	4.25	429		
		5	4.41	4.34	4.48	335		
	2	1	3.44	3.36	3.50	51.5	360	
		2	3.94	3.87	4.01	429		
		3	4.34	4.27	4.41	429		
		4	5.07	5.00	5.14	373		
		5	5.12	5.05	5.19	503		
Aroclor 1260	1	1	5.03	4.96	5.10	65.5	55	14.4
		2	6.10	6.02	6.16	54.7		
		3	6.53	6.46	6.60	53.0		
		4	6.95	6.87	7.01	48.0		
		5	8.03	7.96	8.10	51.8		
	2	1	6.15	6.08	6.22	78.3	63	
		2	6.45	6.39	6.53	61.4		
		3	7.65	7.58	7.72	67.2		
		4	8.14	8.08	8.22	56.1		
		5	9.90	9.83	9.97	52.3		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18-NE Lab Sample ID: 460-104194-9

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 11/11/2015 17:56 Date Analyzed (2): 11/11/2015 17:56

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	1	2.68	2.61	2.75	98.0	100	0.4
		2	3.15	3.08	3.22	94.6		
		3	3.72	3.65	3.79	123		
		4	4.20	4.11	4.25	94.8		
		5	4.41	4.34	4.48	112		
	2	1	3.43	3.36	3.50	95.7	100	
		2	3.94	3.87	4.01	120		
		3	4.34	4.27	4.41	97.7		
		4	5.07	5.00	5.14	89.1		
		5	5.12	5.05	5.19	118		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-15-NW2-WT Lab Sample ID: 460-104194-11

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 11/12/2015 06:19 Date Analyzed (2): 11/12/2015 06:19

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.33	2.26	2.40	245000	340000	3.2
		2	2.68	2.61	2.75	378000		
		3	3.15	3.07	3.21	367000		
		4	3.29	3.22	3.36	346000		
		5	3.72	3.65	3.79	354000		
	2	1	2.96	2.89	3.03	267000	350000	
		2	3.43	3.36	3.50	367000		
		3	3.94	3.87	4.01	379000		
		4	4.10	4.03	4.17	351000		
		5	5.11	5.05	5.19	383000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-16-NW2-WT Lab Sample ID: 460-104194-12

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 11/12/2015 06:33 Date Analyzed (2): 11/12/2015 06:33

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.33	2.26	2.40	15200	20000	4.9
		2	2.68	2.61	2.75	21500		
		3	3.15	3.07	3.21	22000		
		4	3.29	3.22	3.36	21600		
		5	3.72	3.65	3.79	22000		
	2	1	2.96	2.89	3.03	16400	21000	
		2	3.42	3.36	3.50	22100		
		3	3.94	3.87	4.01	23200		
		4	4.10	4.03	4.17	22300		
		5	5.12	5.05	5.19	23500		
Aroclor 1260	1	1	5.03	4.96	5.10	1690	1700	9.0
		2	6.09	6.02	6.16	1610		
		3	6.53	6.46	6.60	1780		
		4	6.94	6.87	7.01	1440		
		5	8.03	7.96	8.10	1950		
	2	1	6.14	6.08	6.22	1840	1900	
		2	6.45	6.39	6.53	1880		
		3	7.64	7.58	7.72	1810		
		4	8.14	8.08	8.22	1860		
		5	9.90	9.83	9.97	1880		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-17-NW2-WT Lab Sample ID: 460-104194-13

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 11/12/2015 06:48 Date Analyzed (2): 11/12/2015 06:48

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.32	2.26	2.40	181000	210000	0.2
		2	2.68	2.61	2.75	211000		
		3	3.15	3.07	3.21	216000		
		4	3.29	3.22	3.36	217000		
		5	3.72	3.65	3.79	213000		
	2	1	2.96	2.89	3.03	188000	210000	
		2	3.42	3.36	3.50	210000		
		3	3.94	3.87	4.01	217000		
		4	4.09	4.03	4.17	211000		
		5	5.11	5.05	5.19	213000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-18-NW2-WT Lab Sample ID: 460-104194-14

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 11/12/2015 07:02 Date Analyzed (2): 11/12/2015 07:02

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.32	2.26	2.40	39900	51000	1.7
		2	2.68	2.61	2.75	55600		
		3	3.15	3.07	3.21	53000		
		4	3.29	3.22	3.36	52300		
		5	3.72	3.65	3.79	54300		
	2	1	2.96	2.89	3.03	43200	52000	
		2	3.43	3.36	3.50	54600		
		3	3.94	3.87	4.01	54800		
		4	4.10	4.03	4.17	52400		
		5	5.12	5.05	5.19	54500		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-19-NW2-WT Lab Sample ID: 460-104194-15

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 11/12/2015 07:17 Date Analyzed (2): 11/12/2015 07:17

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.33	2.26	2.40	47200	57000	3.0
		2	2.68	2.61	2.75	60400		
		3	3.15	3.07	3.21	59300		
		4	3.29	3.22	3.36	59100		
		5	3.72	3.65	3.79	60700		
	2	1	2.96	2.89	3.03	51100	59000	
		2	3.43	3.36	3.50	60300		
		3	3.94	3.87	4.01	61900		
		4	4.10	4.03	4.17	60300		
		5	5.12	5.05	5.19	61900		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-20-NW2-WT Lab Sample ID: 460-104194-16

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 11/12/2015 07:31 Date Analyzed (2): 11/12/2015 07:31

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.33	2.26	2.40	26400	42000	3.3
		2	2.68	2.61	2.75	49100		
		3	3.15	3.07	3.21	46700		
		4	3.29	3.22	3.36	43100		
		5	3.72	3.65	3.79	46600		
	2	1	2.96	2.89	3.03	29000	44000	
		2	3.43	3.36	3.50	47400		
		3	3.94	3.87	4.01	48700		
		4	4.10	4.03	4.17	44200		
		5	5.11	5.05	5.19	49600		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-20-NW2-S Lab Sample ID: 460-104194-17

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 11/12/2015 07:46 Date Analyzed (2): 11/12/2015 07:46

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.32	2.26	2.40	10900	25000	4.2
		2	2.68	2.61	2.75	30000		
		3	3.15	3.07	3.21	28100		
		4	3.29	3.22	3.36	25100		
		5	3.72	3.65	3.79	30600		
	2	1	2.96	2.89	3.03	11900	26000	
		2	3.42	3.36	3.50	30800		
		3	3.94	3.87	4.01	29600		
		4	4.10	4.03	4.17	25500		
		5	5.12	5.05	5.19	32400		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-26-NW2-WT Lab Sample ID: 460-104194-18

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 11/12/2015 08:01 Date Analyzed (2): 11/12/2015 08:01

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.32	2.26	2.40	1460	17000	2.2
		2	2.68	2.61	2.75	21800		
		3	3.15	3.07	3.21	21600		
		4	3.29	3.22	3.36	15100		
		5	3.72	3.65	3.79	25400		
	2	1	2.96	2.89	3.03	1620	17000	
		2	3.42	3.36	3.50	21700		
		3	3.94	3.87	4.01	21800		
		4	4.09	4.03	4.17	15300		
		5	5.11	5.05	5.19	26800		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: DUP-2015_2_11_06 Lab Sample ID: 460-104194-19

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 11/12/2015 08:14 Date Analyzed (2): 11/12/2015 08:14

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.35	2.26	2.40	166000	210000	10.1
		2	2.70	2.61	2.75	224000		
		3	3.17	3.07	3.21	224000		
		4	3.31	3.22	3.36	221000		
		5	3.74	3.65	3.79	216000		
	2	1	2.97	2.89	3.03	193000	230000	
		2	3.43	3.36	3.50	247000		
		3	3.94	3.87	4.01	250000		
		4	4.10	4.03	4.17	233000		
		5	5.11	5.05	5.19	241000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: DUP-2015_11_06_01 Lab Sample ID: 460-104194-20

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 11/12/2015 08:28 Date Analyzed (2): 11/12/2015 08:28

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.33	2.26	2.40	269	320	10.4
		2	2.68	2.61	2.75	361		
		3	3.15	3.07	3.21	322		
		4	3.29	3.22	3.36	298		
		5	3.72	3.65	3.79	342		
	2	1	2.96	2.89	3.03	310	350	
		2	3.43	3.36	3.50	345		
		3	3.94	3.87	4.01	352		
		4	4.10	4.03	4.17	345		
		5	5.11	5.05	5.19	416		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-27_NW2_WT Lab Sample ID: 460-104194-21

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 11/12/2015 10:11 Date Analyzed (2): 11/12/2015 10:11

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.31	2.26	2.40	12100	27000	4.2
		2	2.67	2.61	2.75	32500		
		3	3.14	3.07	3.21	30900		
		4	3.28	3.22	3.36	25100		
		5	3.71	3.65	3.79	32500		
	2	1	2.97	2.89	3.03	13000	28000	
		2	3.43	3.36	3.50	32900		
		3	3.95	3.87	4.01	32900		
		4	4.11	4.03	4.17	25100		
		5	5.13	5.05	5.19	35000		
Aroclor 1260	1	1	5.02	4.96	5.10	2170	1800	17.0
		2	6.09	6.02	6.16	1630		
		3	6.52	6.46	6.60	1790		
		4	6.94	6.87	7.01	1520		
		5	8.03	7.96	8.10	1810		
	2	1	6.15	6.08	6.22	2380	2100	
		2	6.46	6.39	6.53	2720		
		3	7.66	7.58	7.72	1770		
		4	8.15	8.08	8.22	1850		
		5	9.91	9.83	9.97	1840		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-28_NW2_WT Lab Sample ID: 460-104194-22

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 11/12/2015 03:38 Date Analyzed (2): 11/12/2015 03:38

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.33	2.26	2.40	617	1300	0.2
		2	2.68	2.61	2.75	1500		
		3	3.15	3.07	3.21	1680		
		4	3.29	3.22	3.36	1210		
	2	1	2.96	2.89	3.03	684	1300	
		2	3.43	3.36	3.50	1480		
		3	3.94	3.87	4.01	1690		
		4	4.10	4.03	4.17	1160		
Aroclor 1262	1	2	5.79	5.72	5.86	755	1000	7.6
		3	6.94	6.87	7.01	749		
		4	7.07	7.01	7.15	1210		
		5	8.03	7.96	8.10	1300		
	2	1	6.14	6.07	6.21	649	930	
		2	6.45	6.38	6.52	1110		
		3	7.14	7.07	7.21	748		
		4	8.85	8.78	8.92	827		
		5	9.89	9.83	9.97	1330		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-13_NW2_WT Lab Sample ID: 460-104194-25

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 11/12/2015 10:26 Date Analyzed (2): 11/12/2015 10:26

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.32	2.26	2.40	197000	240000	4.0
		2	2.68	2.61	2.75	272000		
		3	3.15	3.07	3.21	253000		
		4	3.29	3.22	3.36	249000		
		5	3.72	3.65	3.79	246000		
	2	1	2.96	2.89	3.03	214000	250000	
		2	3.43	3.36	3.50	269000		
		3	3.94	3.87	4.01	267000		
		4	4.10	4.03	4.17	259000		
		5	5.12	5.05	5.19	259000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-334069/2-A

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 11/11/2015 15:55 Date Analyzed (2): 11/11/2015 15:55

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.50	2.43	2.57	4.52	4.93	2.3
		3	3.42	3.34	3.48	5.01		
		4	3.57	3.50	3.64	5.17		
		5	4.05	3.98	4.12	5.03		
	2	2	3.74	3.68	3.82	4.95	5.05	
		3	4.31	4.25	4.39	4.88		
		4	5.07	5.00	5.14	5.09		
		5	5.22	5.16	5.30	5.27		
Aroclor 1260	1	1	5.50	5.43	5.57	4.72	4.97	5.6
		2	6.79	6.72	6.86	5.07		
		3	7.32	7.25	7.39	5.14		
		4	7.86	7.79	7.93	4.96		
	2	1	6.86	6.80	6.94	4.90	5.26	
		2	7.23	7.17	7.31	4.88		
		3	8.54	8.47	8.61	5.34		
		4	8.83	8.77	8.91	5.44		
		5	9.67	9.62	9.76	5.71		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-334069/3-A

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 11/11/2015 16:10 Date Analyzed (2): 11/11/2015 16:10

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.50	2.43	2.57	4.71	5.20	7.7
		3	3.42	3.34	3.48	5.30		
		4	3.57	3.50	3.64	5.45		
		5	4.05	3.98	4.12	5.35		
	2	2	3.74	3.68	3.82	4.68	4.82	
		3	4.31	4.25	4.39	4.74		
		4	5.07	5.00	5.14	4.81		
		5	5.22	5.16	5.30	5.04		
Aroclor 1260	1	1	5.50	5.43	5.57	4.83	5.06	5.5
		2	6.79	6.72	6.86	4.96		
		3	7.32	7.25	7.39	5.29		
		4	7.86	7.79	7.93	5.17		
	2	1	6.86	6.80	6.94	4.65	4.79	
		2	7.24	7.17	7.31	4.56		
		3	8.54	8.47	8.61	4.93		
		4	8.83	8.77	8.91	5.03		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-334586/2-A

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 11/11/2015 22:47 Date Analyzed (2): 11/11/2015 22:47

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.32	2.25	2.39	349	340	4.5
		2	2.68	2.60	2.74	373		
		3	3.15	3.07	3.21	336		
		4	3.29	3.21	3.35	326		
		5	3.72	3.65	3.79	316		
	2	1	2.96	2.90	3.04	378	356	
		2	3.43	3.36	3.50	349		
		3	3.94	3.88	4.02	349		
		4	4.63	4.57	4.71	337		
		5	4.77	4.71	4.85	365		
Aroclor 1260	1	1	5.03	4.96	5.10	351	359	6.4
		2	6.09	6.02	6.16	364		
		3	6.53	6.46	6.60	369		
		4	6.94	6.87	7.01	320		
		5	8.03	7.96	8.10	389		
	2	1	6.14	6.08	6.22	351	382	
		2	6.45	6.39	6.53	363		
		3	7.64	7.58	7.72	392		
		4	8.13	8.08	8.22	383		
		5	9.89	9.83	9.97	422		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-104183-A-23-A MS

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 11/11/2015 23:02 Date Analyzed (2): 11/11/2015 23:02

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.33	2.25	2.39	632	638	2.0
		2	2.68	2.60	2.74	692		
		3	3.15	3.07	3.21	643		
		4	3.29	3.21	3.35	619		
		5	3.72	3.65	3.79	604		
	2	1	2.96	2.90	3.04	676	651	
		2	3.43	3.36	3.50	654		
		3	3.94	3.88	4.02	652		
		4	4.63	4.57	4.71	622		
		5	4.77	4.71	4.85	649		
Aroclor 1260	1	1	5.03	4.96	5.10	590	627	4.4
		2	6.09	6.02	6.16	611		
		3	6.53	6.46	6.60	685		
		4	6.94	6.87	7.01	556		
		5	8.03	7.96	8.10	695		
	2	1	6.14	6.08	6.22	602	656	
		2	6.45	6.39	6.53	602		
		3	7.64	7.58	7.72	703		
		4	8.14	8.08	8.22	663		
		5	9.89	9.83	9.97	708		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-104183-A-23-B MSD

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 11/11/2015 23:16 Date Analyzed (2): 11/11/2015 23:16

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.33	2.25	2.39	635	653	2.1
		2	2.68	2.60	2.74	701		
		3	3.15	3.07	3.21	660		
		4	3.29	3.21	3.35	631		
		5	3.72	3.65	3.79	637		
	2	1	2.96	2.90	3.04	691	667	
		2	3.43	3.36	3.50	652		
		3	3.94	3.88	4.02	657		
		4	4.63	4.57	4.71	641		
		5	4.77	4.71	4.85	694		
Aroclor 1260	1	1	5.03	4.96	5.10	605	652	5.0
		2	6.09	6.02	6.16	633		
		3	6.53	6.46	6.60	707		
		4	6.94	6.87	7.01	570		
		5	8.03	7.96	8.10	742		
	2	1	6.14	6.08	6.22	631	685	
		2	6.45	6.39	6.53	632		
		3	7.65	7.58	7.72	738		
		4	8.13	8.08	8.22	691		
		5	9.89	9.83	9.97	731		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-334588/2-A

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 11/11/2015 15:15 Date Analyzed (2): 11/11/2015 15:15

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.33	2.25	2.39	300	314	2.8
		2	2.68	2.60	2.74	343		
		3	3.15	3.07	3.21	314		
		4	3.29	3.21	3.35	312		
		5	3.72	3.65	3.79	302		
	2	1	2.96	2.90	3.04	343	323	
		2	3.43	3.36	3.50	319		
		3	3.94	3.88	4.02	318		
		4	4.63	4.57	4.71	305		
		5	4.77	4.71	4.85	332		
Aroclor 1260	1	1	5.03	4.96	5.10	321	336	4.4
		2	6.09	6.02	6.16	335		
		3	6.53	6.46	6.60	347		
		4	6.94	6.87	7.01	306		
		5	8.03	7.96	8.10	371		
	2	1	6.15	6.08	6.22	313	351	
		2	6.45	6.39	6.53	322		
		3	7.65	7.58	7.72	378		
		4	8.14	8.08	8.22	360		
		5	9.90	9.83	9.97	383		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S_1.75 | Lab Sample ID: 460-104194-1

Matrix: Solid | Lab File ID: T1312069.D

Analysis Method: 8082A | Date Collected: 11/06/2015 12:45

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0013(g) | Date Analyzed: 11/11/2015 15:30

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312069.D
Lims ID: 460-104194-F-1-D Lab Sample ID: 460-104194-1
Client ID: PRA-25S_1.75
Sample Type: Client
Inject. Date: 11-Nov-2015 15:30:34 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:17:44 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 11-Nov-2015 16:38:47

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.520	1.521	-0.001	28503647	20.0	
2	1.346	1.339	0.007	34917500	20.0	
				RPD =	0.00	
$ 2 Tetrachloro-m-xylene						
1	2.401	2.405	-0.004	66172720	52.3	
2	1.970	1.961	0.009	85656713	52.5	
				RPD =	0.38	
$ 11 DCB Decachlorobiphenyl						
1	10.462	10.471	-0.009	51976914	55.1	
2	8.969	8.963	0.006	97825112	59.7	
				RPD =	8.07	

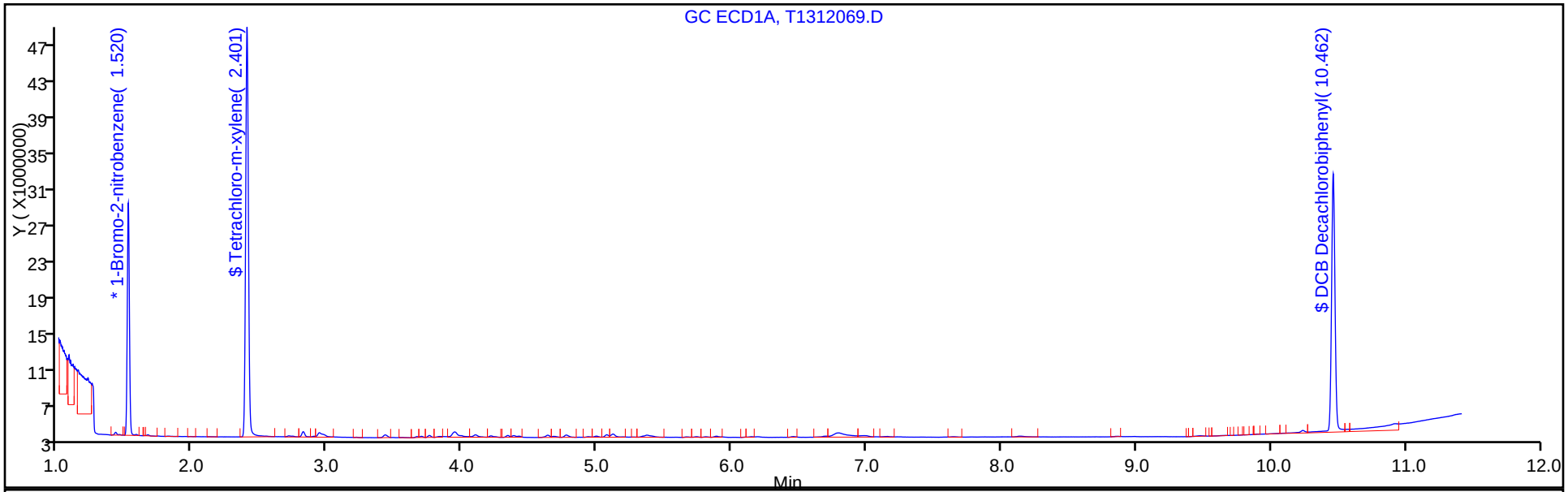
Reagents:

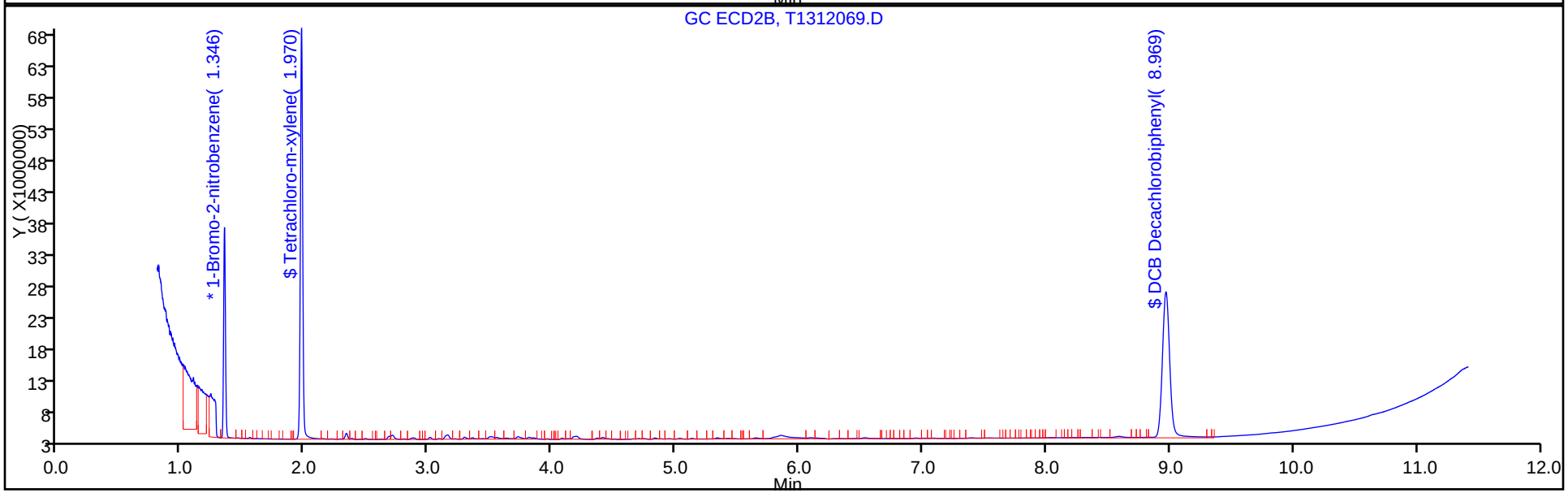
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 12-Nov-2015 12:18:06 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312069.D				
Injection Date:	11-Nov-2015 15:30:34	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-F-1-D	Lab Sample ID:	460-104194-1	Worklist Smp#:	4
Client ID:	PRA-25S_1.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S_1.75 | Lab Sample ID: 460-104194-1

Matrix: Solid | Lab File ID: T1312069.D

Analysis Method: 8082A | Date Collected: 11/06/2015 12:45

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0013(g) | Date Analyzed: 11/11/2015 15:30

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	9.6	U	72	9.6
11104-28-2	Aroclor 1221	9.6	U	72	9.6
11141-16-5	Aroclor 1232	9.6	U	72	9.6
53469-21-9	Aroclor 1242	9.6	U	72	9.6
12672-29-6	Aroclor 1248	9.6	U	72	9.6
11097-69-1	Aroclor 1254	9.9	U	72	9.9
11096-82-5	Aroclor 1260	9.9	U	72	9.9
37324-23-5	Aroclor 1262	9.9	U	72	9.9
11100-14-4	Aroclor 1268	9.9	U	72	9.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	119		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312069.D
Lims ID: 460-104194-F-1-D Lab Sample ID: 460-104194-1
Client ID: PRA-25S_1.75
Sample Type: Client
Inject. Date: 11-Nov-2015 15:30:34 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:17:44 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 11-Nov-2015 16:38:47

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.520	1.521	-0.001	28503647	20.0	
2	1.346	1.339	0.007	34917500	20.0	
				RPD =	0.00	
$ 2 Tetrachloro-m-xylene						
1	2.401	2.405	-0.004	66172720	52.3	
2	1.970	1.961	0.009	85656713	52.5	
				RPD =	0.38	
$ 11 DCB Decachlorobiphenyl						
1	10.462	10.471	-0.009	51976914	55.1	
2	8.969	8.963	0.006	97825112	59.7	
				RPD =	8.07	

Reagents:

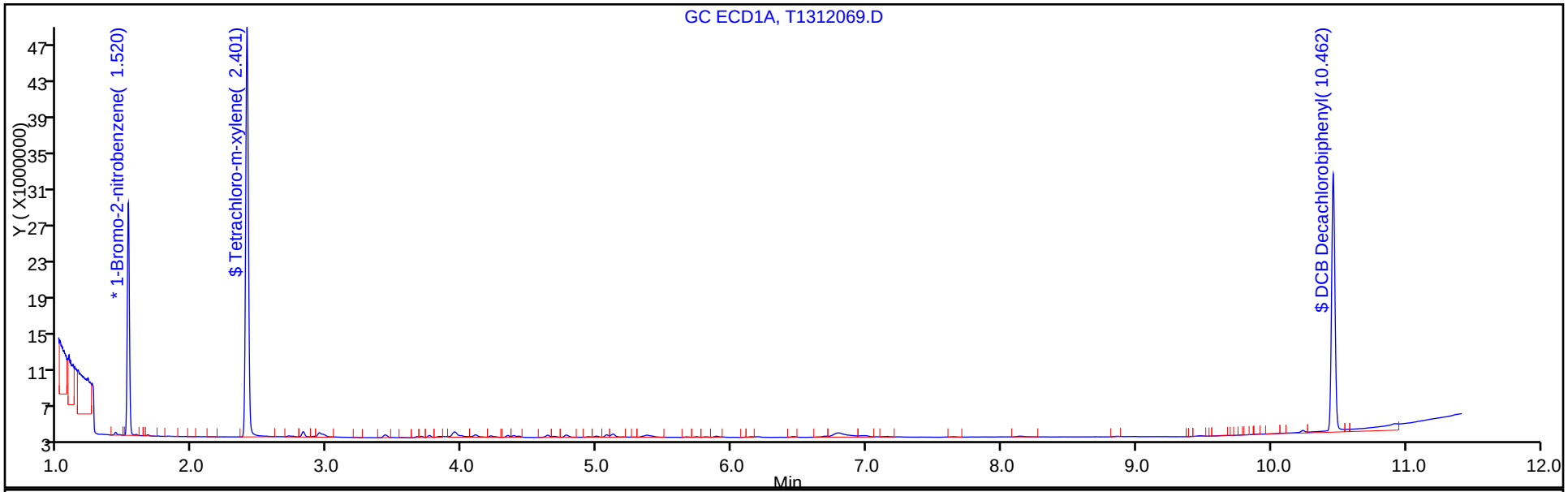
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

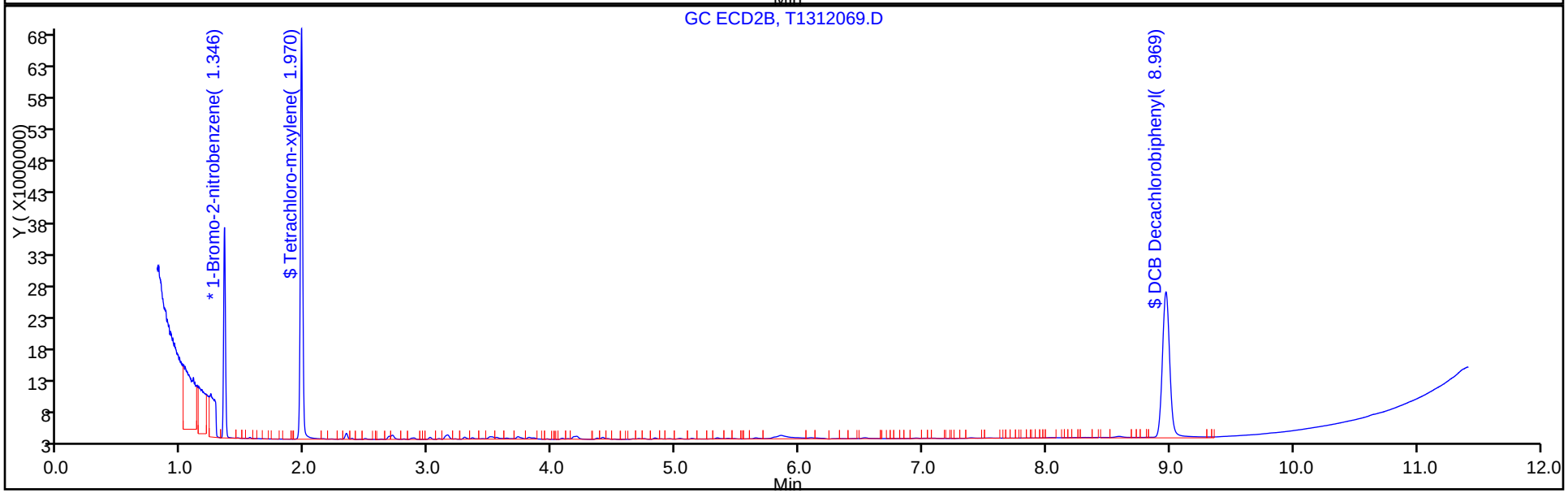
Report Date: 12-Nov-2015 12:18:07 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312069.D

Injection Date:	11-Nov-2015 15:30:34	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-F-1-D	Lab Sample ID:	460-104194-1	Worklist Smp#:	4
Client ID:	PRA-25S_1.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S-3.75 | Lab Sample ID: 460-104194-2

Matrix: Solid | Lab File ID: T1312072.D

Analysis Method: 8082A | Date Collected: 11/06/2015 12:47

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0080(g) | Date Analyzed: 11/11/2015 16:14

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11096-82-5	Aroclor 1260	60	J	71	9.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	111		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312072.D
Lims ID: 460-104194-F-2-B Lab Sample ID: 460-104194-2
Client ID: PRA-25S-3.75
Sample Type: Client
Inject. Date: 11-Nov-2015 16:14:19 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:17:44 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 11-Nov-2015 16:38:06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	27218414	20.0	
2	1.346	1.339	0.007	34092091	20.0	
					RPD = 0.00	
8 PCB-1260						M
1	6.145	6.152	-0.007	7822160	120.7	M
1	6.453	6.459	-0.006	6220661	87.4	M
1	7.644	7.654	-0.010	4430974	84.8	M
1	8.137	8.146	-0.009	9138961	78.6	M
1	9.898	9.904	-0.006	1596411	54.8	
		Average of Peak Amounts =			85.2	
2	5.033	5.027	0.006	10751451	132.5	M
2	6.096	6.090	0.006	6710414	86.0	M
2	6.531	6.525	0.006	12491412	74.5	M
2	6.944	6.937	0.007	5690382	59.9	
2	8.033	8.026	0.007	2854157	63.6	
		Average of Peak Amounts =			83.3	
					RPD = 2.30	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						M
1	10.465	10.471	-0.006	49874128	55.4	
2	8.968	8.963	0.005	92492200	57.9	M
					RPD = 4.38	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

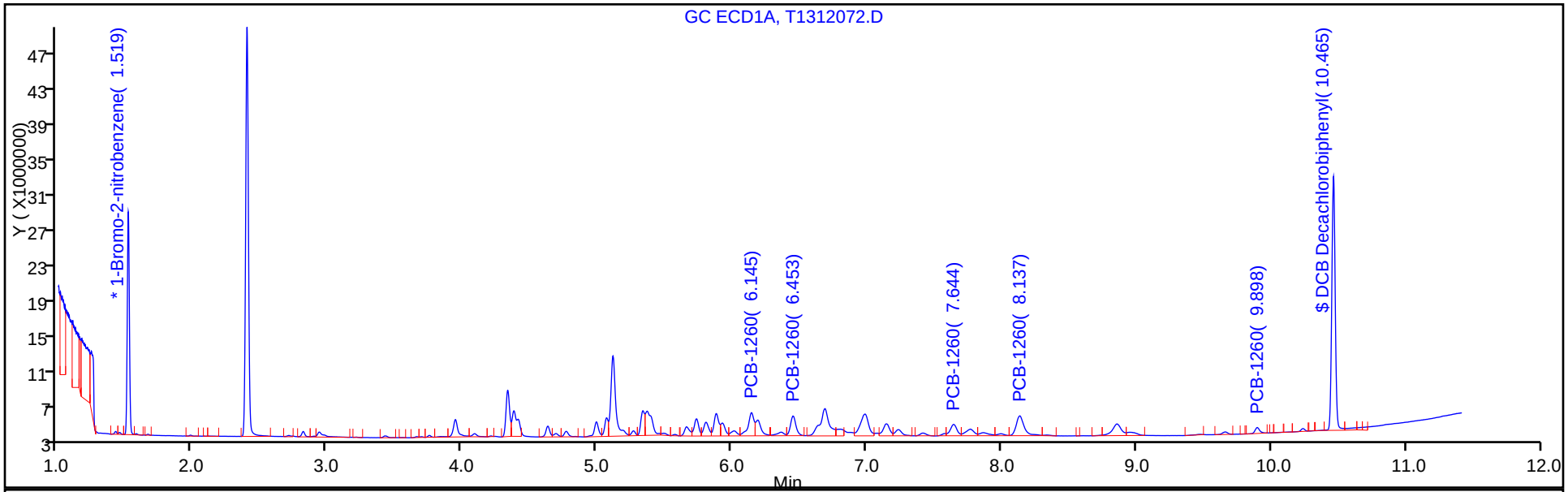
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

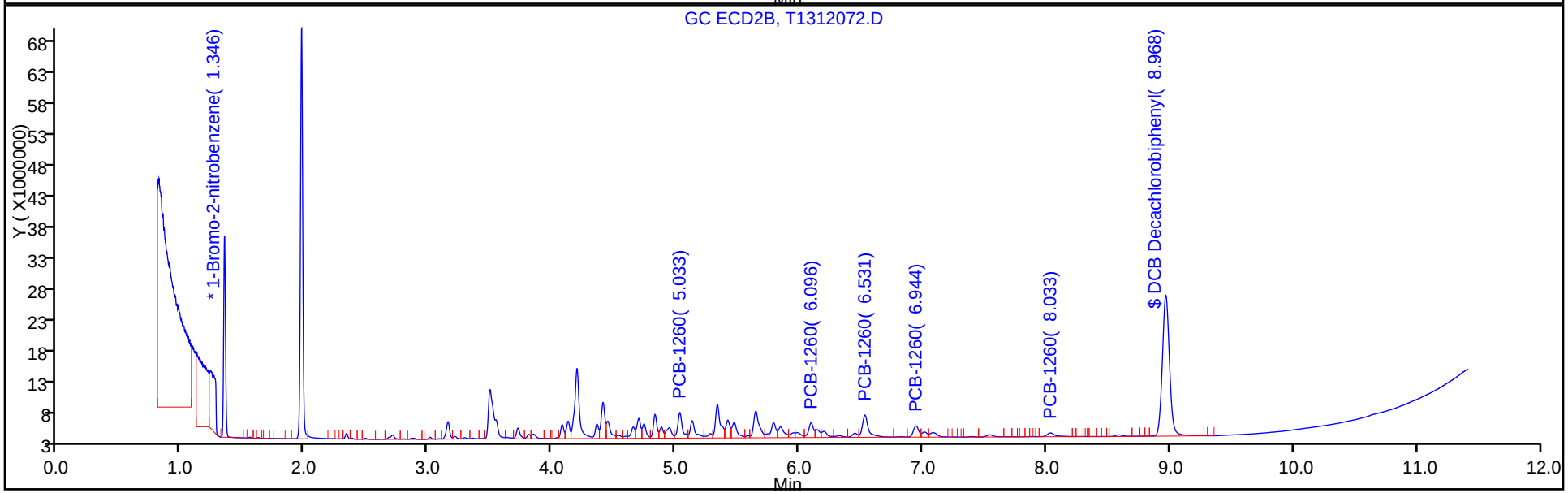
Report Date: 12-Nov-2015 12:18:26 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312072.D

Injection Date:	11-Nov-2015 16:14:19	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-F-2-B	Lab Sample ID:	460-104194-2	Worklist Smp#:	7
Client ID:	PRA-25S-3.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





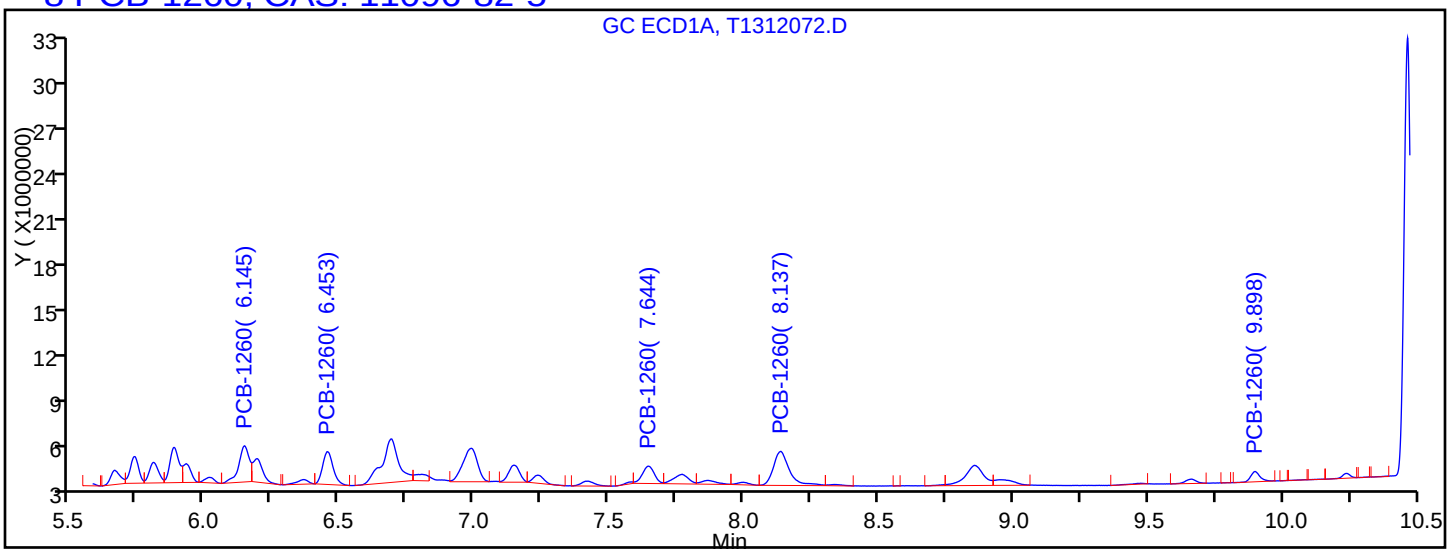
Report Date: 12-Nov-2015 12:18:26 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312072.D

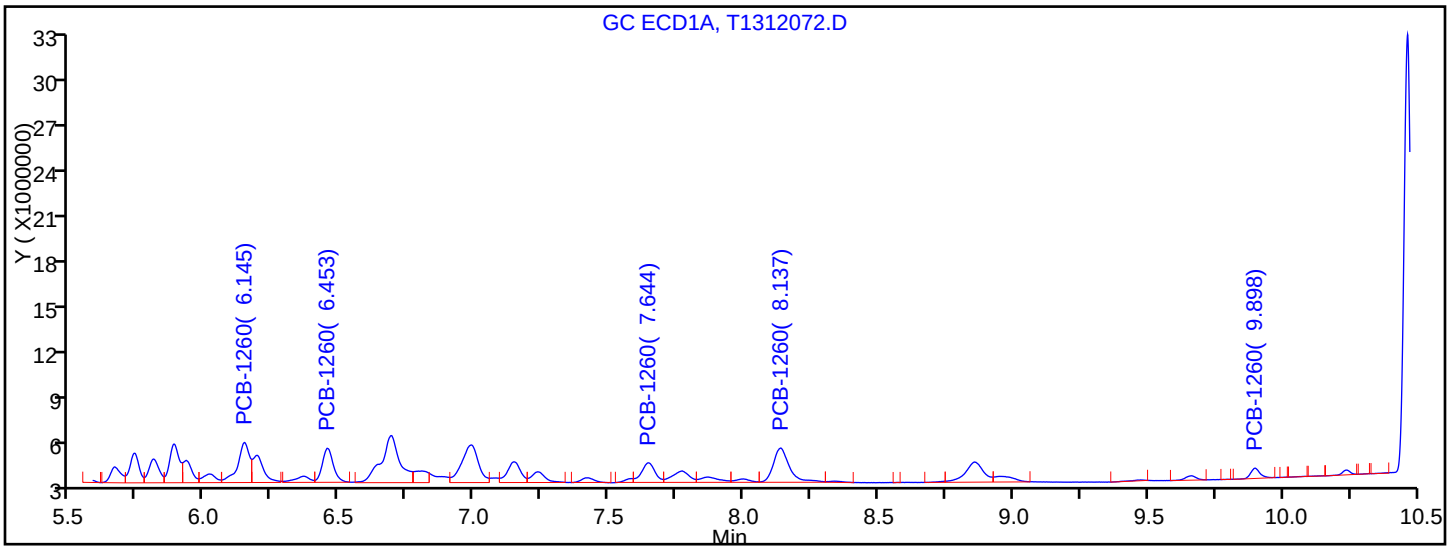
Injection Date:	11-Nov-2015 16:14:19	Instrument ID:	CPESTGC11		
Lims ID:	460-104194-F-2-B	Lab Sample ID:	460-104194-2		
Client ID:	PRA-25S-3.75				
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 6.145	Response = 6333647	M
RT = 6.453	Response = 5747412	M
RT = 7.644	Response = 3446959	M
RT = 8.137	Response = 9015621	M
RT = 9.898	Response = 1596411	



Manual Integration Results

RT = 6.145	Response = 7822160	M
RT = 6.453	Response = 6220661	M
RT = 7.644	Response = 4430974	M
RT = 8.137	Response = 9138961	M
RT = 9.898	Response = 1596411	

Reviewer: patelji, 11-Nov-2015 16:38:06

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S-3.75 | Lab Sample ID: 460-104194-2

Matrix: Solid | Lab File ID: T1312072.D

Analysis Method: 8082A | Date Collected: 11/06/2015 12:47

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0080(g) | Date Analyzed: 11/11/2015 16:14

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	9.4	U	71	9.4
11104-28-2	Aroclor 1221	9.4	U	71	9.4
11141-16-5	Aroclor 1232	9.4	U	71	9.4
53469-21-9	Aroclor 1242	9.4	U	71	9.4
12672-29-6	Aroclor 1248	9.4	U	71	9.4
11097-69-1	Aroclor 1254	9.7	U	71	9.7
37324-23-5	Aroclor 1262	9.7	U	71	9.7
11100-14-4	Aroclor 1268	9.7	U	71	9.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	116		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312072.D
Lims ID: 460-104194-F-2-B Lab Sample ID: 460-104194-2
Client ID: PRA-25S-3.75
Sample Type: Client
Inject. Date: 11-Nov-2015 16:14:19 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:17:44 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 11-Nov-2015 16:38:06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	27218414	20.0	
2	1.346	1.339	0.007	34092091	20.0	
					RPD = 0.00	
8 PCB-1260						M
1	6.145	6.152	-0.007	7822160	120.7	M
1	6.453	6.459	-0.006	6220661	87.4	M
1	7.644	7.654	-0.010	4430974	84.8	M
1	8.137	8.146	-0.009	9138961	78.6	M
1	9.898	9.904	-0.006	1596411	54.8	
		Average of Peak Amounts =			85.2	
2	5.033	5.027	0.006	10751451	132.5	M
2	6.096	6.090	0.006	6710414	86.0	M
2	6.531	6.525	0.006	12491412	74.5	M
2	6.944	6.937	0.007	5690382	59.9	
2	8.033	8.026	0.007	2854157	63.6	
		Average of Peak Amounts =			83.3	
					RPD = 2.30	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						M
1	10.465	10.471	-0.006	49874128	55.4	
2	8.968	8.963	0.005	92492200	57.9	M
					RPD = 4.38	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

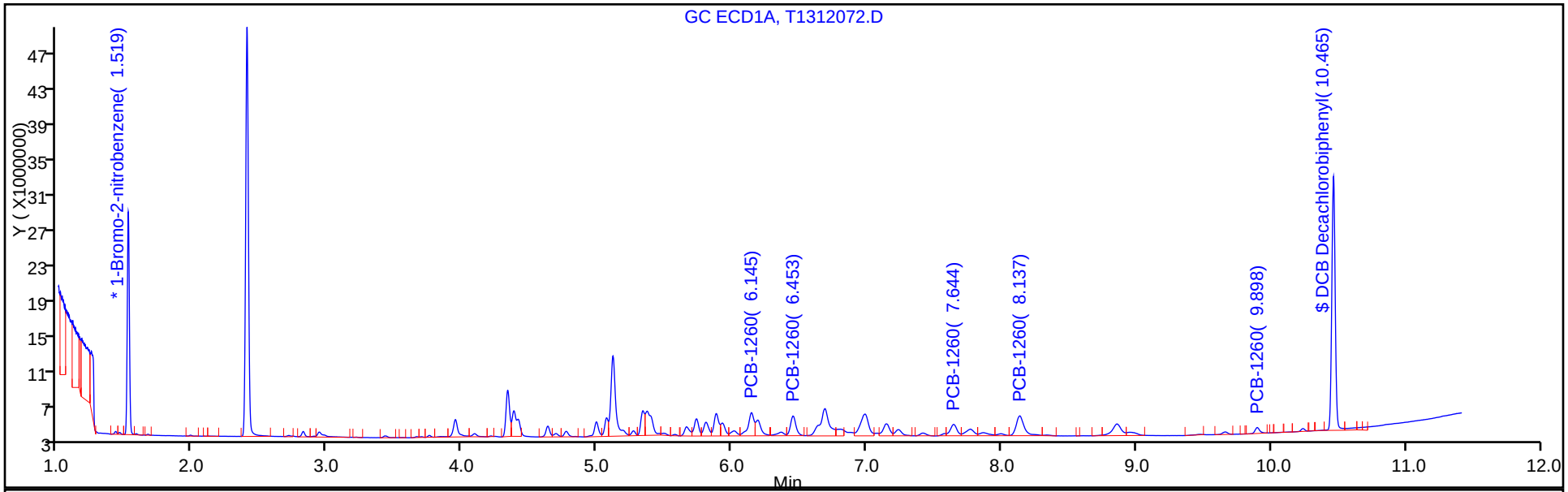
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

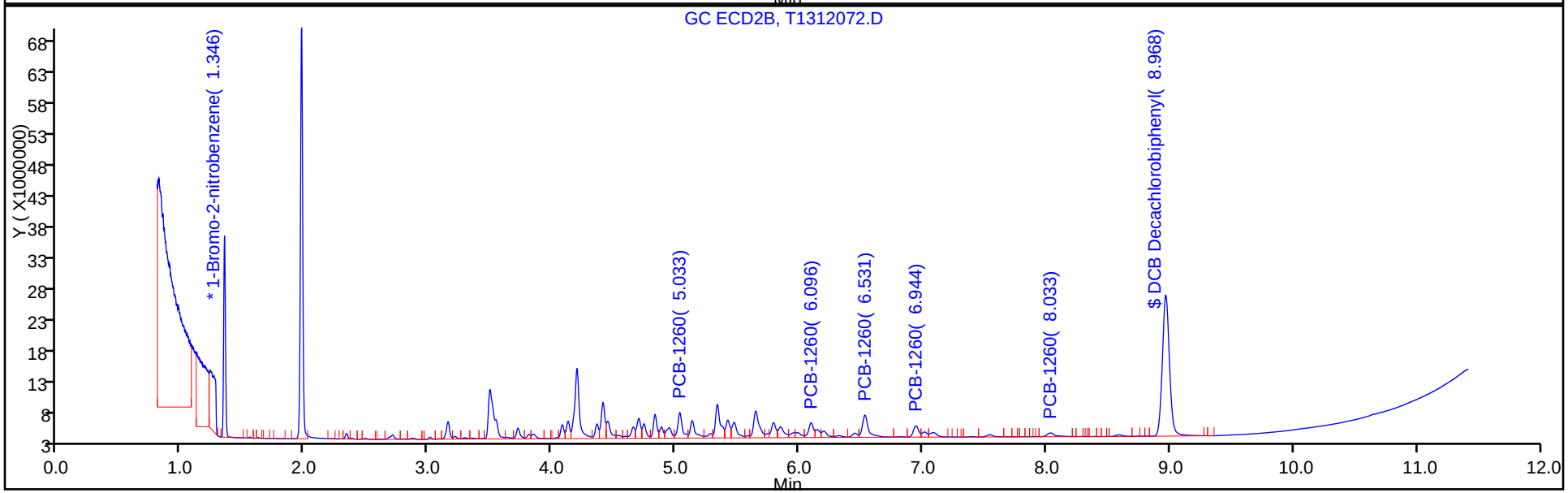
Report Date: 12-Nov-2015 12:18:27 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312072.D

Injection Date:	11-Nov-2015 16:14:19	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-F-2-B	Lab Sample ID:	460-104194-2	Worklist Smp#:	7
Client ID:	PRA-25S-3.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

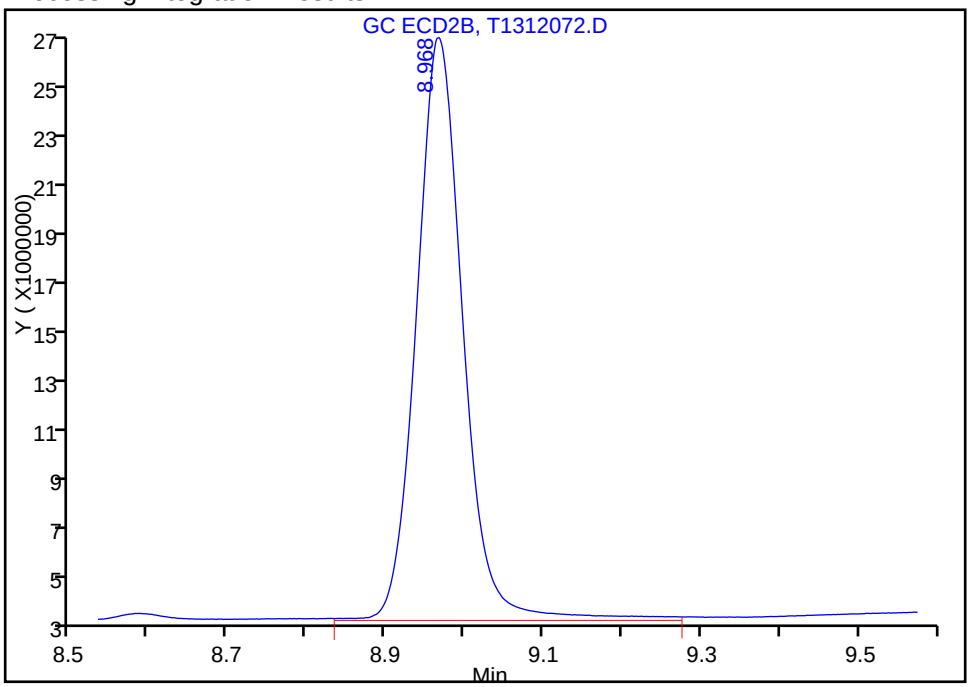
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312072.D				
Injection Date:	11-Nov-2015 16:14:19	Instrument ID:	CPESTGC11		
Lims ID:	460-104194-F-2-B	Lab Sample ID:	460-104194-2		
Client ID:	PRA-25S-3.75				
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

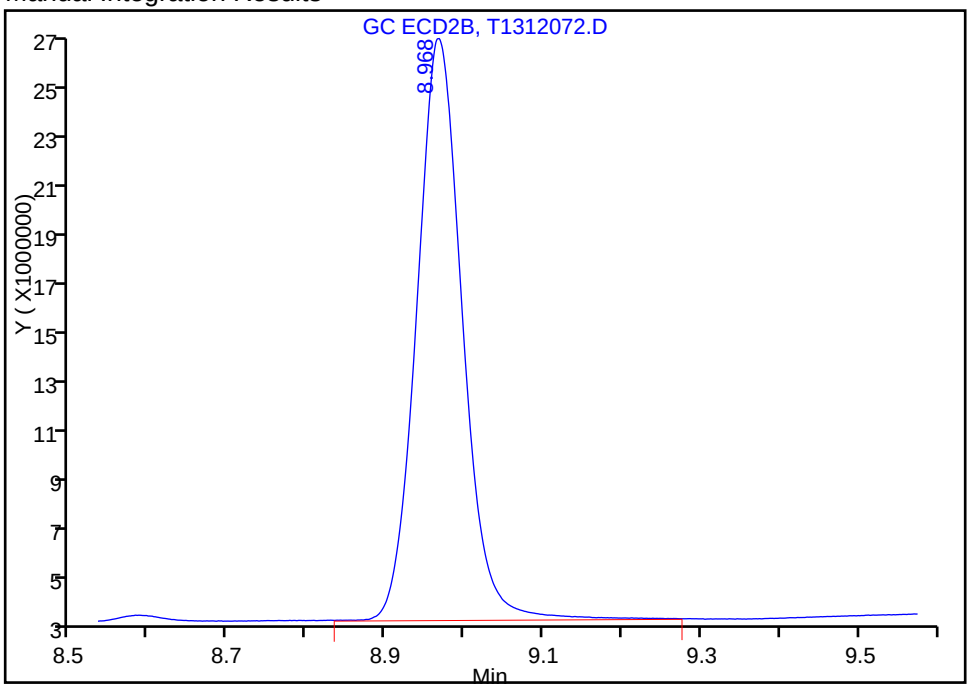
Processing Integration Results

RT: 8.97
Area: 94569336
Amount: 59.155003
Amount Units: ug/l



Manual Integration Results

RT: 8.97
Area: 92492200
Amount: 57.855713
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 16:38:06
Audit Action: Assigned New Baseline
Audit Reason: Sample matrix interference

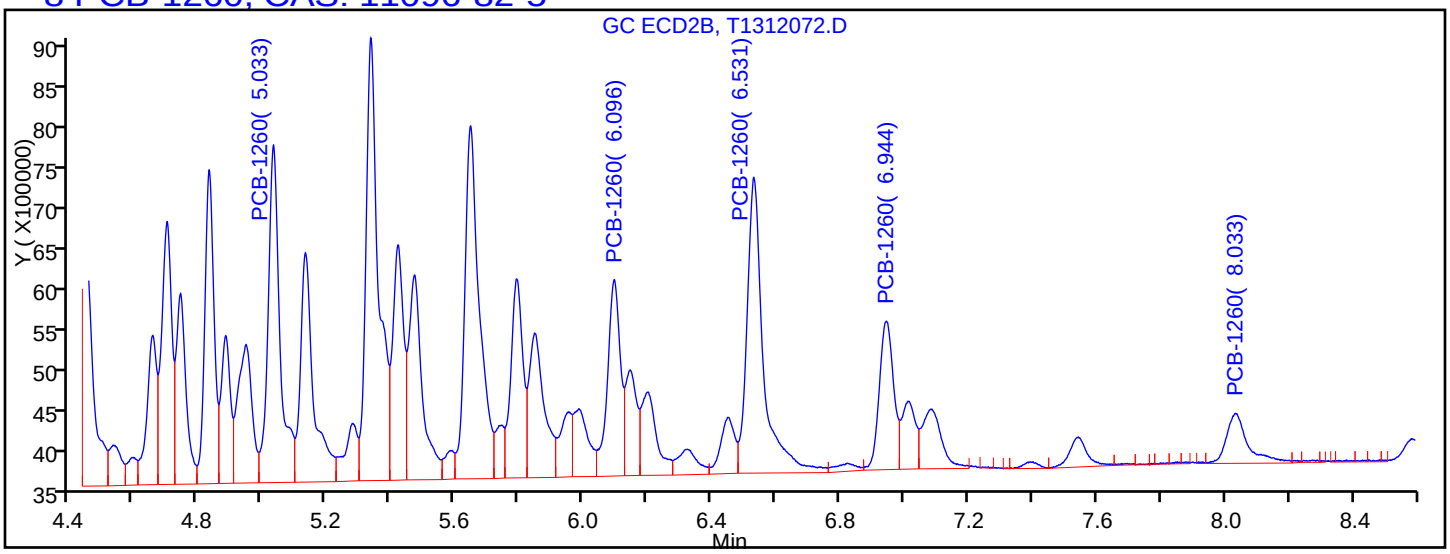
Report Date: 12-Nov-2015 12:18:28 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312072.D

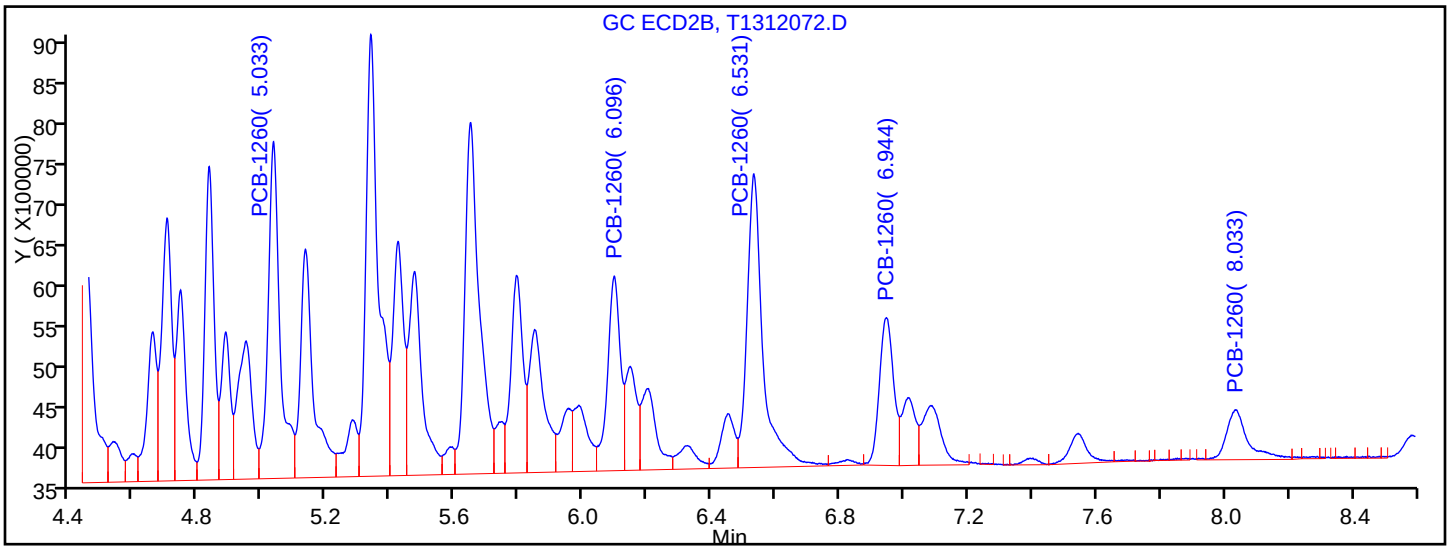
Injection Date:	11-Nov-2015 16:14:19	Instrument ID:	CPESTGC11		
Lims ID:	460-104194-F-2-B	Lab Sample ID:	460-104194-2		
Client ID:	PRA-25S-3.75				
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.033	Response = 10789551	M
RT = 6.096	Response = 6819265	M
RT = 6.531	Response = 12994365	M
RT = 6.944	Response = 5690382	
RT = 8.033	Response = 2854157	



Manual Integration Results

RT = 5.033	Response = 10751451	M
RT = 6.096	Response = 6710414	M
RT = 6.531	Response = 12491412	M
RT = 6.944	Response = 5690382	
RT = 8.033	Response = 2854157	

Reviewer: patelji, 11-Nov-2015 16:38:06

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S 8.25 | Lab Sample ID: 460-104194-3

Matrix: Solid | Lab File ID: T1312073.D

Analysis Method: 8082A | Date Collected: 11/06/2015 12:49

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0093(g) | Date Analyzed: 11/11/2015 16:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	360		70	9.3
11096-82-5	Aroclor 1260	63	J	70	9.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	107		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312073.D
Lims ID: 460-104194-F-3-B Lab Sample ID: 460-104194-3
Client ID: PRA-25S 8.25
Sample Type: Client
Inject. Date: 11-Nov-2015 16:28:55 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-008
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:17:44 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 11-Nov-2015 16:11:32

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	28800327	20.0	
2	1.345	1.339	0.006	36351416	20.0	
					RPD = 0.00	
6 PCB-1248						M
1	3.435	3.426	0.009	1500992	74.0	
1	3.942	3.941	0.001	29918339	616.6	
1	4.336	4.338	-0.002	17806915	615.8	
1	5.070	5.071	-0.001	23351825	536.2	M
1	5.116	5.117	-0.001	34754348	722.8	M
		Average of Peak Amounts =			513.1	
2	2.685	2.678	0.007	3317497	118.8	
2	3.152	3.151	0.001	40120505	573.8	M
2	3.722	3.724	-0.002	38135457	545.3	M
2	4.197	4.177	0.020	71943612	616.7	M
2	4.408	4.410	-0.002	24575784	481.2	M
		Average of Peak Amounts =			467.2	
					RPD = 9.37	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						M
1	6.145	6.152	-0.007	7711298	112.4	M
1	6.454	6.459	-0.005	6643328	88.2	M
1	7.646	7.654	-0.008	5344491	96.6	M
1	8.137	8.146	-0.009	9925536	80.7	M
1	9.900	9.904	-0.004	2316062	75.1	
		Average of Peak Amounts =			90.6	
2	5.033	5.027	0.006	8141956	94.1	M
2	6.096	6.090	0.006	6540486	78.6	
2	6.531	6.525	0.006	13627810	76.2	
2	6.945	6.937	0.008	6988898	69.0	
2	8.032	8.026	0.006	3555543	74.4	
		Average of Peak Amounts =			78.5	
					RPD = 14.38	
$ 11 DCB Decachlorobiphenyl						
1	10.464	10.471	-0.007	50892122	53.4	
2	8.968	8.963	0.005	93159288	54.7	
					RPD = 2.31	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

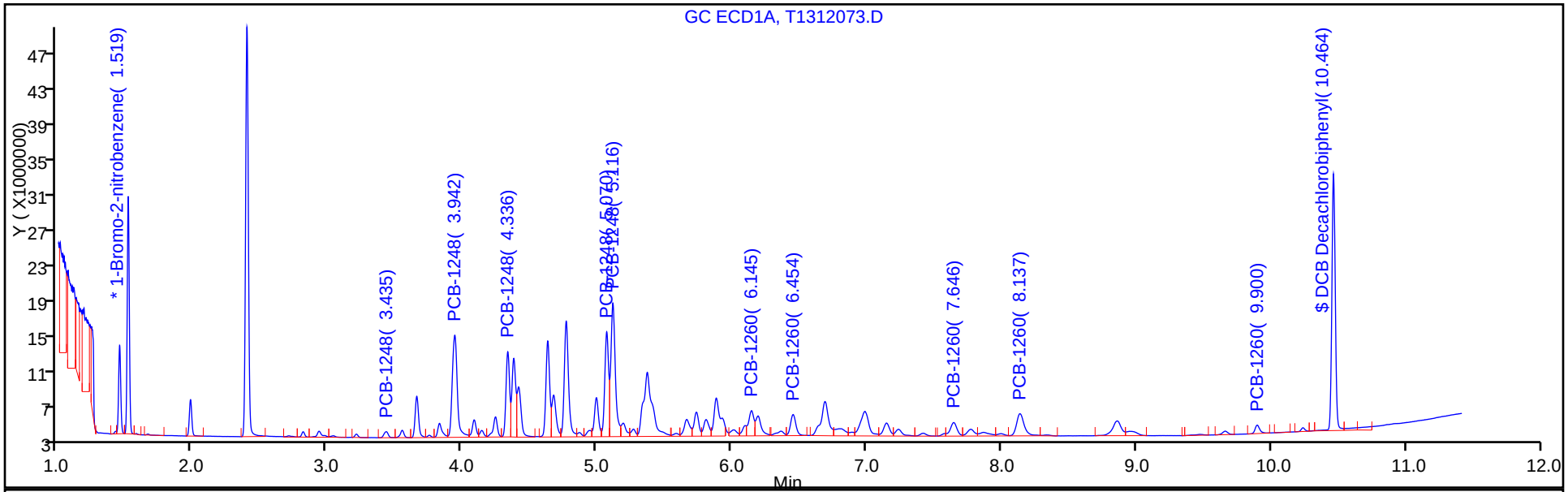
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

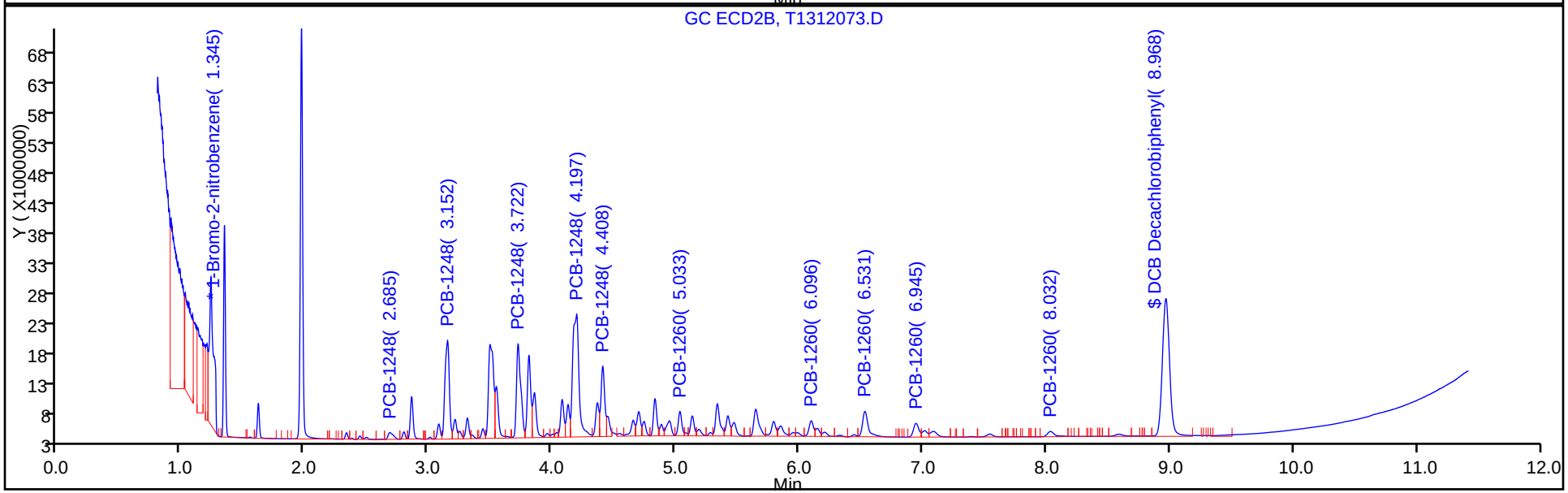
Report Date: 12-Nov-2015 12:18:33 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312073.D

Injection Date:	11-Nov-2015 16:28:55	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-F-3-B	Lab Sample ID:	460-104194-3	Worklist Smp#:	8
Client ID:	PRA-25S 8.25				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





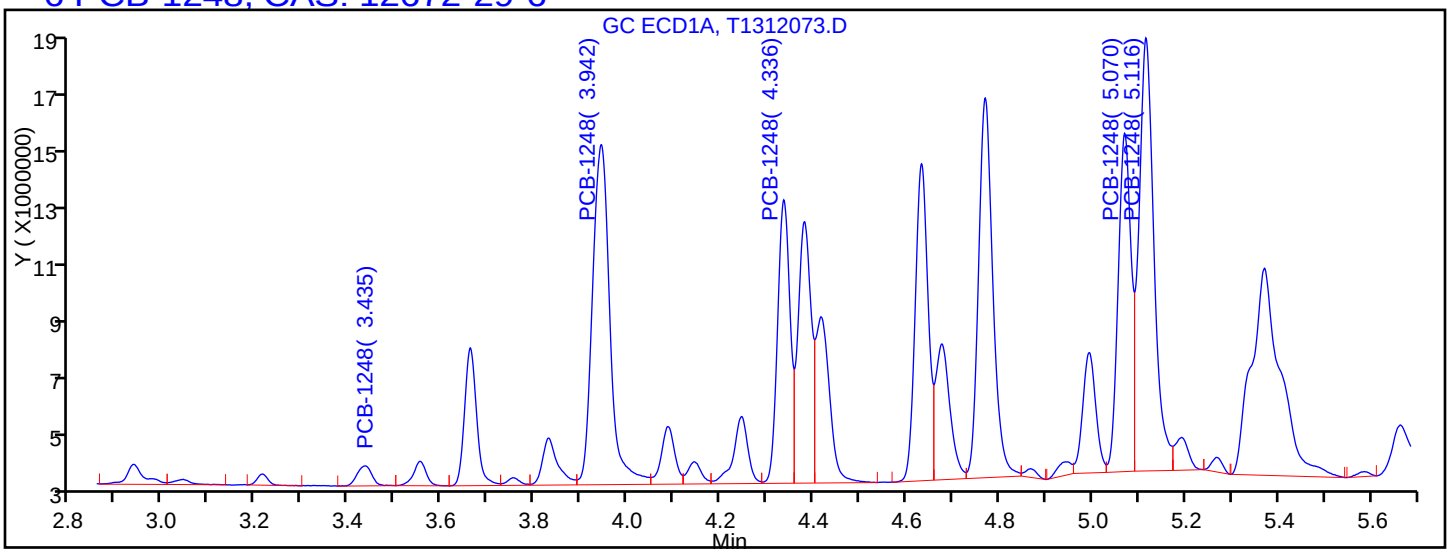
Report Date: 12-Nov-2015 12:18:39 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312073.D

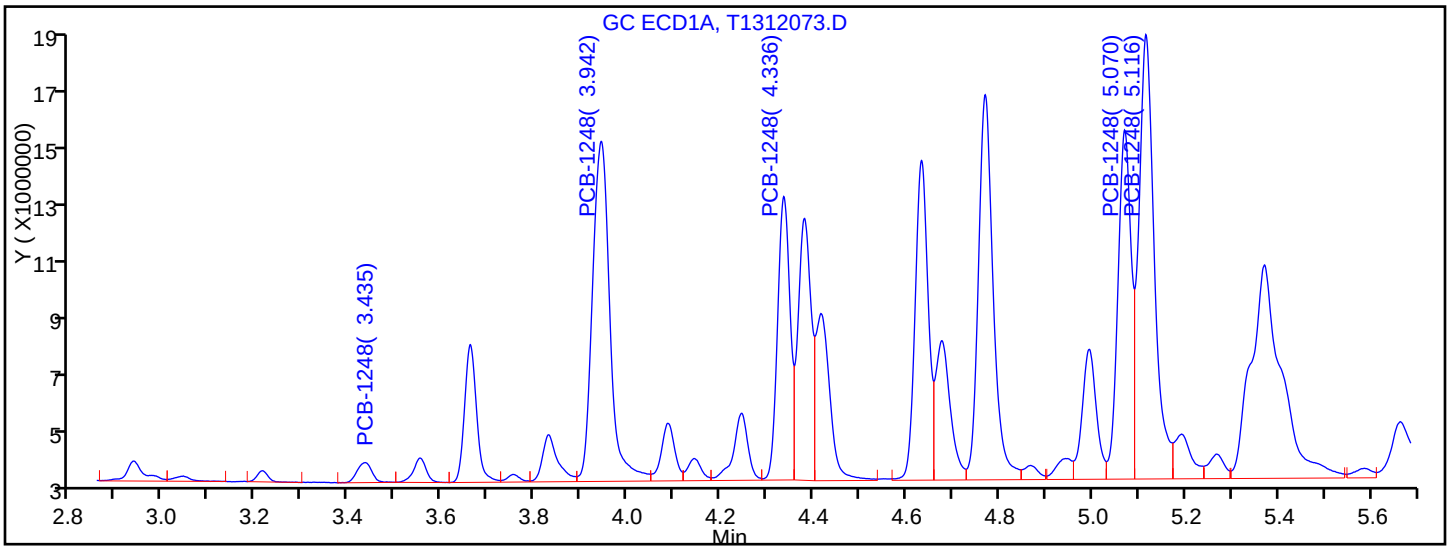
Injection Date:	11-Nov-2015 16:28:55	Instrument ID:	CPESTGC11		
Lims ID:	460-104194-F-3-B	Lab Sample ID:	460-104194-3		
Client ID:	PRA-25S 8.25				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

6 PCB-1248, CAS: 12672-29-6



Processing Integration Results

RT = 3.435	Response = 1500992	
RT = 3.942	Response = 29918339	
RT = 4.336	Response = 17806915	
RT = 5.070	Response = 22050500	M
RT = 5.116	Response = 32854714	M



Manual Integration Results

RT = 3.435	Response = 1500992	
RT = 3.942	Response = 29918339	
RT = 4.336	Response = 17806915	
RT = 5.070	Response = 23351825	M
RT = 5.116	Response = 34754348	M

Reviewer: patelji, 11-Nov-2015 16:37:06

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

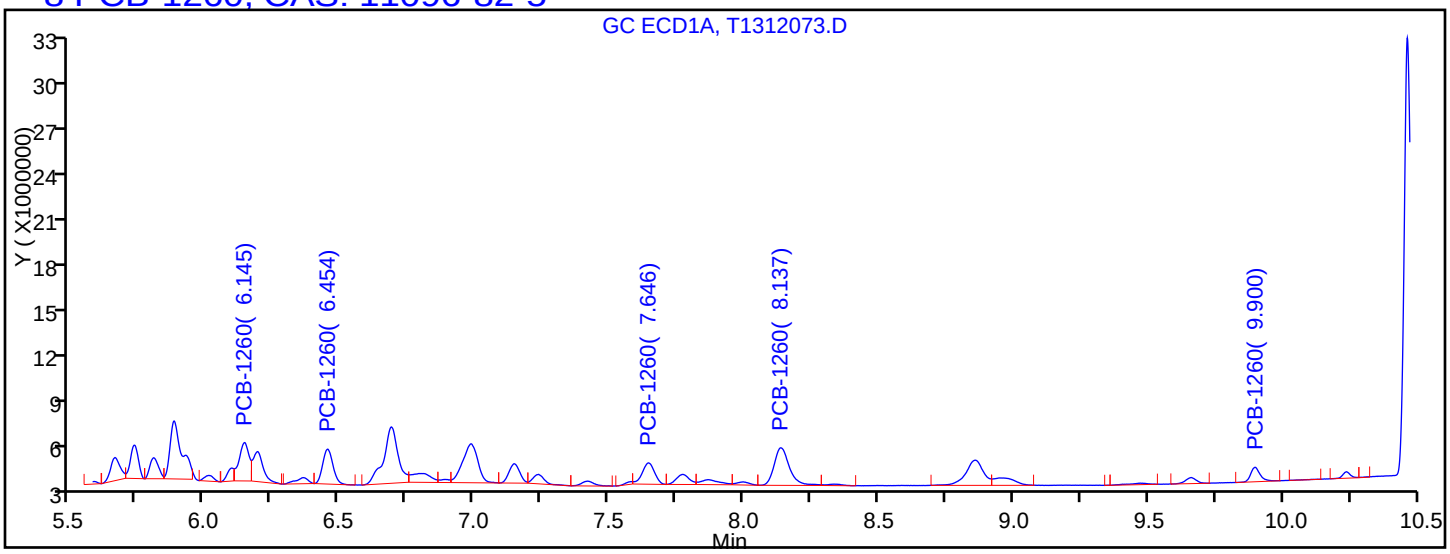
Report Date: 12-Nov-2015 12:18:40 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312073.D

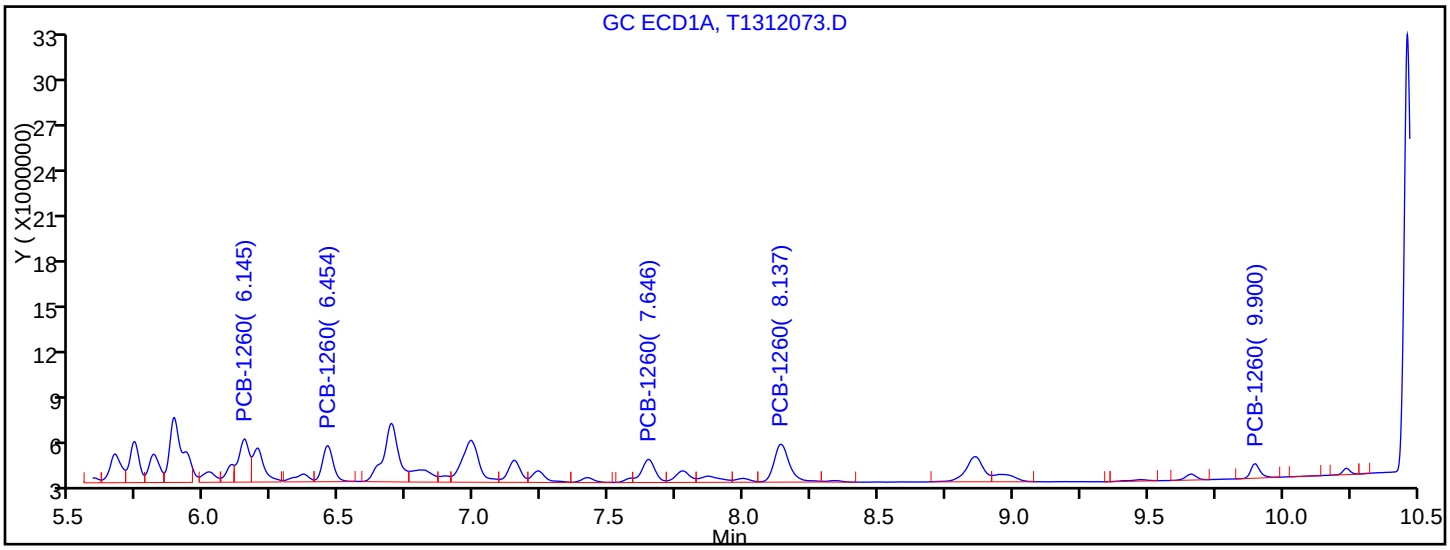
Injection Date:	11-Nov-2015 16:28:55	Instrument ID:	CPESTGC11		
Lims ID:	460-104194-F-3-B	Lab Sample ID:	460-104194-3		
Client ID:	PRA-25S 8.25				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 6.145	Response = 6515262	M
RT = 6.454	Response = 6079560	M
RT = 7.646	Response = 4438716	M
RT = 8.137	Response = 9677685	M
RT = 9.900	Response = 2316062	



Manual Integration Results

RT = 6.145	Response = 7711298	M
RT = 6.454	Response = 6643328	M
RT = 7.646	Response = 5344491	M
RT = 8.137	Response = 9925536	M
RT = 9.900	Response = 2316062	

Reviewer: patelji, 11-Nov-2015 16:37:06

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S 8.25 | Lab Sample ID: 460-104194-3

Matrix: Solid | Lab File ID: T1312073.D

Analysis Method: 8082A | Date Collected: 11/06/2015 12:49

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0093(g) | Date Analyzed: 11/11/2015 16:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	9.3	U	70	9.3
11104-28-2	Aroclor 1221	9.3	U	70	9.3
11141-16-5	Aroclor 1232	9.3	U	70	9.3
53469-21-9	Aroclor 1242	9.3	U	70	9.3
11097-69-1	Aroclor 1254	9.6	U	70	9.6
37324-23-5	Aroclor 1262	9.6	U	70	9.6
11100-14-4	Aroclor 1268	9.6	U	70	9.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312073.D
Lims ID: 460-104194-F-3-B Lab Sample ID: 460-104194-3
Client ID: PRA-25S 8.25
Sample Type: Client
Inject. Date: 11-Nov-2015 16:28:55 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-008
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:17:44 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 11-Nov-2015 16:11:32

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	28800327	20.0	
2	1.345	1.339	0.006	36351416	20.0	
					RPD = 0.00	
6 PCB-1248						M
1	3.435	3.426	0.009	1500992	74.0	
1	3.942	3.941	0.001	29918339	616.6	
1	4.336	4.338	-0.002	17806915	615.8	
1	5.070	5.071	-0.001	23351825	536.2	M
1	5.116	5.117	-0.001	34754348	722.8	M
		Average of Peak Amounts =			513.1	
2	2.685	2.678	0.007	3317497	118.8	
2	3.152	3.151	0.001	40120505	573.8	M
2	3.722	3.724	-0.002	38135457	545.3	M
2	4.197	4.177	0.020	71943612	616.7	M
2	4.408	4.410	-0.002	24575784	481.2	M
		Average of Peak Amounts =			467.2	
					RPD = 9.37	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						M
1	6.145	6.152	-0.007	7711298	112.4	M
1	6.454	6.459	-0.005	6643328	88.2	M
1	7.646	7.654	-0.008	5344491	96.6	M
1	8.137	8.146	-0.009	9925536	80.7	M
1	9.900	9.904	-0.004	2316062	75.1	
		Average of Peak Amounts =			90.6	
2	5.033	5.027	0.006	8141956	94.1	M
2	6.096	6.090	0.006	6540486	78.6	
2	6.531	6.525	0.006	13627810	76.2	
2	6.945	6.937	0.008	6988898	69.0	
2	8.032	8.026	0.006	3555543	74.4	
		Average of Peak Amounts =			78.5	
					RPD = 14.38	
$ 11 DCB Decachlorobiphenyl						
1	10.464	10.471	-0.007	50892122	53.4	
2	8.968	8.963	0.005	93159288	54.7	
					RPD = 2.31	

QC Flag Legend

Review Flags

M - Manually Integrated

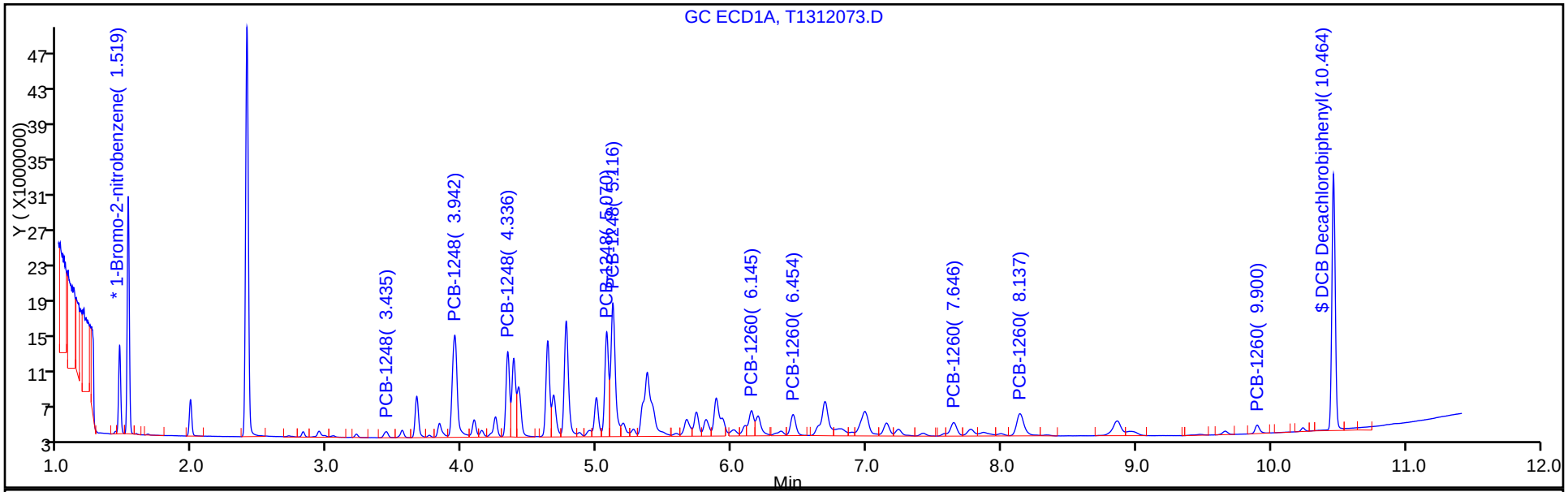
Reagents:

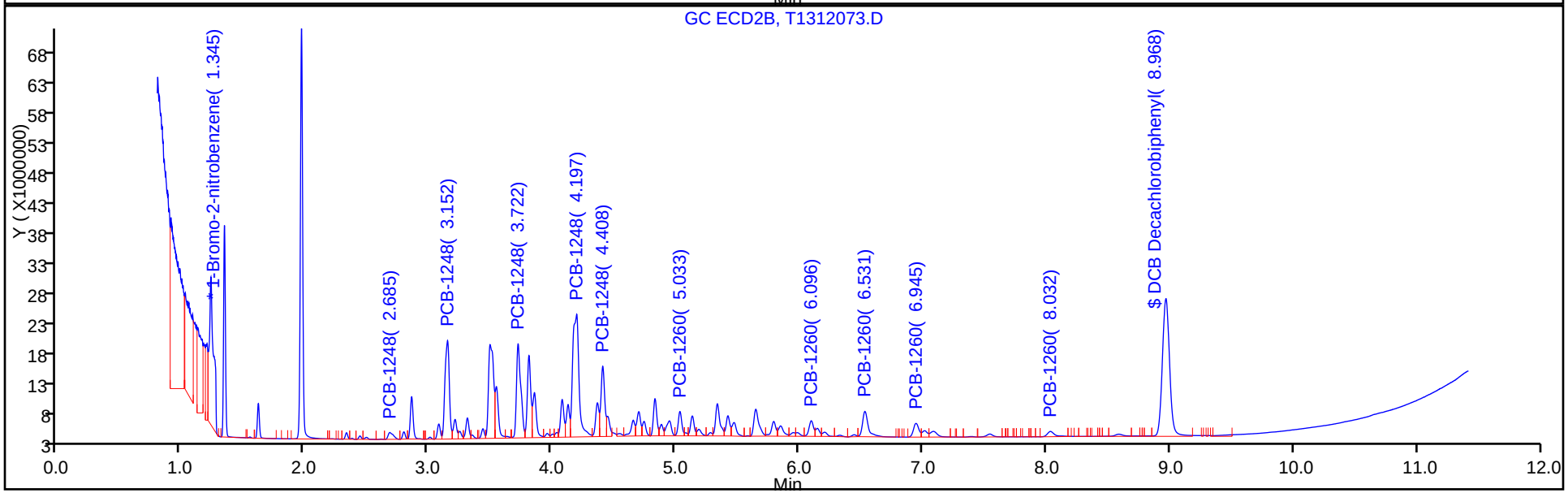
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 12-Nov-2015 12:18:41 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312073.D				
Injection Date:	11-Nov-2015 16:28:55	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-F-3-B	Lab Sample ID:	460-104194-3	Worklist Smp#:	8
Client ID:	PRA-25S 8.25				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





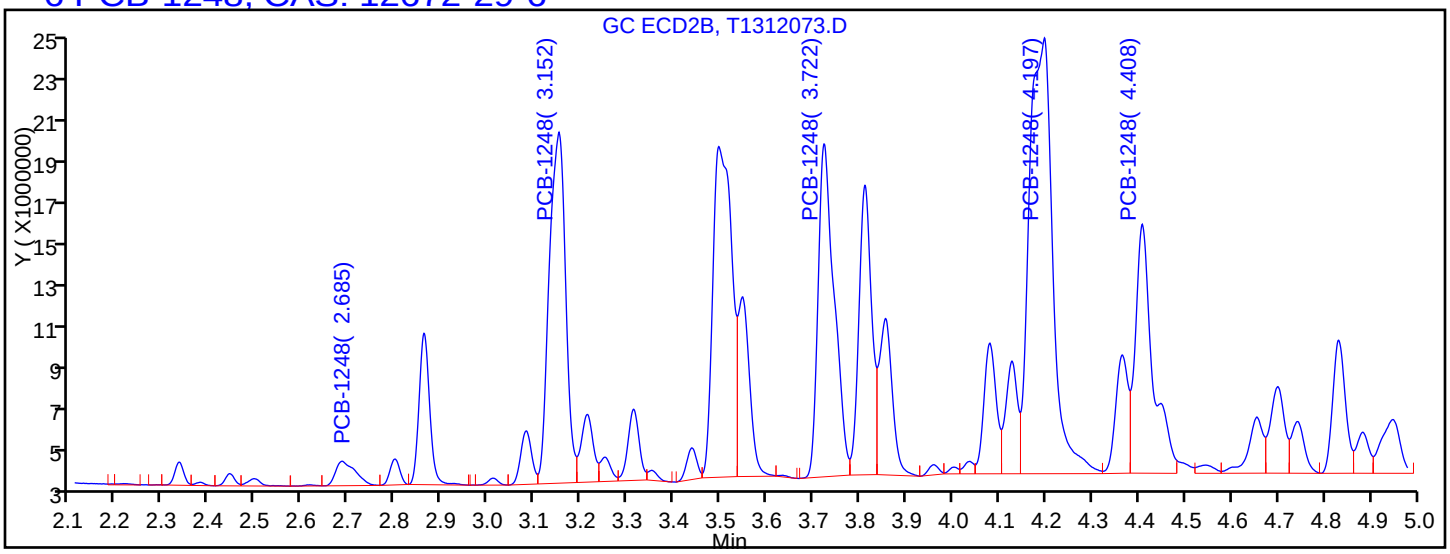
Report Date: 12-Nov-2015 12:18:42 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312073.D

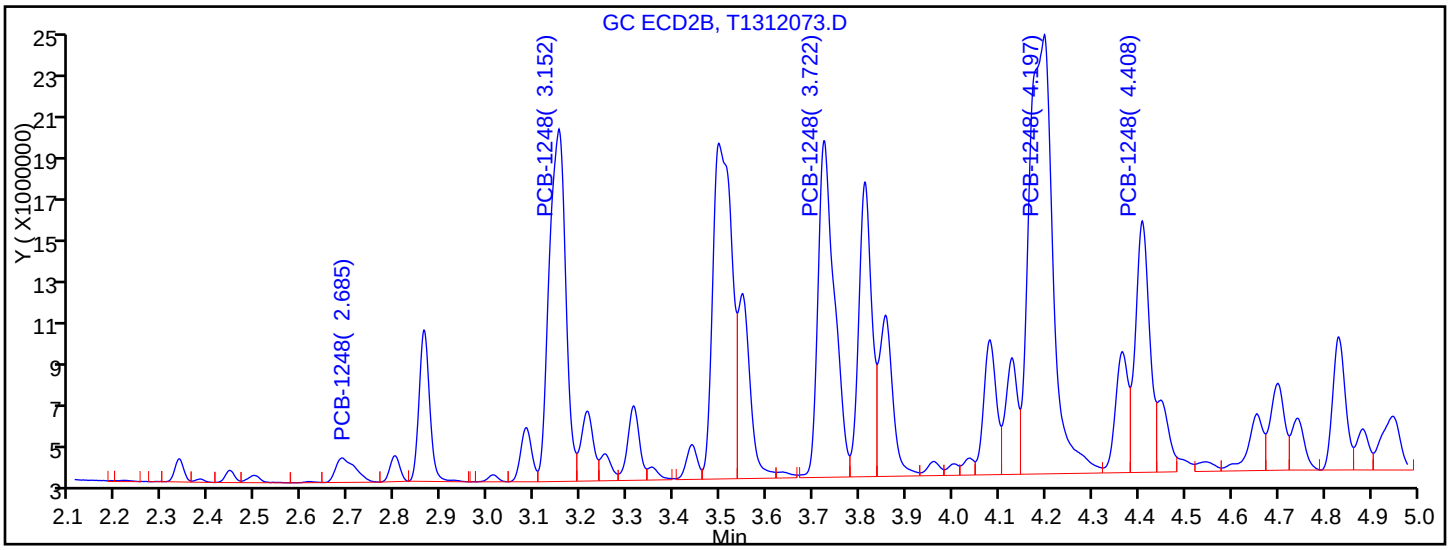
Injection Date:	11-Nov-2015 16:28:55	Instrument ID:	CPESTGC11		
Lims ID:	460-104194-F-3-B	Lab Sample ID:	460-104194-3		
Client ID:	PRA-25S 8.25				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

6 PCB-1248, CAS: 12672-29-6



Processing Integration Results

RT = 2.685	Response = 3317497	
RT = 3.152	Response = 39758190	M
RT = 3.722	Response = 36989471	M
RT = 4.197	Response = 70367493	M
RT = 4.408	Response = 29737727	M



Manual Integration Results

RT = 2.685	Response = 3317497	
RT = 3.152	Response = 40120505	M
RT = 3.722	Response = 38135457	M
RT = 4.197	Response = 71943612	M
RT = 4.408	Response = 24575784	M

Reviewer: patelji, 11-Nov-2015 16:37:06

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

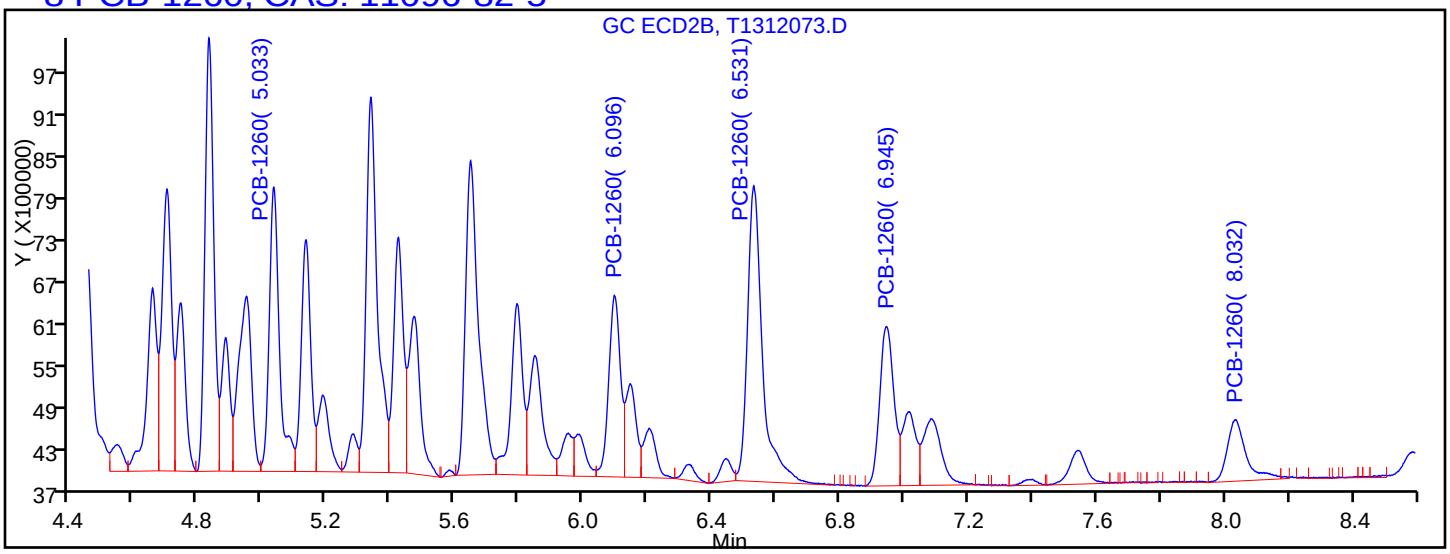
Report Date: 12-Nov-2015 12:18:42 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312073.D

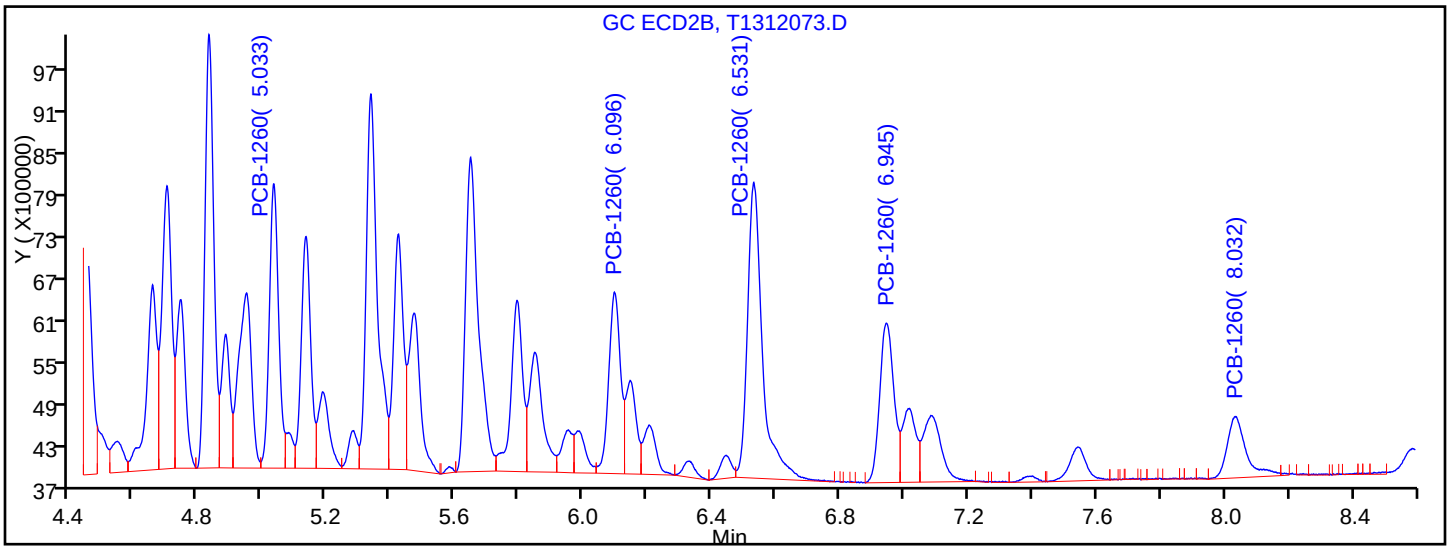
Injection Date:	11-Nov-2015 16:28:55	Instrument ID:	CPESTGC11		
Lims ID:	460-104194-F-3-B	Lab Sample ID:	460-104194-3		
Client ID:	PRA-25S 8.25				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.033	Response = 8961262	M
RT = 6.096	Response = 6540486	
RT = 6.531	Response = 13627810	
RT = 6.945	Response = 6988898	
RT = 8.032	Response = 3555543	



Manual Integration Results

RT = 5.033	Response = 8141956	M
RT = 6.096	Response = 6540486	
RT = 6.531	Response = 13627810	
RT = 6.945	Response = 6988898	
RT = 8.032	Response = 3555543	

Reviewer: patelji, 11-Nov-2015 16:37:06

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S 11.25 | Lab Sample ID: 460-104194-4

Matrix: Solid | Lab File ID: T1312074.D

Analysis Method: 8082A | Date Collected: 11/06/2015 12:51

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0067(g) | Date Analyzed: 11/11/2015 16:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312074.D
Lims ID: 460-104194-F-4-B Lab Sample ID: 460-104194-4
Client ID: PRA-25S 11.25
Sample Type: Client
Inject. Date: 11-Nov-2015 16:43:25 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-009
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:17:44 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 11-Nov-2015 16:34:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	29530759	20.0	
2	1.346	1.339	0.007	36778060	20.0	
				RPD =	0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.466	10.471	-0.005	50991574	52.2	
2	8.965	8.963	0.002	94861684	55.0	
				RPD =	5.26	

Reagents:

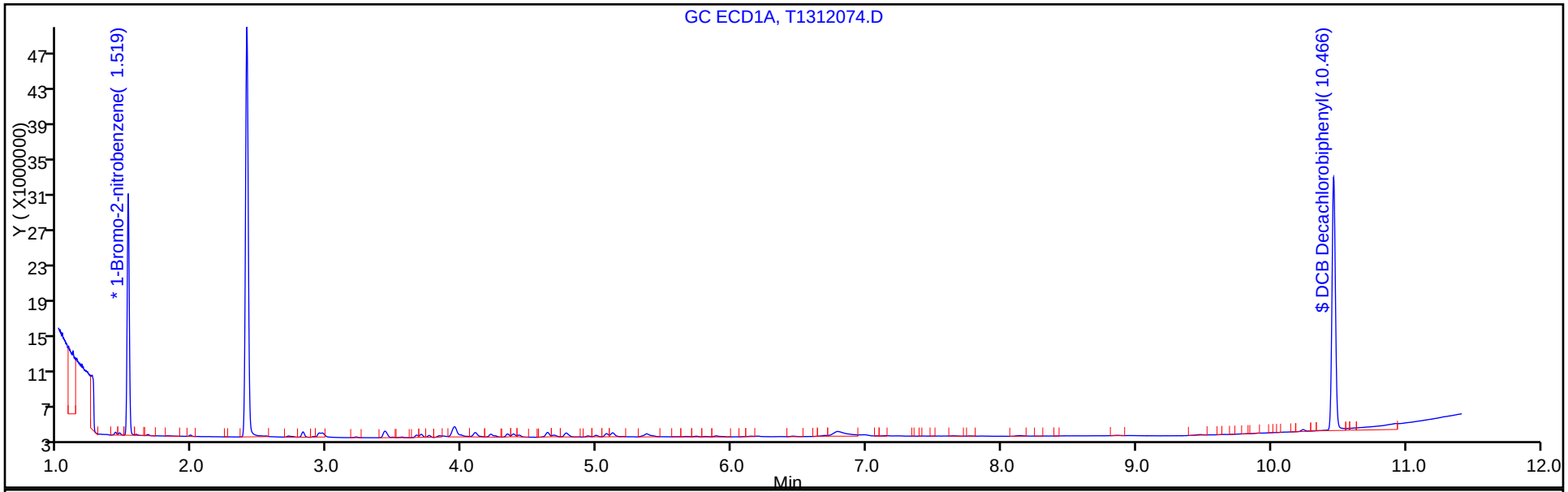
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

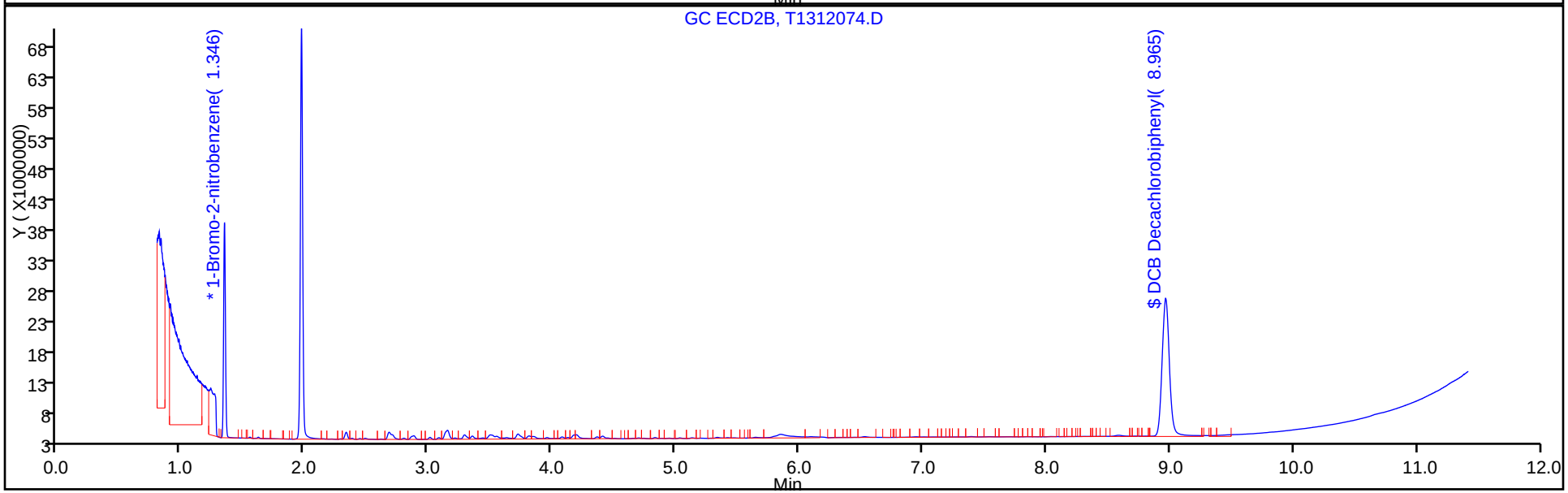
Report Date: 12-Nov-2015 12:18:46 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312074.D

Injection Date:	11-Nov-2015 16:43:25	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-F-4-B	Lab Sample ID:	460-104194-4	Worklist Smp#:	9
Client ID:	PRA-25S 11.25				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S 11.25 | Lab Sample ID: 460-104194-4

Matrix: Solid | Lab File ID: T1312074.D

Analysis Method: 8082A | Date Collected: 11/06/2015 12:51

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0067(g) | Date Analyzed: 11/11/2015 16:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	10	U	77	10
11104-28-2	Aroclor 1221	10	U	77	10
11141-16-5	Aroclor 1232	10	U	77	10
53469-21-9	Aroclor 1242	10	U	77	10
12672-29-6	Aroclor 1248	10	U	77	10
11097-69-1	Aroclor 1254	11	U	77	11
11096-82-5	Aroclor 1260	11	U	77	11
37324-23-5	Aroclor 1262	11	U	77	11
11100-14-4	Aroclor 1268	11	U	77	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312074.D
Lims ID: 460-104194-F-4-B Lab Sample ID: 460-104194-4
Client ID: PRA-25S 11.25
Sample Type: Client
Inject. Date: 11-Nov-2015 16:43:25 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-009
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:17:44 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 11-Nov-2015 16:34:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	29530759	20.0	
2	1.346	1.339	0.007	36778060	20.0	
				RPD =	0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.466	10.471	-0.005	50991574	52.2	
2	8.965	8.963	0.002	94861684	55.0	
				RPD =	5.26	

Reagents:

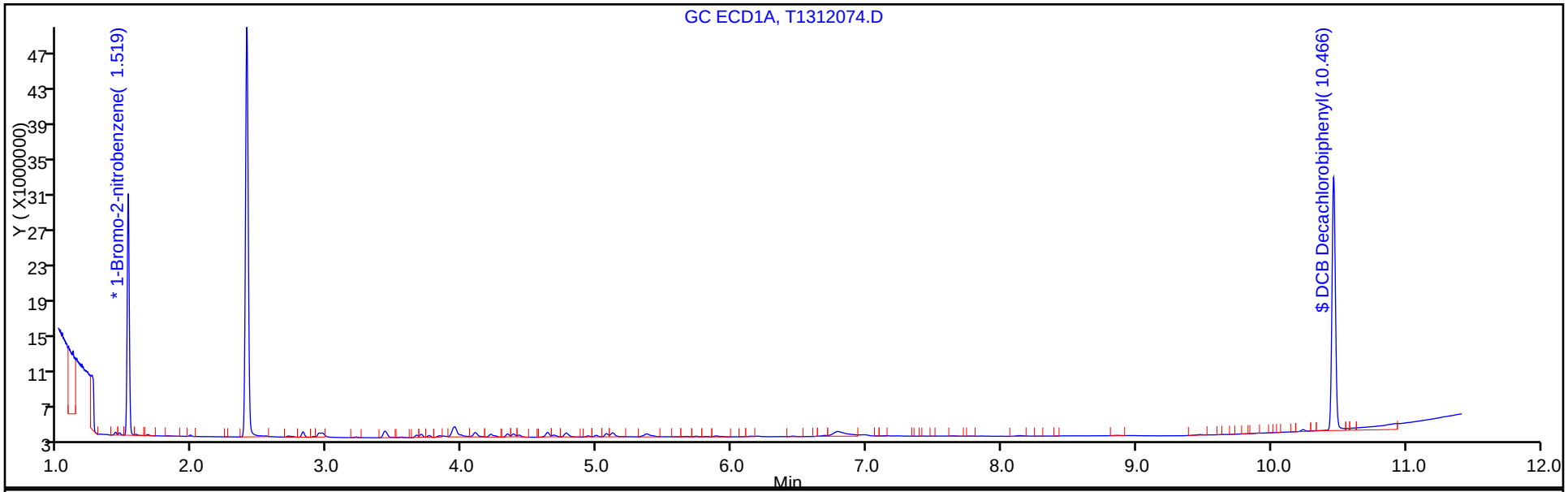
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

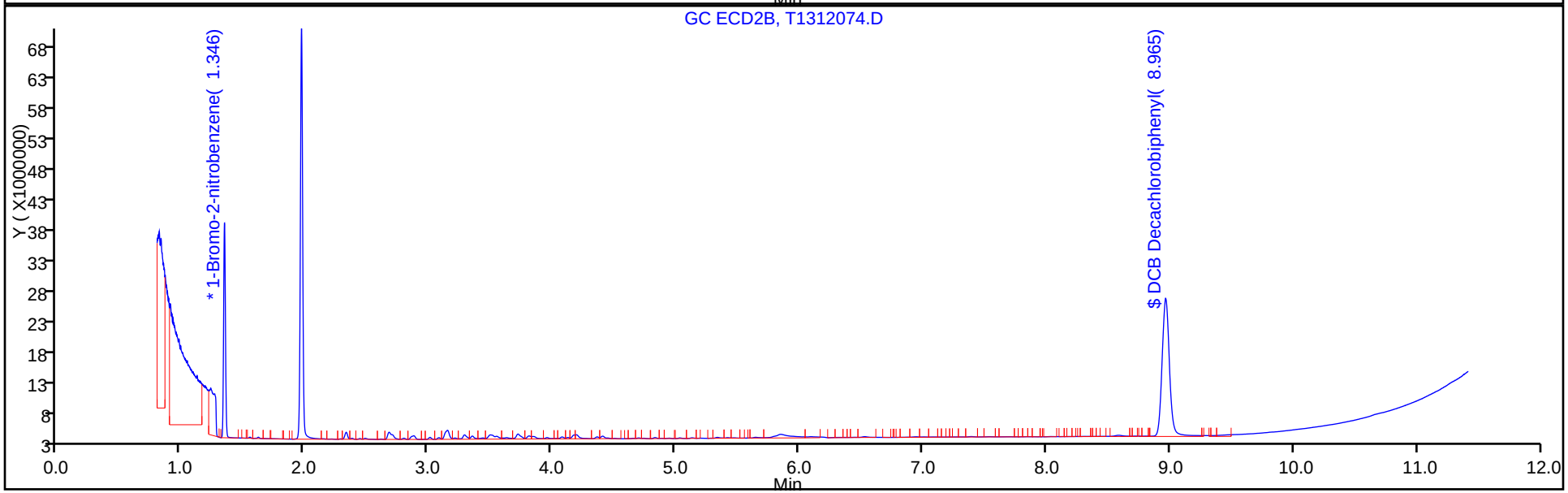
Report Date: 12-Nov-2015 12:18:48 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312074.D

Injection Date:	11-Nov-2015 16:43:25	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-F-4-B	Lab Sample ID:	460-104194-4	Worklist Smp#:	9
Client ID:	PRA-25S 11.25				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-23 NW | Lab Sample ID: 460-104194-5

Matrix: Solid | Lab File ID: T1312075.D

Analysis Method: 8082A | Date Collected: 11/06/2015 08:30

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0049(g) | Date Analyzed: 11/11/2015 16:58

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	114		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312075.D
Lims ID: 460-104194-F-5-B Lab Sample ID: 460-104194-5
Client ID: PRA-23 NW
Sample Type: Client
Inject. Date: 11-Nov-2015 16:58:01 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-010
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:17:44 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 11-Nov-2015 16:34:36

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	28340200	20.0	
2	1.345	1.339	0.006	35328319	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.465	10.471	-0.006	53292119	56.8	
2	8.967	8.963	0.004	98034448	59.2	
					RPD = 4.05	

Reagents:

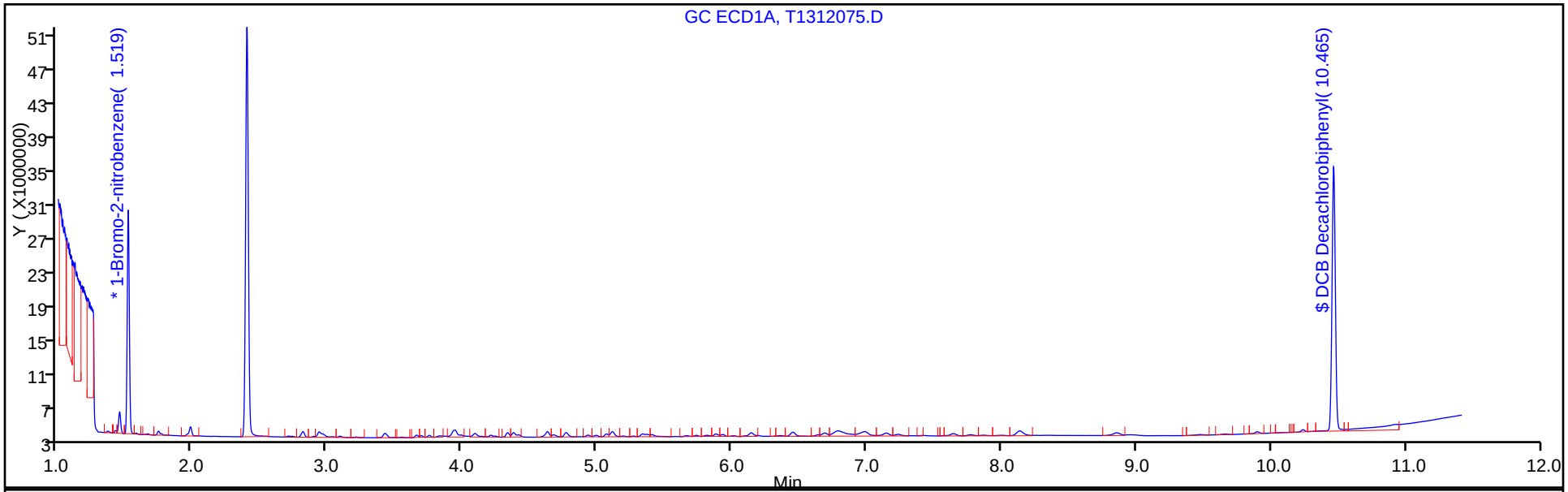
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

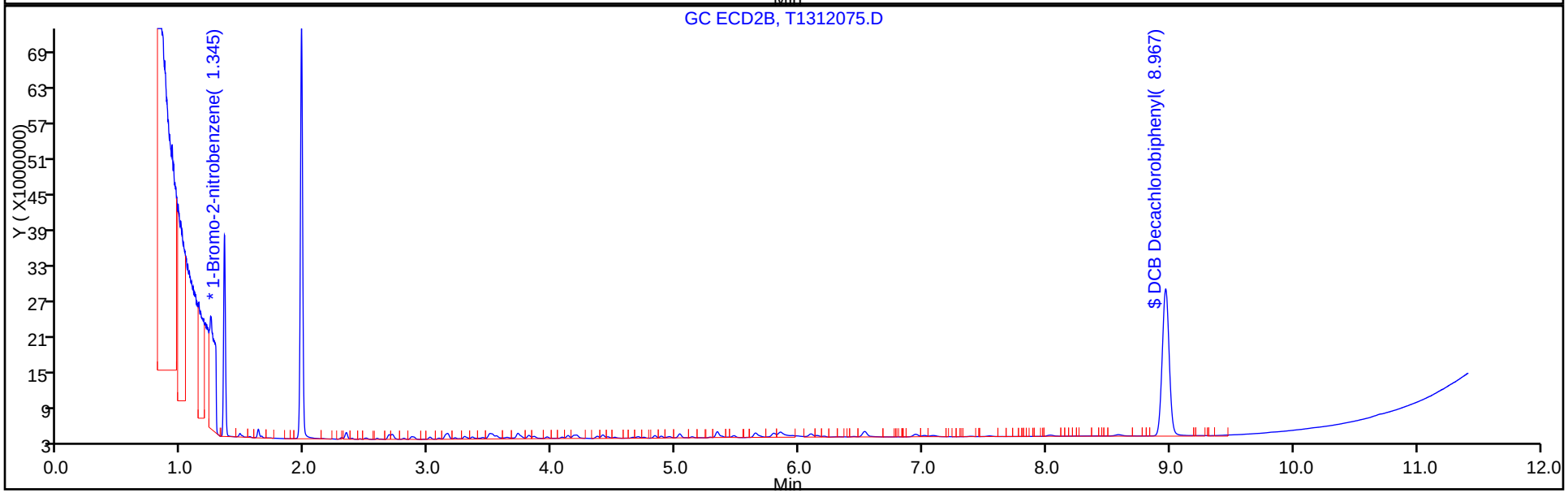
Report Date: 12-Nov-2015 12:18:58 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312075.D

Injection Date:	11-Nov-2015 16:58:01	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-F-5-B	Lab Sample ID:	460-104194-5	Worklist Smp#:	10
Client ID:	PRA-23 NW				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-23 NW | Lab Sample ID: 460-104194-5

Matrix: Solid | Lab File ID: T1312075.D

Analysis Method: 8082A | Date Collected: 11/06/2015 08:30

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0049(g) | Date Analyzed: 11/11/2015 16:58

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	9.8	U	74	9.8
11104-28-2	Aroclor 1221	9.8	U	74	9.8
11141-16-5	Aroclor 1232	9.8	U	74	9.8
53469-21-9	Aroclor 1242	9.8	U	74	9.8
12672-29-6	Aroclor 1248	9.8	U	74	9.8
11097-69-1	Aroclor 1254	10	U	74	10
11096-82-5	Aroclor 1260	10	U	74	10
37324-23-5	Aroclor 1262	10	U	74	10
11100-14-4	Aroclor 1268	10	U	74	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	118		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312075.D
Lims ID: 460-104194-F-5-B Lab Sample ID: 460-104194-5
Client ID: PRA-23 NW
Sample Type: Client
Inject. Date: 11-Nov-2015 16:58:01 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-010
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:17:44 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 11-Nov-2015 16:34:36

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	28340200	20.0	
2	1.345	1.339	0.006	35328319	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.465	10.471	-0.006	53292119	56.8	
2	8.967	8.963	0.004	98034448	59.2	
					RPD = 4.05	

Reagents:

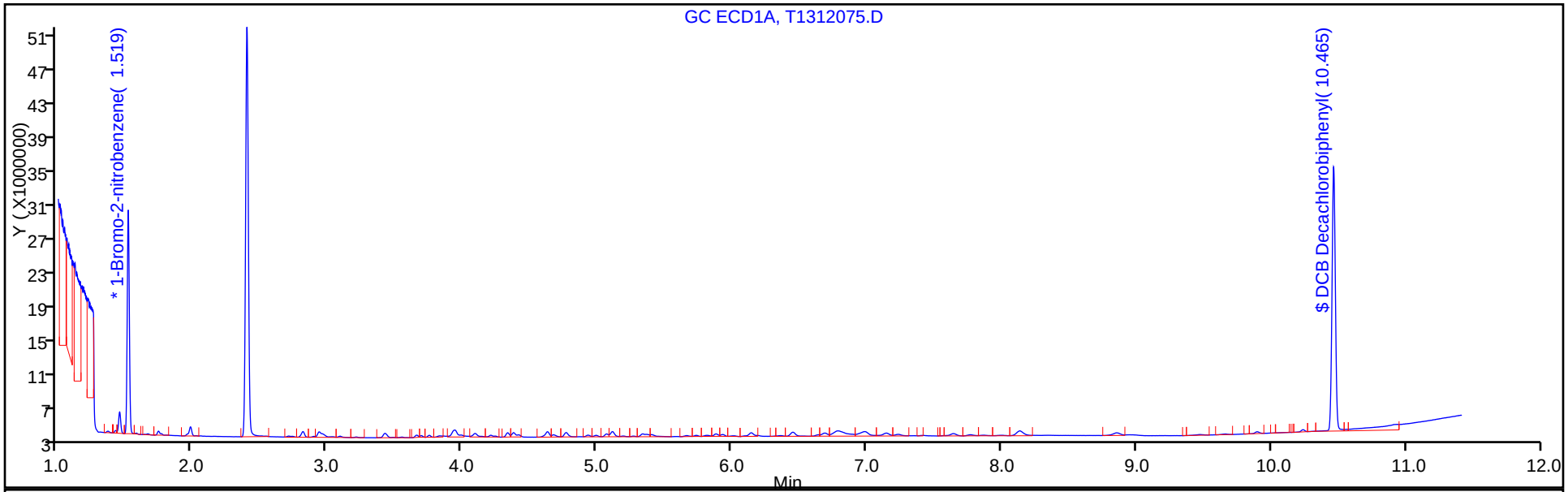
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

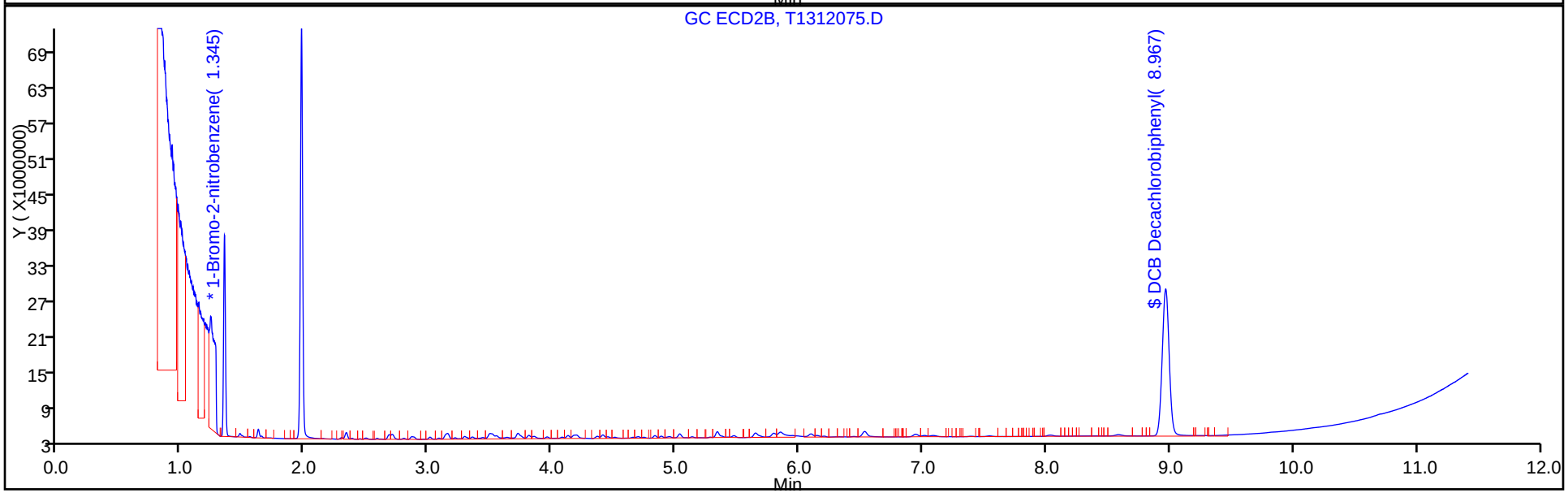
Report Date: 12-Nov-2015 12:19:00 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312075.D

Injection Date:	11-Nov-2015 16:58:01	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-F-5-B	Lab Sample ID:	460-104194-5	Worklist Smp#:	10
Client ID:	PRA-23 NW				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18 S | Lab Sample ID: 460-104194-6

Matrix: Solid | Lab File ID: T1312076.D

Analysis Method: 8082A | Date Collected: 11/06/2015 10:55

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0278(g) | Date Analyzed: 11/11/2015 17:12

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312076.D
Lims ID: 460-104194-F-6-B Lab Sample ID: 460-104194-6
Client ID: PRA-18 S
Sample Type: Client
Inject. Date: 11-Nov-2015 17:12:33 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-011
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:17:44 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 11-Nov-2015 16:34:28

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.518	1.521	-0.003	28703951	20.0	
2	1.345	1.339	0.006	35709085	20.0	
				RPD =	0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.464	10.471	-0.007	53423973	56.2	
2	8.966	8.963	0.003	97837683	58.4	
				RPD =	3.80	

Reagents:

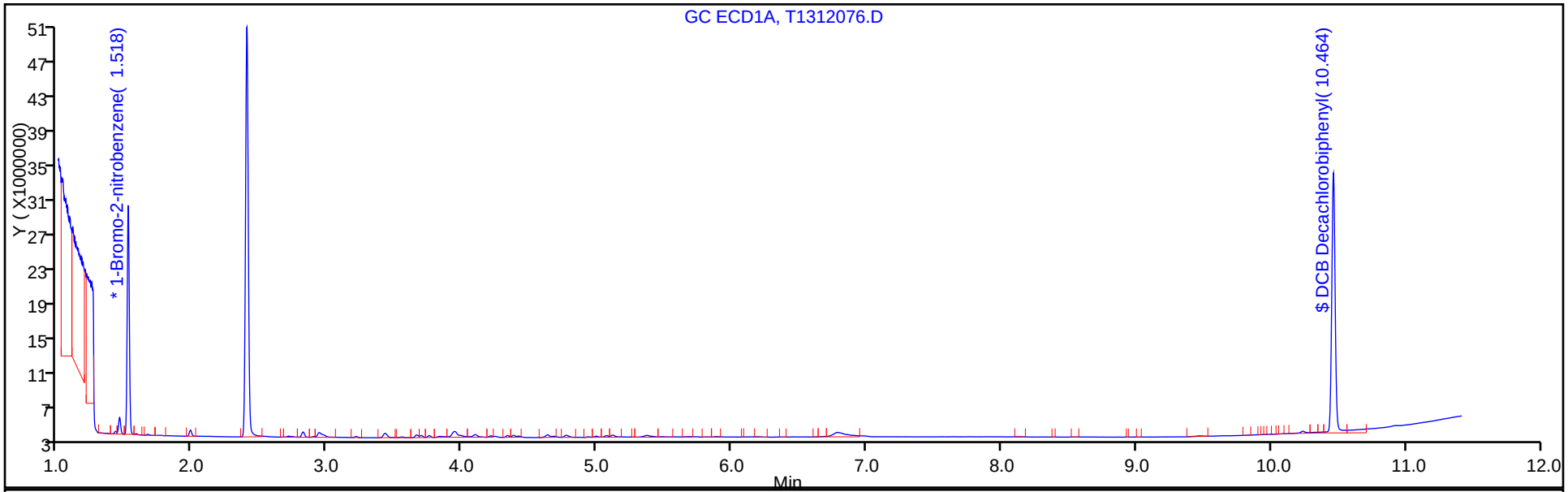
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

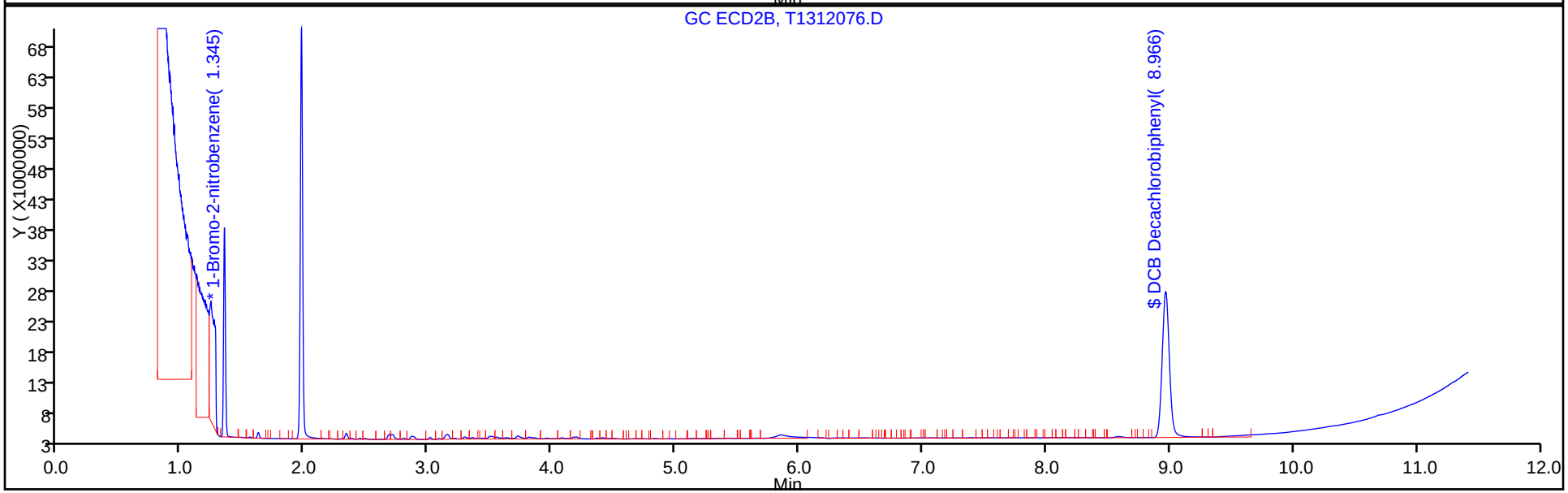
Report Date: 12-Nov-2015 12:19:06 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312076.D

Injection Date:	11-Nov-2015 17:12:33	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-F-6-B	Lab Sample ID:	460-104194-6	Worklist Smp#:	11
Client ID:	PRA-18 S				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18 S | Lab Sample ID: 460-104194-6

Matrix: Solid | Lab File ID: T1312076.D

Analysis Method: 8082A | Date Collected: 11/06/2015 10:55

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0278(g) | Date Analyzed: 11/11/2015 17:12

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	9.3	U	70	9.3
11104-28-2	Aroclor 1221	9.3	U	70	9.3
11141-16-5	Aroclor 1232	9.3	U	70	9.3
53469-21-9	Aroclor 1242	9.3	U	70	9.3
12672-29-6	Aroclor 1248	9.3	U	70	9.3
11097-69-1	Aroclor 1254	9.6	U	70	9.6
11096-82-5	Aroclor 1260	9.6	U	70	9.6
37324-23-5	Aroclor 1262	9.6	U	70	9.6
11100-14-4	Aroclor 1268	9.6	U	70	9.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	117		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312076.D
Lims ID: 460-104194-F-6-B Lab Sample ID: 460-104194-6
Client ID: PRA-18 S
Sample Type: Client
Inject. Date: 11-Nov-2015 17:12:33 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-011
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:17:44 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 11-Nov-2015 16:34:28

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.518	1.521	-0.003	28703951	20.0	
2	1.345	1.339	0.006	35709085	20.0	
				RPD =	0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.464	10.471	-0.007	53423973	56.2	
2	8.966	8.963	0.003	97837683	58.4	
				RPD =	3.80	

Reagents:

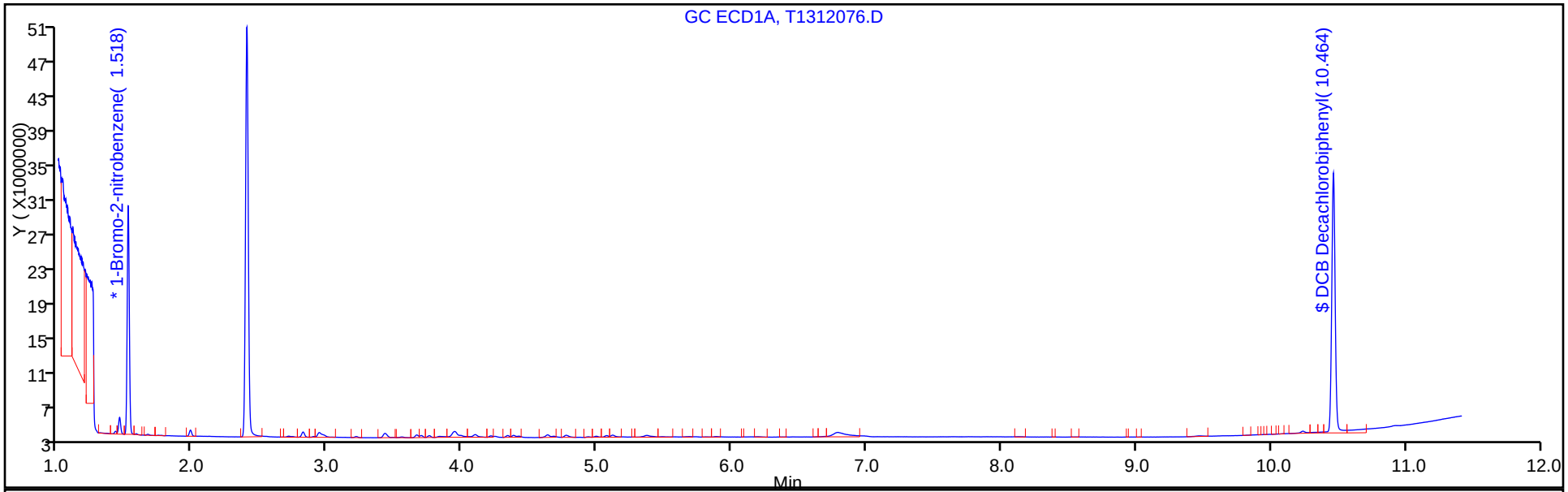
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

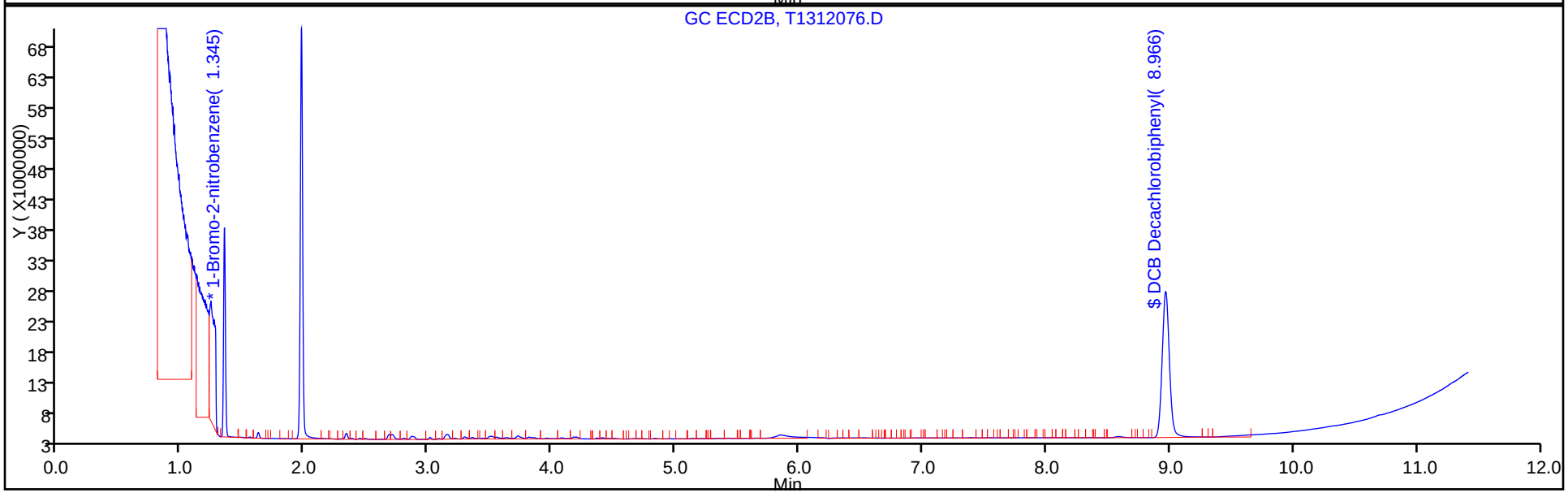
Report Date: 12-Nov-2015 12:19:08 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312076.D

Injection Date:	11-Nov-2015 17:12:33	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-F-6-B	Lab Sample ID:	460-104194-6	Worklist Smp#:	11
Client ID:	PRA-18 S				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-10 W | Lab Sample ID: 460-104194-7

Matrix: Solid | Lab File ID: T1312077.D

Analysis Method: 8082A | Date Collected: 11/06/2015 10:14

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0042(g) | Date Analyzed: 11/11/2015 17:27

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312077.D
Lims ID: 460-104194-F-7-B Lab Sample ID: 460-104194-7
Client ID: PRA-10 W
Sample Type: Client
Inject. Date: 11-Nov-2015 17:27:05 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-012
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:17:44 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: boykinc Date: 11-Nov-2015 22:56:14

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	28446039	20.0	
2	1.345	1.339	0.006	34829788	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.469	10.471	-0.002	52725686	56.0	
2	8.968	8.963	0.005	97914138	60.0	
					RPD = 6.78	

Reagents:

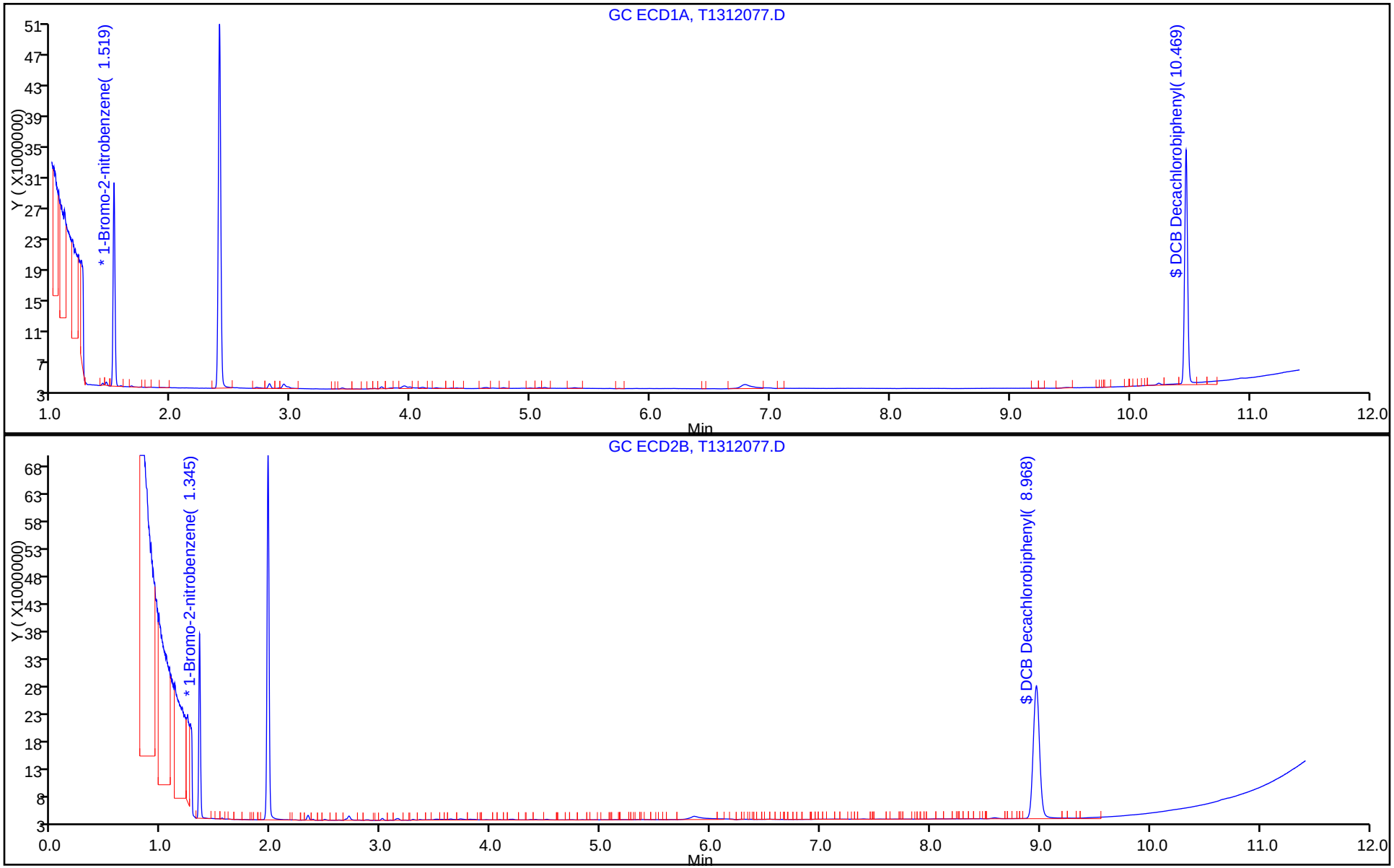
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 12-Nov-2015 12:19:17 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312077.D

Injection Date:	11-Nov-2015 17:27:05	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-F-7-B	Lab Sample ID:	460-104194-7	Worklist Smp#:	12
Client ID:	PRA-10 W				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-10 W | Lab Sample ID: 460-104194-7

Matrix: Solid | Lab File ID: T1312077.D

Analysis Method: 8082A | Date Collected: 11/06/2015 10:14

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0042(g) | Date Analyzed: 11/11/2015 17:27

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	9.3	U	70	9.3
11104-28-2	Aroclor 1221	9.3	U	70	9.3
11141-16-5	Aroclor 1232	9.3	U	70	9.3
53469-21-9	Aroclor 1242	9.3	U	70	9.3
12672-29-6	Aroclor 1248	9.3	U	70	9.3
11097-69-1	Aroclor 1254	9.6	U	70	9.6
11096-82-5	Aroclor 1260	9.6	U	70	9.6
37324-23-5	Aroclor 1262	9.6	U	70	9.6
11100-14-4	Aroclor 1268	9.6	U	70	9.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	120		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312077.D
Lims ID: 460-104194-F-7-B Lab Sample ID: 460-104194-7
Client ID: PRA-10 W
Sample Type: Client
Inject. Date: 11-Nov-2015 17:27:05 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-012
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:17:44 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: boykinc Date: 11-Nov-2015 22:56:14

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	28446039	20.0	
2	1.345	1.339	0.006	34829788	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.469	10.471	-0.002	52725686	56.0	
2	8.968	8.963	0.005	97914138	60.0	
					RPD = 6.78	

Reagents:

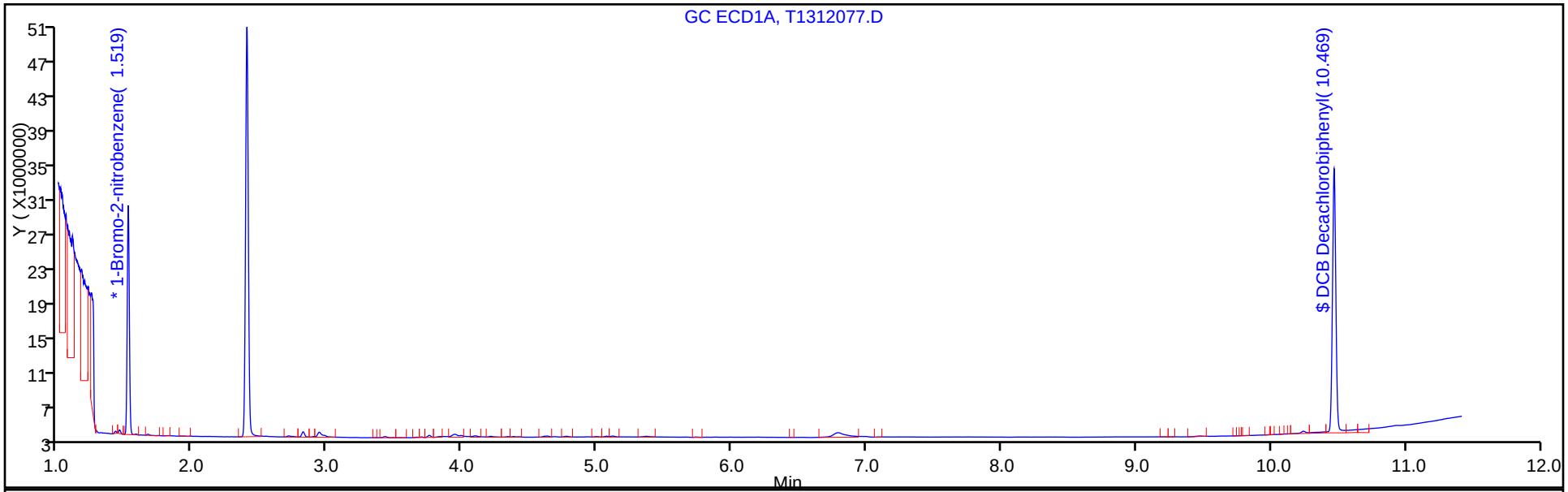
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

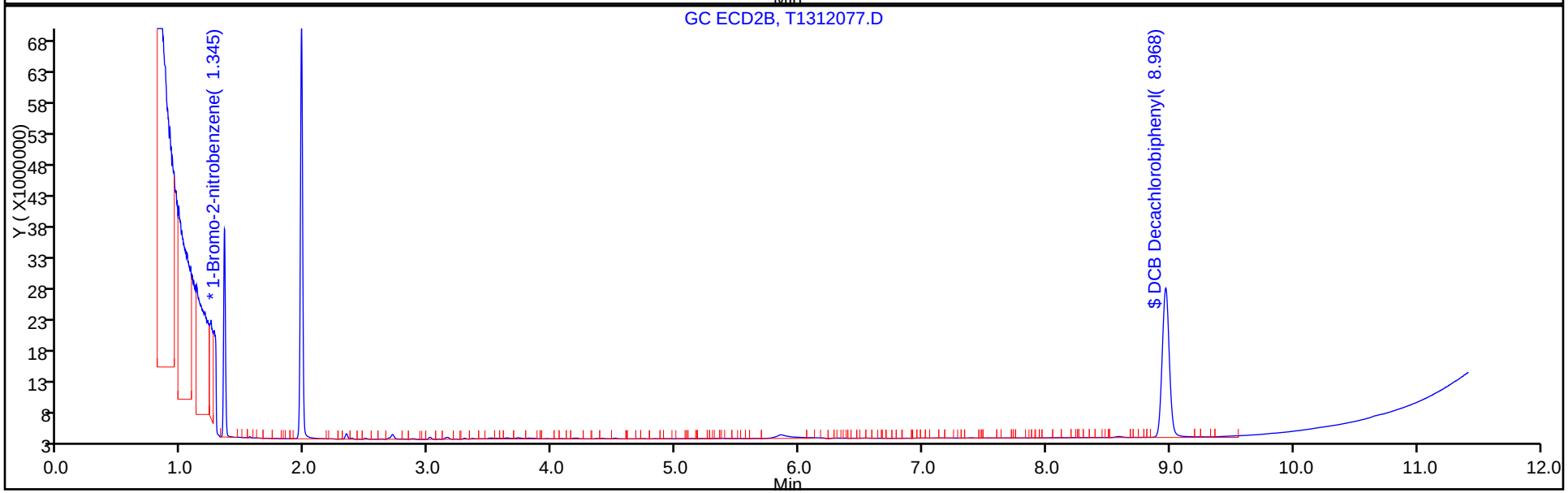
Report Date: 12-Nov-2015 12:19:18 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312077.D

Injection Date:	11-Nov-2015 17:27:05	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-F-7-B	Lab Sample ID:	460-104194-7	Worklist Smp#:	12
Client ID:	PRA-10 W				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18-SE | Lab Sample ID: 460-104194-8

Matrix: Solid | Lab File ID: T1312078.D

Analysis Method: 8082A | Date Collected: 11/06/2015 10:20

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0105(g) | Date Analyzed: 11/11/2015 17:41

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	117		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312078.D
Lims ID: 460-104194-F-8-B Lab Sample ID: 460-104194-8
Client ID: PRA-18-SE
Sample Type: Client
Inject. Date: 11-Nov-2015 17:41:40 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-013
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:17:44 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: boykinc Date: 11-Nov-2015 22:56:22

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.520	1.521	-0.001	28207808	20.0	
2	1.345	1.339	0.006	34981727	20.0	
				RPD =	0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.476	10.471	0.005	54397713	58.3	
2	8.968	8.963	0.005	100849995	61.5	
				RPD =	5.34	

Reagents:

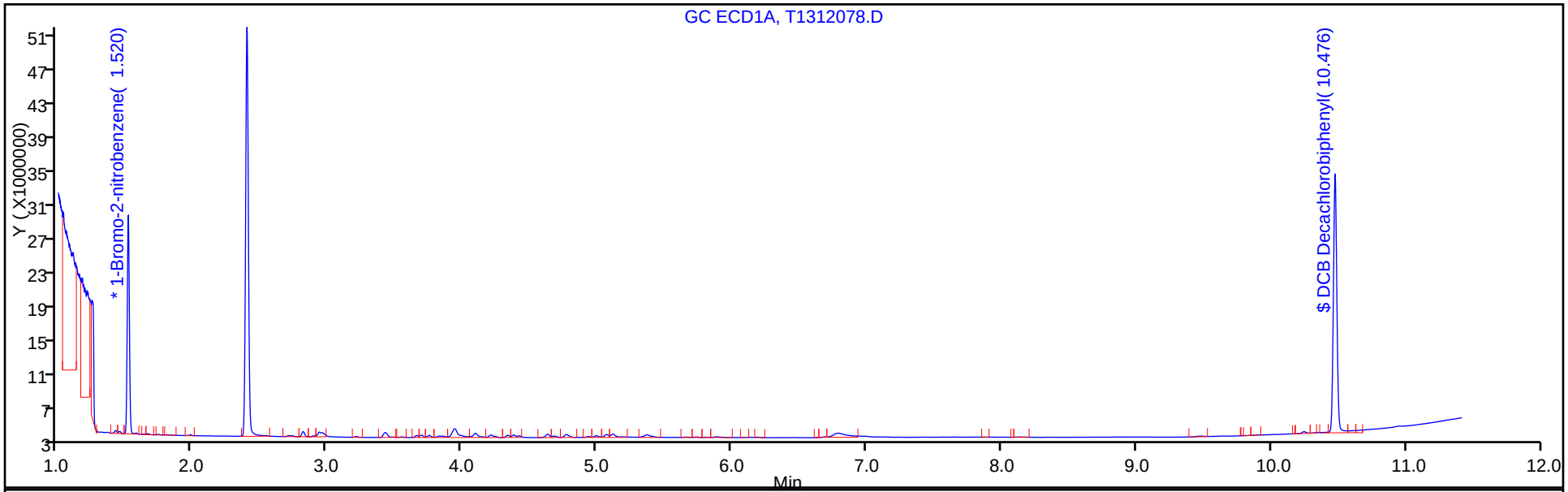
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

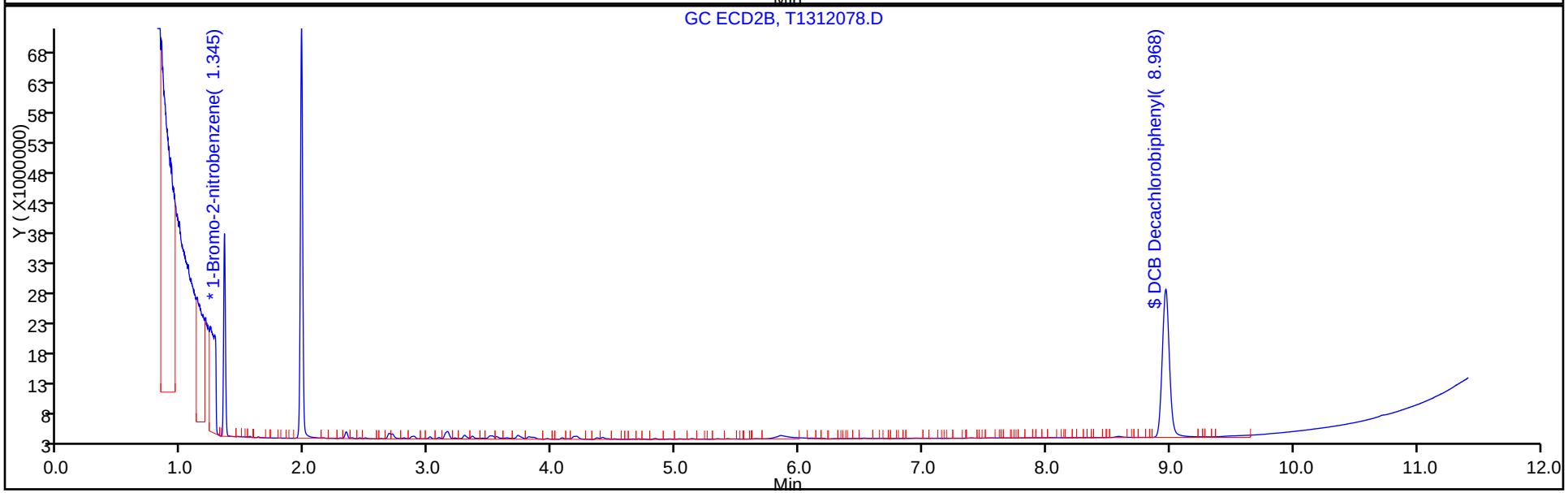
Report Date: 12-Nov-2015 12:19:21 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312078.D

Injection Date:	11-Nov-2015 17:41:40	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-F-8-B	Lab Sample ID:	460-104194-8	Worklist Smp#:	13
Client ID:	PRA-18-SE				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18-SE | Lab Sample ID: 460-104194-8

Matrix: Solid | Lab File ID: T1312078.D

Analysis Method: 8082A | Date Collected: 11/06/2015 10:20

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0105(g) | Date Analyzed: 11/11/2015 17:41

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	9.3	U	70	9.3
11104-28-2	Aroclor 1221	9.3	U	70	9.3
11141-16-5	Aroclor 1232	9.3	U	70	9.3
53469-21-9	Aroclor 1242	9.3	U	70	9.3
12672-29-6	Aroclor 1248	9.3	U	70	9.3
11097-69-1	Aroclor 1254	9.6	U	70	9.6
11096-82-5	Aroclor 1260	9.6	U	70	9.6
37324-23-5	Aroclor 1262	9.6	U	70	9.6
11100-14-4	Aroclor 1268	9.6	U	70	9.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	123		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312078.D
Lims ID: 460-104194-F-8-B Lab Sample ID: 460-104194-8
Client ID: PRA-18-SE
Sample Type: Client
Inject. Date: 11-Nov-2015 17:41:40 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-013
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:17:44 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: boykinc Date: 11-Nov-2015 22:56:22

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.520	1.521	-0.001	28207808	20.0	
2	1.345	1.339	0.006	34981727	20.0	
				RPD =	0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.476	10.471	0.005	54397713	58.3	
2	8.968	8.963	0.005	100849995	61.5	
				RPD =	5.34	

Reagents:

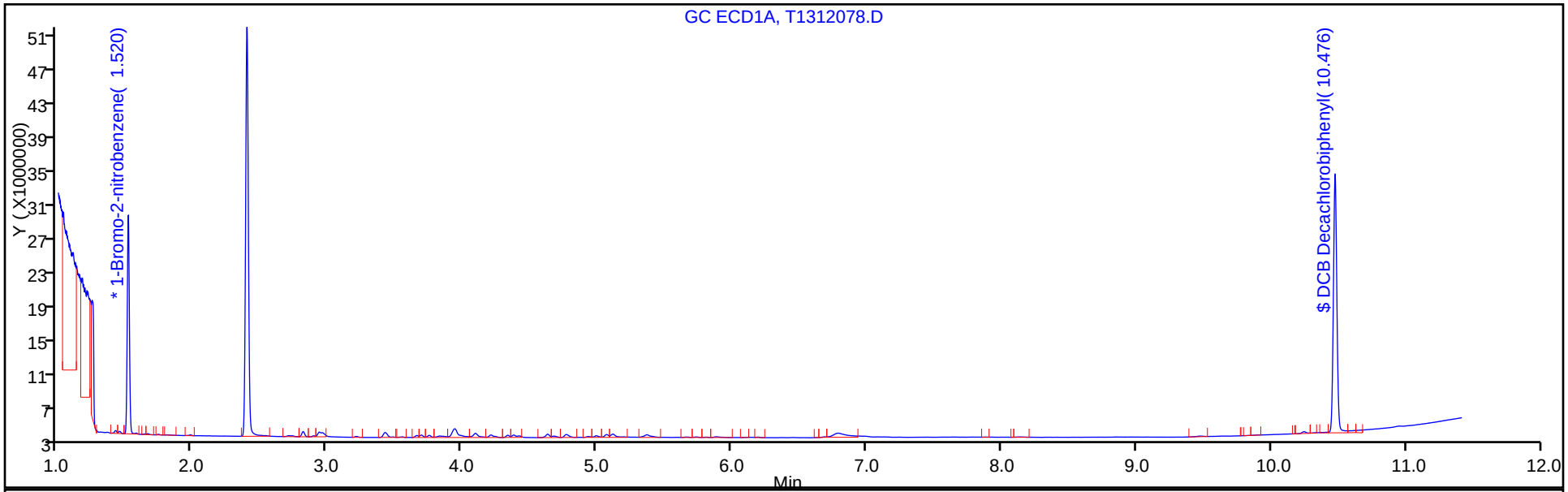
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

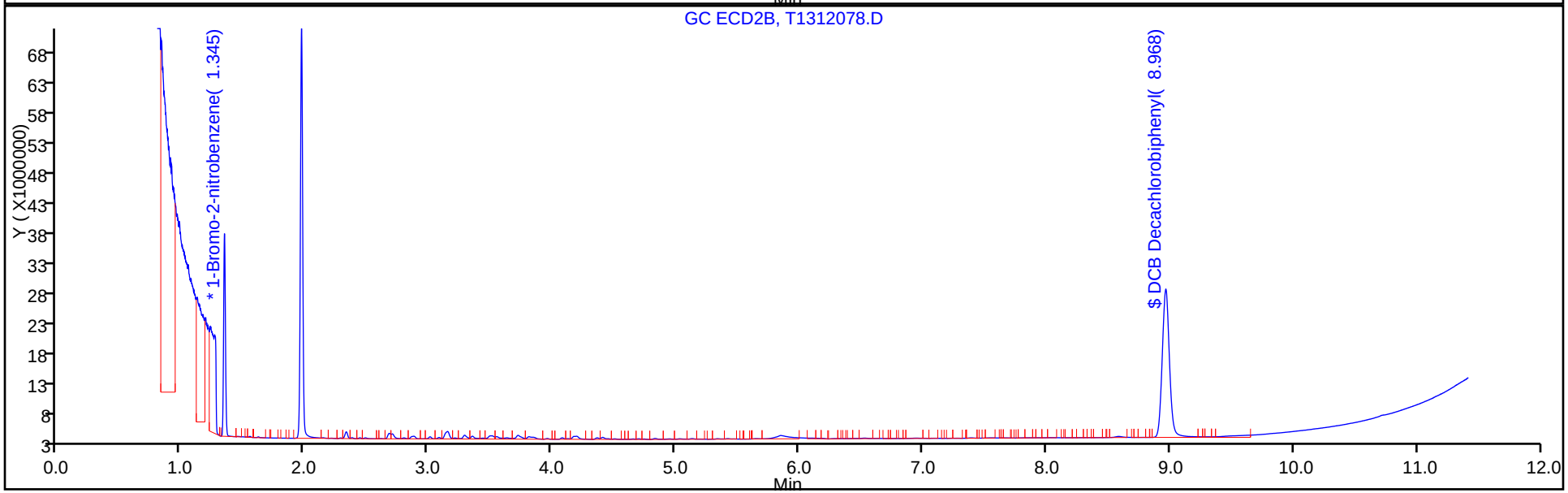
Report Date: 12-Nov-2015 12:19:22 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312078.D

Injection Date:	11-Nov-2015 17:41:40	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-F-8-B	Lab Sample ID:	460-104194-8	Worklist Smp#:	13
Client ID:	PRA-18-SE				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18-NE | Lab Sample ID: 460-104194-9

Matrix: Solid | Lab File ID: T1312079.D

Analysis Method: 8082A | Date Collected: 11/06/2015 10:00

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0093(g) | Date Analyzed: 11/11/2015 17:56

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	111		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312079.D
Lims ID: 460-104194-F-9-D Lab Sample ID: 460-104194-9
Client ID: PRA-18-NE
Sample Type: Client
Inject. Date: 11-Nov-2015 17:56:14 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-014
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:17:44 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: boykinc Date: 11-Nov-2015 22:56:50

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	29855653	20.0	
2	1.345	1.339	0.006	37143630	20.0	
					RPD = 0.00	
6 PCB-1248						M
1	3.426	3.426	0.000	2850657	135.5	M
1	3.943	3.941	0.002	8512035	169.2	
1	4.336	4.338	-0.002	4147271	138.4	
1	5.070	5.071	-0.001	5691670	126.1	
1	5.115	5.117	-0.002	8358916	167.7	
		Average of Peak Amounts =			147.4	
2	2.679	2.678	0.001	3958835	138.8	M
2	3.152	3.151	0.001	9563832	133.9	
2	3.722	3.724	-0.002	12483586	174.7	
2	4.195	4.177	0.018	15993558	134.2	M
2	4.408	4.410	-0.002	8278824	158.6	M
		Average of Peak Amounts =			148.0	
					RPD = 0.44	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.474	10.471	0.003	54643734	55.3	
2	8.966	8.963	0.003	100869065	57.9	
					RPD = 4.59	

QC Flag Legend

Review Flags

M - Manually Integrated

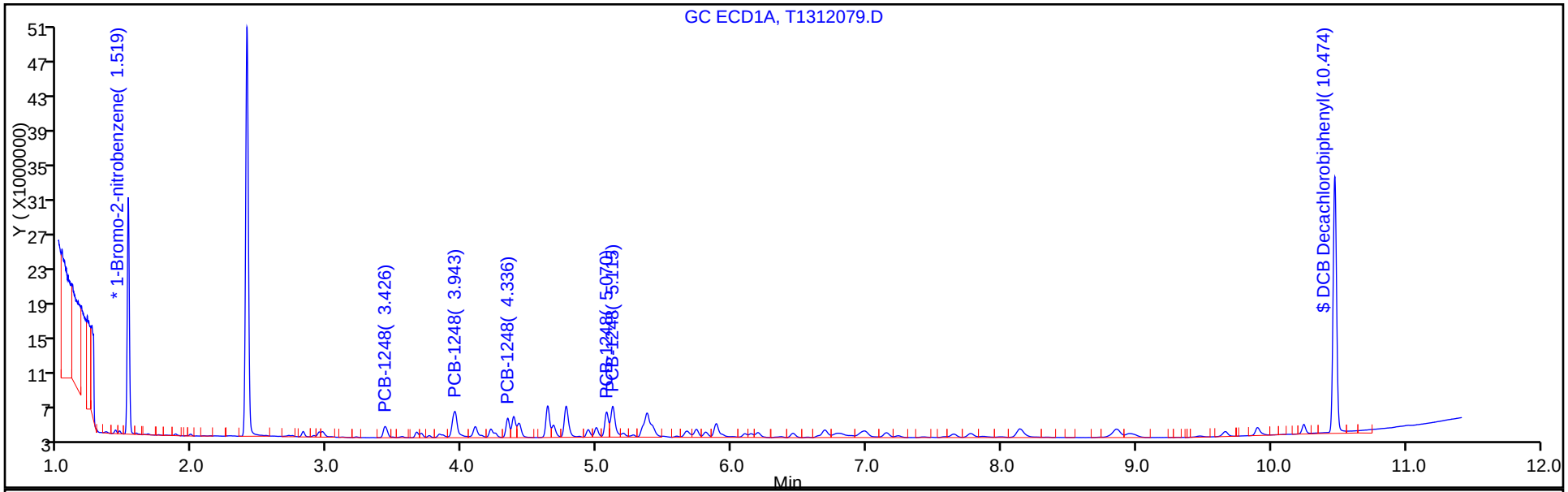
Reagents:

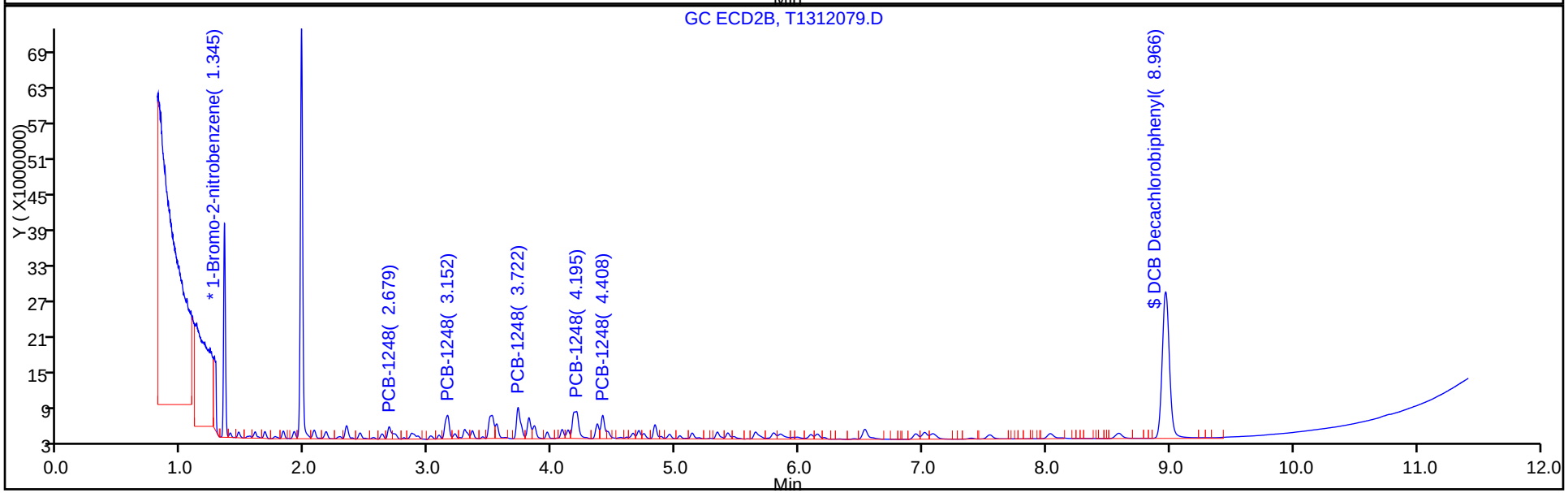
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 12-Nov-2015 12:19:24 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312079.D				
Injection Date:	11-Nov-2015 17:56:14	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-F-9-D	Lab Sample ID:	460-104194-9	Worklist Smp#:	14
Client ID:	PRA-18-NE				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





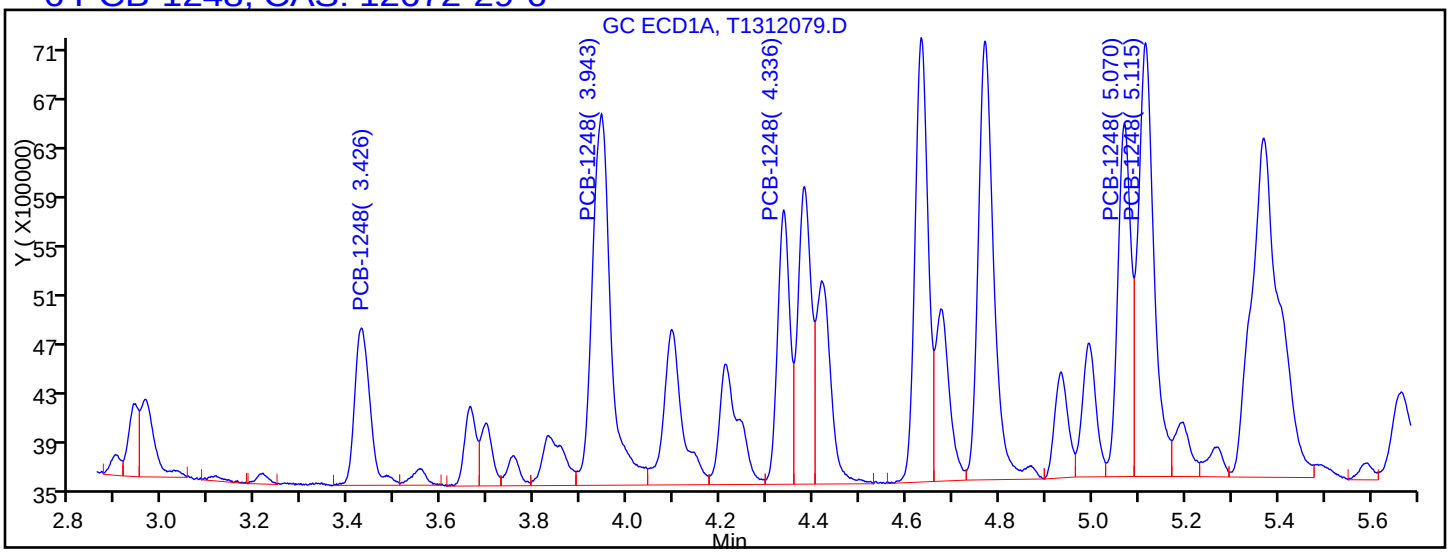
Report Date: 12-Nov-2015 12:19:26 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312079.D

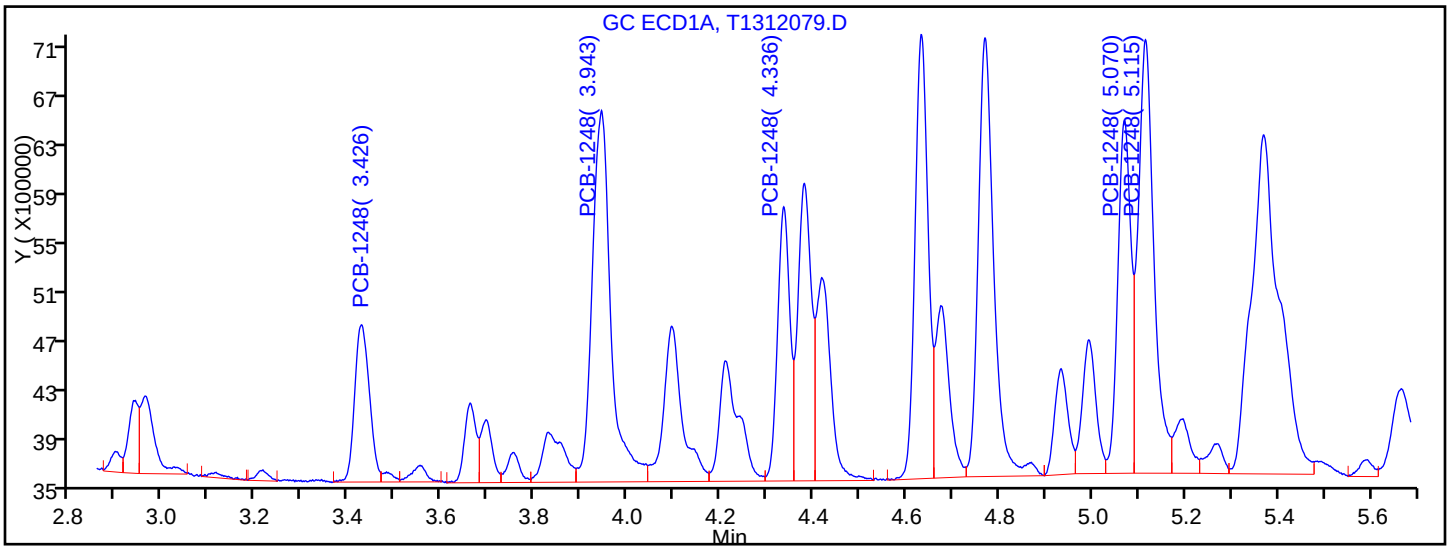
Injection Date:	11-Nov-2015 17:56:14	Instrument ID:	CPESTGC11		
Lims ID:	460-104194-F-9-D	Lab Sample ID:	460-104194-9		
Client ID:	PRA-18-NE				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

6 PCB-1248, CAS: 12672-29-6



Processing Integration Results

RT = 3.426	Response = 2985662	M
RT = 3.943	Response = 8512035	
RT = 4.336	Response = 4147271	
RT = 5.070	Response = 5691670	
RT = 5.115	Response = 8358916	



Manual Integration Results

RT = 3.426	Response = 2850657	M
RT = 3.943	Response = 8512035	
RT = 4.336	Response = 4147271	
RT = 5.070	Response = 5691670	
RT = 5.115	Response = 8358916	

Reviewer: patelji, 12-Nov-2015 08:35:54

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18-NE | Lab Sample ID: 460-104194-9

Matrix: Solid | Lab File ID: T1312079.D

Analysis Method: 8082A | Date Collected: 11/06/2015 10:00

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0093(g) | Date Analyzed: 11/11/2015 17:56

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	9.4	U	71	9.4
11104-28-2	Aroclor 1221	9.4	U	71	9.4
11141-16-5	Aroclor 1232	9.4	U	71	9.4
53469-21-9	Aroclor 1242	9.4	U	71	9.4
12672-29-6	Aroclor 1248	100		71	9.4
11097-69-1	Aroclor 1254	9.7	U	71	9.7
11096-82-5	Aroclor 1260	9.7	U	71	9.7
37324-23-5	Aroclor 1262	9.7	U	71	9.7
11100-14-4	Aroclor 1268	9.7	U	71	9.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	116		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312079.D
Lims ID: 460-104194-F-9-D Lab Sample ID: 460-104194-9
Client ID: PRA-18-NE
Sample Type: Client
Inject. Date: 11-Nov-2015 17:56:14 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-014
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:17:44 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: boykinc Date: 11-Nov-2015 22:56:50

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	29855653	20.0	
2	1.345	1.339	0.006	37143630	20.0	
					RPD = 0.00	
6 PCB-1248						M
1	3.426	3.426	0.000	2850657	135.5	M
1	3.943	3.941	0.002	8512035	169.2	
1	4.336	4.338	-0.002	4147271	138.4	
1	5.070	5.071	-0.001	5691670	126.1	
1	5.115	5.117	-0.002	8358916	167.7	
		Average of Peak Amounts =			147.4	
2	2.679	2.678	0.001	3958835	138.8	M
2	3.152	3.151	0.001	9563832	133.9	
2	3.722	3.724	-0.002	12483586	174.7	
2	4.195	4.177	0.018	15993558	134.2	M
2	4.408	4.410	-0.002	8278824	158.6	M
		Average of Peak Amounts =			148.0	
					RPD = 0.44	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.474	10.471	0.003	54643734	55.3	
2	8.966	8.963	0.003	100869065	57.9	
					RPD = 4.59	

QC Flag Legend

Review Flags

M - Manually Integrated

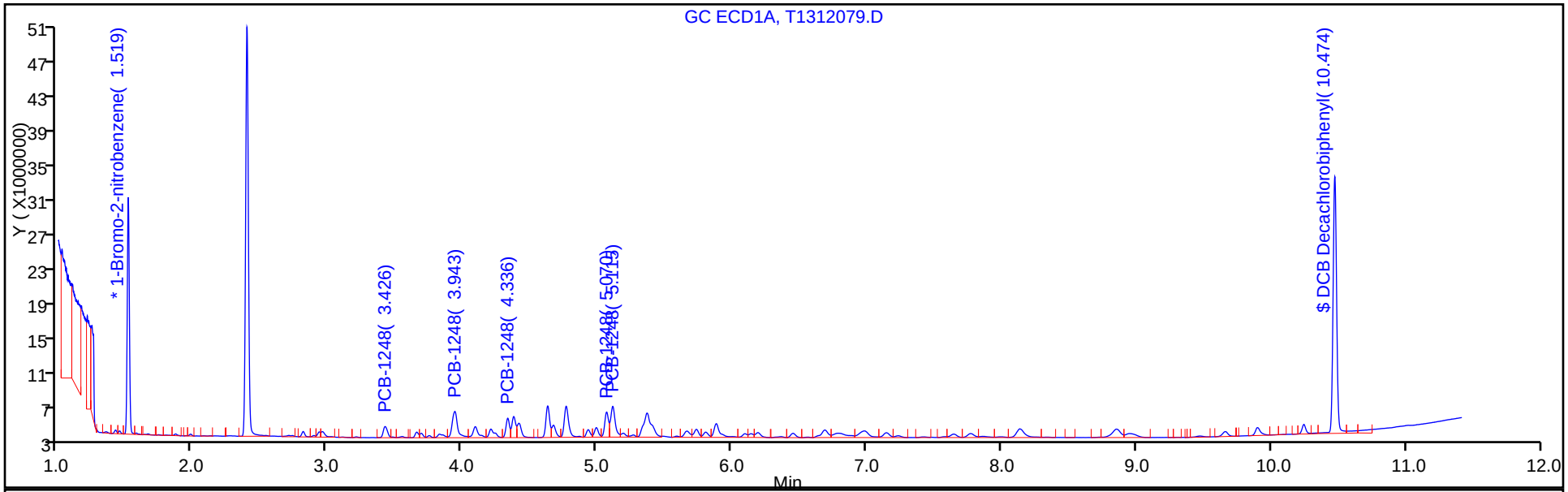
Reagents:

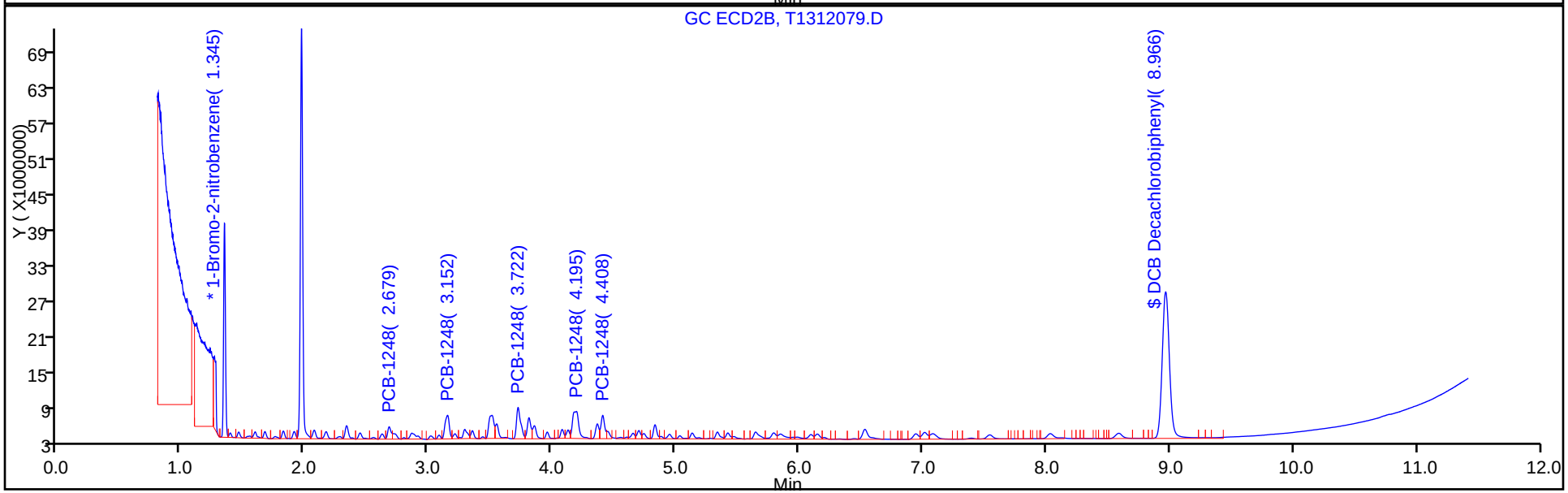
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 12-Nov-2015 12:19:27 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312079.D				
Injection Date:	11-Nov-2015 17:56:14	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-F-9-D	Lab Sample ID:	460-104194-9	Worklist Smp#:	14
Client ID:	PRA-18-NE				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





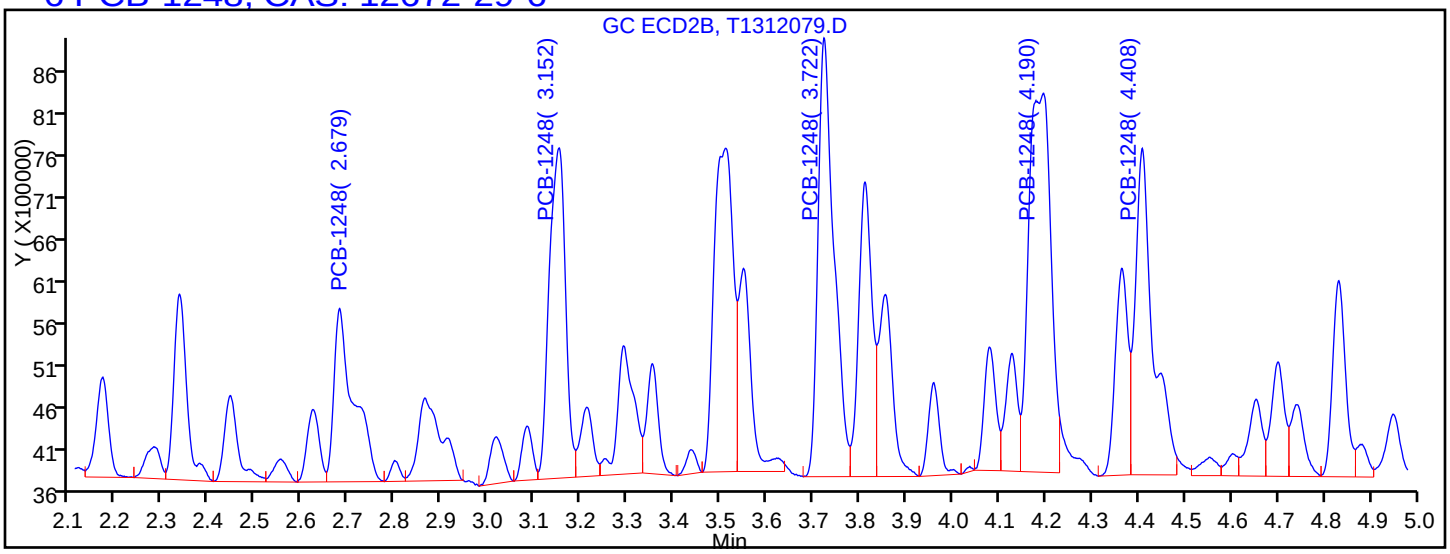
Report Date: 12-Nov-2015 12:19:27 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312079.D

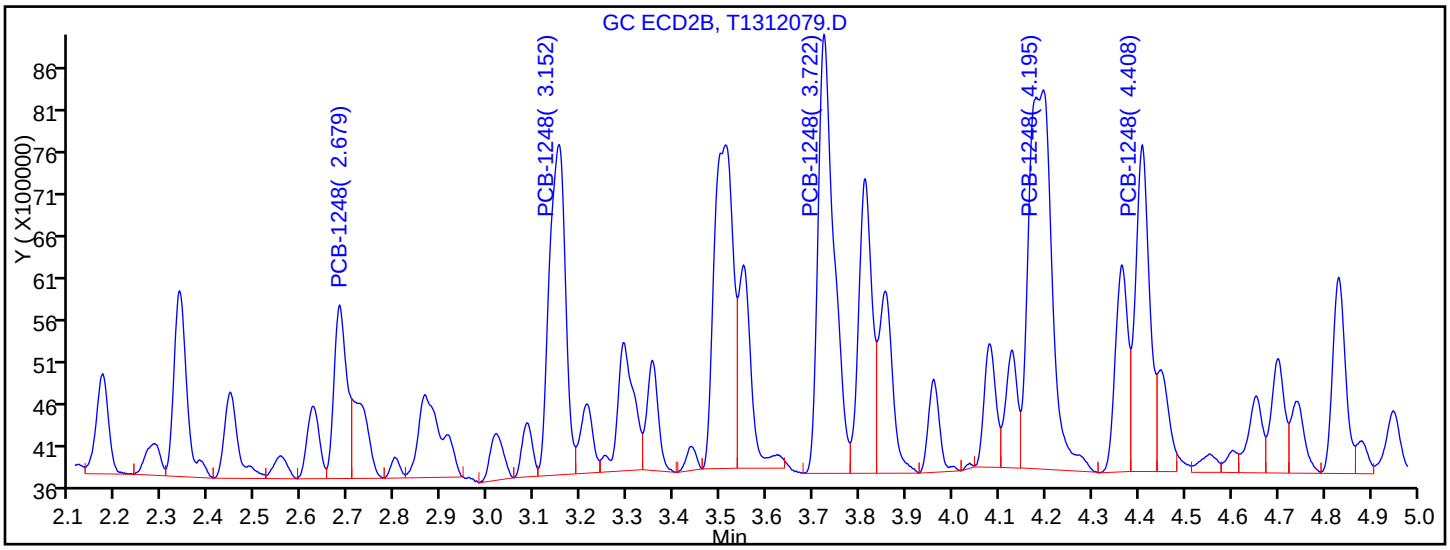
Injection Date:	11-Nov-2015 17:56:14	Instrument ID:	CPESTGC11		
Lims ID:	460-104194-F-9-D	Lab Sample ID:	460-104194-9		
Client ID:	PRA-18-NE				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

6 PCB-1248, CAS: 12672-29-6



Processing Integration Results

RT = 2.679	Response = 6108524	M
RT = 3.152	Response = 9563832	
RT = 3.722	Response = 12483586	
RT = 4.190	Response = 15002677	M
RT = 4.408	Response = 10328397	M



Manual Integration Results

RT = 2.679	Response = 3958835	M
RT = 3.152	Response = 9563832	
RT = 3.722	Response = 12483586	
RT = 4.195	Response = 15993558	M
RT = 4.408	Response = 8278824	M

Reviewer: patelji, 12-Nov-2015 08:35:54

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-20-N | Lab Sample ID: 460-104194-10

Matrix: Solid | Lab File ID: T1312080.D

Analysis Method: 8082A | Date Collected: 11/06/2015 11:25

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0044(g) | Date Analyzed: 11/11/2015 18:10

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312080.D
Lims ID: 460-104194-E-10-A Lab Sample ID: 460-104194-10
Client ID: PRA-20-N
Sample Type: Client
Inject. Date: 11-Nov-2015 18:10:49 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-015
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:17:44 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: boykinc Date: 11-Nov-2015 22:57:02

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	27884343	20.0	
2	1.345	1.339	0.006	34420796	20.0	
				RPD =	0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.478	10.471	0.007	50740213	55.0	
2	8.968	8.963	0.005	91699154	56.8	
				RPD =	3.25	

Reagents:

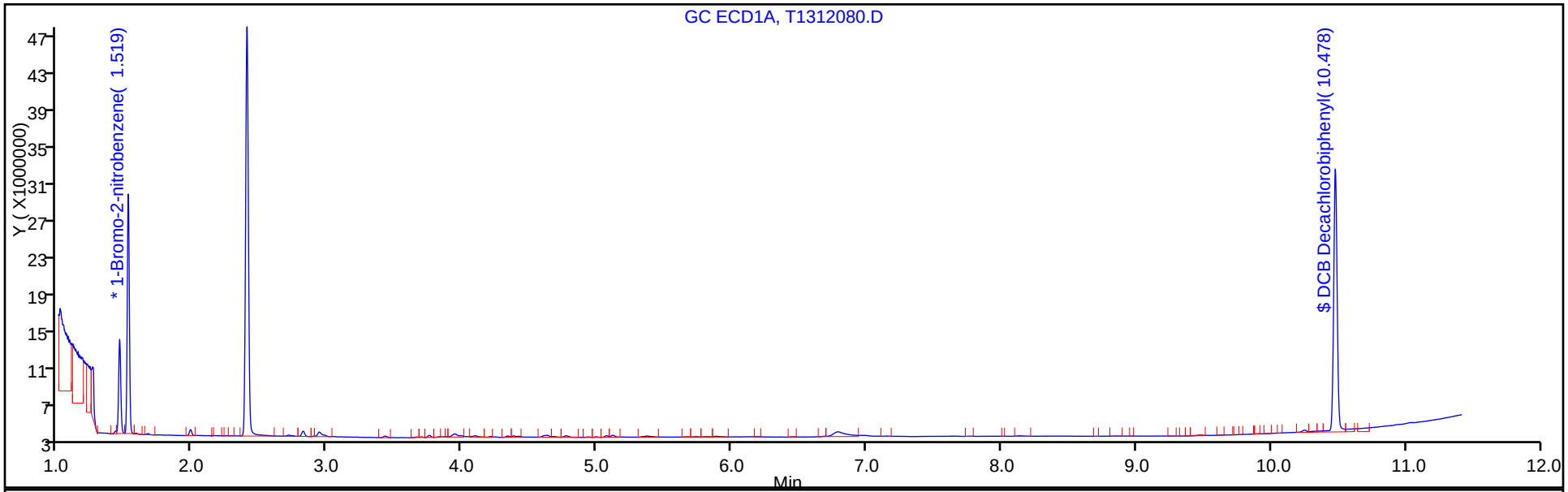
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

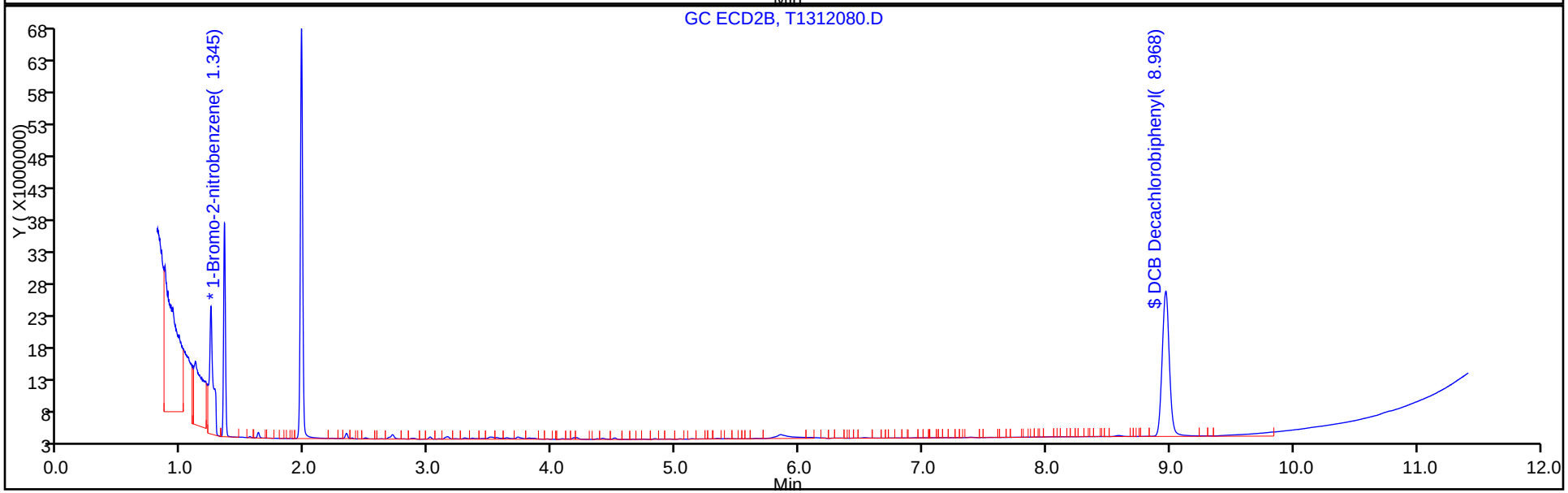
Report Date: 12-Nov-2015 12:19:32 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312080.D

Injection Date:	11-Nov-2015 18:10:49	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-E-10-A	Lab Sample ID:	460-104194-10	Worklist Smp#:	15
Client ID:	PRA-20-N				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-20-N | Lab Sample ID: 460-104194-10

Matrix: Solid | Lab File ID: T1312080.D

Analysis Method: 8082A | Date Collected: 11/06/2015 11:25

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0044(g) | Date Analyzed: 11/11/2015 18:10

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	9.4	U	71	9.4
11104-28-2	Aroclor 1221	9.4	U	71	9.4
11141-16-5	Aroclor 1232	9.4	U	71	9.4
53469-21-9	Aroclor 1242	9.4	U	71	9.4
12672-29-6	Aroclor 1248	9.4	U	71	9.4
11097-69-1	Aroclor 1254	9.7	U	71	9.7
11096-82-5	Aroclor 1260	9.7	U	71	9.7
37324-23-5	Aroclor 1262	9.7	U	71	9.7
11100-14-4	Aroclor 1268	9.7	U	71	9.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	114		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312080.D
Lims ID: 460-104194-E-10-A Lab Sample ID: 460-104194-10
Client ID: PRA-20-N
Sample Type: Client
Inject. Date: 11-Nov-2015 18:10:49 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-015
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:17:44 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: boykinc Date: 11-Nov-2015 22:57:02

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	27884343	20.0	
2	1.345	1.339	0.006	34420796	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.478	10.471	0.007	50740213	55.0	
2	8.968	8.963	0.005	91699154	56.8	
					RPD = 3.25	

Reagents:

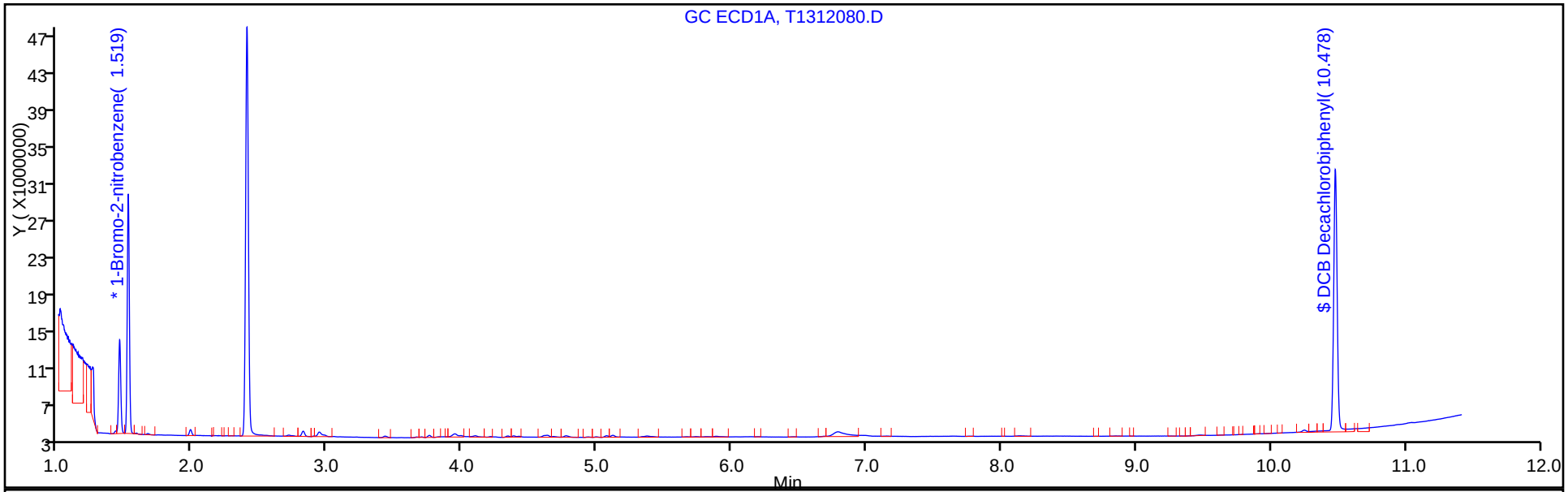
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

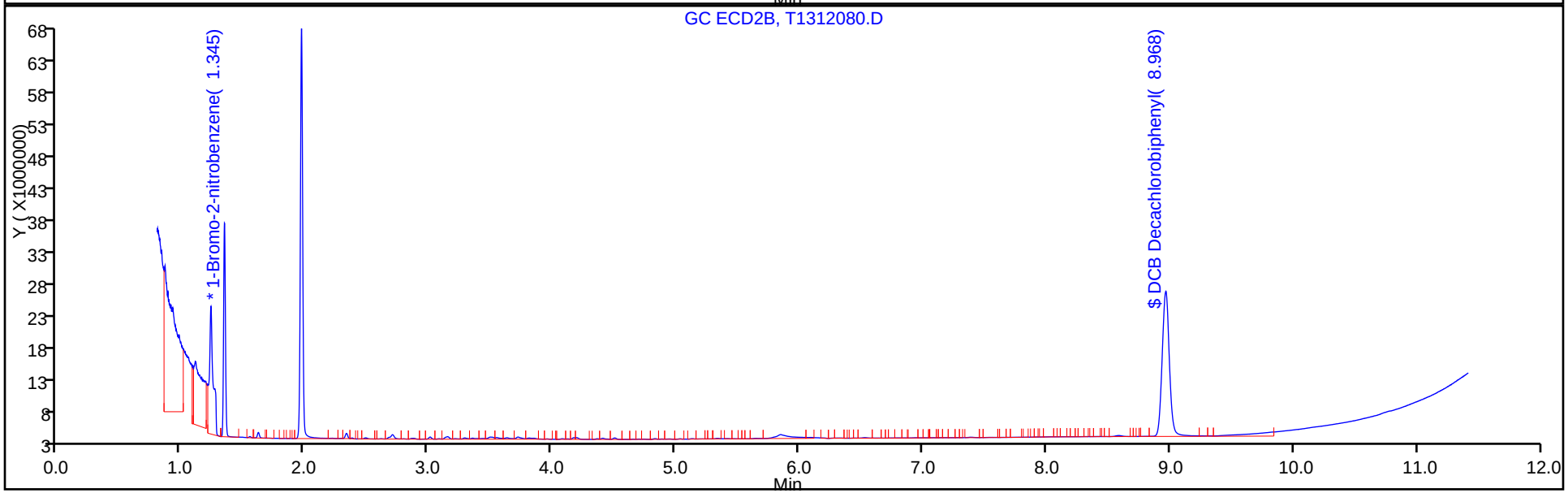
Report Date: 12-Nov-2015 12:19:32 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312080.D

Injection Date:	11-Nov-2015 18:10:49	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-E-10-A	Lab Sample ID:	460-104194-10	Worklist Smp#:	15
Client ID:	PRA-20-N				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-15-NW2-WT | Lab Sample ID: 460-104194-11

Matrix: Solid | Lab File ID: T1312130.D

Analysis Method: 8082A | Date Collected: 11/06/2015 09:18

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0060(g) | Date Analyzed: 11/12/2015 06:19

Con. Extract Vol.: 10(mL) | Dilution Factor: 500

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	350000		37000	4900

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312130.D
Lims ID: 460-104194-E-11-A Lab Sample ID: 460-104194-11
Client ID: PMP-15-NW2-WT
Sample Type: Client
Inject. Date: 12-Nov-2015 06:19:02 ALS Bottle#: 65 Worklist Smp#: 65
Injection Vol: 1.0 ul Dil. Factor: 500.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:07 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 09:58:27

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	30600552	20.0	
2	1.345	1.339	0.006	38050376	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	2.962	2.963	-0.001	14490945	726.8	
1	3.425	3.426	-0.001	37741814	1000.6	
1	3.941	3.940	0.001	78462610	1031.6	
1	4.095	4.096	-0.001	30802345	956.0	
1	5.114	5.116	-0.002	30339474	1042.5	
		Average of Peak Amounts =			951.5	
2	2.325	2.327	-0.002	18038303	668.7	
2	2.679	2.680	-0.001	52261662	1029.4	
2	3.151	3.140	0.011	108419913	1000.1	
2	3.289	3.290	-0.001	43886207	942.6	
2	3.723	3.723	0.000	44945257	966.0	M
		Average of Peak Amounts =			921.4	
					RPD = 3.22	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

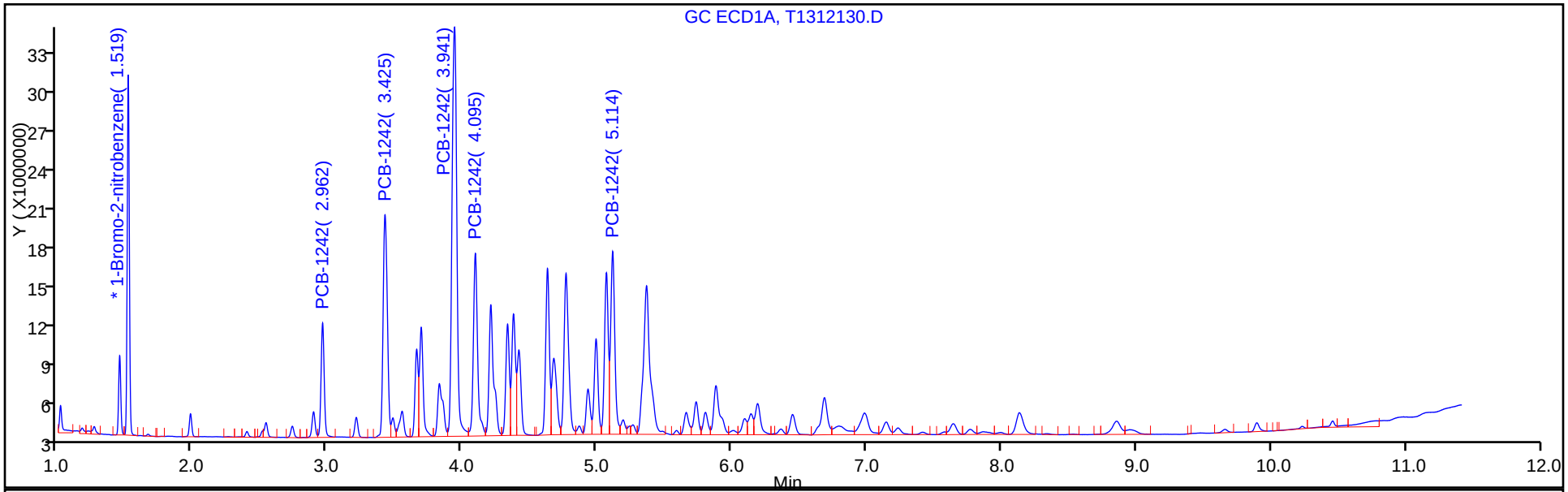
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

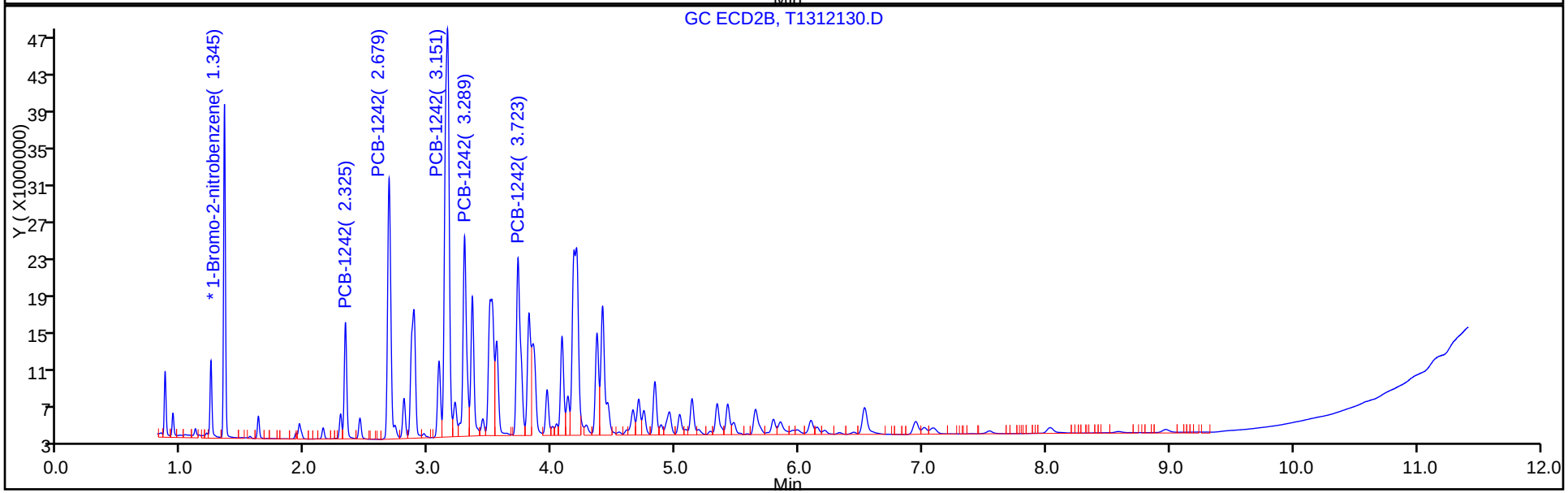
Report Date: 12-Nov-2015 12:23:10 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312130.D

Injection Date:	12-Nov-2015 06:19:02	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-E-11-A	Lab Sample ID:	460-104194-11	Worklist Smp#:	65
Client ID:	PMP-15-NW2-WT				
Injection Vol:	1.0 ul	Dil. Factor:	500.0000	ALS Bottle#:	65
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-15-NW2-WT | Lab Sample ID: 460-104194-11

Matrix: Solid | Lab File ID: T1312130.D

Analysis Method: 8082A | Date Collected: 11/06/2015 09:18

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0060(g) | Date Analyzed: 11/12/2015 06:19

Con. Extract Vol.: 10(mL) | Dilution Factor: 500

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	4900	U	37000	4900
11104-28-2	Aroclor 1221	4900	U	37000	4900
11141-16-5	Aroclor 1232	4900	U	37000	4900
12672-29-6	Aroclor 1248	4900	U	37000	4900
11097-69-1	Aroclor 1254	5100	U	37000	5100
11096-82-5	Aroclor 1260	5100	U	37000	5100
37324-23-5	Aroclor 1262	5100	U	37000	5100
11100-14-4	Aroclor 1268	5100	U	37000	5100

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312130.D
Lims ID: 460-104194-E-11-A Lab Sample ID: 460-104194-11
Client ID: PMP-15-NW2-WT
Sample Type: Client
Inject. Date: 12-Nov-2015 06:19:02 ALS Bottle#: 65 Worklist Smp#: 65
Injection Vol: 1.0 ul Dil. Factor: 500.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:07 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 09:58:27

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	30600552	20.0	
2	1.345	1.339	0.006	38050376	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	2.962	2.963	-0.001	14490945	726.8	
1	3.425	3.426	-0.001	37741814	1000.6	
1	3.941	3.940	0.001	78462610	1031.6	
1	4.095	4.096	-0.001	30802345	956.0	
1	5.114	5.116	-0.002	30339474	1042.5	
		Average of Peak Amounts =			951.5	
2	2.325	2.327	-0.002	18038303	668.7	
2	2.679	2.680	-0.001	52261662	1029.4	
2	3.151	3.140	0.011	108419913	1000.1	
2	3.289	3.290	-0.001	43886207	942.6	
2	3.723	3.723	0.000	44945257	966.0	M
		Average of Peak Amounts =			921.4	
					RPD = 3.22	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

QC Flag Legend

Review Flags

M - Manually Integrated

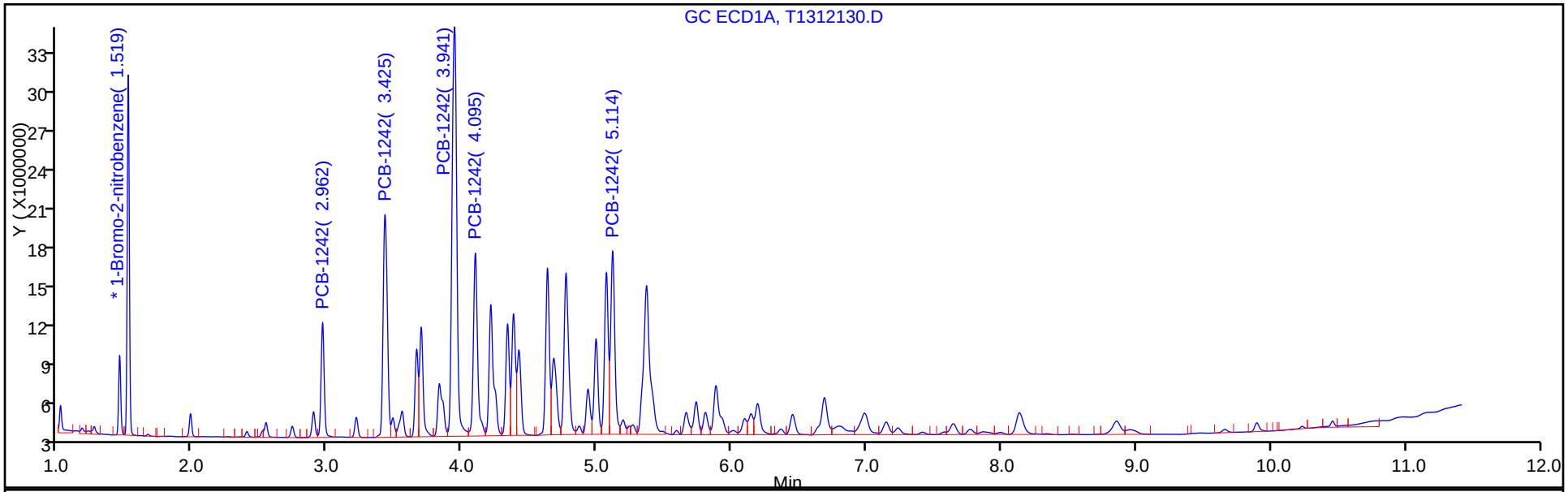
Reagents:

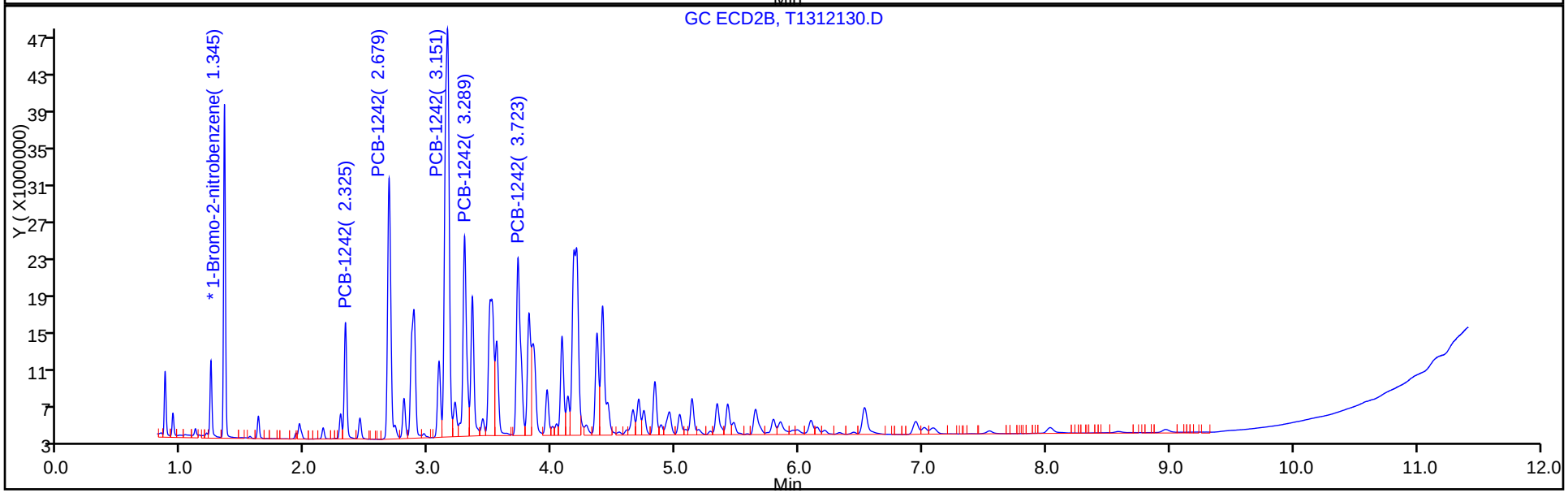
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 12-Nov-2015 12:23:11 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312130.D				
Injection Date:	12-Nov-2015 06:19:02	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-E-11-A	Lab Sample ID:	460-104194-11	Worklist Smp#:	65
Client ID:	PMP-15-NW2-WT				
Injection Vol:	1.0 ul	Dil. Factor:	500.0000	ALS Bottle#:	65
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





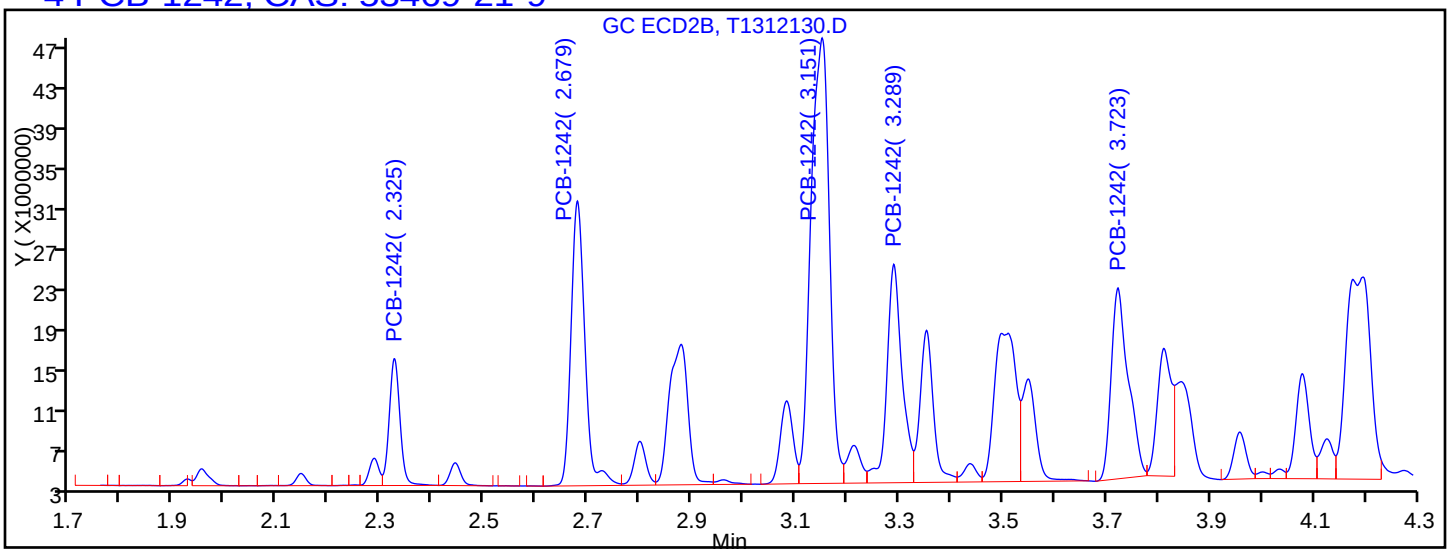
Report Date: 12-Nov-2015 12:23:11 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312130.D

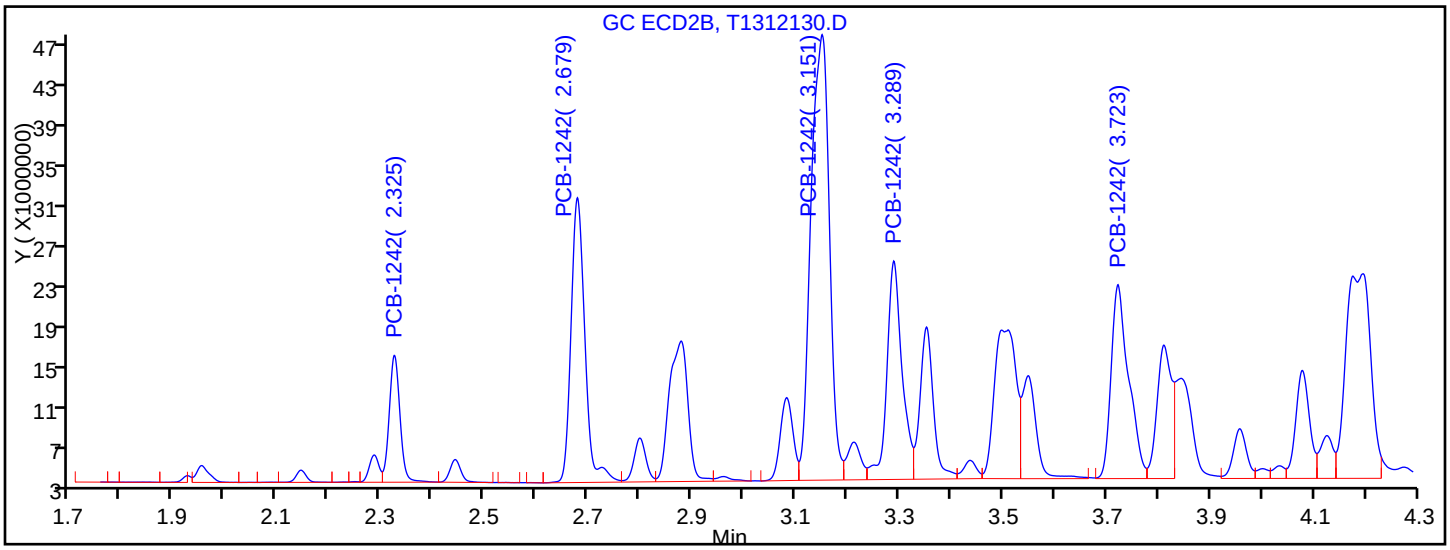
Injection Date:	12-Nov-2015 06:19:02	Instrument ID:	CPESTGC11
Lims ID:	460-104194-E-11-A	Lab Sample ID:	460-104194-11
Client ID:	PMP-15-NW2-WT		
Operator ID:		ALS Bottle#:	65 Worklist Smp#: 65
Injection Vol:	1.0 ul	Dil. Factor:	500.0000
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD2B

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.325	Response = 18038303	
RT = 2.679	Response = 52261662	
RT = 3.151	Response = 108419913	
RT = 3.289	Response = 43886207	
RT = 3.723	Response = 42947211	M



Manual Integration Results

RT = 2.325	Response = 18038303	
RT = 2.679	Response = 52261662	
RT = 3.151	Response = 108419913	
RT = 3.289	Response = 43886207	
RT = 3.723	Response = 44945257	M

Reviewer: patelji, 12-Nov-2015 09:58:27

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-16-NW2-WT | Lab Sample ID: 460-104194-12

Matrix: Solid | Lab File ID: T1312131.D

Analysis Method: 8082A | Date Collected: 11/06/2015 09:05

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0121(g) | Date Analyzed: 11/12/2015 06:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	21000		1400	190
11096-82-5	Aroclor 1260	1900		1400	190

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	161	X D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312131.D
Lims ID: 460-104194-E-12-A Lab Sample ID: 460-104194-12
Client ID: PMP-16-NW2-WT
Sample Type: Client
Inject. Date: 12-Nov-2015 06:33:38 ALS Bottle#: 66 Worklist Smp#: 66
Injection Vol: 1.0 ul Dil. Factor: 20.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:07 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 09:57:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	30047662	20.0	
2	1.345	1.339	0.006	36944340	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	2.961	2.963	-0.002	22796632	1164.4	
1	3.424	3.426	-0.002	58247332	1572.6	M
1	3.940	3.940	0.000	122883816	1645.4	M
1	4.095	4.096	-0.001	50071038	1582.7	M
1	5.115	5.116	-0.001	47636337	1667.0	M
		Average of Peak Amounts =			1526.4	
2	2.325	2.327	-0.002	28209847	1077.0	
2	2.678	2.680	-0.002	75144577	1524.5	
2	3.151	3.140	0.011	164311342	1561.0	M
2	3.289	3.290	-0.001	69418253	1535.6	M
2	3.722	3.723	-0.001	70726242	1565.6	M
		Average of Peak Amounts =			1452.7	
					RPD = 4.95	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						M
1	6.142	6.152	-0.010	9348101	130.7	M
1	6.451	6.459	-0.008	10495343	133.5	M
1	7.643	7.654	-0.011	7402015	128.2	M
1	8.135	8.146	-0.011	16967056	132.1	M
1	9.897	9.904	-0.007	4299055	133.6	
		Average of Peak Amounts =			131.6	
2	5.032	5.027	0.005	10546245	119.9	M
2	6.093	6.090	0.003	9670720	114.4	
2	6.529	6.525	0.004	22987966	126.5	
2	6.942	6.937	0.005	10545324	102.4	
2	8.033	8.026	0.007	6717540	138.2	
		Average of Peak Amounts =			120.3	
					RPD = 9.02	
$ 11 DCB Decachlorobiphenyl						
1	10.462	10.471	-0.009	4011128	4.03	
2	8.964	8.963	0.001	6501975	3.75	
					RPD = 7.22	

QC Flag Legend

Review Flags

M - Manually Integrated

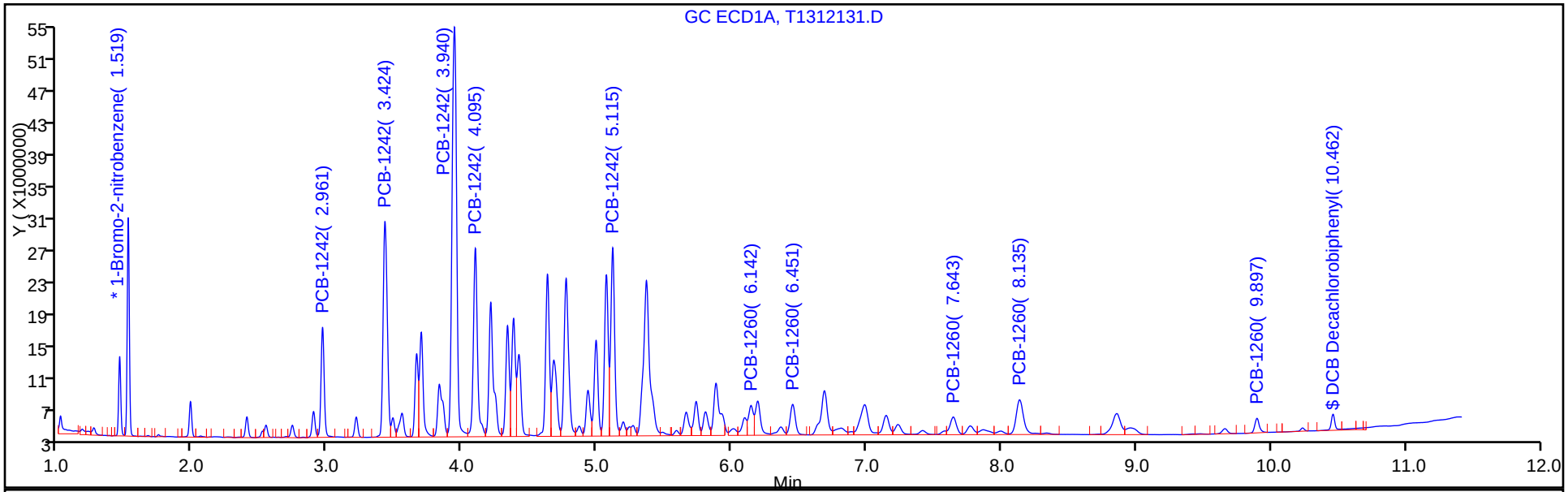
Reagents:

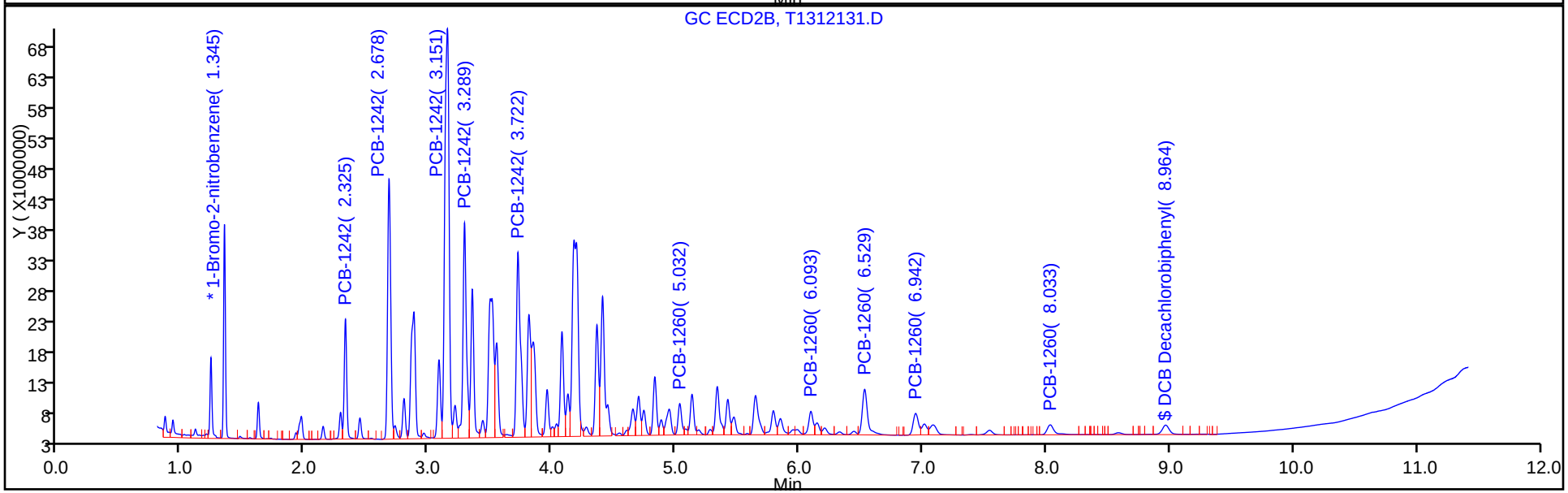
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 12-Nov-2015 12:23:13 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312131.D				
Injection Date:	12-Nov-2015 06:33:38	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-E-12-A	Lab Sample ID:	460-104194-12	Worklist Smp#:	66
Client ID:	PMP-16-NW2-WT				
Injection Vol:	1.0 ul	Dil. Factor:	20.0000	ALS Bottle#:	66
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





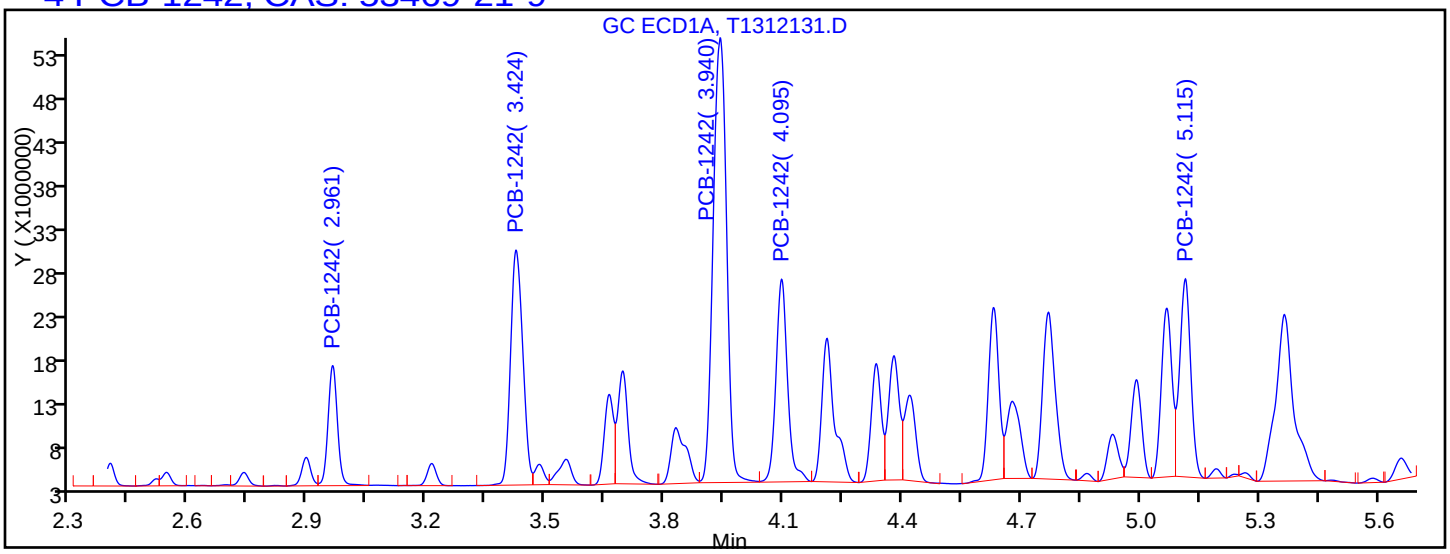
Report Date: 12-Nov-2015 12:23:13 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312131.D

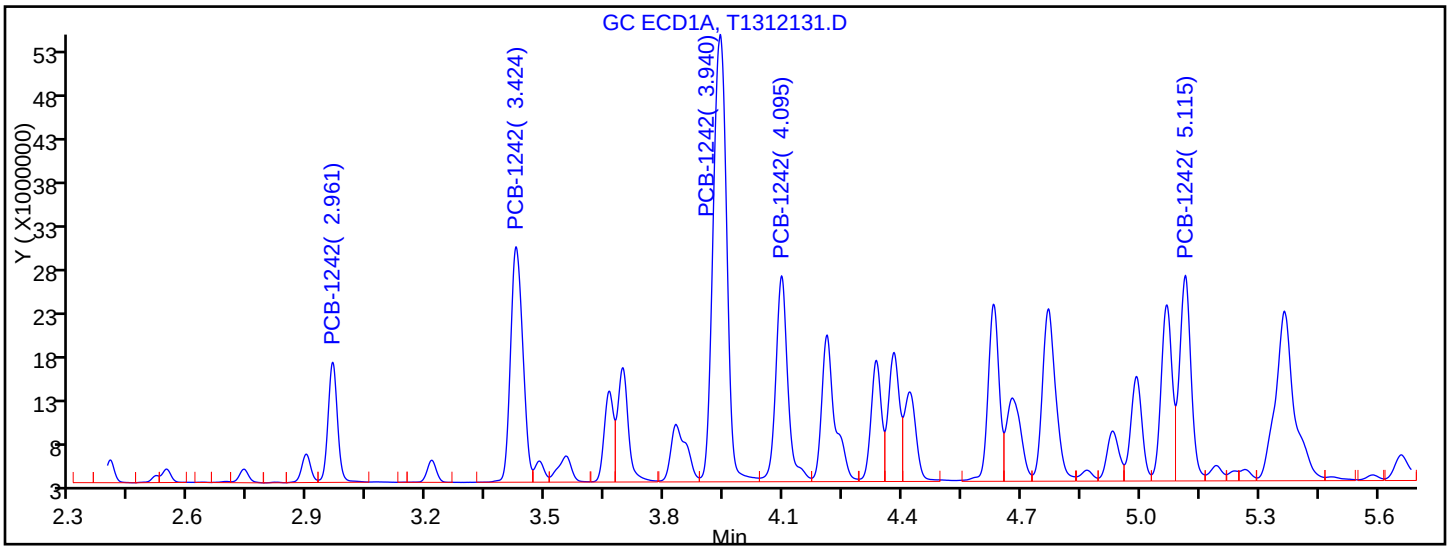
Injection Date:	12-Nov-2015 06:33:38	Instrument ID:	CPESTGC11
Lims ID:	460-104194-E-12-A	Lab Sample ID:	460-104194-12
Client ID:	PMP-16-NW2-WT		
Operator ID:		ALS Bottle#:	66 Worklist Smp#: 66
Injection Vol:	1.0 ul	Dil. Factor:	20.0000
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD1A

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.961	Response = 22796632	
RT = 3.424	Response = 57923848	M
RT = 3.940	Response = 120142337	M
RT = 4.095	Response = 47237442	M
RT = 5.115	Response = 44067754	M



Manual Integration Results

RT = 2.961	Response = 22796632	
RT = 3.424	Response = 58247332	M
RT = 3.940	Response = 122883816	M
RT = 4.095	Response = 50071038	M
RT = 5.115	Response = 47636337	M

Reviewer: patelji, 12-Nov-2015 09:57:40

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

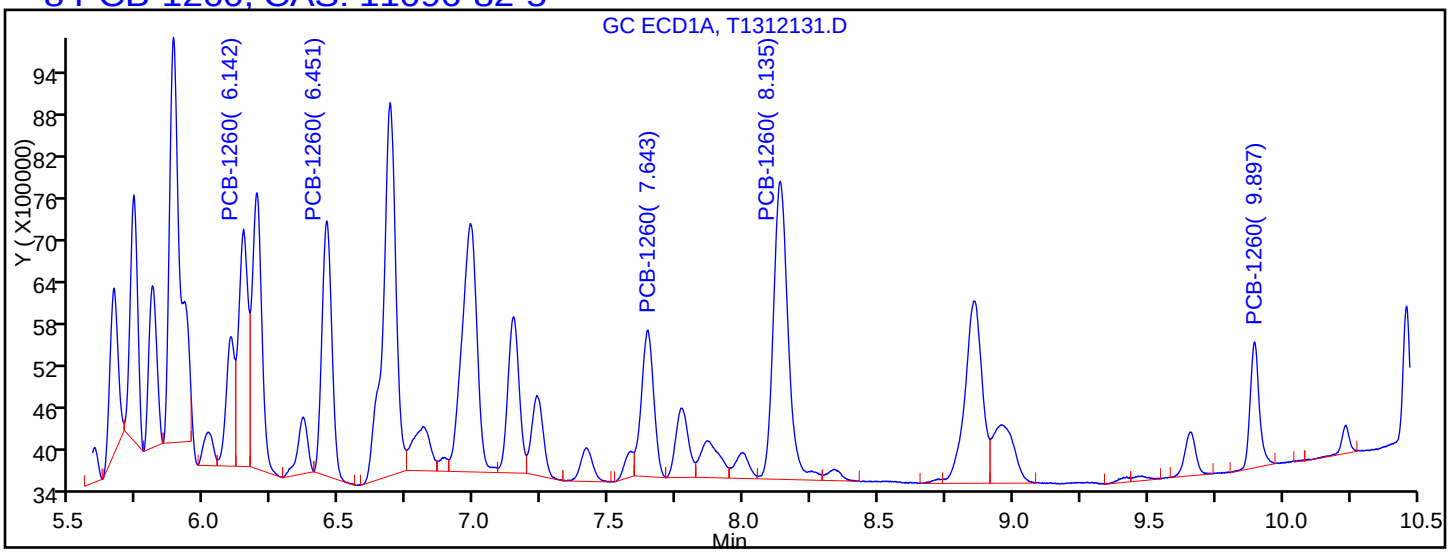
Report Date: 12-Nov-2015 12:23:14 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312131.D

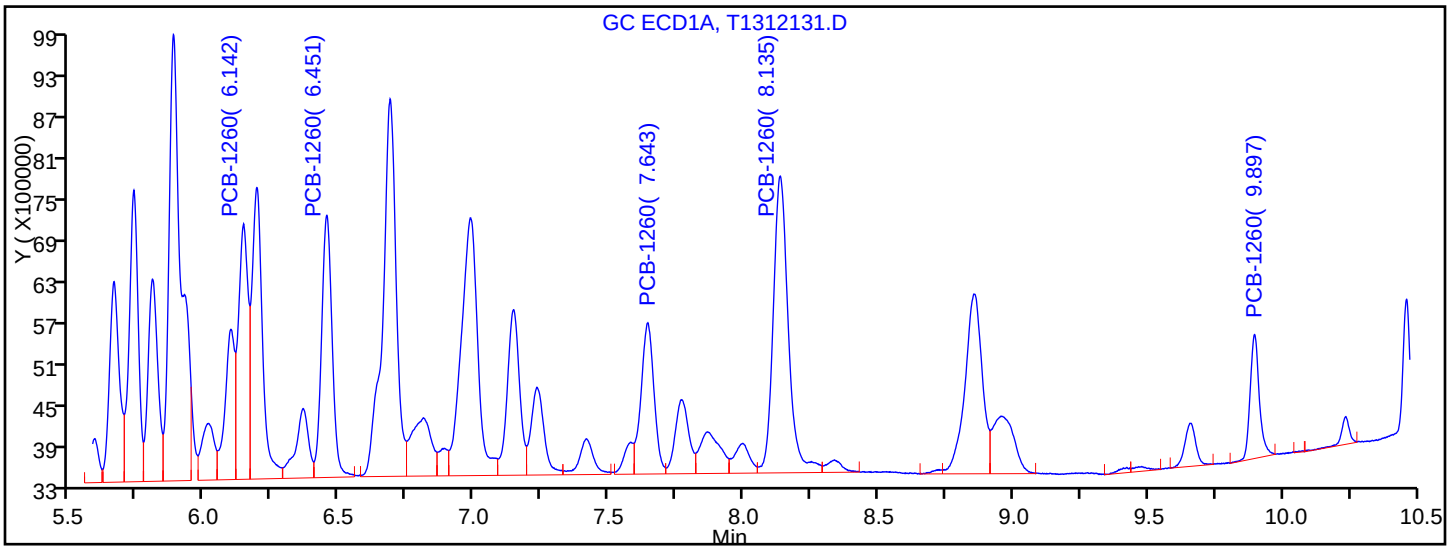
Injection Date:	12-Nov-2015 06:33:38	Instrument ID:	CPESTGC11
Lims ID:	460-104194-E-12-A	Lab Sample ID:	460-104194-12
Client ID:	PMP-16-NW2-WT		
Operator ID:		ALS Bottle#:	66 Worklist Smp#: 66
Injection Vol:	1.0 ul	Dil. Factor:	20.0000
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD1A

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 6.142	Response = 8313128	M
RT = 6.451	Response = 9416528	M
RT = 7.643	Response = 6721948	M
RT = 8.135	Response = 16412017	M
RT = 9.897	Response = 4299055	



Manual Integration Results

RT = 6.142	Response = 9348101	M
RT = 6.451	Response = 10495343	M
RT = 7.643	Response = 7402015	M
RT = 8.135	Response = 16967056	M
RT = 9.897	Response = 4299055	

Reviewer: patelji, 12-Nov-2015 09:57:40

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-16-NW2-WT | Lab Sample ID: 460-104194-12

Matrix: Solid | Lab File ID: T1312131.D

Analysis Method: 8082A | Date Collected: 11/06/2015 09:05

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0121(g) | Date Analyzed: 11/12/2015 06:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	190	U	1400	190
11104-28-2	Aroclor 1221	190	U	1400	190
11141-16-5	Aroclor 1232	190	U	1400	190
12672-29-6	Aroclor 1248	190	U	1400	190
11097-69-1	Aroclor 1254	190	U	1400	190
37324-23-5	Aroclor 1262	190	U	1400	190
11100-14-4	Aroclor 1268	190	U	1400	190

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	150	*D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312131.D
Lims ID: 460-104194-E-12-A Lab Sample ID: 460-104194-12
Client ID: PMP-16-NW2-WT
Sample Type: Client
Inject. Date: 12-Nov-2015 06:33:38 ALS Bottle#: 66 Worklist Smp#: 66
Injection Vol: 1.0 ul Dil. Factor: 20.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:07 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 09:57:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	30047662	20.0	
2	1.345	1.339	0.006	36944340	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	2.961	2.963	-0.002	22796632	1164.4	
1	3.424	3.426	-0.002	58247332	1572.6	M
1	3.940	3.940	0.000	122883816	1645.4	M
1	4.095	4.096	-0.001	50071038	1582.7	M
1	5.115	5.116	-0.001	47636337	1667.0	M
		Average of Peak Amounts =			1526.4	
2	2.325	2.327	-0.002	28209847	1077.0	
2	2.678	2.680	-0.002	75144577	1524.5	
2	3.151	3.140	0.011	164311342	1561.0	M
2	3.289	3.290	-0.001	69418253	1535.6	M
2	3.722	3.723	-0.001	70726242	1565.6	M
		Average of Peak Amounts =			1452.7	
					RPD = 4.95	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						M
1	6.142	6.152	-0.010	9348101	130.7	M
1	6.451	6.459	-0.008	10495343	133.5	M
1	7.643	7.654	-0.011	7402015	128.2	M
1	8.135	8.146	-0.011	16967056	132.1	M
1	9.897	9.904	-0.007	4299055	133.6	
		Average of Peak Amounts =			131.6	
2	5.032	5.027	0.005	10546245	119.9	M
2	6.093	6.090	0.003	9670720	114.4	
2	6.529	6.525	0.004	22987966	126.5	
2	6.942	6.937	0.005	10545324	102.4	
2	8.033	8.026	0.007	6717540	138.2	
		Average of Peak Amounts =			120.3	
					RPD = 9.02	
$ 11 DCB Decachlorobiphenyl						
1	10.462	10.471	-0.009	4011128	4.03	
2	8.964	8.963	0.001	6501975	3.75	
					RPD = 7.22	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

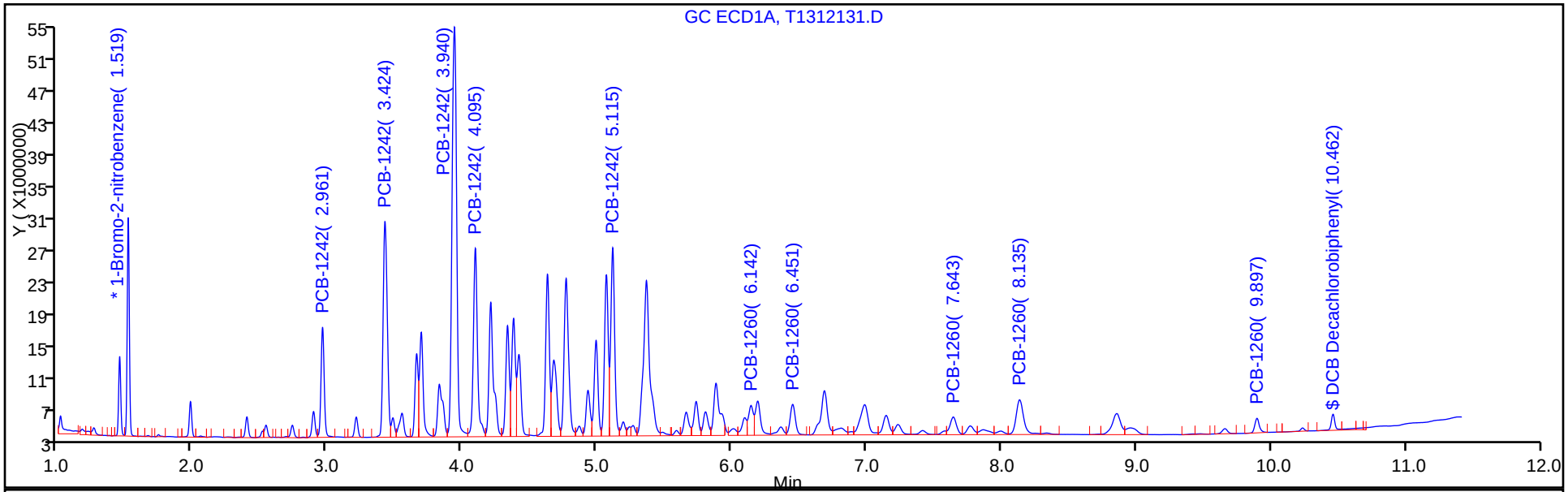
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

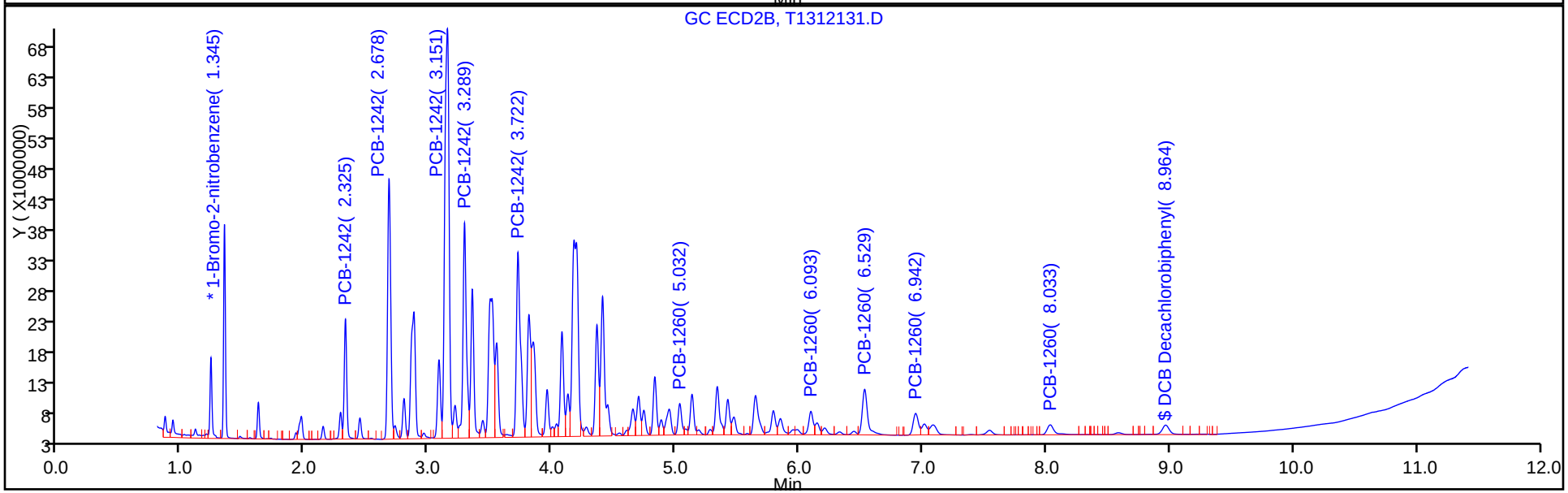
Report Date: 12-Nov-2015 12:23:14 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312131.D

Injection Date:	12-Nov-2015 06:33:38	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-E-12-A	Lab Sample ID:	460-104194-12	Worklist Smp#:	66
Client ID:	PMP-16-NW2-WT				
Injection Vol:	1.0 ul	Dil. Factor:	20.0000	ALS Bottle#:	66
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





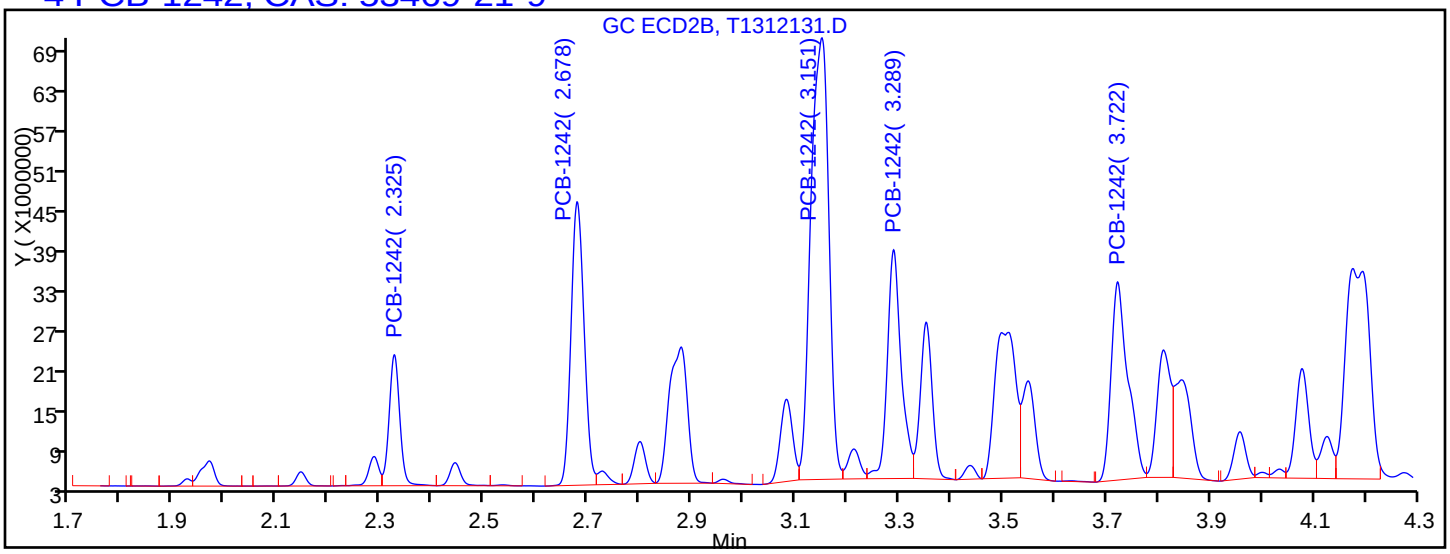
Report Date: 12-Nov-2015 12:23:14 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312131.D

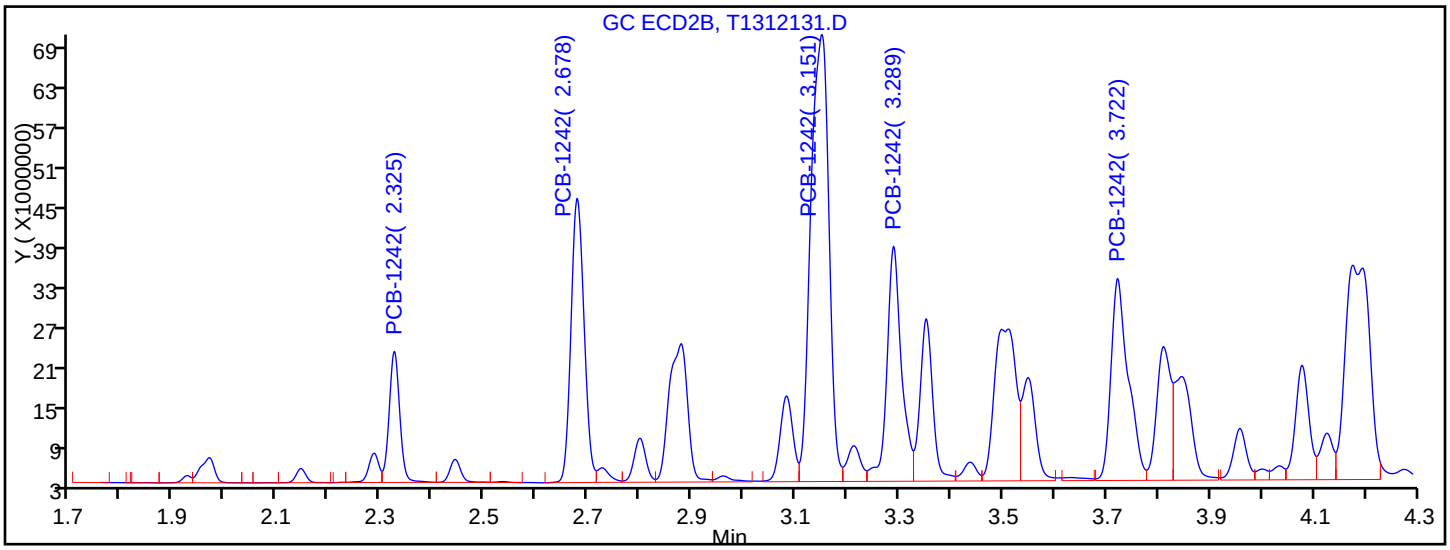
Injection Date:	12-Nov-2015 06:33:38	Instrument ID:	CPESTGC11		
Lims ID:	460-104194-E-12-A	Lab Sample ID:	460-104194-12		
Client ID:	PMP-16-NW2-WT				
Operator ID:		ALS Bottle#:	66	Worklist Smp#:	66
Injection Vol:	1.0 ul	Dil. Factor:	20.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.325	Response = 28209847	
RT = 2.678	Response = 75144577	
RT = 3.151	Response = 160191141	M
RT = 3.289	Response = 64529207	M
RT = 3.722	Response = 67228262	M



Manual Integration Results

RT = 2.325	Response = 28209847	
RT = 2.678	Response = 75144577	
RT = 3.151	Response = 164311342	M
RT = 3.289	Response = 69418253	M
RT = 3.722	Response = 70726242	M

Reviewer: patelji, 12-Nov-2015 09:57:40

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

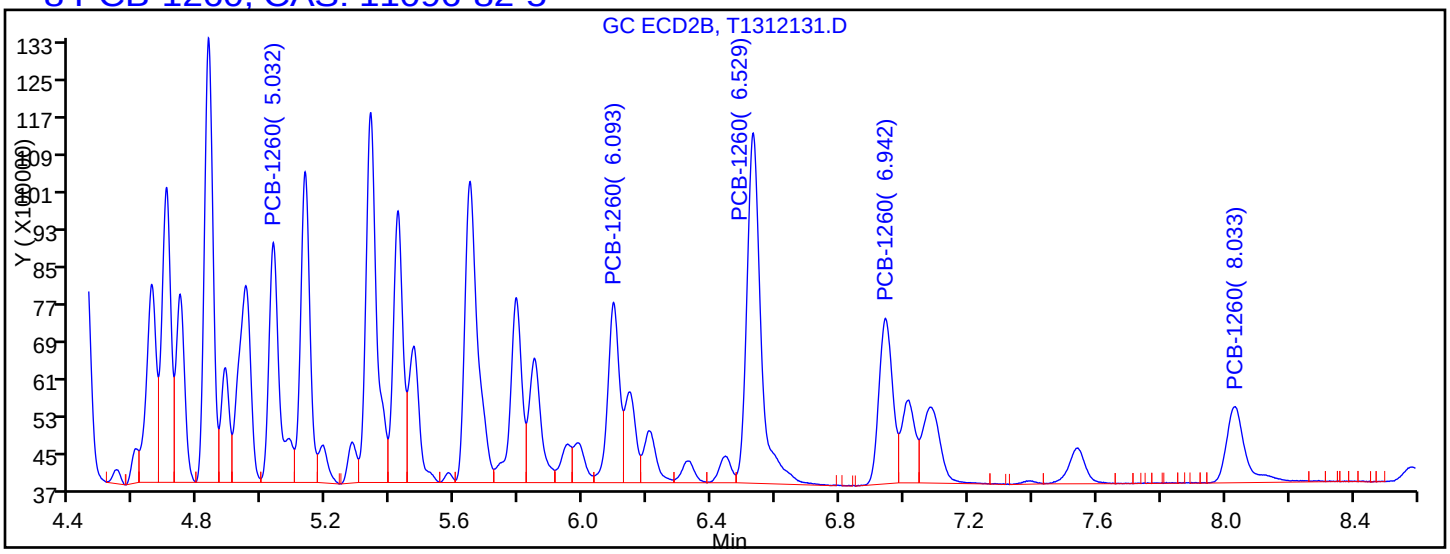
Report Date: 12-Nov-2015 12:23:15 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312131.D

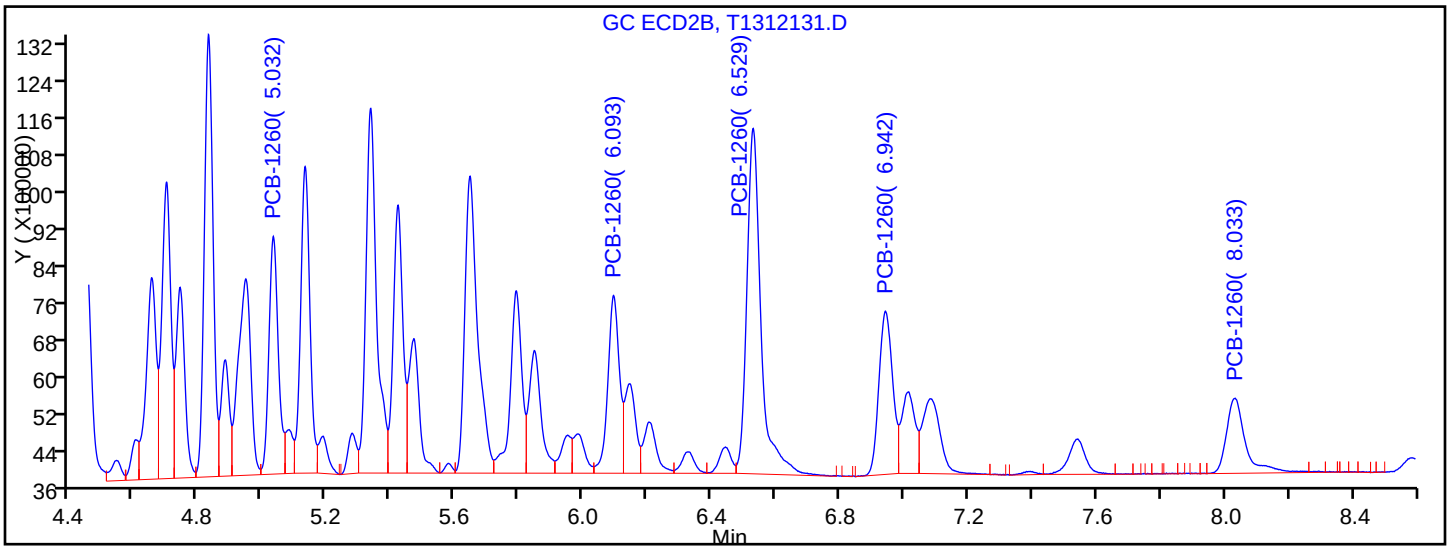
Injection Date:	12-Nov-2015 06:33:38	Instrument ID:	CPESTGC11
Lims ID:	460-104194-E-12-A	Lab Sample ID:	460-104194-12
Client ID:	PMP-16-NW2-WT		
Operator ID:		ALS Bottle#:	66 Worklist Smp#: 66
Injection Vol:	1.0 ul	Dil. Factor:	20.0000
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.032	Response = 11941892	M
RT = 6.093	Response = 9670720	
RT = 6.529	Response = 22987966	
RT = 6.942	Response = 10545324	
RT = 8.033	Response = 6717540	



Manual Integration Results

RT = 5.032	Response = 10546245	M
RT = 6.093	Response = 9670720	
RT = 6.529	Response = 22987966	
RT = 6.942	Response = 10545324	
RT = 8.033	Response = 6717540	

Reviewer: patelji, 12-Nov-2015 09:57:40

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-17-NW2-WT | Lab Sample ID: 460-104194-13

Matrix: Solid | Lab File ID: T1312132.D

Analysis Method: 8082A | Date Collected: 11/06/2015 09:52

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0081(g) | Date Analyzed: 11/12/2015 06:48

Con. Extract Vol.: 10(mL) | Dilution Factor: 200

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	210000		14000	1900

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312132.D
Lims ID: 460-104194-A-13-A Lab Sample ID: 460-104194-13
Client ID: PMP-17-NW2-WT
Sample Type: Client
Inject. Date: 12-Nov-2015 06:48:10 ALS Bottle#: 67 Worklist Smp#: 67
Injection Vol: 1.0 ul Dil. Factor: 200.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:07 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 09:53:02

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	31562170	20.0	
2	1.345	1.339	0.006	38264998	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	2.962	2.963	-0.001	27458006	1335.2	
1	3.424	3.426	-0.002	58121597	1493.9	
1	3.940	3.940	0.000	120968925	1542.0	
1	4.094	4.096	-0.002	49716922	1496.1	
1	5.114	5.116	-0.002	45439858	1513.8	
		Average of Peak Amounts =			1476.2	
2	2.324	2.327	-0.003	34890353	1286.1	M
2	2.678	2.680	-0.002	76305677	1494.6	M
2	3.150	3.140	0.010	166955488	1531.3	M
2	3.289	3.290	-0.001	72247532	1543.0	M
2	3.722	3.723	-0.001	70816755	1513.5	M
		Average of Peak Amounts =			1473.7	
					RPD = 0.17	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

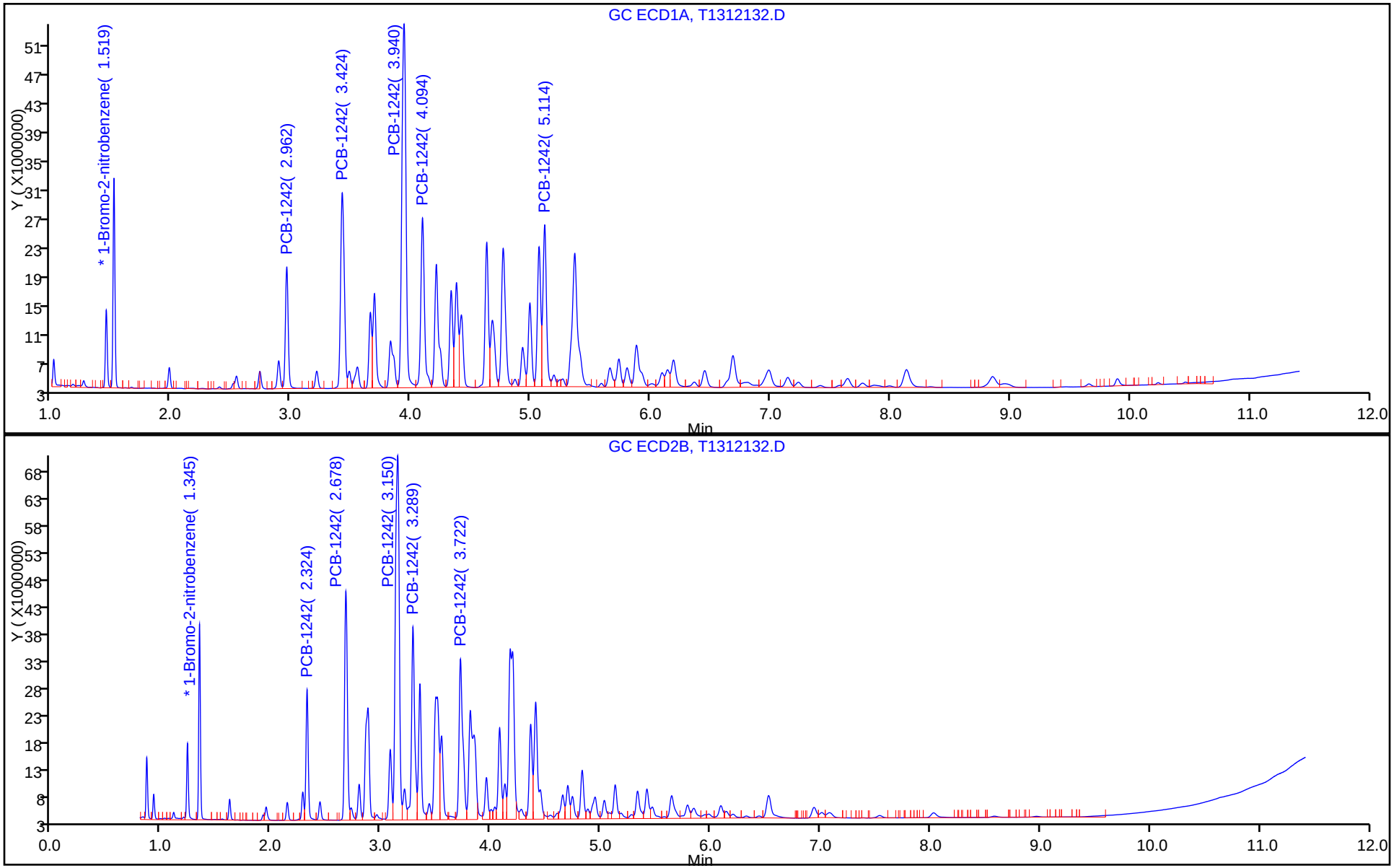
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 12-Nov-2015 12:23:16 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312132.D

Injection Date:	12-Nov-2015 06:48:10	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-A-13-A	Lab Sample ID:	460-104194-13	Worklist Smp#:	67
Client ID:	PMP-17-NW2-WT				
Injection Vol:	1.0 ul	Dil. Factor:	200.0000	ALS Bottle#:	67
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-17-NW2-WT | Lab Sample ID: 460-104194-13

Matrix: Solid | Lab File ID: T1312132.D

Analysis Method: 8082A | Date Collected: 11/06/2015 09:52

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0081(g) | Date Analyzed: 11/12/2015 06:48

Con. Extract Vol.: 10(mL) | Dilution Factor: 200

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	1900	U	14000	1900
11104-28-2	Aroclor 1221	1900	U	14000	1900
11141-16-5	Aroclor 1232	1900	U	14000	1900
12672-29-6	Aroclor 1248	1900	U	14000	1900
11097-69-1	Aroclor 1254	1900	U	14000	1900
11096-82-5	Aroclor 1260	1900	U	14000	1900
37324-23-5	Aroclor 1262	1900	U	14000	1900
11100-14-4	Aroclor 1268	1900	U	14000	1900

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312132.D
Lims ID: 460-104194-A-13-A Lab Sample ID: 460-104194-13
Client ID: PMP-17-NW2-WT
Sample Type: Client
Inject. Date: 12-Nov-2015 06:48:10 ALS Bottle#: 67 Worklist Smp#: 67
Injection Vol: 1.0 ul Dil. Factor: 200.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:07 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 09:53:02

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	31562170	20.0	
2	1.345	1.339	0.006	38264998	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	2.962	2.963	-0.001	27458006	1335.2	
1	3.424	3.426	-0.002	58121597	1493.9	
1	3.940	3.940	0.000	120968925	1542.0	
1	4.094	4.096	-0.002	49716922	1496.1	
1	5.114	5.116	-0.002	45439858	1513.8	
		Average of Peak Amounts =			1476.2	
2	2.324	2.327	-0.003	34890353	1286.1	M
2	2.678	2.680	-0.002	76305677	1494.6	M
2	3.150	3.140	0.010	166955488	1531.3	M
2	3.289	3.290	-0.001	72247532	1543.0	M
2	3.722	3.723	-0.001	70816755	1513.5	M
		Average of Peak Amounts =			1473.7	
					RPD = 0.17	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

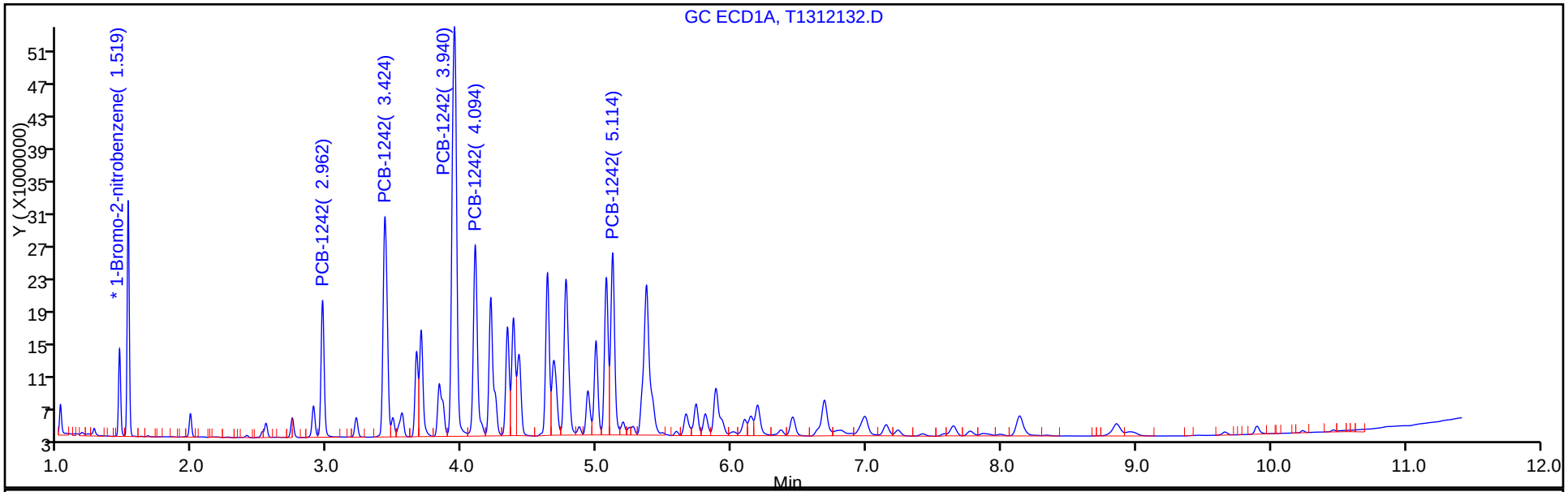
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

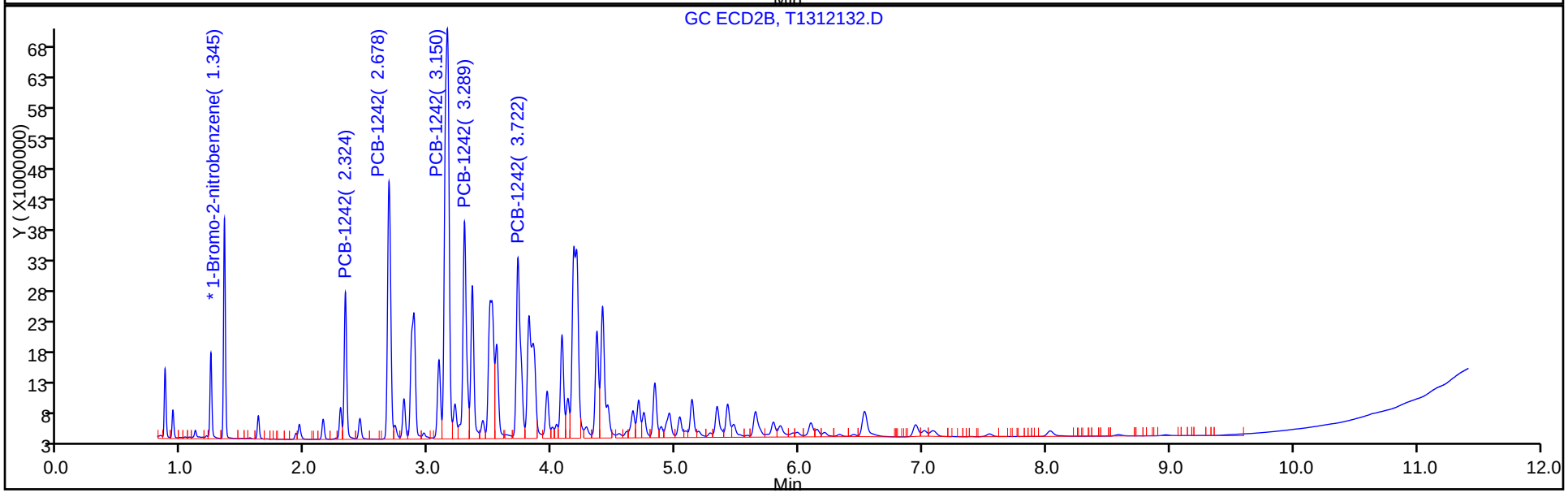
Report Date: 12-Nov-2015 12:23:17 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312132.D

Injection Date:	12-Nov-2015 06:48:10	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-A-13-A	Lab Sample ID:	460-104194-13	Worklist Smp#:	67
Client ID:	PMP-17-NW2-WT				
Injection Vol:	1.0 ul	Dil. Factor:	200.0000	ALS Bottle#:	67
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





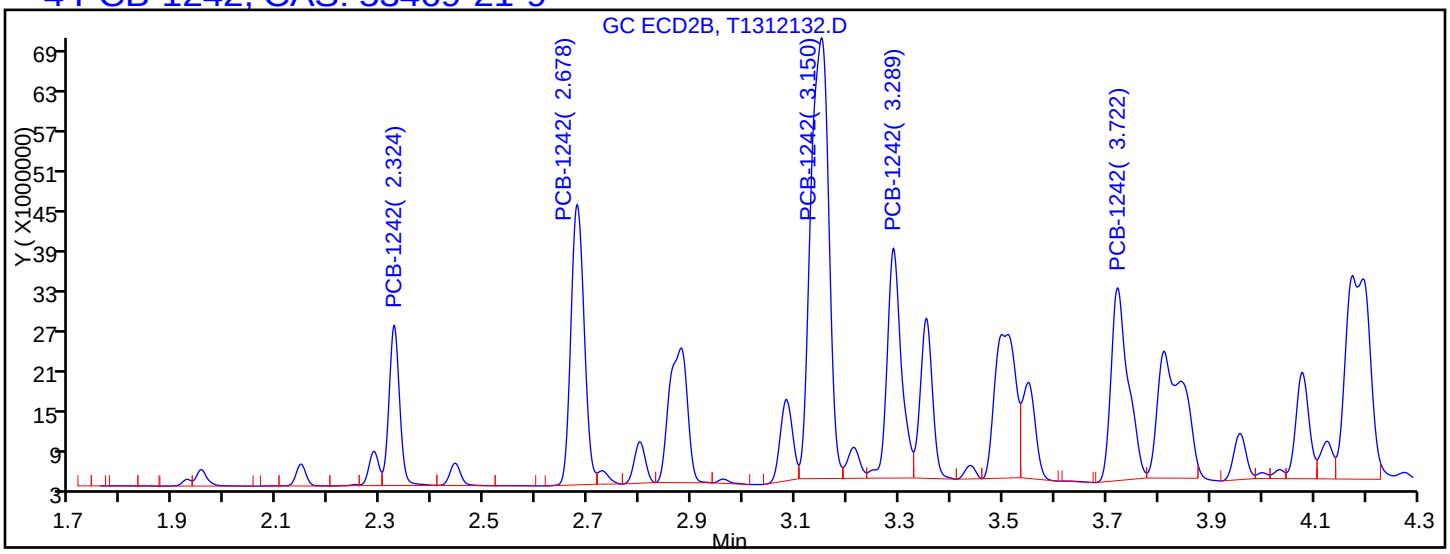
Report Date: 12-Nov-2015 12:23:17 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312132.D

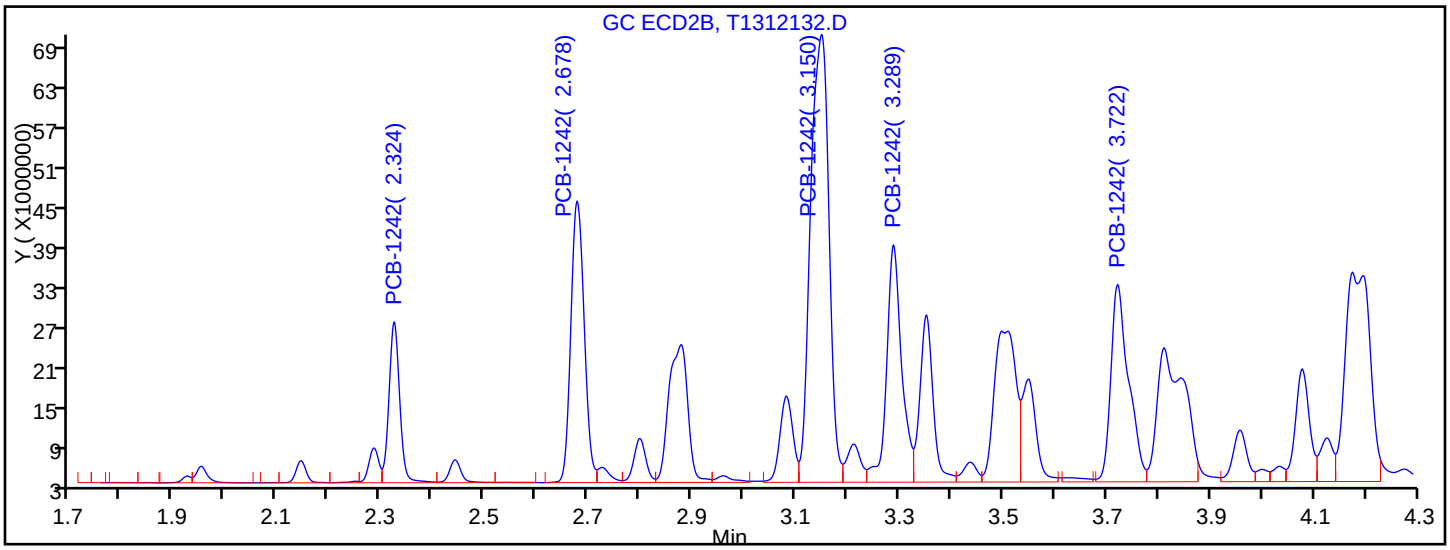
Injection Date:	12-Nov-2015 06:48:10	Instrument ID:	CPESTGC11
Lims ID:	460-104194-A-13-A	Lab Sample ID:	460-104194-13
Client ID:	PMP-17-NW2-WT		
Operator ID:		ALS Bottle#:	67 Worklist Smp#: 67
Injection Vol:	1.0 ul	Dil. Factor:	200.0000
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD2B

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.324	Response = 34376406	M
RT = 2.678	Response = 75584858	M
RT = 3.150	Response = 161597145	M
RT = 3.289	Response = 66214009	M
RT = 3.722	Response = 66536978	M



Manual Integration Results

RT = 2.324	Response = 34890353	M
RT = 2.678	Response = 76305677	M
RT = 3.150	Response = 166955488	M
RT = 3.289	Response = 72247532	M
RT = 3.722	Response = 70816755	M

Reviewer: patelji, 12-Nov-2015 09:53:02

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-18-NW2-WT | Lab Sample ID: 460-104194-14

Matrix: Solid | Lab File ID: T1312133.D

Analysis Method: 8082A | Date Collected: 11/06/2015 10:45

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0342(g) | Date Analyzed: 11/12/2015 07:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 100

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	52000		7100	940

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312133.D
Lims ID: 460-104194-A-14-A Lab Sample ID: 460-104194-14
Client ID: PMP-18-NW2-WT
Sample Type: Client
Inject. Date: 12-Nov-2015 07:02:46 ALS Bottle#: 68 Worklist Smp#: 68
Injection Vol: 1.0 ul Dil. Factor: 100.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:07 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 09:51:39

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	30519484	20.0	
2	1.345	1.339	0.006	37494813	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	2.961	2.963	-0.002	12220198	614.5	
1	3.425	3.426	-0.001	29236331	777.1	
1	3.941	3.940	0.001	59153496	779.8	
1	4.095	4.096	-0.001	23951131	745.4	
1	5.115	5.116	-0.001	22498741	775.2	
		Average of Peak Amounts =			738.4	
2	2.324	2.327	-0.003	15097001	567.9	
2	2.679	2.680	-0.001	39555845	790.7	
2	3.150	3.140	0.010	80512757	753.6	M
2	3.289	3.290	-0.001	34128823	743.9	M
2	3.722	3.723	-0.001	35409459	772.3	M
		Average of Peak Amounts =			725.7	
					RPD = 1.73	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

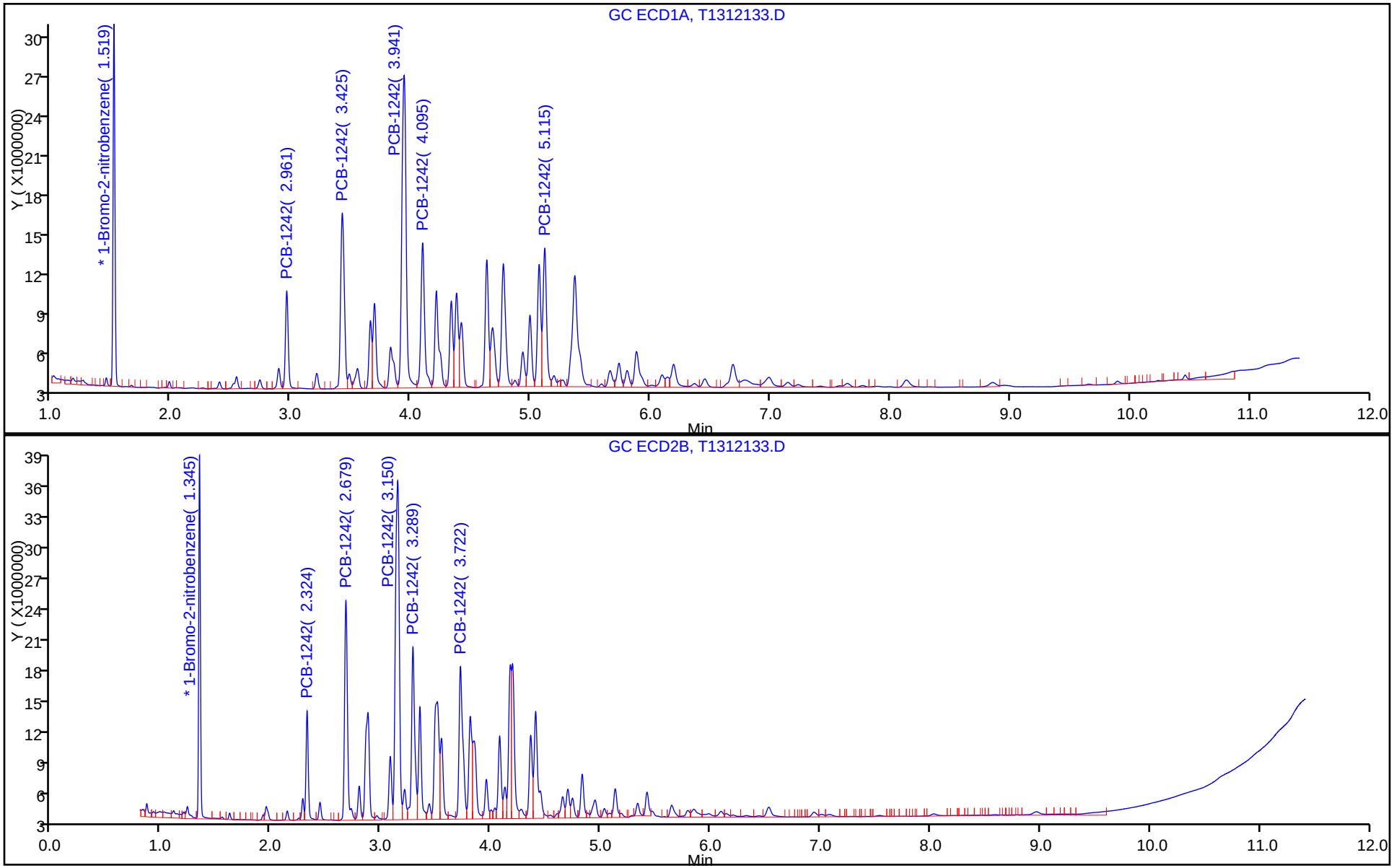
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 12-Nov-2015 12:23:18 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312133.D

Injection Date:	12-Nov-2015 07:02:46	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-A-14-A	Lab Sample ID:	460-104194-14	Worklist Smp#:	68
Client ID:	PMP-18-NW2-WT				
Injection Vol:	1.0 ul	Dil. Factor:	100.0000	ALS Bottle#:	68
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-18-NW2-WT | Lab Sample ID: 460-104194-14

Matrix: Solid | Lab File ID: T1312133.D

Analysis Method: 8082A | Date Collected: 11/06/2015 10:45

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0342(g) | Date Analyzed: 11/12/2015 07:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 100

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	940	U	7100	940
11104-28-2	Aroclor 1221	940	U	7100	940
11141-16-5	Aroclor 1232	940	U	7100	940
12672-29-6	Aroclor 1248	940	U	7100	940
11097-69-1	Aroclor 1254	970	U	7100	970
11096-82-5	Aroclor 1260	970	U	7100	970
37324-23-5	Aroclor 1262	970	U	7100	970
11100-14-4	Aroclor 1268	970	U	7100	970

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312133.D
Lims ID: 460-104194-A-14-A Lab Sample ID: 460-104194-14
Client ID: PMP-18-NW2-WT
Sample Type: Client
Inject. Date: 12-Nov-2015 07:02:46 ALS Bottle#: 68 Worklist Smp#: 68
Injection Vol: 1.0 ul Dil. Factor: 100.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:07 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 09:51:39

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	30519484	20.0	
2	1.345	1.339	0.006	37494813	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	2.961	2.963	-0.002	12220198	614.5	
1	3.425	3.426	-0.001	29236331	777.1	
1	3.941	3.940	0.001	59153496	779.8	
1	4.095	4.096	-0.001	23951131	745.4	
1	5.115	5.116	-0.001	22498741	775.2	
		Average of Peak Amounts =			738.4	
2	2.324	2.327	-0.003	15097001	567.9	
2	2.679	2.680	-0.001	39555845	790.7	
2	3.150	3.140	0.010	80512757	753.6	M
2	3.289	3.290	-0.001	34128823	743.9	M
2	3.722	3.723	-0.001	35409459	772.3	M
		Average of Peak Amounts =			725.7	
					RPD = 1.73	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

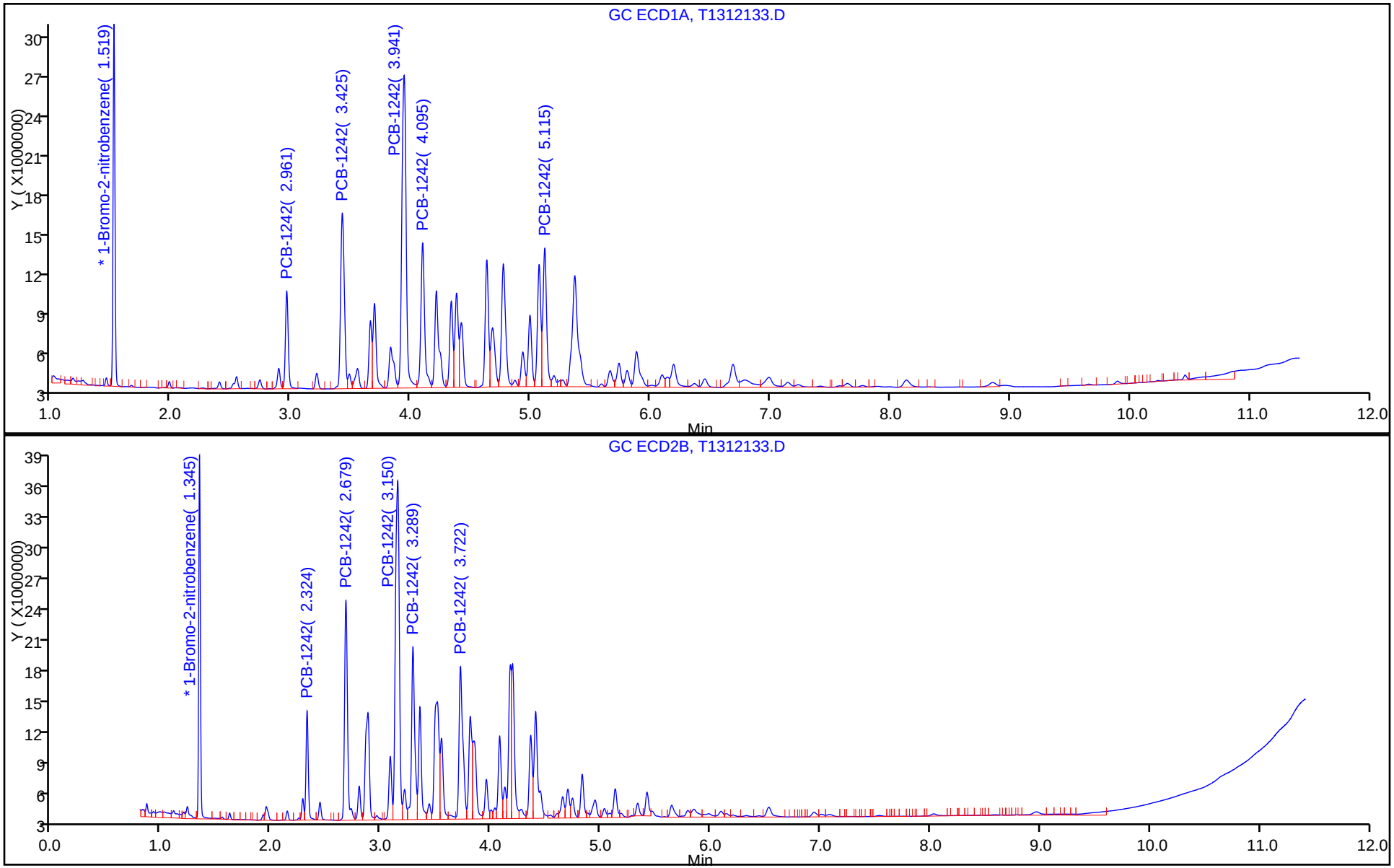
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 12-Nov-2015 12:23:19 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312133.D

Injection Date:	12-Nov-2015 07:02:46	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-A-14-A	Lab Sample ID:	460-104194-14	Worklist Smp#:	68
Client ID:	PMP-18-NW2-WT				
Injection Vol:	1.0 ul	Dil. Factor:	100.0000	ALS Bottle#:	68
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



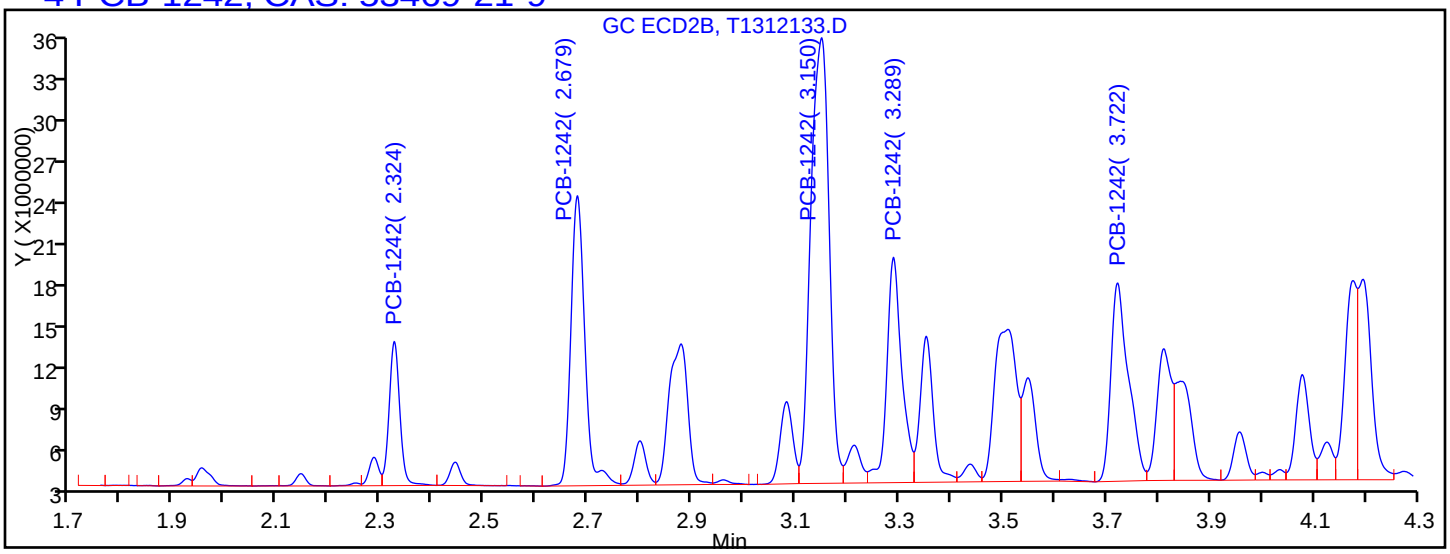
Report Date: 12-Nov-2015 12:23:19 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312133.D

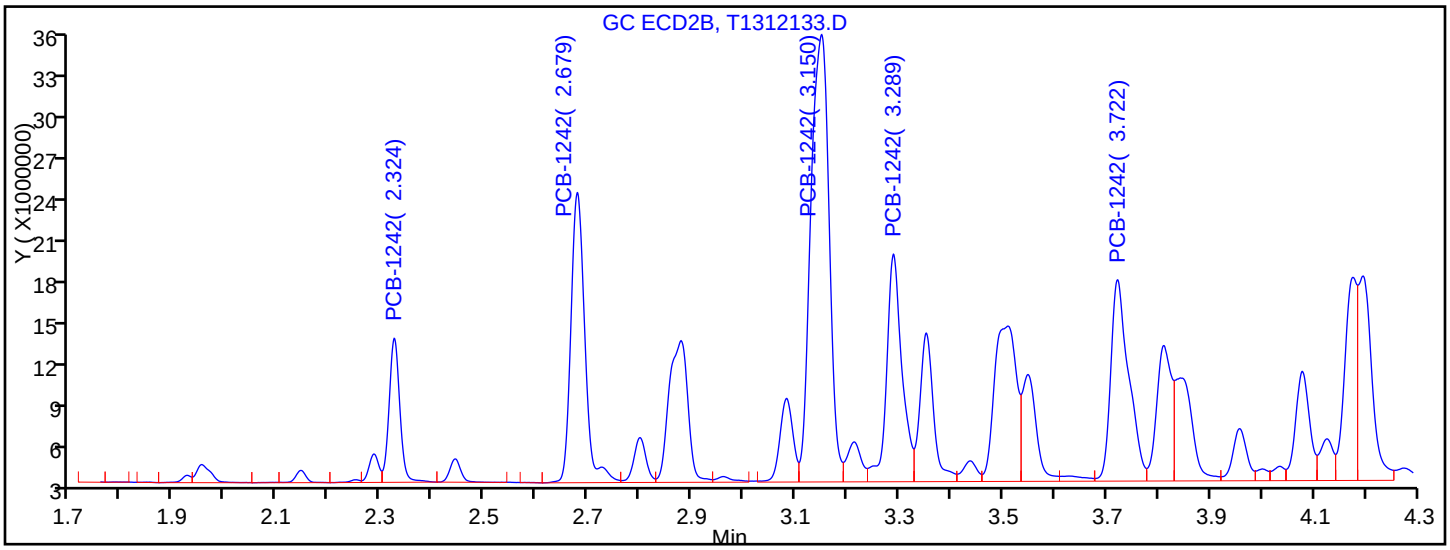
Injection Date:	12-Nov-2015 07:02:46	Instrument ID:	CPESTGC11		
Lims ID:	460-104194-A-14-A	Lab Sample ID:	460-104194-14		
Client ID:	PMP-18-NW2-WT				
Operator ID:		ALS Bottle#:	68	Worklist Smp#:	68
Injection Vol:	1.0 ul	Dil. Factor:	100.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.324	Response = 15097001	
RT = 2.679	Response = 39555845	
RT = 3.150	Response = 79809794	M
RT = 3.289	Response = 33195581	M
RT = 3.722	Response = 34016364	M



Manual Integration Results

RT = 2.324	Response = 15097001	
RT = 2.679	Response = 39555845	
RT = 3.150	Response = 80512757	M
RT = 3.289	Response = 34128823	M
RT = 3.722	Response = 35409459	M

Reviewer: patelji, 12-Nov-2015 09:51:39

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-19-NW2-WT | Lab Sample ID: 460-104194-15

Matrix: Solid | Lab File ID: T1312134.D

Analysis Method: 8082A | Date Collected: 11/06/2015 11:15

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0069(g) | Date Analyzed: 11/12/2015 07:17

Con. Extract Vol.: 10(mL) | Dilution Factor: 100

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	59000		7000	930

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312134.D
Lims ID: 460-104194-E-15-A Lab Sample ID: 460-104194-15
Client ID: PMP-19-NW2-WT
Sample Type: Client
Inject. Date: 12-Nov-2015 07:17:20 ALS Bottle#: 69 Worklist Smp#: 69
Injection Vol: 1.0 ul Dil. Factor: 100.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:07 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 09:51:01

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	29716211	20.0	
2	1.345	1.339	0.006	36688198	20.0	
				RPD =	0.00	
4 PCB-1242						
1	2.962	2.963	-0.001	14212338	734.0	
1	3.425	3.426	-0.001	31729213	866.2	
1	3.942	3.940	0.002	65691208	889.4	
1	4.095	4.096	-0.001	27121992	866.9	
1	5.115	5.116	-0.001	25132032	889.3	
		Average of Peak Amounts =			849.2	
2	2.325	2.327	-0.002	17649216	678.5	
2	2.679	2.680	-0.001	42444155	867.1	
2	3.151	3.140	0.011	89096999	852.3	
2	3.290	3.290	0.000	38107943	848.9	
2	3.723	3.723	0.000	39139182	872.5	
		Average of Peak Amounts =			823.9	
				RPD =	3.02	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

Reagents:

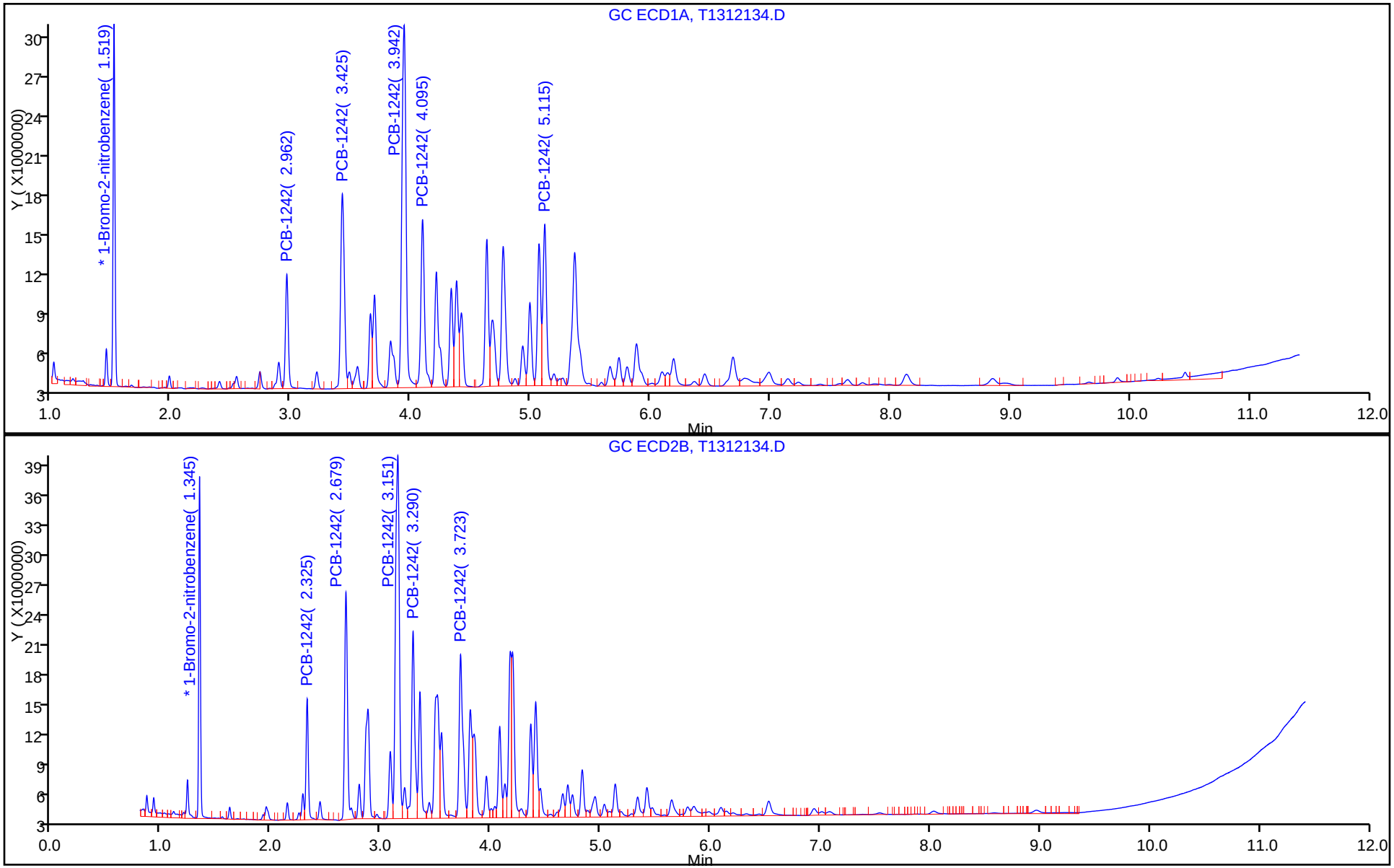
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 12-Nov-2015 12:23:21 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312134.D

Injection Date:	12-Nov-2015 07:17:20	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-E-15-A	Lab Sample ID:	460-104194-15	Worklist Smp#:	69
Client ID:	PMP-19-NW2-WT				
Injection Vol:	1.0 ul	Dil. Factor:	100.0000	ALS Bottle#:	69
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-19-NW2-WT | Lab Sample ID: 460-104194-15

Matrix: Solid | Lab File ID: T1312134.D

Analysis Method: 8082A | Date Collected: 11/06/2015 11:15

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0069(g) | Date Analyzed: 11/12/2015 07:17

Con. Extract Vol.: 10(mL) | Dilution Factor: 100

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	930	U	7000	930
11104-28-2	Aroclor 1221	930	U	7000	930
11141-16-5	Aroclor 1232	930	U	7000	930
12672-29-6	Aroclor 1248	930	U	7000	930
11097-69-1	Aroclor 1254	960	U	7000	960
11096-82-5	Aroclor 1260	960	U	7000	960
37324-23-5	Aroclor 1262	960	U	7000	960
11100-14-4	Aroclor 1268	960	U	7000	960

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312134.D
Lims ID: 460-104194-E-15-A Lab Sample ID: 460-104194-15
Client ID: PMP-19-NW2-WT
Sample Type: Client
Inject. Date: 12-Nov-2015 07:17:20 ALS Bottle#: 69 Worklist Smp#: 69
Injection Vol: 1.0 ul Dil. Factor: 100.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:07 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 09:51:01

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	29716211	20.0	
2	1.345	1.339	0.006	36688198	20.0	
				RPD =	0.00	
4 PCB-1242						
1	2.962	2.963	-0.001	14212338	734.0	
1	3.425	3.426	-0.001	31729213	866.2	
1	3.942	3.940	0.002	65691208	889.4	
1	4.095	4.096	-0.001	27121992	866.9	
1	5.115	5.116	-0.001	25132032	889.3	
		Average of Peak Amounts =			849.2	
2	2.325	2.327	-0.002	17649216	678.5	
2	2.679	2.680	-0.001	42444155	867.1	
2	3.151	3.140	0.011	89096999	852.3	
2	3.290	3.290	0.000	38107943	848.9	
2	3.723	3.723	0.000	39139182	872.5	
		Average of Peak Amounts =			823.9	
				RPD =	3.02	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

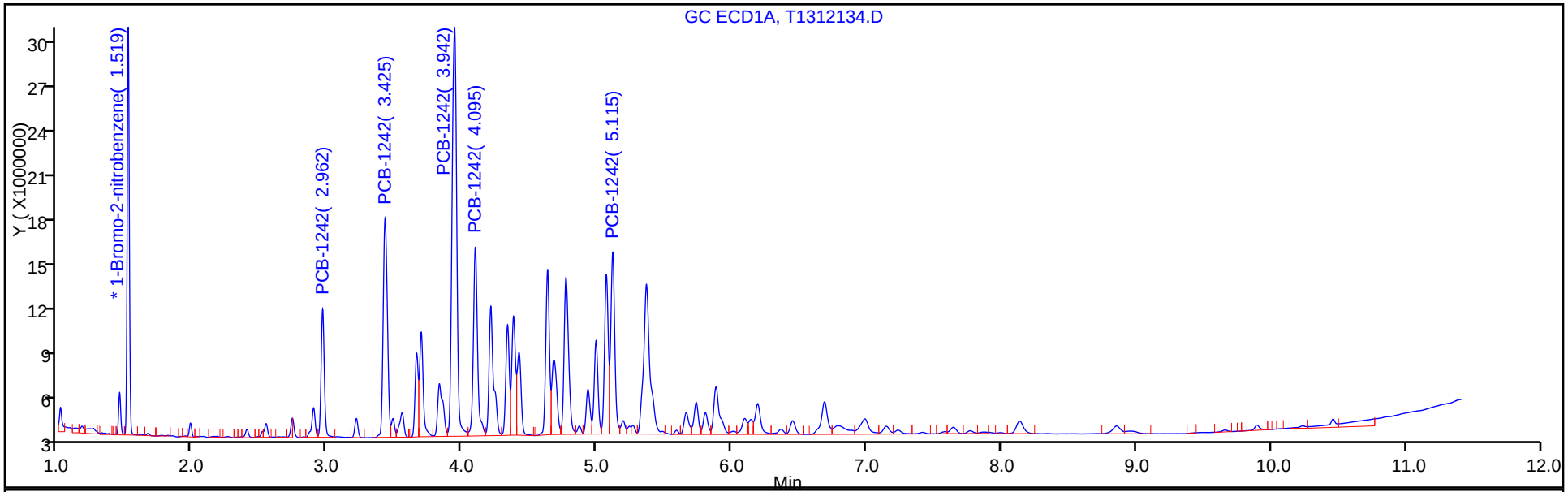
Reagents:

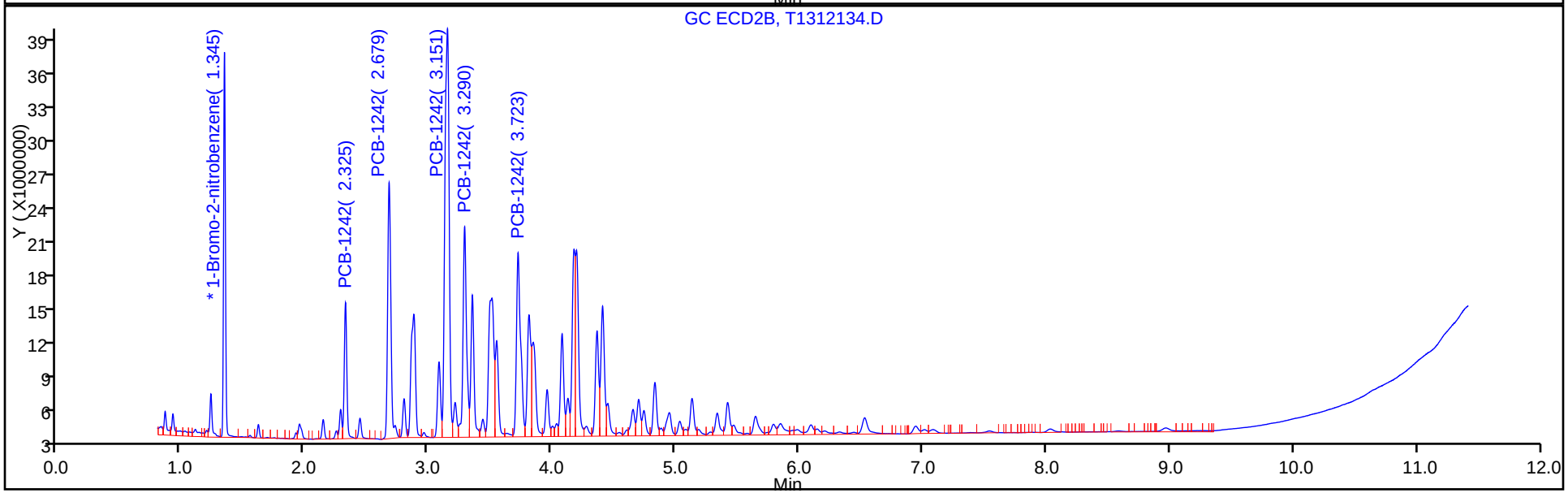
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 12-Nov-2015 12:23:21 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312134.D				
Injection Date:	12-Nov-2015 07:17:20	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-E-15-A	Lab Sample ID:	460-104194-15	Worklist Smp#:	69
Client ID:	PMP-19-NW2-WT				
Injection Vol:	1.0 ul	Dil. Factor:	100.0000	ALS Bottle#:	69
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-20-NW2-WT | Lab Sample ID: 460-104194-16

Matrix: Solid | Lab File ID: T1312135.D

Analysis Method: 8082A | Date Collected: 11/06/2015 12:10

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0044(g) | Date Analyzed: 11/12/2015 07:31

Con. Extract Vol.: 10(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 8.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	44000		3700	490

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	121	*D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312135.D
Lims ID: 460-104194-A-16-A Lab Sample ID: 460-104194-16
Client ID: PMP-20-NW2-WT
Sample Type: Client
Inject. Date: 12-Nov-2015 07:31:57 ALS Bottle#: 70 Worklist Smp#: 70
Injection Vol: 1.0 ul Dil. Factor: 50.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:07 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 09:50:45

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	29827888	20.0	
2	1.345	1.339	0.006	36748698	20.0	
					RPD = 0.00	
4 PCB-1242						
1	2.961	2.963	-0.002	15510448	798.1	
1	3.425	3.426	-0.001	47982593	1305.0	
1	3.941	3.940	0.001	99373535	1340.4	
1	4.095	4.096	-0.001	38217449	1216.9	
1	5.114	5.116	-0.002	38702145	1364.3	
		Average of Peak Amounts =			1204.9	
2	2.325	2.327	-0.002	18957812	727.7	
2	2.678	2.680	-0.002	66280308	1351.8	
2	3.151	3.140	0.011	134550537	1285.0	
2	3.289	3.290	-0.001	53303979	1185.4	
2	3.721	3.723	-0.002	57605353	1282.0	
		Average of Peak Amounts =			1166.4	
					RPD = 3.25	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						M
1	10.463	10.471	-0.008	1194250	1.21	M
2	8.968	8.963	0.005	2206251	1.28	M
					RPD = 5.64	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

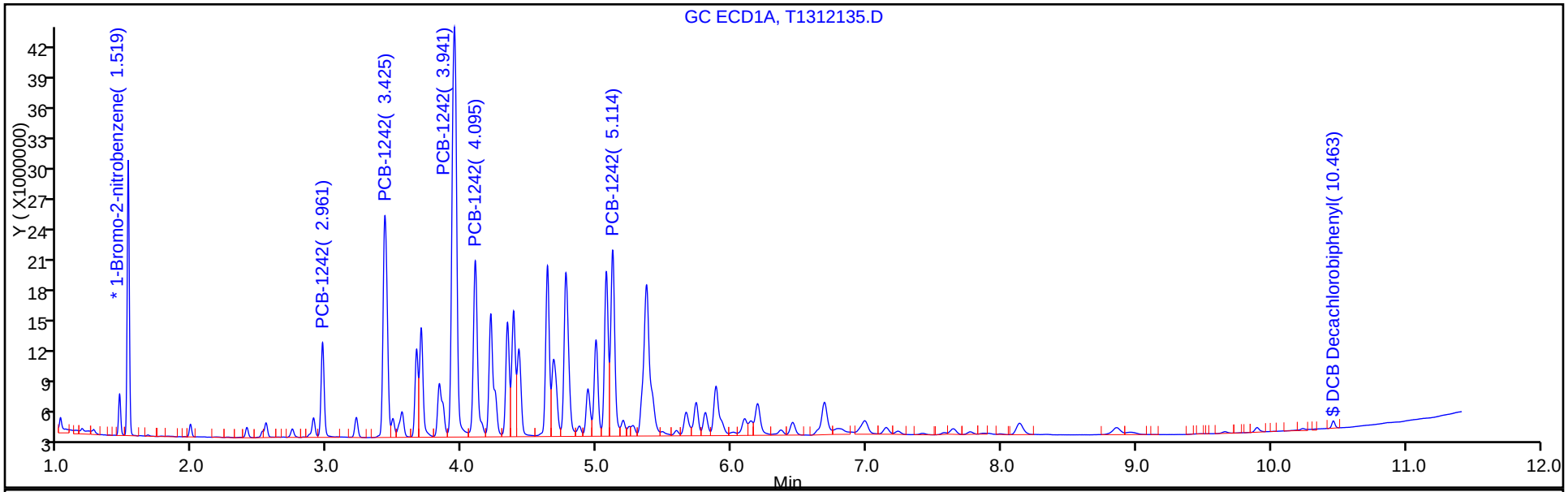
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

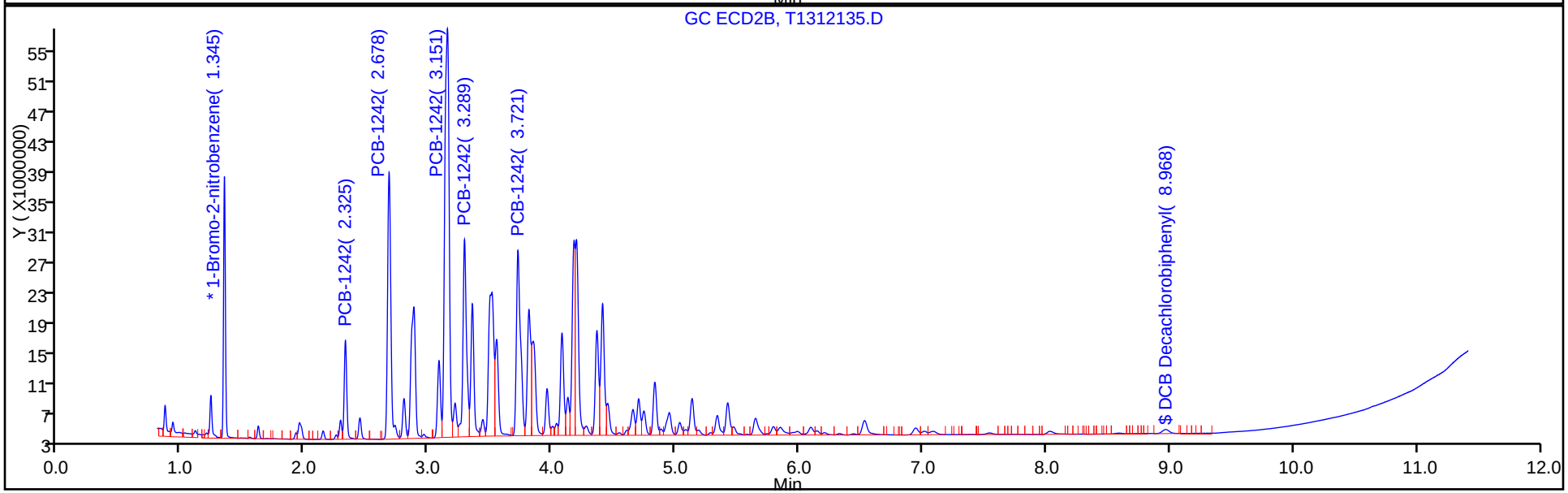
Report Date: 12-Nov-2015 12:23:23 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312135.D

Injection Date:	12-Nov-2015 07:31:57	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-A-16-A	Lab Sample ID:	460-104194-16	Worklist Smp#:	70
Client ID:	PMP-20-NW2-WT				
Injection Vol:	1.0 ul	Dil. Factor:	50.0000	ALS Bottle#:	70
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

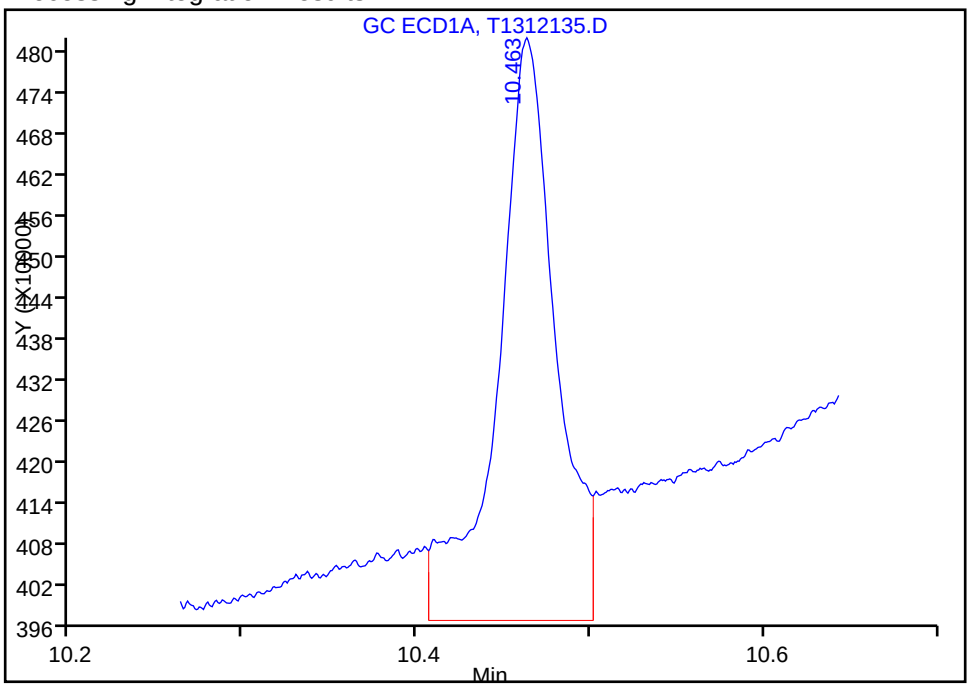
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312135.D				
Injection Date:	12-Nov-2015 07:31:57	Instrument ID:	CPESTGC11		
Lims ID:	460-104194-A-16-A	Lab Sample ID:	460-104194-16		
Client ID:	PMP-20-NW2-WT				
Operator ID:		ALS Bottle#:	70	Worklist Smp#:	70
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

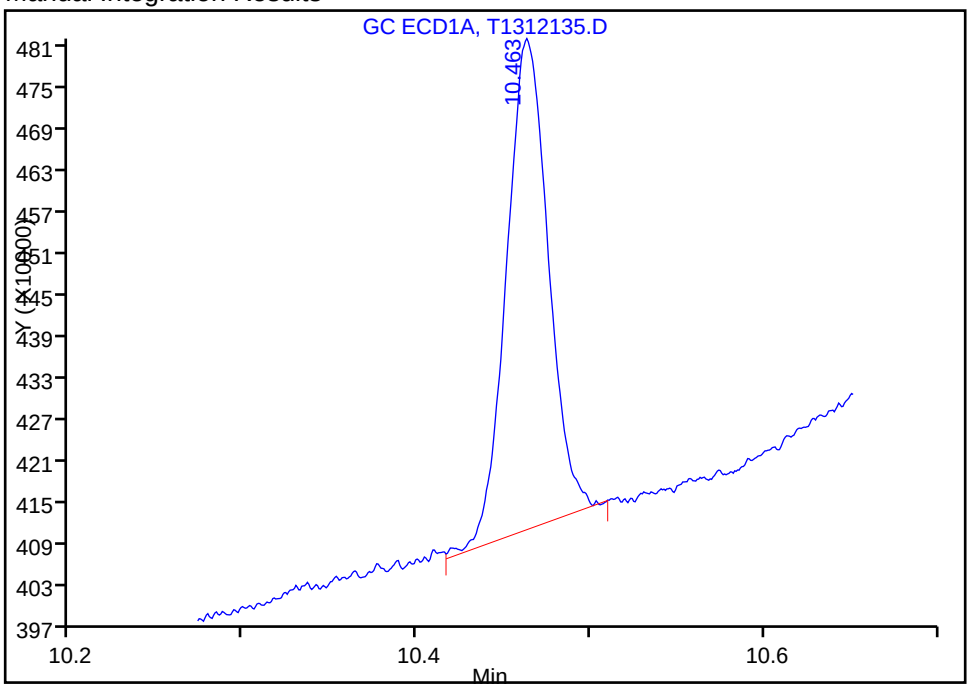
Processing Integration Results

RT: 10.46
Area: 2000800
Amount: 2.027212
Amount Units: ug/l



Manual Integration Results

RT: 10.46
Area: 1194250
Amount: 1.210015
Amount Units: ug/l



Reviewer: patelji, 12-Nov-2015 09:50:45
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-20-NW2-WT | Lab Sample ID: 460-104194-16

Matrix: Solid | Lab File ID: T1312135.D

Analysis Method: 8082A | Date Collected: 11/06/2015 12:10

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0044(g) | Date Analyzed: 11/12/2015 07:31

Con. Extract Vol.: 10(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 8.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	490	U	3700	490
11104-28-2	Aroclor 1221	490	U	3700	490
11141-16-5	Aroclor 1232	490	U	3700	490
12672-29-6	Aroclor 1248	490	U	3700	490
11097-69-1	Aroclor 1254	500	U	3700	500
11096-82-5	Aroclor 1260	500	U	3700	500
37324-23-5	Aroclor 1262	500	U	3700	500
11100-14-4	Aroclor 1268	500	U	3700	500

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	128	D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312135.D
Lims ID: 460-104194-A-16-A Lab Sample ID: 460-104194-16
Client ID: PMP-20-NW2-WT
Sample Type: Client
Inject. Date: 12-Nov-2015 07:31:57 ALS Bottle#: 70 Worklist Smp#: 70
Injection Vol: 1.0 ul Dil. Factor: 50.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:07 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 09:50:45

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	29827888	20.0	
2	1.345	1.339	0.006	36748698	20.0	
					RPD = 0.00	
4 PCB-1242						
1	2.961	2.963	-0.002	15510448	798.1	
1	3.425	3.426	-0.001	47982593	1305.0	
1	3.941	3.940	0.001	99373535	1340.4	
1	4.095	4.096	-0.001	38217449	1216.9	
1	5.114	5.116	-0.002	38702145	1364.3	
		Average of Peak Amounts =			1204.9	
2	2.325	2.327	-0.002	18957812	727.7	
2	2.678	2.680	-0.002	66280308	1351.8	
2	3.151	3.140	0.011	134550537	1285.0	
2	3.289	3.290	-0.001	53303979	1185.4	
2	3.721	3.723	-0.002	57605353	1282.0	
		Average of Peak Amounts =			1166.4	
					RPD = 3.25	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						M
1	10.463	10.471	-0.008	1194250	1.21	M
2	8.968	8.963	0.005	2206251	1.28	M
					RPD = 5.64	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

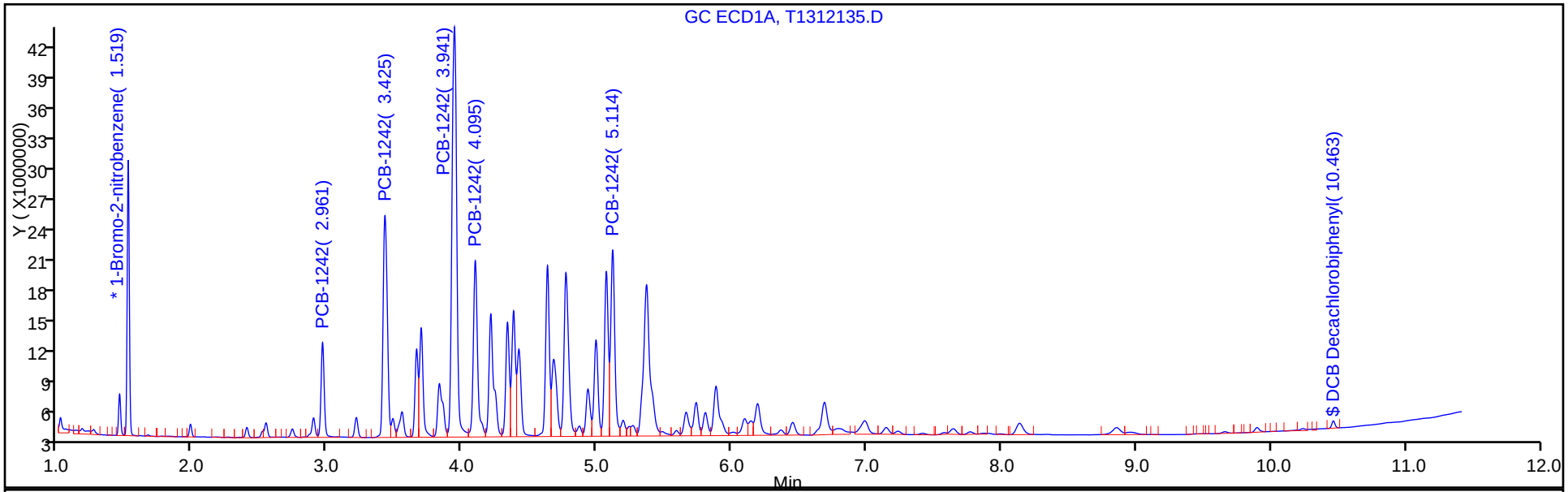
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

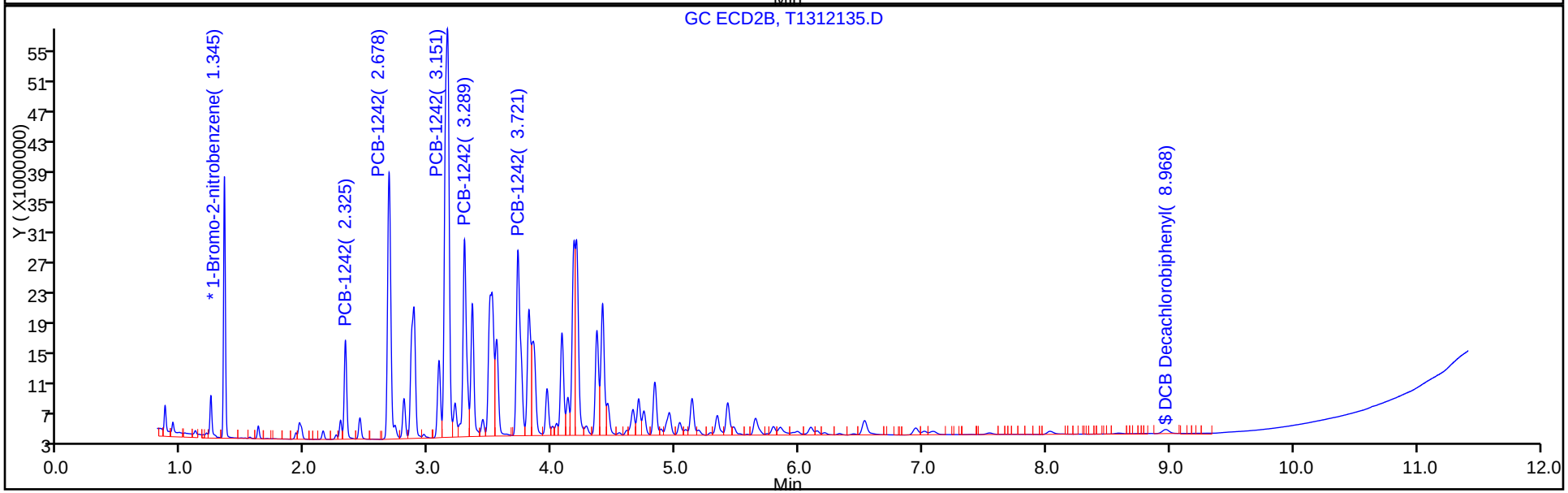
Report Date: 12-Nov-2015 12:23:24 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312135.D

Injection Date:	12-Nov-2015 07:31:57	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-A-16-A	Lab Sample ID:	460-104194-16	Worklist Smp#:	70
Client ID:	PMP-20-NW2-WT				
Injection Vol:	1.0 ul	Dil. Factor:	50.0000	ALS Bottle#:	70
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

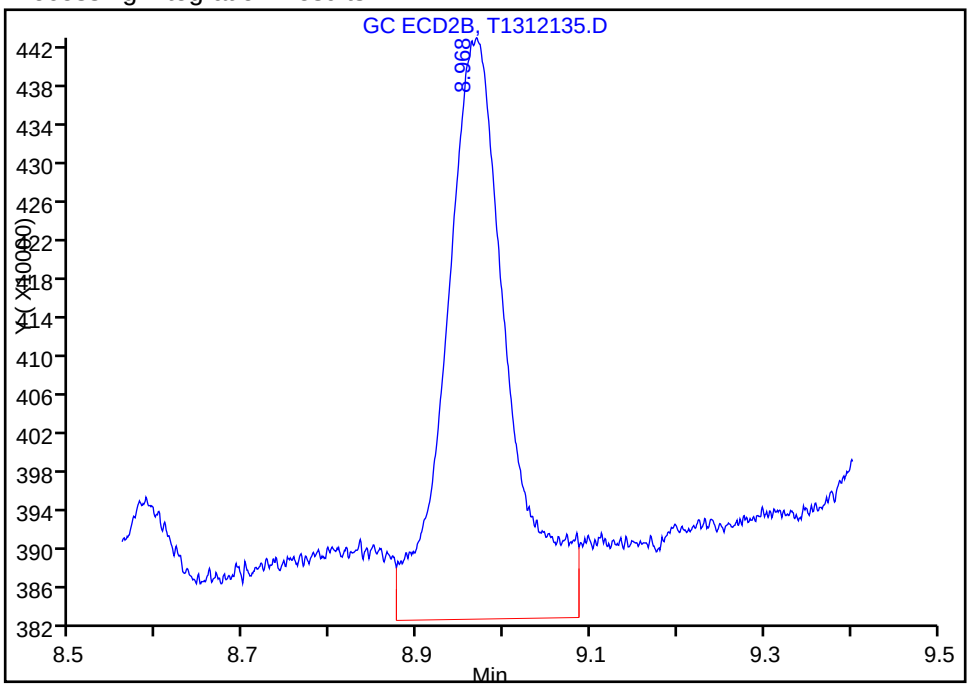
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312135.D				
Injection Date:	12-Nov-2015 07:31:57	Instrument ID:	CPESTGC11		
Lims ID:	460-104194-A-16-A	Lab Sample ID:	460-104194-16		
Client ID:	PMP-20-NW2-WT				
Operator ID:		ALS Bottle#:	70	Worklist Smp#:	70
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

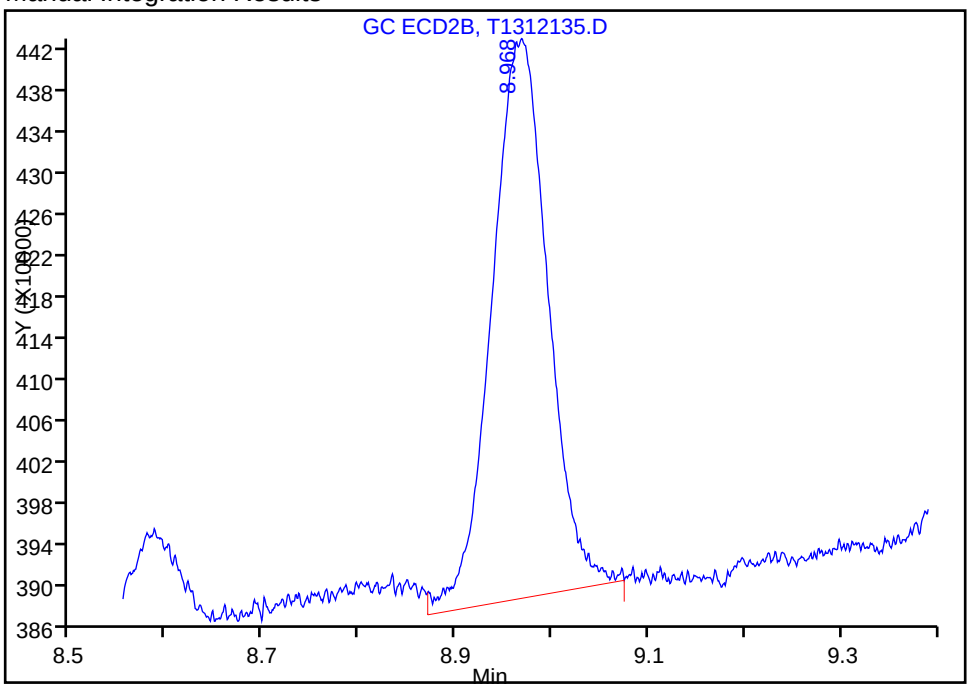
Processing Integration Results

RT: 8.97
Area: 2968382
Amount: 1.722553
Amount Units: ug/l



Manual Integration Results

RT: 8.97
Area: 2206251
Amount: 1.280288
Amount Units: ug/l



Reviewer: patelji, 12-Nov-2015 09:50:45
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-20-NW2-S | Lab Sample ID: 460-104194-17

Matrix: Solid | Lab File ID: T1312136.D

Analysis Method: 8082A | Date Collected: 11/06/2015 12:12

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0084(g) | Date Analyzed: 11/12/2015 07:46

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	26000		1500	210

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	204	*X D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312136.D
Lims ID: 460-104194-A-17-A Lab Sample ID: 460-104194-17
Client ID: PMP-20-NW2-S
Sample Type: Client
Inject. Date: 12-Nov-2015 07:46:33 ALS Bottle#: 71 Worklist Smp#: 71
Injection Vol: 1.0 ul Dil. Factor: 20.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:07 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 09:50:10

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	29439586	20.0	
2	1.345	1.339	0.006	36421086	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	2.961	2.963	-0.002	14753598	769.1	
1	3.424	3.426	-0.002	72657423	2002.1	M
1	3.940	3.940	0.000	140505624	1920.2	M
1	4.095	4.096	-0.001	51319125	1655.7	M
1	5.115	5.116	-0.001	58880016	2103.0	M
		Average of Peak Amounts =			1690.0	
2	2.324	2.327	-0.003	18348812	710.6	
2	2.678	2.680	-0.002	94716747	1949.2	M
2	3.150	3.140	0.010	189468888	1825.8	
2	3.289	3.290	-0.001	72736896	1632.1	
2	3.722	3.723	-0.001	88350456	1983.9	
		Average of Peak Amounts =			1620.3	
					RPD = 4.21	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.469	10.471	-0.002	4978567	5.11	
2	8.967	8.963	0.004	5468899	3.20	
					RPD = 45.92	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

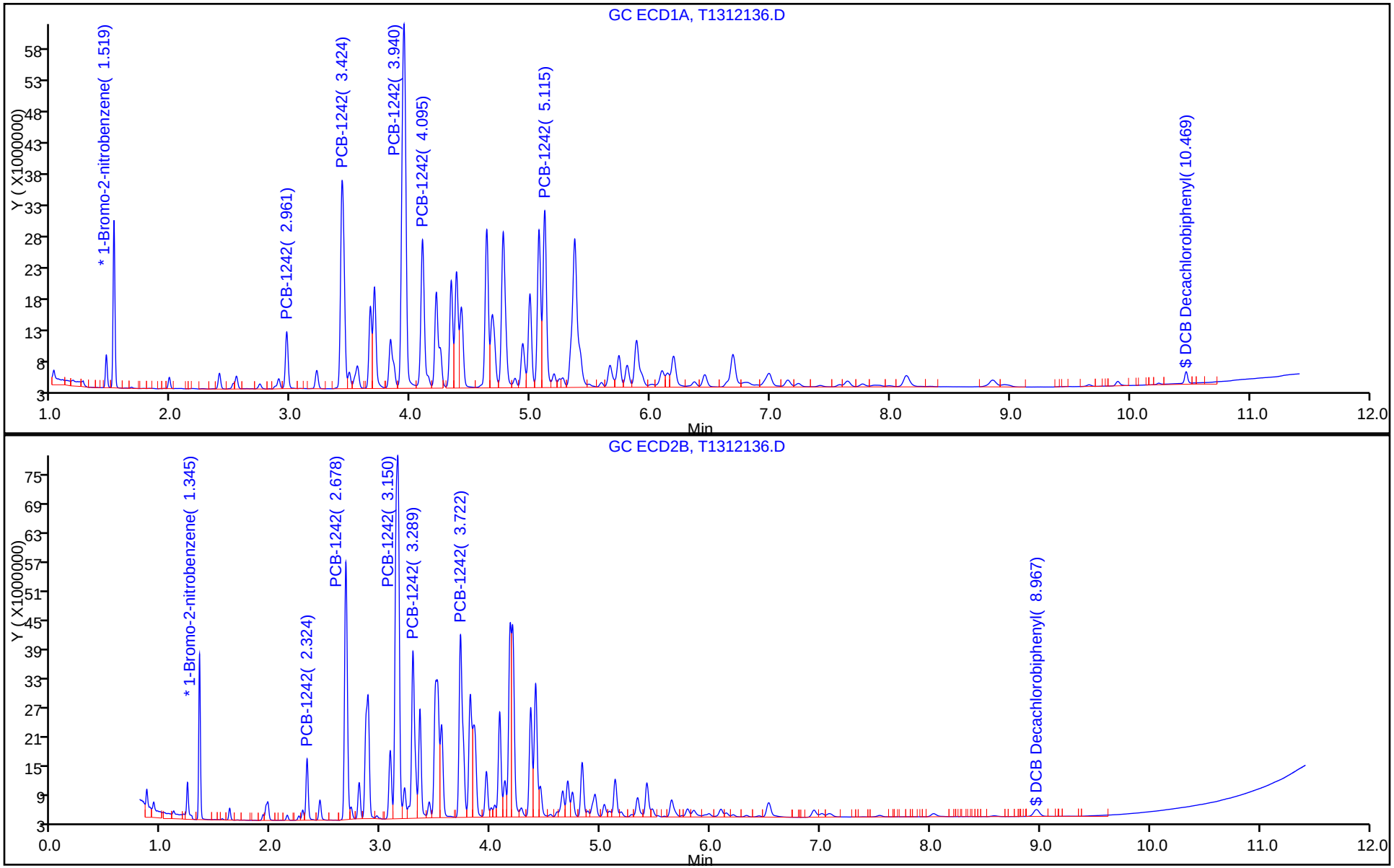
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 12-Nov-2015 12:23:26 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312136.D

Injection Date:	12-Nov-2015 07:46:33	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-A-17-A	Lab Sample ID:	460-104194-17	Worklist Smp#:	71
Client ID:	PMP-20-NW2-S				
Injection Vol:	1.0 ul	Dil. Factor:	20.0000	ALS Bottle#:	71
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



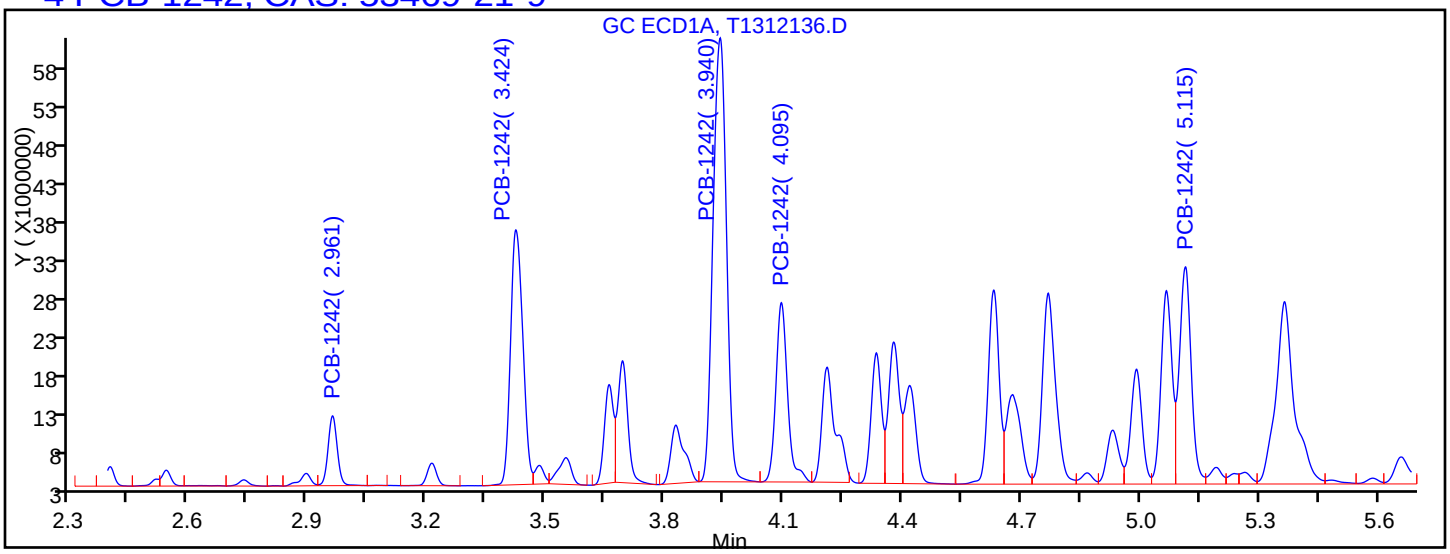
Report Date: 12-Nov-2015 12:23:26 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312136.D

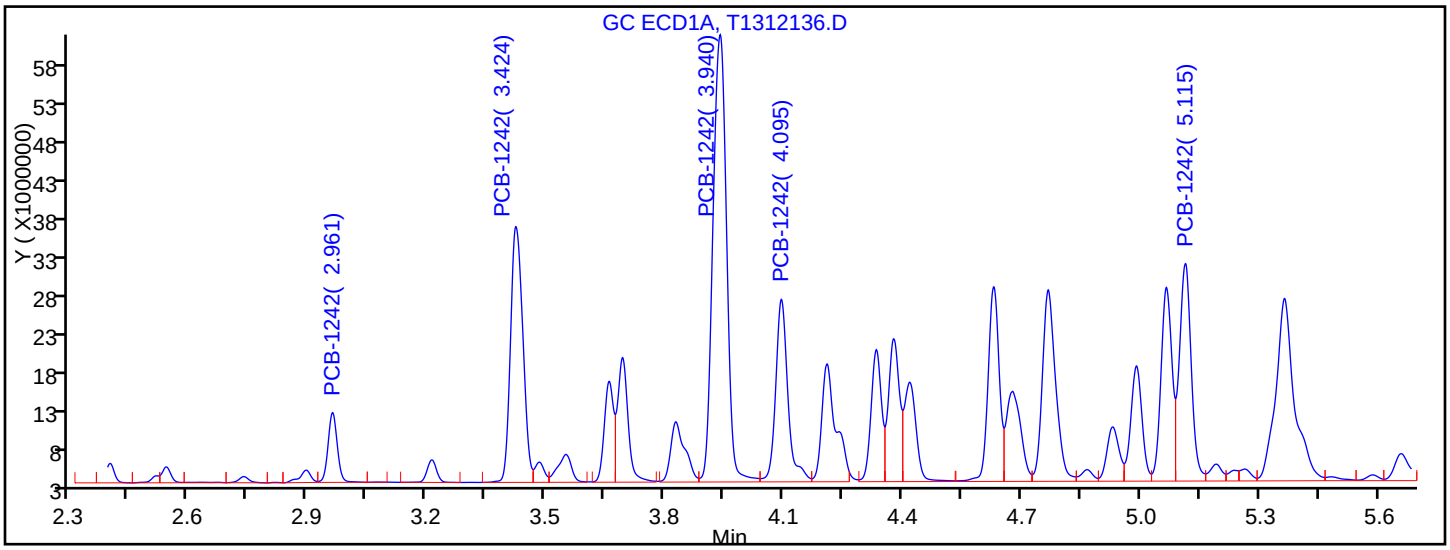
Injection Date:	12-Nov-2015 07:46:33	Instrument ID:	CPESTGC11		
Lims ID:	460-104194-A-17-A	Lab Sample ID:	460-104194-17		
Client ID:	PMP-20-NW2-S				
Operator ID:		ALS Bottle#:	71	Worklist Smp#:	71
Injection Vol:	1.0 ul	Dil. Factor:	20.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.961	Response = 14753598	
RT = 3.424	Response = 71941959	M
RT = 3.940	Response = 136397398	M
RT = 4.095	Response = 48115888	M
RT = 5.115	Response = 58703194	M



Manual Integration Results

RT = 2.961	Response = 14753598	
RT = 3.424	Response = 72657423	M
RT = 3.940	Response = 140505624	M
RT = 4.095	Response = 51319125	M
RT = 5.115	Response = 58880016	M

Reviewer: patelji, 12-Nov-2015 09:50:10

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-20-NW2-S | Lab Sample ID: 460-104194-17

Matrix: Solid | Lab File ID: T1312136.D

Analysis Method: 8082A | Date Collected: 11/06/2015 12:12

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0084(g) | Date Analyzed: 11/12/2015 07:46

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	210	U	1500	210
11104-28-2	Aroclor 1221	210	U	1500	210
11141-16-5	Aroclor 1232	210	U	1500	210
12672-29-6	Aroclor 1248	210	U	1500	210
11097-69-1	Aroclor 1254	210	U	1500	210
11096-82-5	Aroclor 1260	210	U	1500	210
37324-23-5	Aroclor 1262	210	U	1500	210
11100-14-4	Aroclor 1268	210	U	1500	210

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	128	p D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312136.D
Lims ID: 460-104194-A-17-A Lab Sample ID: 460-104194-17
Client ID: PMP-20-NW2-S
Sample Type: Client
Inject. Date: 12-Nov-2015 07:46:33 ALS Bottle#: 71 Worklist Smp#: 71
Injection Vol: 1.0 ul Dil. Factor: 20.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:07 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 09:50:10

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	29439586	20.0	
2	1.345	1.339	0.006	36421086	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	2.961	2.963	-0.002	14753598	769.1	
1	3.424	3.426	-0.002	72657423	2002.1	M
1	3.940	3.940	0.000	140505624	1920.2	M
1	4.095	4.096	-0.001	51319125	1655.7	M
1	5.115	5.116	-0.001	58880016	2103.0	M
		Average of Peak Amounts =			1690.0	
2	2.324	2.327	-0.003	18348812	710.6	
2	2.678	2.680	-0.002	94716747	1949.2	M
2	3.150	3.140	0.010	189468888	1825.8	
2	3.289	3.290	-0.001	72736896	1632.1	
2	3.722	3.723	-0.001	88350456	1983.9	
		Average of Peak Amounts =			1620.3	
					RPD = 4.21	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.469	10.471	-0.002	4978567	5.11	
2	8.967	8.963	0.004	5468899	3.20	
					RPD = 45.92	

QC Flag Legend

Review Flags

M - Manually Integrated

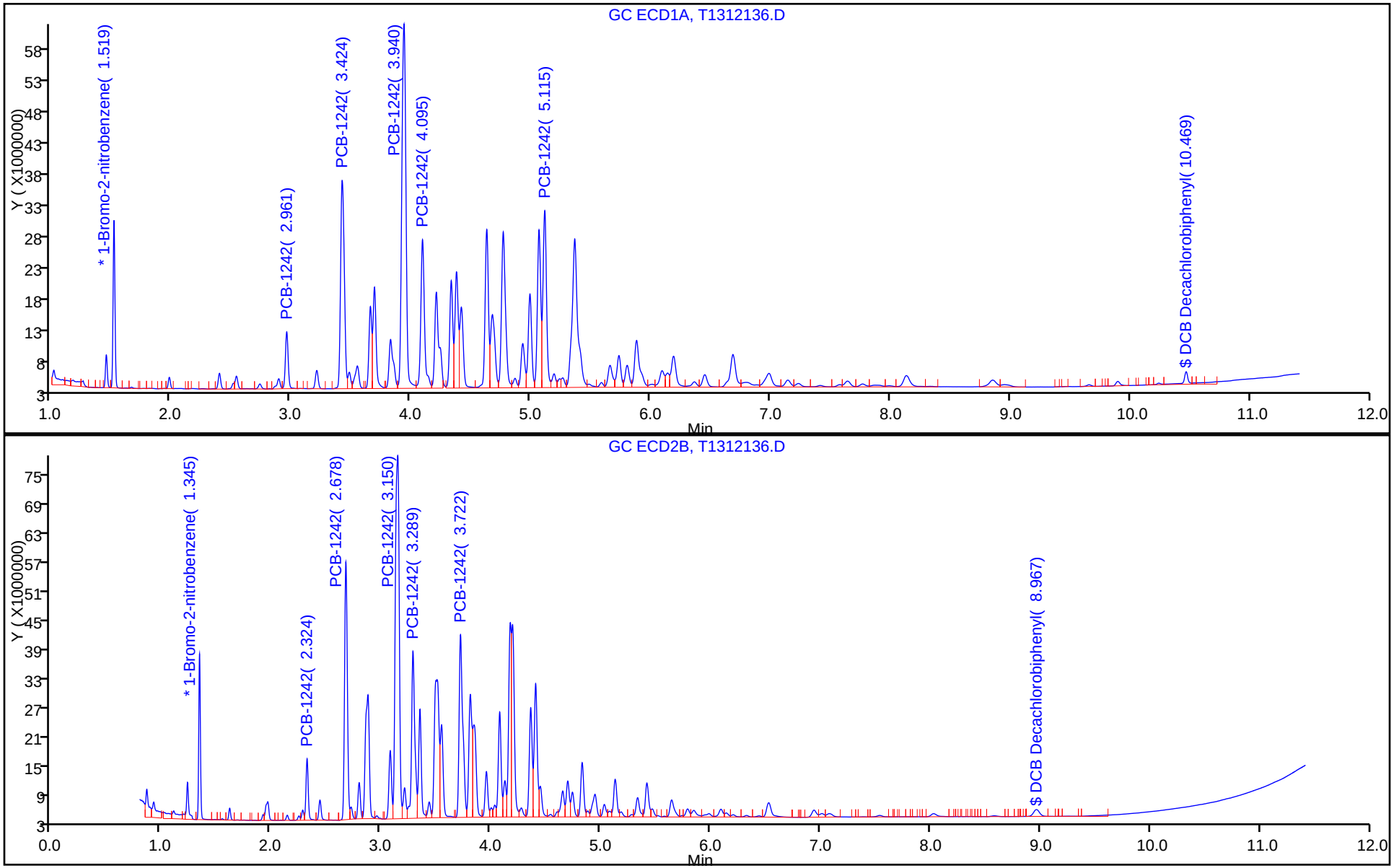
Reagents:

SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 12-Nov-2015 12:23:26 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312136.D				
Injection Date:	12-Nov-2015 07:46:33	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-A-17-A	Lab Sample ID:	460-104194-17	Worklist Smp#:	71
Client ID:	PMP-20-NW2-S				
Injection Vol:	1.0 ul	Dil. Factor:	20.0000	ALS Bottle#:	71
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



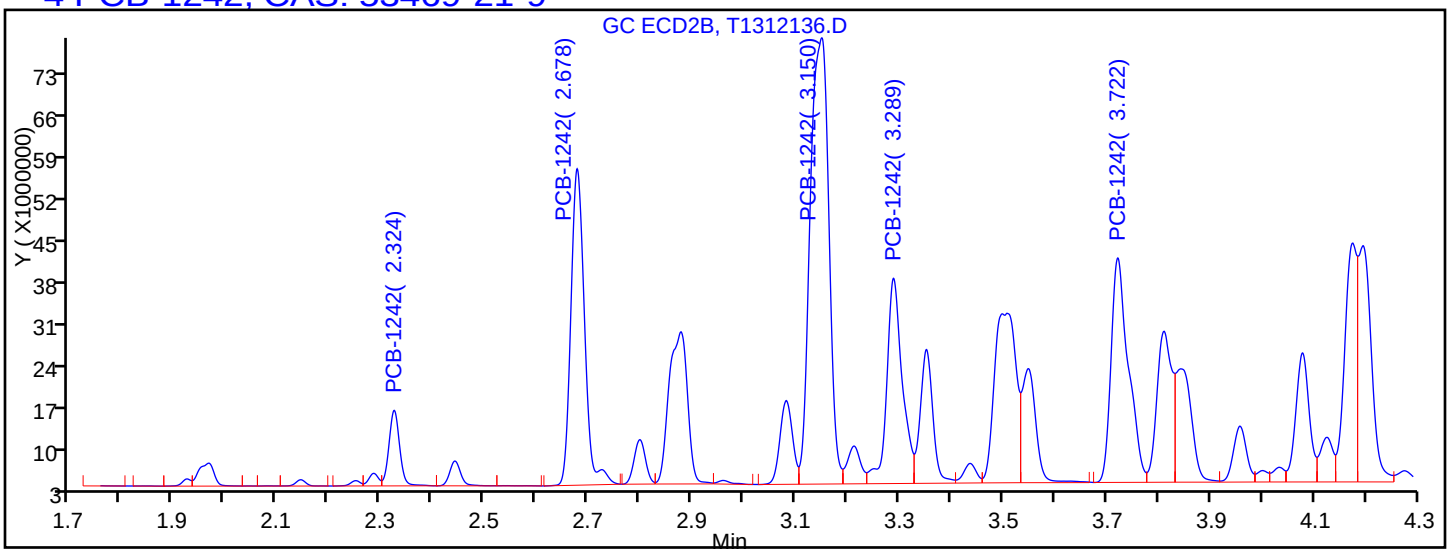
Report Date: 12-Nov-2015 12:23:27 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312136.D

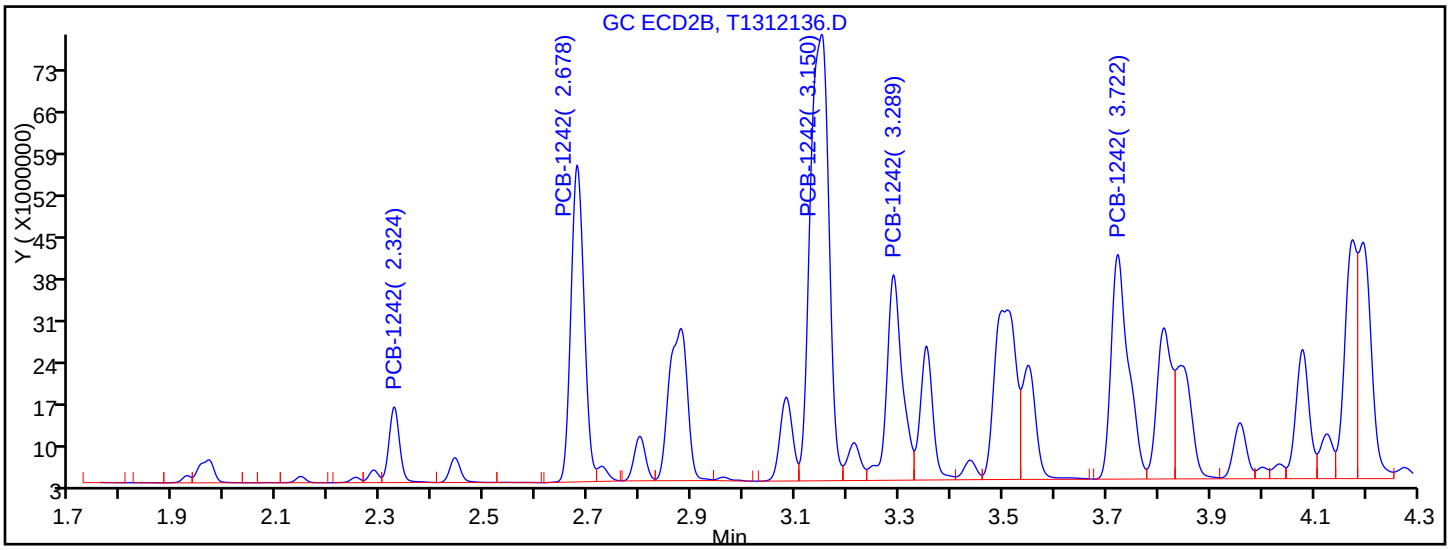
Injection Date:	12-Nov-2015 07:46:33	Instrument ID:	CPESTGC11
Lims ID:	460-104194-A-17-A	Lab Sample ID:	460-104194-17
Client ID:	PMP-20-NW2-S		
Operator ID:		ALS Bottle#:	71 Worklist Smp#: 71
Injection Vol:	1.0 ul	Dil. Factor:	20.0000
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD2B

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.324	Response = 18348812	
RT = 2.678	Response = 98266267	M
RT = 3.150	Response = 189468888	
RT = 3.289	Response = 72736896	
RT = 3.722	Response = 88350456	



Manual Integration Results

RT = 2.324	Response = 18348812	
RT = 2.678	Response = 94716747	M
RT = 3.150	Response = 189468888	
RT = 3.289	Response = 72736896	
RT = 3.722	Response = 88350456	

Reviewer: patelji, 12-Nov-2015 09:50:10

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-26-NW2-WT | Lab Sample ID: 460-104194-18

Matrix: Solid | Lab File ID: T1312137.D

Analysis Method: 8082A | Date Collected: 11/06/2015 11:55

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0060(g) | Date Analyzed: 11/12/2015 08:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	17000		1500	200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	128	*D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312137.D
Lims ID: 460-104194-A-18-A Lab Sample ID: 460-104194-18
Client ID: PMP-26-NW2-WT
Sample Type: Client
Inject. Date: 12-Nov-2015 08:01:08 ALS Bottle#: 72 Worklist Smp#: 72
Injection Vol: 1.0 ul Dil. Factor: 20.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:07 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 09:49:42

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	30905126	20.0	
2	1.344	1.339	0.005	37891534	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	2.961	2.963	-0.002	2223266	110.4	
1	3.424	3.426	-0.002	56487440	1482.7	
1	3.939	3.940	-0.001	114499643	1490.6	
1	4.094	4.096	-0.002	33963077	1043.8	
1	5.114	5.116	-0.002	53702019	1827.1	
		Average of Peak Amounts =			1190.9	
2	2.324	2.327	-0.003	2675742	99.6	
2	2.677	2.680	-0.003	75206010	1487.6	
2	3.148	3.140	0.008	158896274	1471.8	M
2	3.289	3.290	-0.001	47736450	1029.6	M
2	3.721	3.723	-0.002	80422346	1735.8	M
		Average of Peak Amounts =			1164.9	
					RPD = 2.21	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.467	10.471	-0.004	3285096	3.21	
2	8.964	8.963	0.001	5771969	3.25	
					RPD = 1.11	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

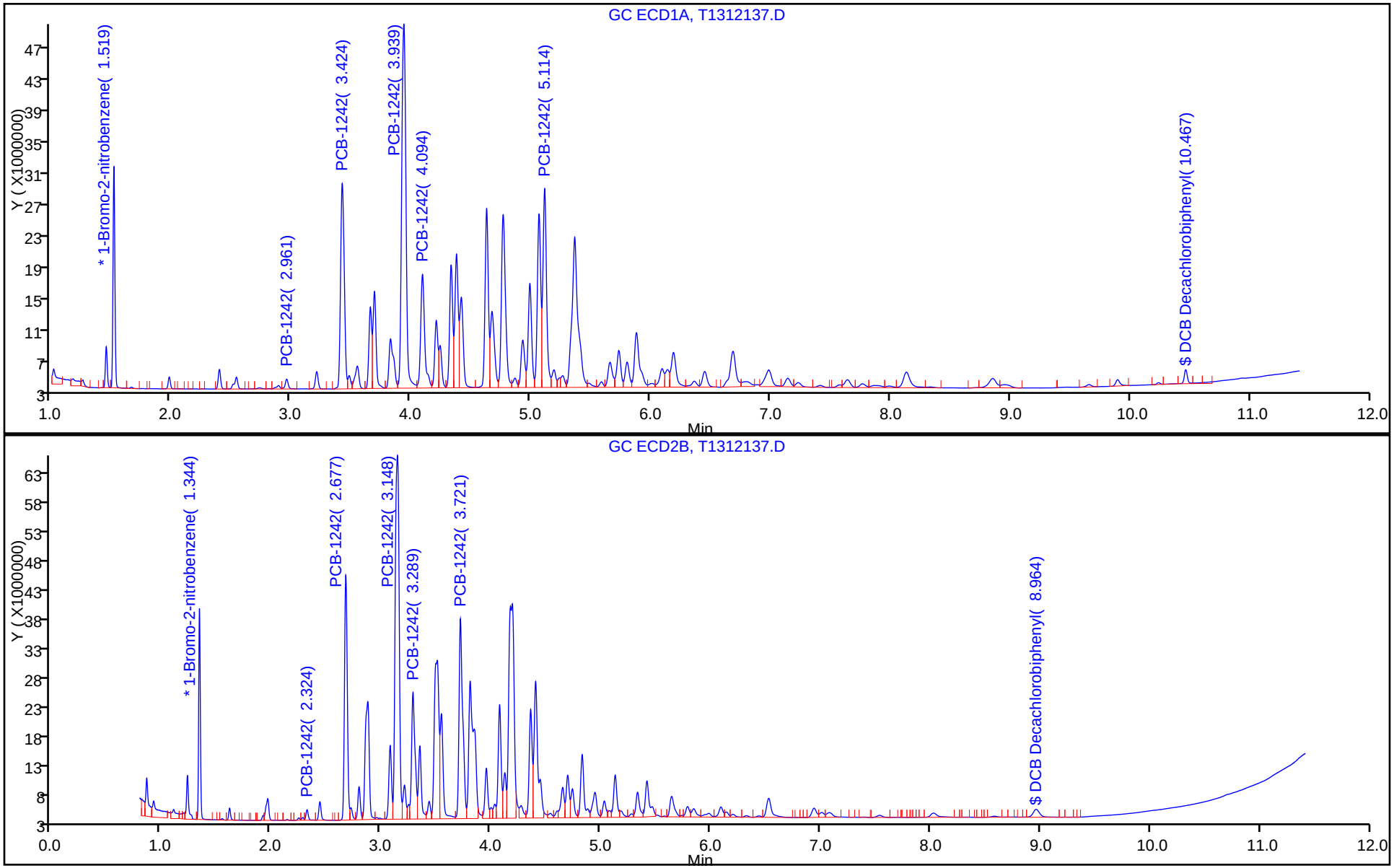
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 12-Nov-2015 12:23:28 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312137.D

Injection Date:	12-Nov-2015 08:01:08	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-A-18-A	Lab Sample ID:	460-104194-18	Worklist Smp#:	72
Client ID:	PMP-26-NW2-WT				
Injection Vol:	1.0 ul	Dil. Factor:	20.0000	ALS Bottle#:	72
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-26-NW2-WT | Lab Sample ID: 460-104194-18

Matrix: Solid | Lab File ID: T1312137.D

Analysis Method: 8082A | Date Collected: 11/06/2015 11:55

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0060(g) | Date Analyzed: 11/12/2015 08:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	200	U	1500	200
11104-28-2	Aroclor 1221	200	U	1500	200
11141-16-5	Aroclor 1232	200	U	1500	200
12672-29-6	Aroclor 1248	200	U	1500	200
11097-69-1	Aroclor 1254	200	U	1500	200
11096-82-5	Aroclor 1260	200	U	1500	200
37324-23-5	Aroclor 1262	200	U	1500	200
11100-14-4	Aroclor 1268	200	U	1500	200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	130	D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312137.D
Lims ID: 460-104194-A-18-A Lab Sample ID: 460-104194-18
Client ID: PMP-26-NW2-WT
Sample Type: Client
Inject. Date: 12-Nov-2015 08:01:08 ALS Bottle#: 72 Worklist Smp#: 72
Injection Vol: 1.0 ul Dil. Factor: 20.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:07 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 09:49:42

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	30905126	20.0	
2	1.344	1.339	0.005	37891534	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	2.961	2.963	-0.002	2223266	110.4	
1	3.424	3.426	-0.002	56487440	1482.7	
1	3.939	3.940	-0.001	114499643	1490.6	
1	4.094	4.096	-0.002	33963077	1043.8	
1	5.114	5.116	-0.002	53702019	1827.1	
		Average of Peak Amounts =			1190.9	
2	2.324	2.327	-0.003	2675742	99.6	
2	2.677	2.680	-0.003	75206010	1487.6	
2	3.148	3.140	0.008	158896274	1471.8	M
2	3.289	3.290	-0.001	47736450	1029.6	M
2	3.721	3.723	-0.002	80422346	1735.8	M
		Average of Peak Amounts =			1164.9	
					RPD = 2.21	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.467	10.471	-0.004	3285096	3.21	
2	8.964	8.963	0.001	5771969	3.25	
					RPD = 1.11	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

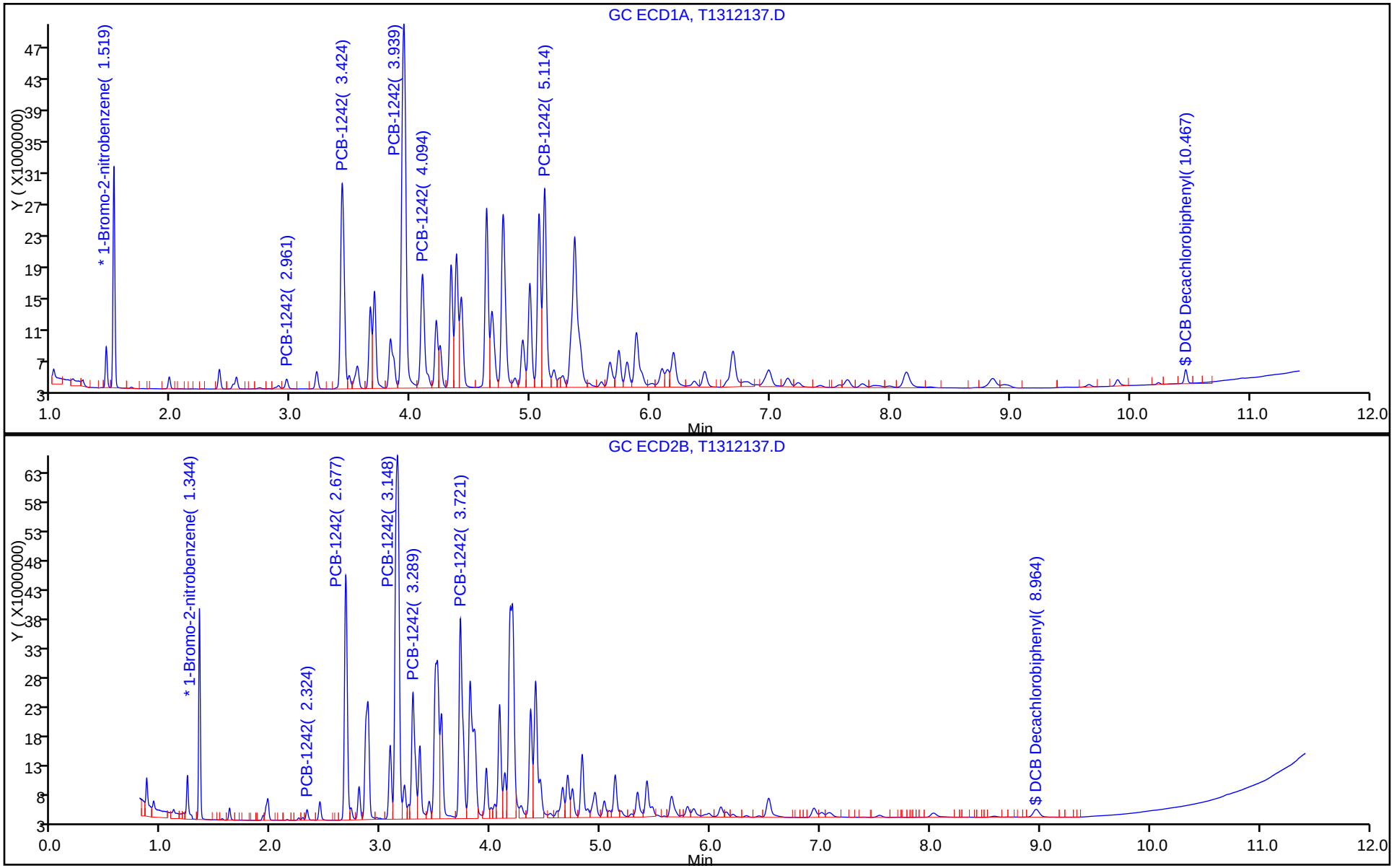
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 12-Nov-2015 12:23:29 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312137.D

Injection Date:	12-Nov-2015 08:01:08	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-A-18-A	Lab Sample ID:	460-104194-18	Worklist Smp#:	72
Client ID:	PMP-26-NW2-WT				
Injection Vol:	1.0 ul	Dil. Factor:	20.0000	ALS Bottle#:	72
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



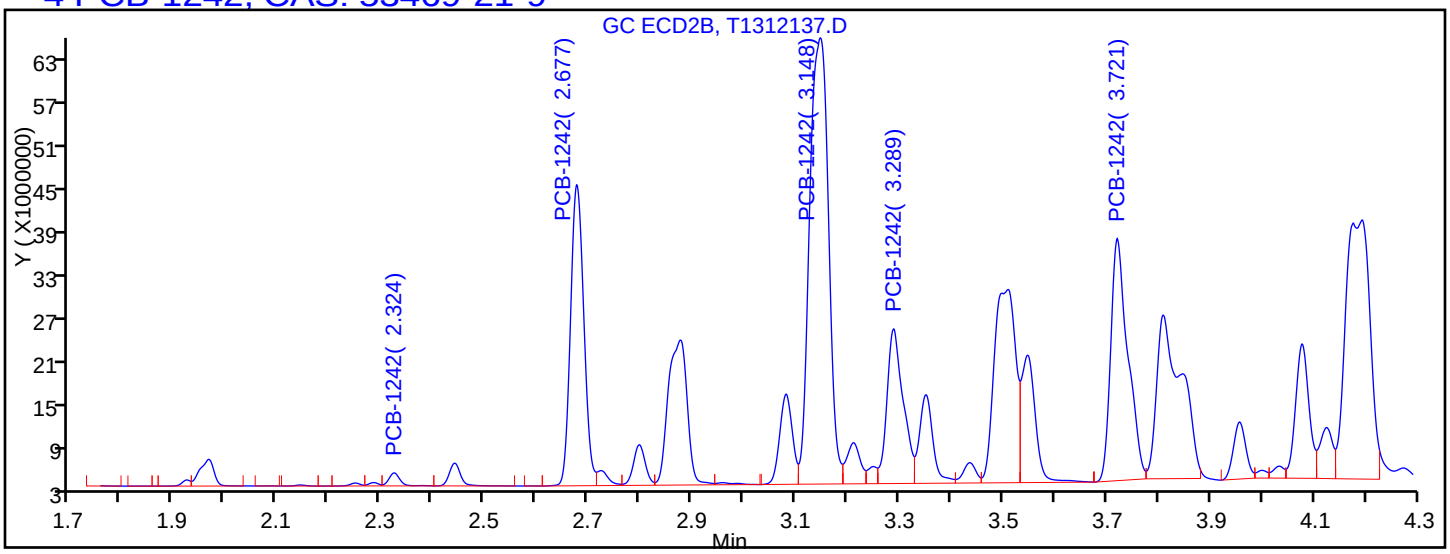
Report Date: 12-Nov-2015 12:23:29 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312137.D

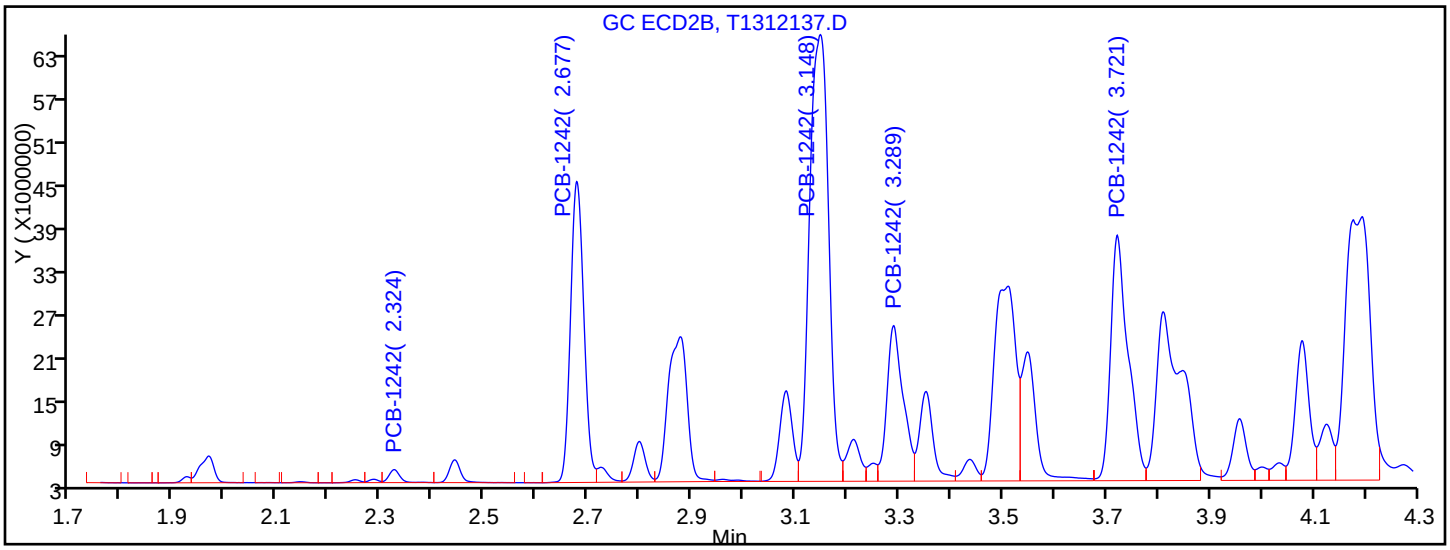
Injection Date:	12-Nov-2015 08:01:08	Instrument ID:	CPESTGC11
Lims ID:	460-104194-A-18-A	Lab Sample ID:	460-104194-18
Client ID:	PMP-26-NW2-WT		
Operator ID:		ALS Bottle#:	72 Worklist Smp#: 72
Injection Vol:	1.0 ul	Dil. Factor:	20.0000
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD2B

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.324	Response = 2675742	
RT = 2.677	Response = 75206010	
RT = 3.148	Response = 158485734	M
RT = 3.289	Response = 47183380	M
RT = 3.721	Response = 77515292	M



Manual Integration Results

RT = 2.324	Response = 2675742	
RT = 2.677	Response = 75206010	
RT = 3.148	Response = 158896274	M
RT = 3.289	Response = 47736450	M
RT = 3.721	Response = 80422346	M

Reviewer: patelji, 12-Nov-2015 09:49:42

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: DUP-2015_2_11_06 | Lab Sample ID: 460-104194-19

Matrix: Solid | Lab File ID: T1312138.D

Analysis Method: 8082A | Date Collected: 11/06/2015 00:00

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0209(g) | Date Analyzed: 11/12/2015 08:14

Con. Extract Vol.: 10(mL) | Dilution Factor: 200

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 8.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	230000		15000	1900

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312138.D
Lims ID: 460-104194-A-19-A Lab Sample ID: 460-104194-19
Client ID: DUP-2015_2_11_06
Sample Type: Client
Inject. Date: 12-Nov-2015 08:14:04 ALS Bottle#: 73 Worklist Smp#: 73
Injection Vol: 1.0 ul Dil. Factor: 200.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:07 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 09:49:07

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.532	1.521	0.011	30753889	20.0	
2	1.370	1.339	0.031	40813859	20.0	
					RPD = 0.00	
4 PCB-1242						
1	2.968	2.963	0.005	26628023	1328.8	
1	3.430	3.426	0.004	64303263	1696.2	
1	3.944	3.940	0.004	131447324	1719.7	
1	4.097	4.096	0.001	51941554	1604.1	
1	5.114	5.116	-0.002	48449795	1656.5	
		Average of Peak Amounts =			1601.1	
2	2.352	2.327	0.025	32971460	1139.5	a
2	2.703	2.680	0.023	83827435	1539.4	
2	3.172	3.140	0.032	179591856	1544.4	
2	3.310	3.290	0.020	75983775	1521.5	
2	3.739	3.723	0.016	74247750	1487.8	
		Average of Peak Amounts =			1446.5	
					RPD = 10.14	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

Reagents:

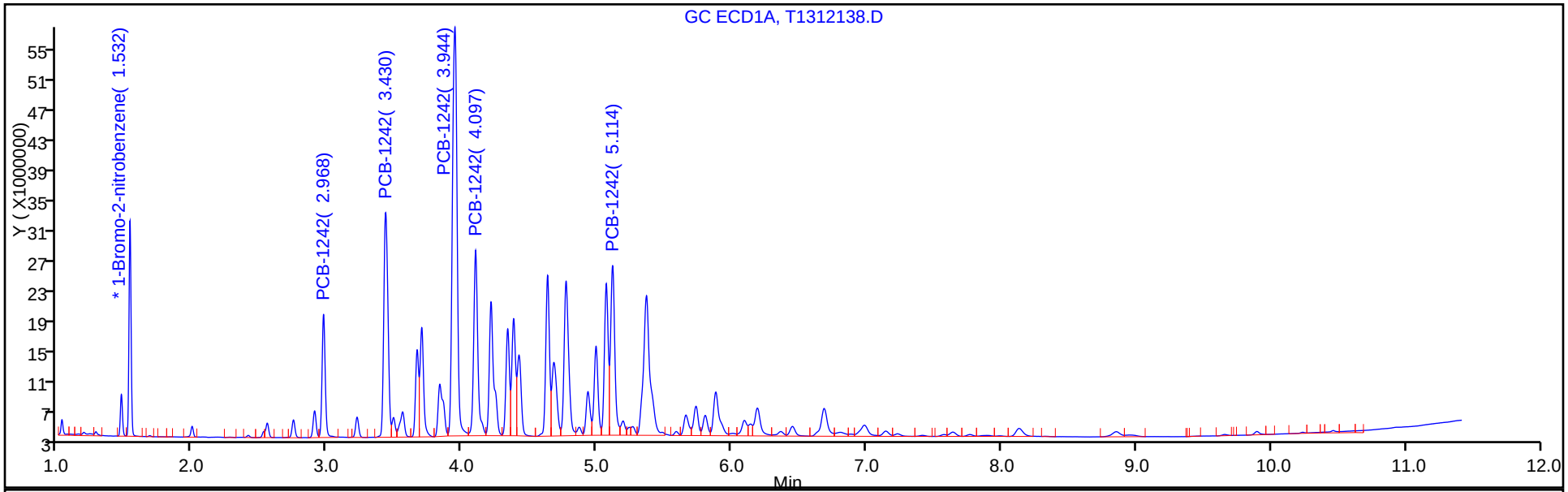
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

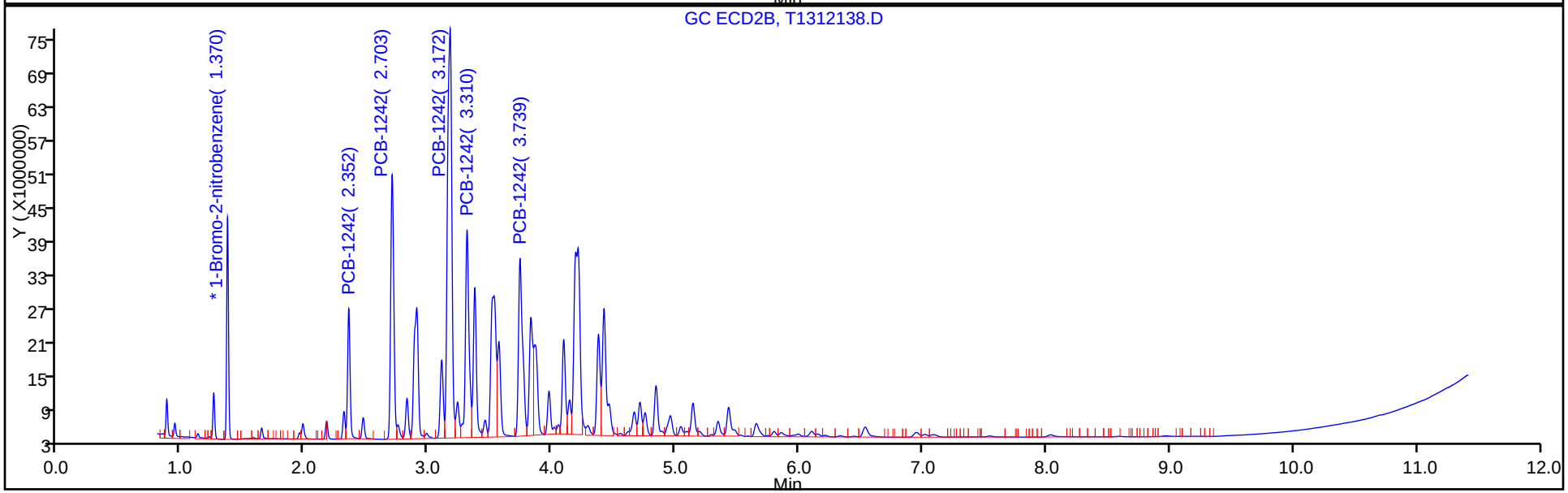
Report Date: 12-Nov-2015 12:23:31 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312138.D

Injection Date:	12-Nov-2015 08:14:04	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-A-19-A	Lab Sample ID:	460-104194-19	Worklist Smp#:	73
Client ID:	DUP-2015_2_11_06				
Injection Vol:	1.0 ul	Dil. Factor:	200.0000	ALS Bottle#:	73
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: DUP-2015_2_11_06 | Lab Sample ID: 460-104194-19

Matrix: Solid | Lab File ID: T1312138.D

Analysis Method: 8082A | Date Collected: 11/06/2015 00:00

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0209(g) | Date Analyzed: 11/12/2015 08:14

Con. Extract Vol.: 10(mL) | Dilution Factor: 200

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 8.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	1900	U	15000	1900
11104-28-2	Aroclor 1221	1900	U	15000	1900
11141-16-5	Aroclor 1232	1900	U	15000	1900
12672-29-6	Aroclor 1248	1900	U	15000	1900
11097-69-1	Aroclor 1254	2000	U	15000	2000
11096-82-5	Aroclor 1260	2000	U	15000	2000
37324-23-5	Aroclor 1262	2000	U	15000	2000
11100-14-4	Aroclor 1268	2000	U	15000	2000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312138.D
Lims ID: 460-104194-A-19-A Lab Sample ID: 460-104194-19
Client ID: DUP-2015_2_11_06
Sample Type: Client
Inject. Date: 12-Nov-2015 08:14:04 ALS Bottle#: 73 Worklist Smp#: 73
Injection Vol: 1.0 ul Dil. Factor: 200.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:07 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 09:49:07

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.532	1.521	0.011	30753889	20.0	
2	1.370	1.339	0.031	40813859	20.0	
					RPD = 0.00	
4 PCB-1242						
1	2.968	2.963	0.005	26628023	1328.8	
1	3.430	3.426	0.004	64303263	1696.2	
1	3.944	3.940	0.004	131447324	1719.7	
1	4.097	4.096	0.001	51941554	1604.1	
1	5.114	5.116	-0.002	48449795	1656.5	
		Average of Peak Amounts =			1601.1	
2	2.352	2.327	0.025	32971460	1139.5	a
2	2.703	2.680	0.023	83827435	1539.4	
2	3.172	3.140	0.032	179591856	1544.4	
2	3.310	3.290	0.020	75983775	1521.5	
2	3.739	3.723	0.016	74247750	1487.8	
		Average of Peak Amounts =			1446.5	
					RPD = 10.14	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

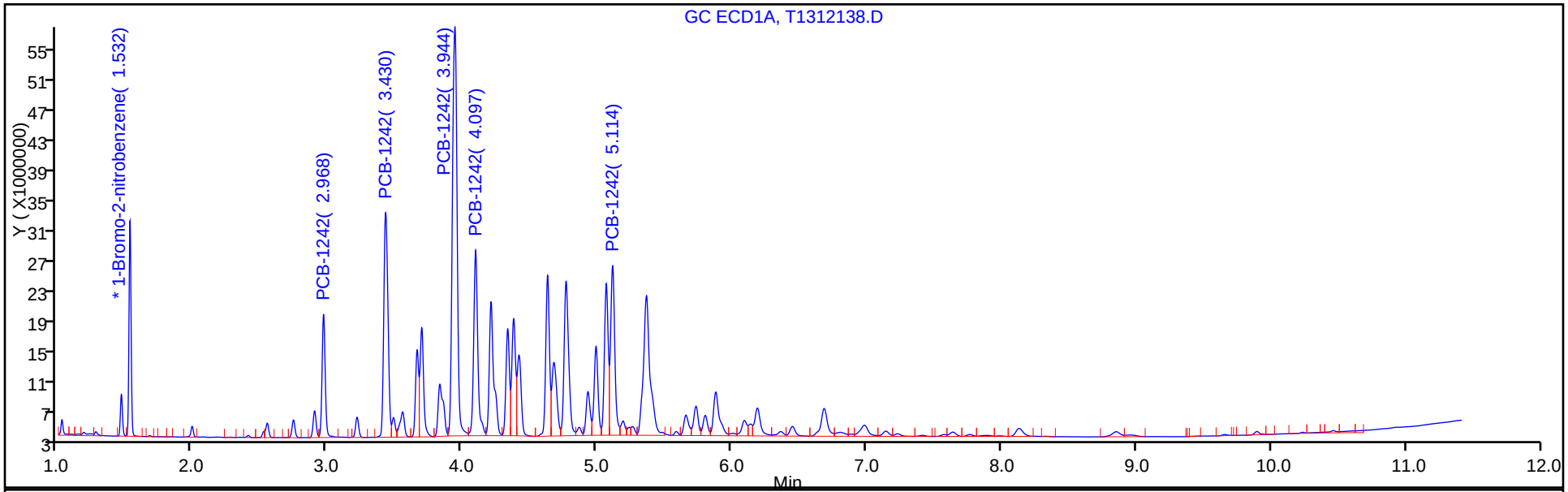
Reagents:

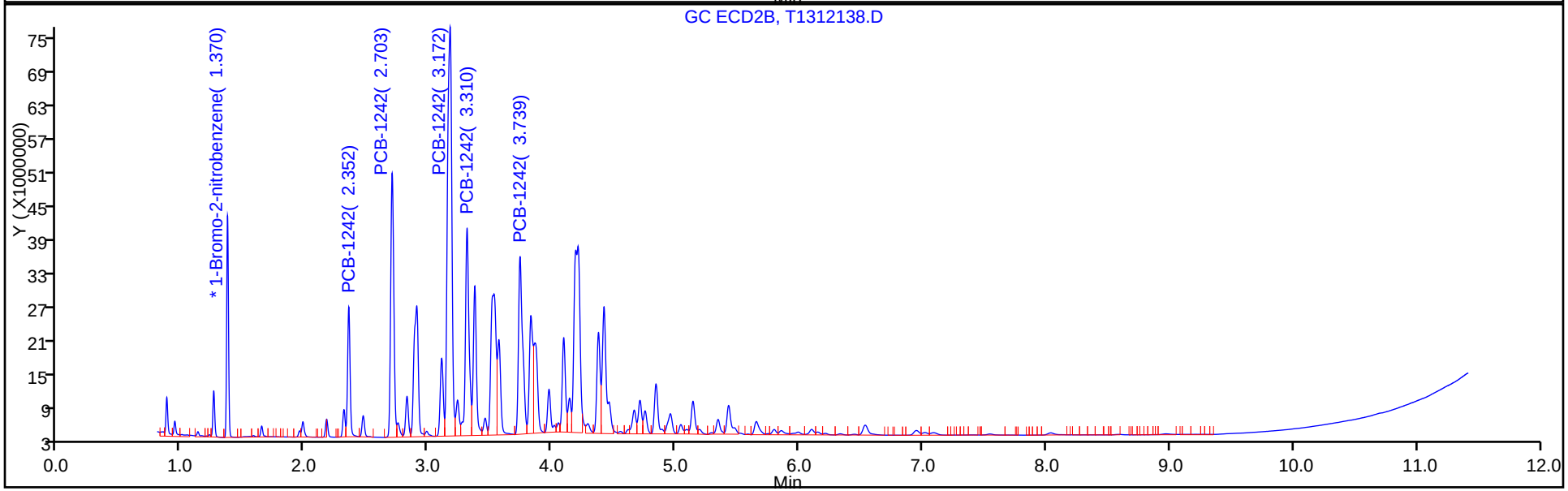
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 12-Nov-2015 12:23:31 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312138.D				
Injection Date:	12-Nov-2015 08:14:04	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-A-19-A	Lab Sample ID:	460-104194-19	Worklist Smp#:	73
Client ID:	DUP-2015_2_11_06				
Injection Vol:	1.0 ul	Dil. Factor:	200.0000	ALS Bottle#:	73
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: DUP-2015_11_06_01 | Lab Sample ID: 460-104194-20

Matrix: Solid | Lab File ID: T1312139.D

Analysis Method: 8082A | Date Collected: 11/06/2015 00:00

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0193(g) | Date Analyzed: 11/12/2015 08:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	350		70	9.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312139.D
Lims ID: 460-104194-E-20-A Lab Sample ID: 460-104194-20
Client ID: DUP-2015_11_06_01
Sample Type: Client
Inject. Date: 12-Nov-2015 08:28:39 ALS Bottle#: 74 Worklist Smp#: 74
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:07 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 09:19:08

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	32441868	20.0	
2	1.345	1.339	0.006	40338403	20.0	
					RPD = 0.00	
4 PCB-1242						
1	2.961	2.963	-0.002	9374409	443.5	
1	3.425	3.426	-0.001	19726991	493.3	
1	3.941	3.940	0.001	40580992	503.3	
1	4.095	4.096	-0.001	16860375	493.6	
1	5.114	5.116	-0.002	18367741	595.3	
		Average of Peak Amounts =			505.8	
2	2.325	2.327	-0.002	11015199	385.2	
2	2.678	2.680	-0.002	27826222	517.0	
2	3.150	3.140	0.010	52908489	460.3	
2	3.289	3.290	-0.001	21066261	426.8	
2	3.722	3.723	-0.001	24159076	489.8	
		Average of Peak Amounts =			455.8	
					RPD = 10.39	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.464	10.471	-0.007	53834354	50.2	
2	8.964	8.963	0.001	98371207	52.0	
					RPD = 3.63	

Reagents:

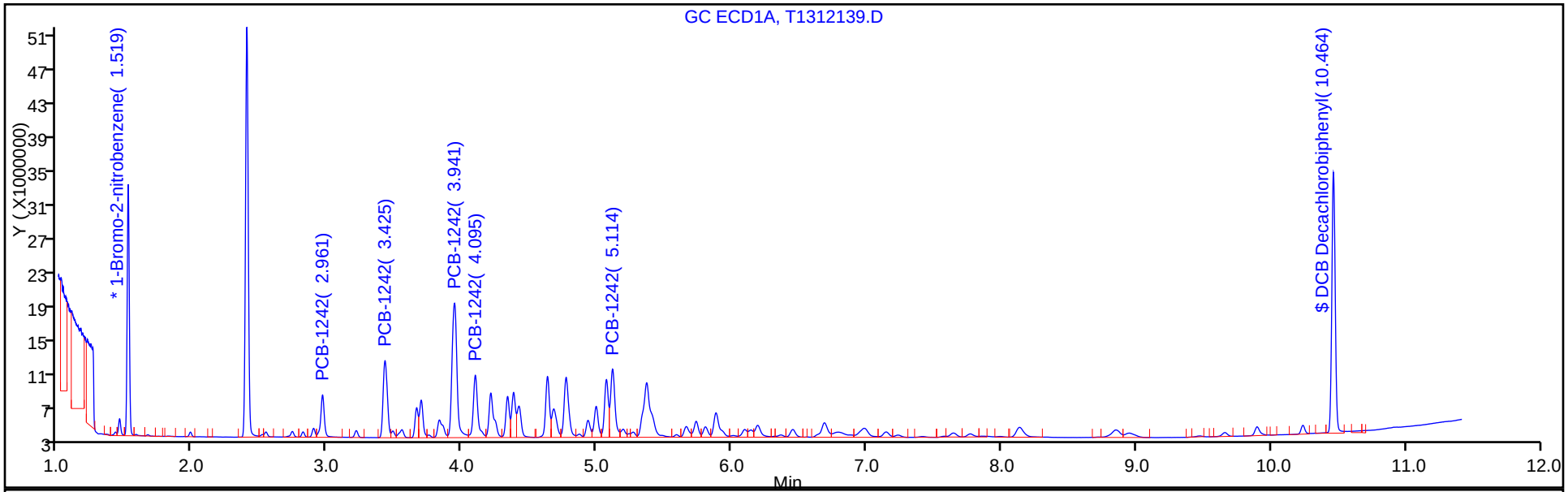
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

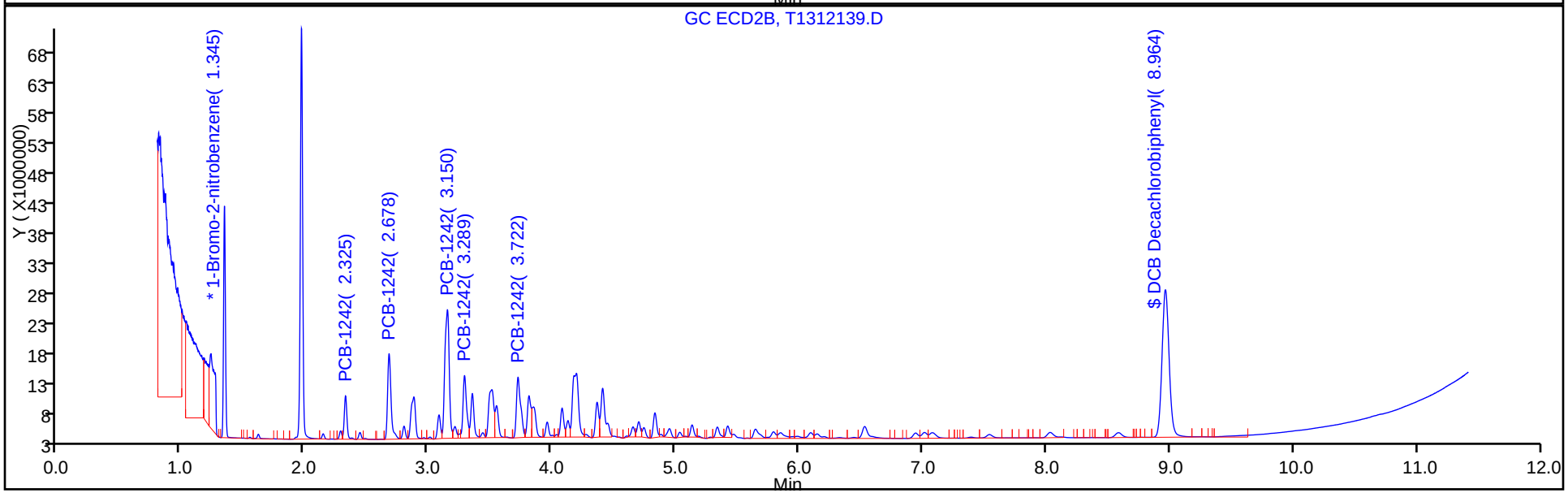
Report Date: 12-Nov-2015 12:23:33 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312139.D

Injection Date:	12-Nov-2015 08:28:39	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-E-20-A	Lab Sample ID:	460-104194-20	Worklist Smp#:	74
Client ID:	DUP-2015_11_06_01				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	74
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: DUP-2015_11_06_01 | Lab Sample ID: 460-104194-20

Matrix: Solid | Lab File ID: T1312139.D

Analysis Method: 8082A | Date Collected: 11/06/2015 00:00

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0193(g) | Date Analyzed: 11/12/2015 08:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	9.3	U	70	9.3
11104-28-2	Aroclor 1221	9.3	U	70	9.3
11141-16-5	Aroclor 1232	9.3	U	70	9.3
12672-29-6	Aroclor 1248	9.3	U	70	9.3
11097-69-1	Aroclor 1254	9.6	U	70	9.6
11096-82-5	Aroclor 1260	9.6	U	70	9.6
37324-23-5	Aroclor 1262	9.6	U	70	9.6
11100-14-4	Aroclor 1268	9.6	U	70	9.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312139.D
Lims ID: 460-104194-E-20-A Lab Sample ID: 460-104194-20
Client ID: DUP-2015_11_06_01
Sample Type: Client
Inject. Date: 12-Nov-2015 08:28:39 ALS Bottle#: 74 Worklist Smp#: 74
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:07 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 09:19:08

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.519	1.521	-0.002	32441868	20.0	
2	1.345	1.339	0.006	40338403	20.0	
					RPD = 0.00	
4 PCB-1242						
1	2.961	2.963	-0.002	9374409	443.5	
1	3.425	3.426	-0.001	19726991	493.3	
1	3.941	3.940	0.001	40580992	503.3	
1	4.095	4.096	-0.001	16860375	493.6	
1	5.114	5.116	-0.002	18367741	595.3	
		Average of Peak Amounts =			505.8	
2	2.325	2.327	-0.002	11015199	385.2	
2	2.678	2.680	-0.002	27826222	517.0	
2	3.150	3.140	0.010	52908489	460.3	
2	3.289	3.290	-0.001	21066261	426.8	
2	3.722	3.723	-0.001	24159076	489.8	
		Average of Peak Amounts =			455.8	
					RPD = 10.39	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.464	10.471	-0.007	53834354	50.2	
2	8.964	8.963	0.001	98371207	52.0	
					RPD = 3.63	

Reagents:

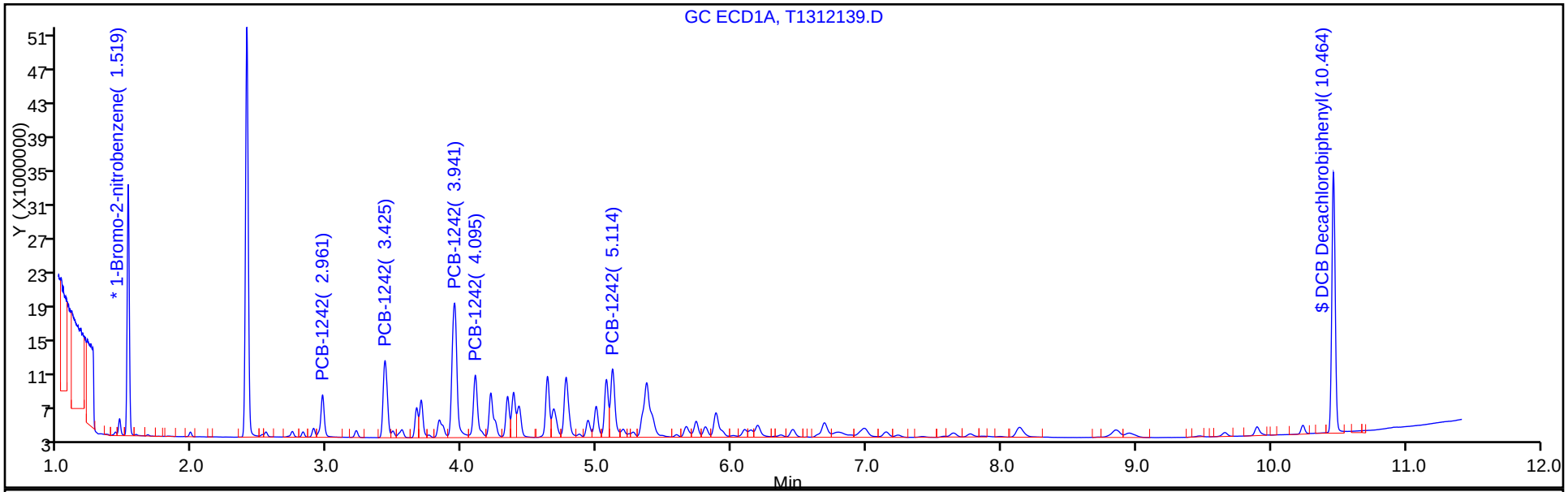
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

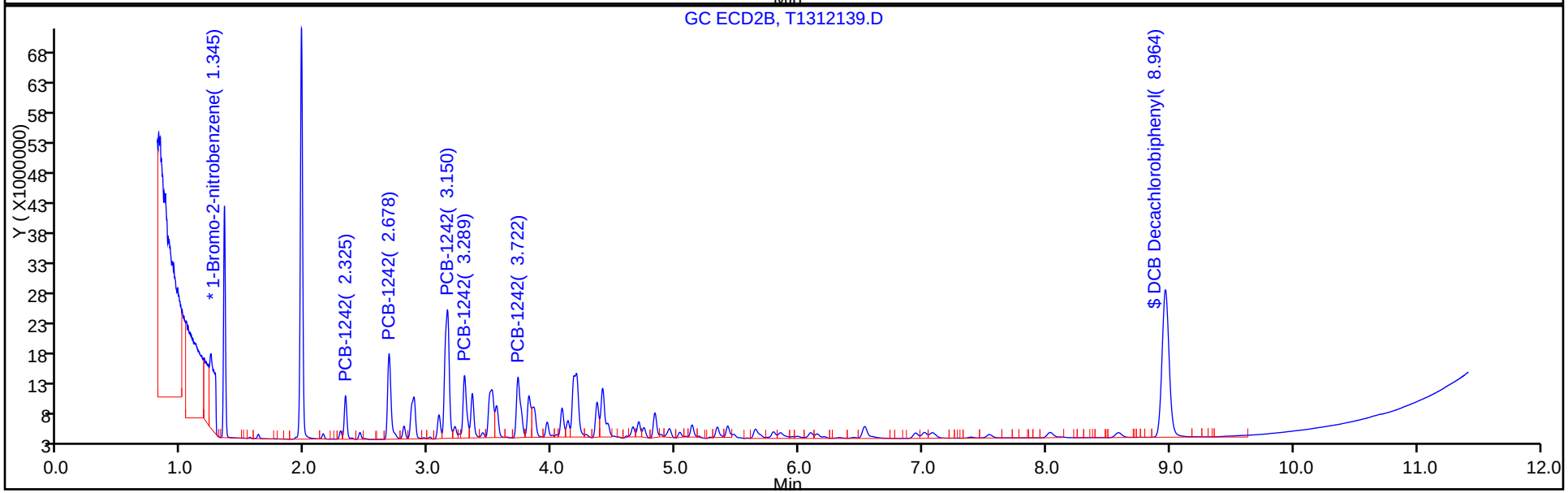
Report Date: 12-Nov-2015 12:23:34 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312139.D

Injection Date:	12-Nov-2015 08:28:39	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-E-20-A	Lab Sample ID:	460-104194-20	Worklist Smp#:	74
Client ID:	DUP-2015_11_06_01				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	74
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-27_NW2_WT | Lab Sample ID: 460-104194-21

Matrix: Solid | Lab File ID: T1312143.D

Analysis Method: 8082A | Date Collected: 11/06/2015 12:20

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:21

Sample wt/vol: 15.0361(g) | Date Analyzed: 11/12/2015 10:11

Con. Extract Vol.: 10(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	28000		3600	470
11096-82-5	Aroclor 1260	2100	J	3600	490

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	132	*D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312143.D
Lims ID: 460-104194-E-21-A Lab Sample ID: 460-104194-21
Client ID: PMP-27_NW2_WT
Sample Type: Client
Inject. Date: 12-Nov-2015 10:11:44 ALS Bottle#: 78 Worklist Smp#: 78
Injection Vol: 1.0 ul Dil. Factor: 50.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:07 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 09:45:06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.523	1.521	0.002	31726226	20.0	
2	1.338	1.339	-0.001	38019669	20.0	
				RPD =	0.00	
4 PCB-1242						
1	2.970	2.963	0.007	7602818	367.8	
1	3.434	3.426	0.008	36321595	928.7	
1	3.951	3.940	0.011	73244023	928.8	
1	4.105	4.096	0.009	23636877	707.6	
1	5.125	5.116	0.009	29869120	990.0	
		Average of Peak Amounts =			784.6	
2	2.314	2.327	-0.013	9209478	341.7	
2	2.668	2.680	-0.012	46590393	918.5	
2	3.141	3.140	0.001	94587916	873.2	
2	3.279	3.290	-0.011	32994678	709.2	
2	3.713	3.723	-0.010	42667930	917.8	
		Average of Peak Amounts =			752.1	
				RPD =	4.23	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						
1	6.153	6.152	0.001	5068772	67.1	
1	6.463	6.459	0.004	6381557	76.9	
1	7.657	7.654	0.003	3052248	50.1	
1	8.150	8.146	0.004	7103136	52.4	
1	9.911	9.904	0.007	1768942	52.1	
		Average of Peak Amounts =			59.7	
2	5.024	5.027	-0.003	5559207	61.4	
2	6.088	6.090	-0.002	3994074	45.9	
2	6.522	6.525	-0.003	9463032	50.6	
2	6.937	6.937	0.000	4538632	42.8	
2	8.028	8.026	0.002	2551478	51.0	
		Average of Peak Amounts =			50.4	
					RPD = 17.00	
$ 11 DCB Decachlorobiphenyl						M
1	10.488	10.471	0.017	1385596	1.32	M
2	8.959	8.963	-0.004	2462779	1.38	M
					RPD = 4.55	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

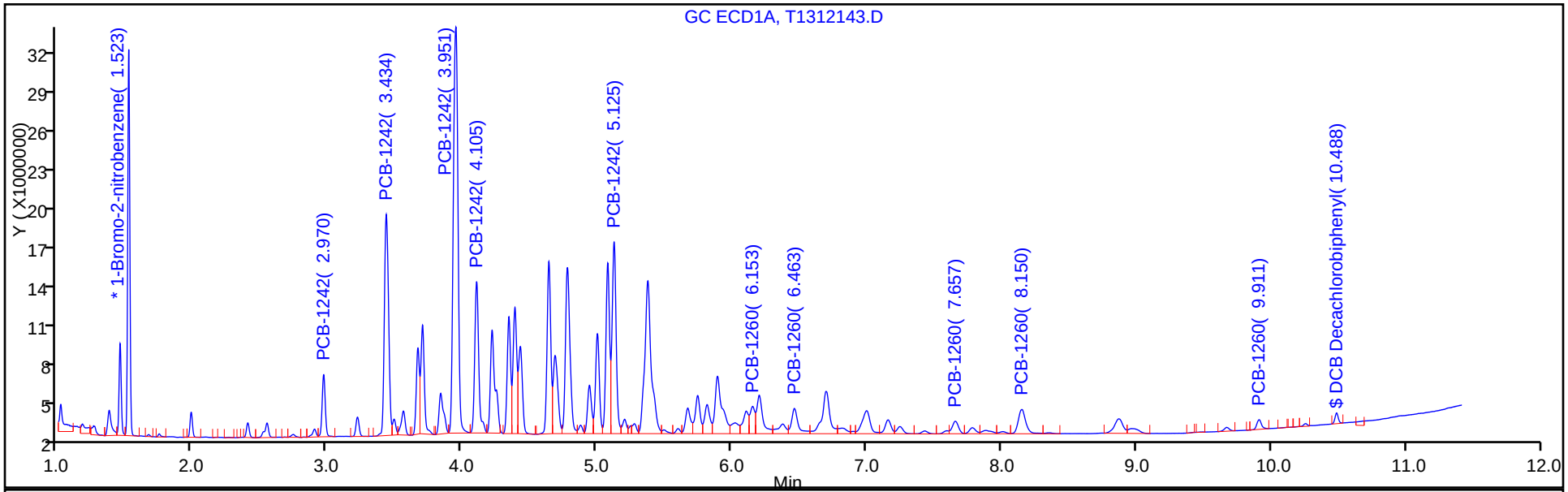
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

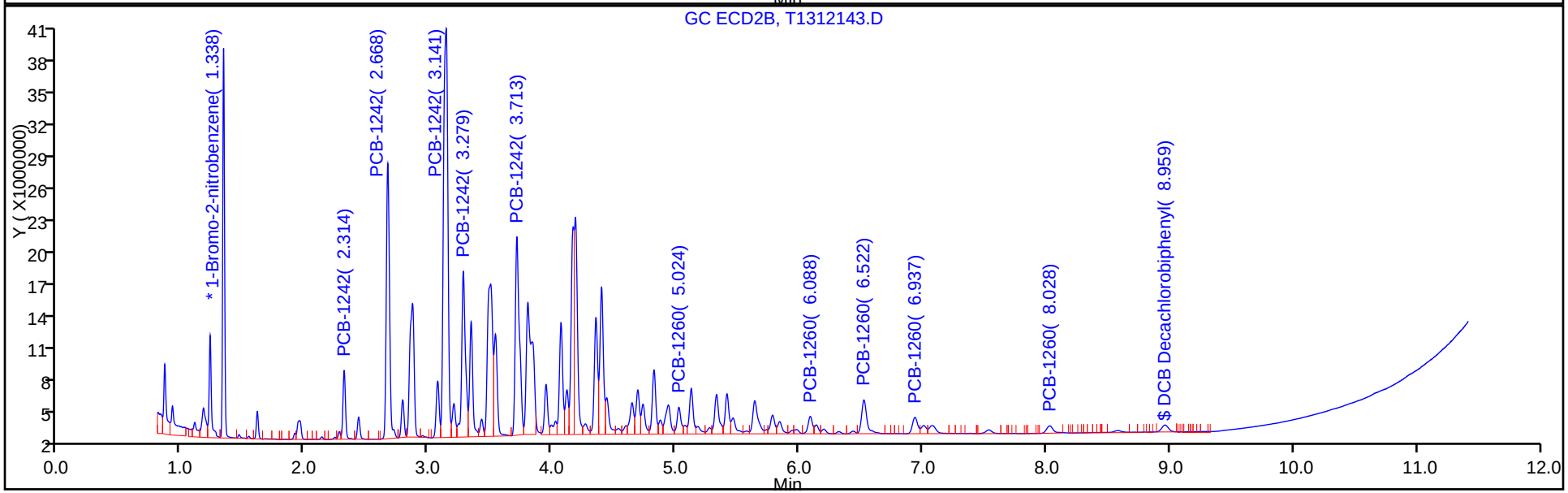
Report Date: 12-Nov-2015 12:23:43 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312143.D

Injection Date:	12-Nov-2015 10:11:44	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-E-21-A	Lab Sample ID:	460-104194-21	Worklist Smp#:	78
Client ID:	PMP-27_NW2_WT				
Injection Vol:	1.0 ul	Dil. Factor:	50.0000	ALS Bottle#:	78
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

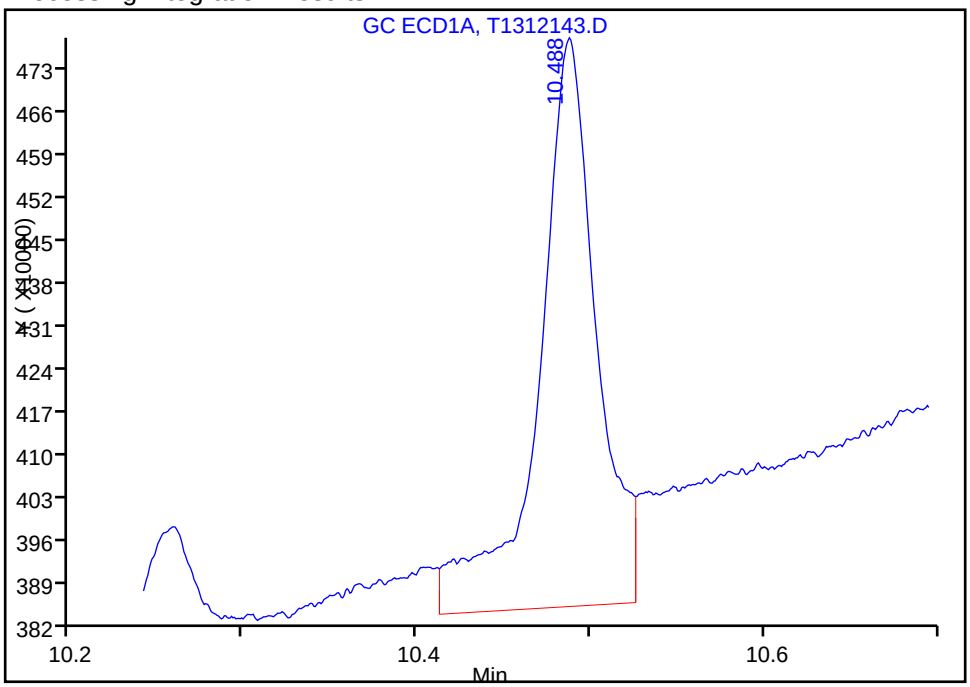
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312143.D				
Injection Date:	12-Nov-2015 10:11:44	Instrument ID:	CPESTGC11		
Lims ID:	460-104194-E-21-A	Lab Sample ID:	460-104194-21		
Client ID:	PMP-27_NW2_WT				
Operator ID:		ALS Bottle#:	78	Worklist Smp#:	78
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

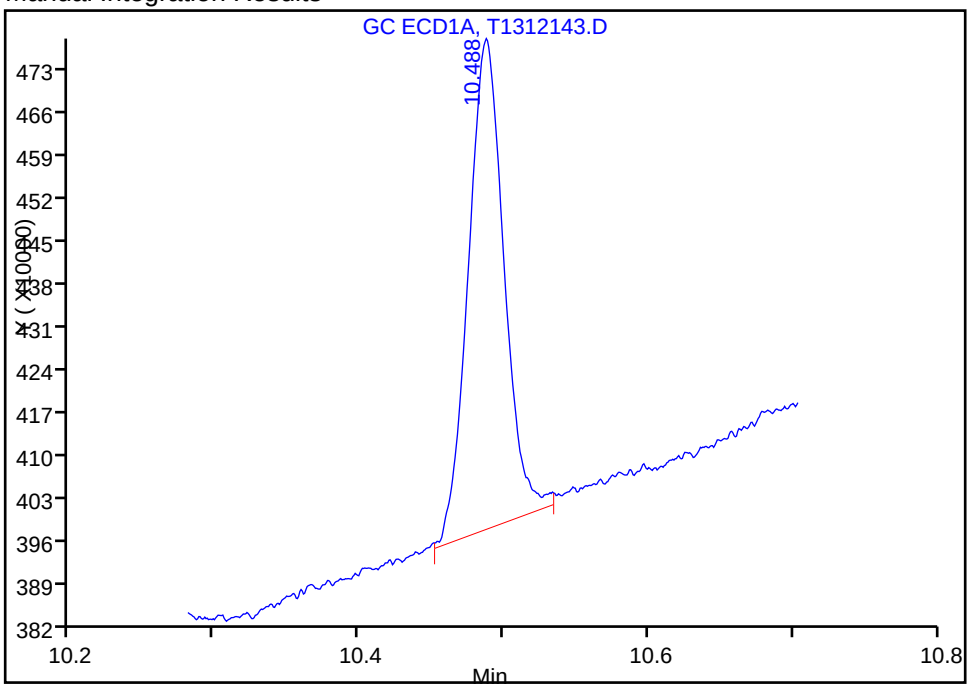
Processing Integration Results

RT: 10.49
Area: 2165256
Amount: 2.062571
Amount Units: ug/l



Manual Integration Results

RT: 10.49
Area: 1385596
Amount: 1.319885
Amount Units: ug/l



Reviewer: patelji, 12-Nov-2015 09:45:06
Audit Action: Manually Integrated
Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-27_NW2_WT | Lab Sample ID: 460-104194-21

Matrix: Solid | Lab File ID: T1312143.D

Analysis Method: 8082A | Date Collected: 11/06/2015 12:20

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:21

Sample wt/vol: 15.0361(g) | Date Analyzed: 11/12/2015 10:11

Con. Extract Vol.: 10(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	470	U	3600	470
11104-28-2	Aroclor 1221	470	U	3600	470
11141-16-5	Aroclor 1232	470	U	3600	470
12672-29-6	Aroclor 1248	470	U	3600	470
11097-69-1	Aroclor 1254	490	U	3600	490
37324-23-5	Aroclor 1262	490	U	3600	490
11100-14-4	Aroclor 1268	490	U	3600	490

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	138	D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312143.D
Lims ID: 460-104194-E-21-A Lab Sample ID: 460-104194-21
Client ID: PMP-27_NW2_WT
Sample Type: Client
Inject. Date: 12-Nov-2015 10:11:44 ALS Bottle#: 78 Worklist Smp#: 78
Injection Vol: 1.0 ul Dil. Factor: 50.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:07 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 09:45:06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.523	1.521	0.002	31726226	20.0	
2	1.338	1.339	-0.001	38019669	20.0	
				RPD =	0.00	
4 PCB-1242						
1	2.970	2.963	0.007	7602818	367.8	
1	3.434	3.426	0.008	36321595	928.7	
1	3.951	3.940	0.011	73244023	928.8	
1	4.105	4.096	0.009	23636877	707.6	
1	5.125	5.116	0.009	29869120	990.0	
		Average of Peak Amounts =			784.6	
2	2.314	2.327	-0.013	9209478	341.7	
2	2.668	2.680	-0.012	46590393	918.5	
2	3.141	3.140	0.001	94587916	873.2	
2	3.279	3.290	-0.011	32994678	709.2	
2	3.713	3.723	-0.010	42667930	917.8	
		Average of Peak Amounts =			752.1	
				RPD =	4.23	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						
1	6.153	6.152	0.001	5068772	67.1	
1	6.463	6.459	0.004	6381557	76.9	
1	7.657	7.654	0.003	3052248	50.1	
1	8.150	8.146	0.004	7103136	52.4	
1	9.911	9.904	0.007	1768942	52.1	
		Average of Peak Amounts =			59.7	
2	5.024	5.027	-0.003	5559207	61.4	
2	6.088	6.090	-0.002	3994074	45.9	
2	6.522	6.525	-0.003	9463032	50.6	
2	6.937	6.937	0.000	4538632	42.8	
2	8.028	8.026	0.002	2551478	51.0	
		Average of Peak Amounts =			50.4	
					RPD = 17.00	
$ 11 DCB Decachlorobiphenyl						M
1	10.488	10.471	0.017	1385596	1.32	M
2	8.959	8.963	-0.004	2462779	1.38	M
					RPD = 4.55	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

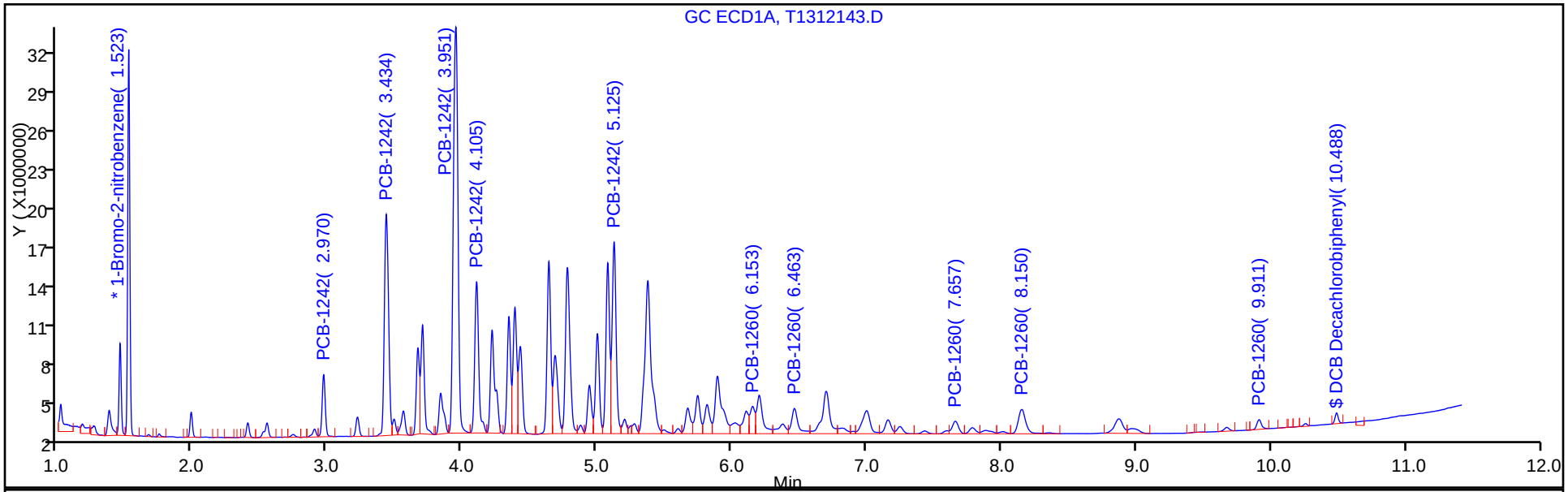
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

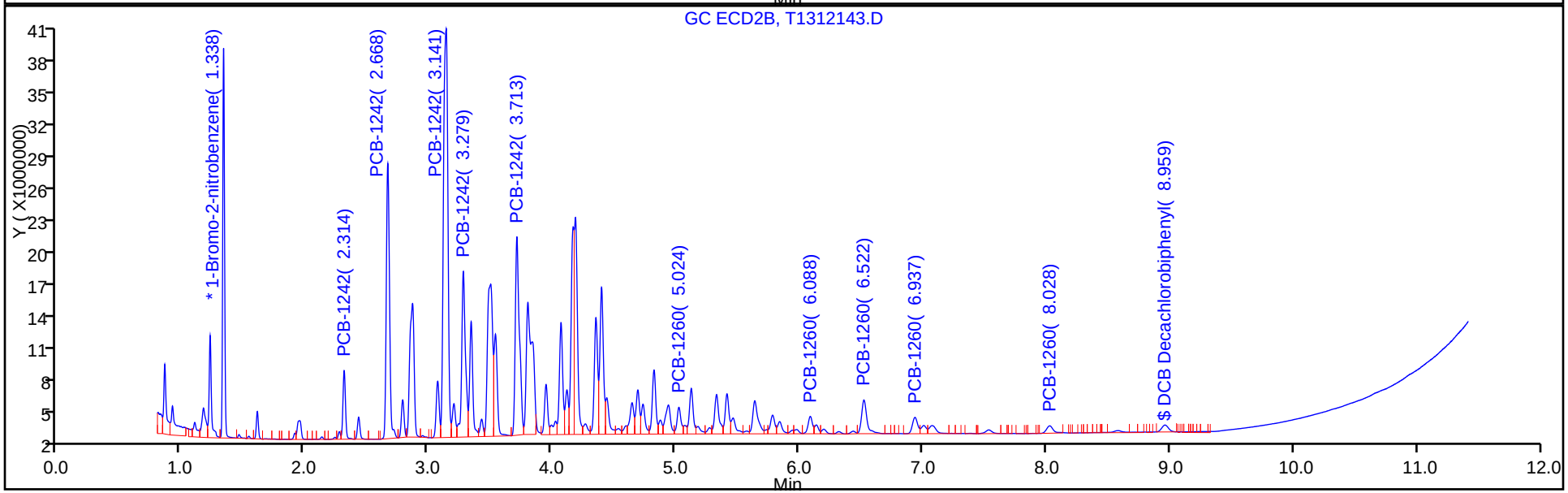
Report Date: 12-Nov-2015 12:23:44 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312143.D

Injection Date:	12-Nov-2015 10:11:44	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-E-21-A	Lab Sample ID:	460-104194-21	Worklist Smp#:	78
Client ID:	PMP-27_NW2_WT				
Injection Vol:	1.0 ul	Dil. Factor:	50.0000	ALS Bottle#:	78
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

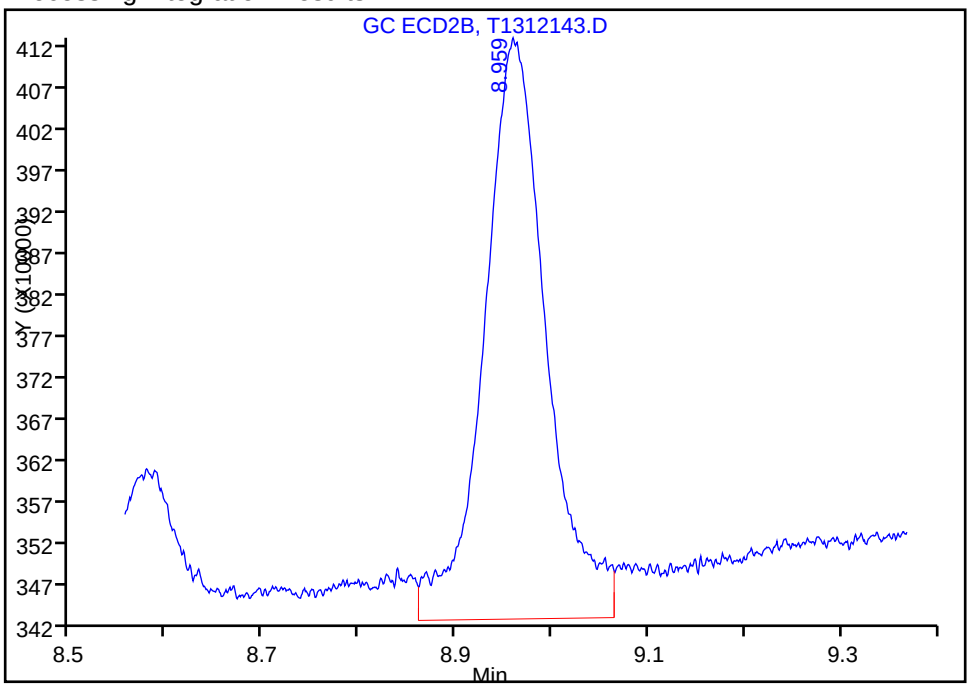
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312143.D				
Injection Date:	12-Nov-2015 10:11:44	Instrument ID:	CPESTGC11		
Lims ID:	460-104194-E-21-A	Lab Sample ID:	460-104194-21		
Client ID:	PMP-27_NW2_WT				
Operator ID:		ALS Bottle#:	78	Worklist Smp#:	78
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

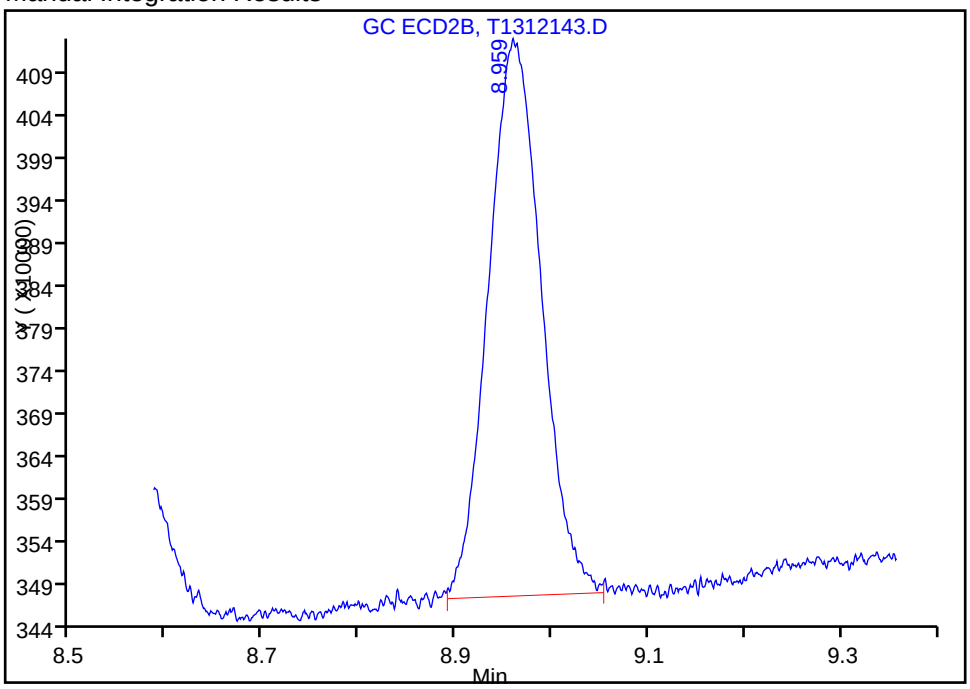
Processing Integration Results

RT: 8.96
Area: 3121802
Amount: 1.751023
Amount Units: ug/l



Manual Integration Results

RT: 8.96
Area: 2462779
Amount: 1.381376
Amount Units: ug/l



Reviewer: patelji, 12-Nov-2015 09:45:06
Audit Action: Manually Integrated
Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-28_NW2_WT | Lab Sample ID: 460-104194-22

Matrix: Solid | Lab File ID: T1312119.D

Analysis Method: 8082A | Date Collected: 11/06/2015 09:35

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:21

Sample wt/vol: 15.0425(g) | Date Analyzed: 11/12/2015 03:38

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 2.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	1300		68	9.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	117		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312119.D
Lims ID: 460-104194-F-22-A Lab Sample ID: 460-104194-22
Client ID: PMP-28_NW2_WT
Sample Type: Client
Inject. Date: 12-Nov-2015 03:38:34 ALS Bottle#: 54 Worklist Smp#: 54
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-054
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:21:17 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: boykinc Date: 12-Nov-2015 03:19:41

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.519	1.521	-0.002	27839624	20.0	
2	1.346	1.339	0.007	34538151	20.0	M
					RPD = 0.00	
4 PCB-1242						
1	2.962	2.963	-0.001	18299211	1008.8	
1	3.425	3.426	-0.001	74788001	2179.3	
1	3.941	3.940	0.001	172493192	2492.9	
1	4.095	4.096	-0.001	50162021	1711.3	M
1	0.000	5.116	-5.116	0	0	
		Average of Peak Amounts =			1848.1	
2	2.326	2.327	-0.001	22278190	909.8	
2	2.679	2.680	-0.001	101738643	2207.8	M
2	3.151	3.140	0.011	243436609	2473.8	M
2	3.290	3.290	0.000	75391799	1783.9	M
2	0.000	3.723	-3.723	0	0	
		Average of Peak Amounts =			1843.8	
					RPD = 0.23	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
9 PCB-1262						M
1	6.142	6.143	-0.001	44353839	956.8	M
1	6.450	6.451	-0.001	85381878	1629.3	
1	7.143	7.144	-0.001	84132240	1103.1	M
1	8.852	8.852	0.000	124460185	1219.3	
1	9.894	9.895	-0.001	97224195	1960.6	
		Average of Peak Amounts =			1373.8	
2	0.000	4.883	-4.883	0	0	
2	5.790	5.791	-0.001	120973508	1113.6	
2	6.938	6.941	-0.003	81037306	1104.2	
2	7.074	7.082	-0.008	158232332	1790.8	
2	8.029	8.030	-0.001	147093445	1918.7	M
		Average of Peak Amounts =			1481.8	
					RPD = 7.57	
$ 11 DCB Decachlorobiphenyl						
1	10.450	10.471	-0.021	54084105	58.7	
2	8.962	8.963	-0.001	101411934	62.6	
					RPD = 6.44	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

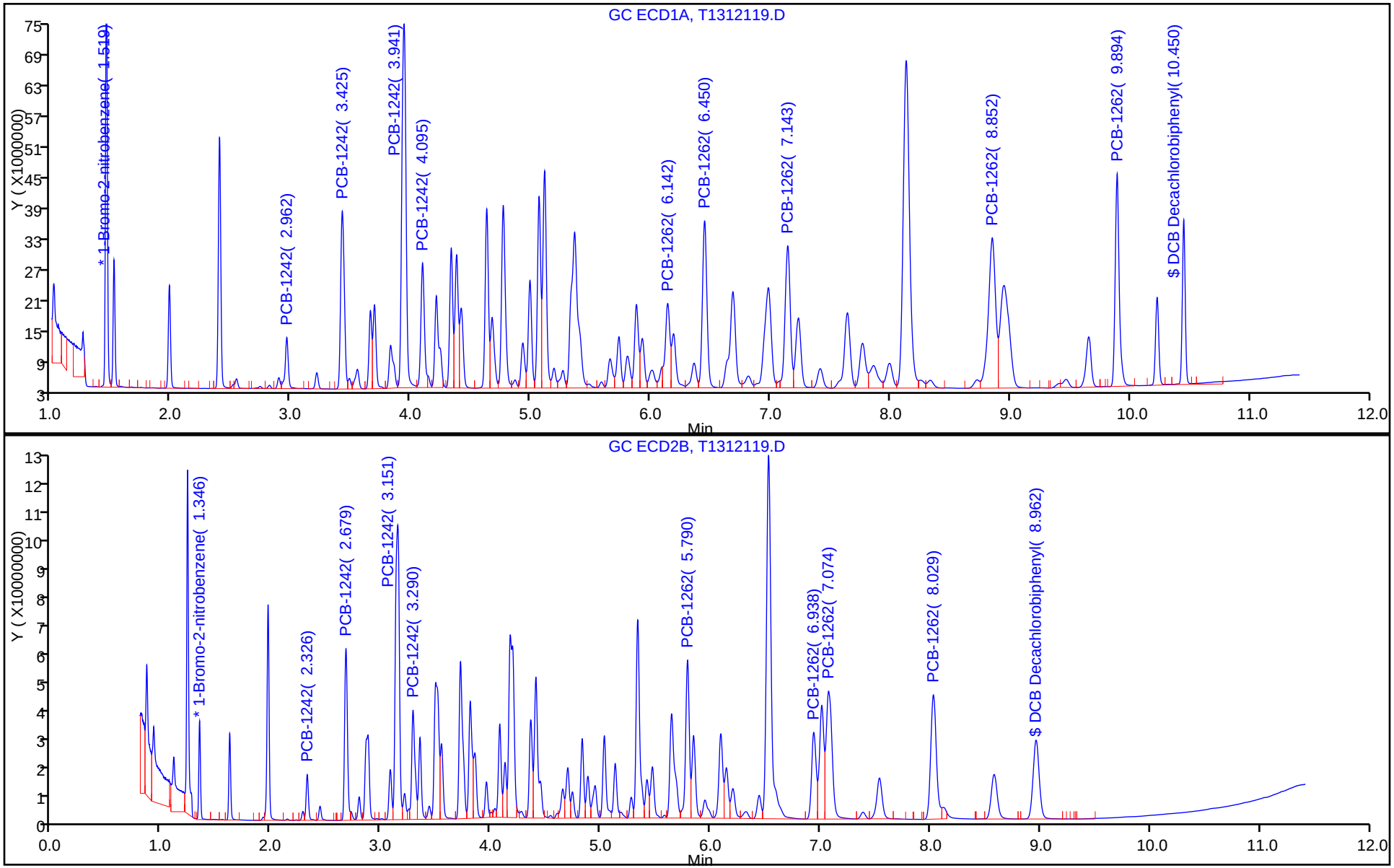
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 12-Nov-2015 12:22:42 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

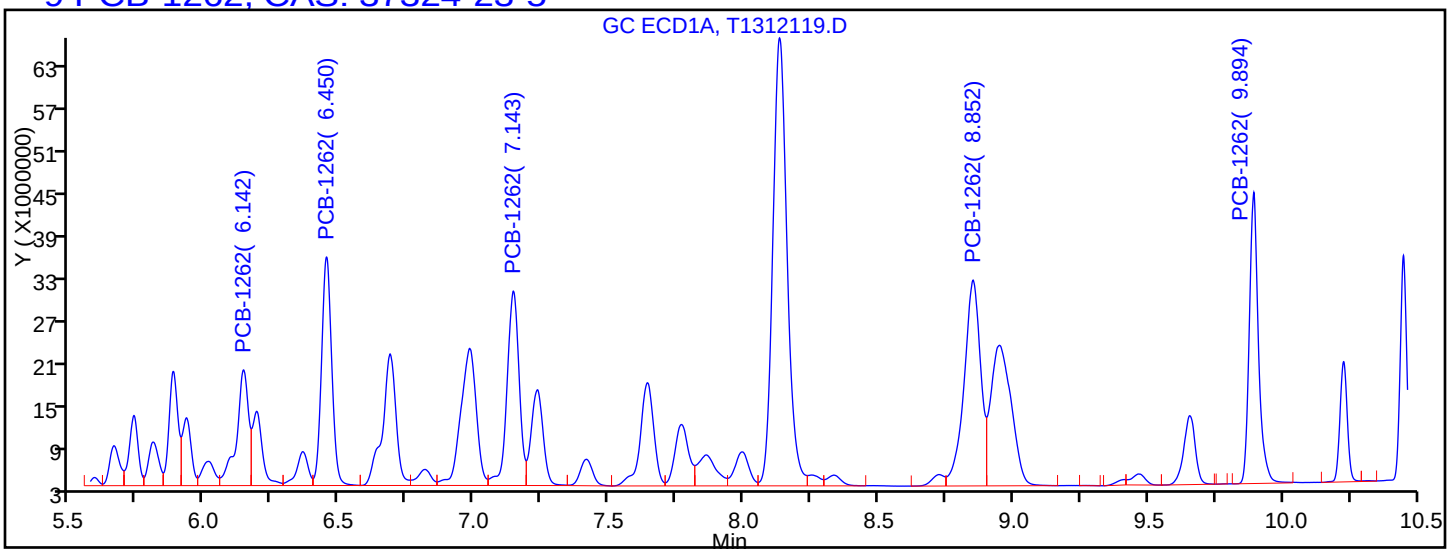
Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312119.D

Injection Date:	12-Nov-2015 03:38:34	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-F-22-A	Lab Sample ID:	460-104194-22	Worklist Smp#:	54
Client ID:	PMP-28_NW2_WT				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	54
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



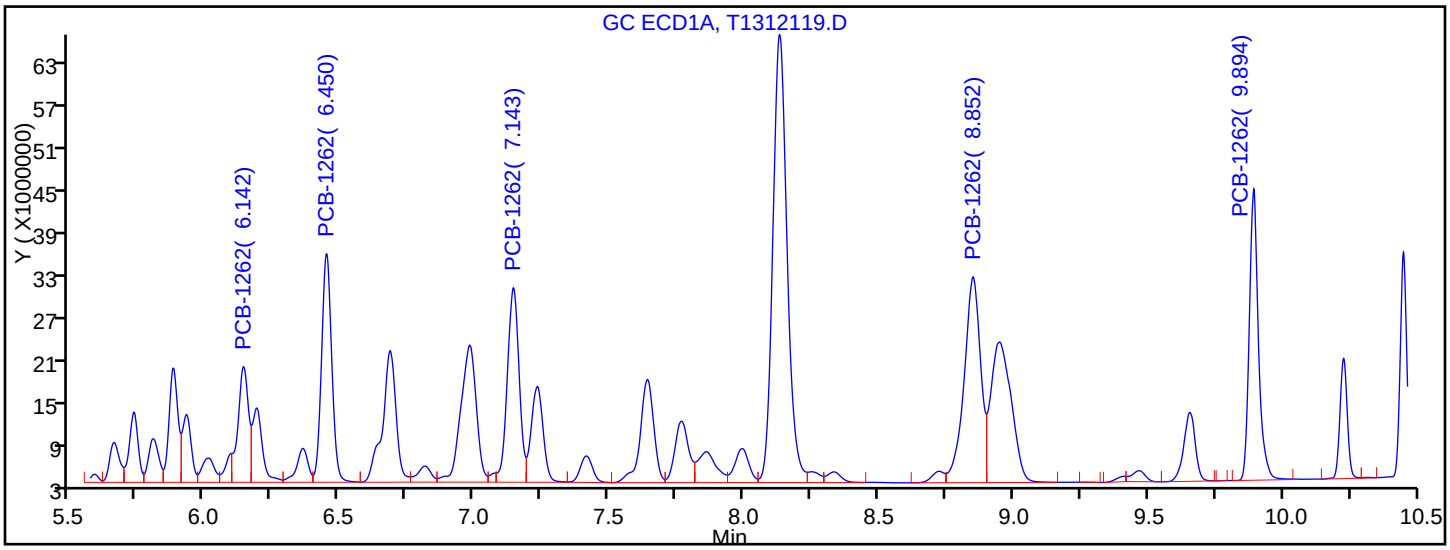
Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312119.D
Injection Date: 12-Nov-2015 03:38:34 Instrument ID: CPESTGC11
Lims ID: 460-104194-F-22-A Lab Sample ID: 460-104194-22
Client ID: PMP-28_NW2_WT
Operator ID: ALS Bottle#: 54 Worklist Smp#: 54
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD
Column: Detector GC ECD1A

9 PCB-1262, CAS: 37324-23-5



Processing Integration Results

RT = 6.142	Response = 51018627	M
RT = 6.450	Response = 85381878	
RT = 7.143	Response = 86165056	M
RT = 8.852	Response = 124460185	
RT = 9.894	Response = 97224195	



Manual Integration Results

RT = 6.142	Response = 44353839	M
RT = 6.450	Response = 85381878	
RT = 7.143	Response = 84132240	M
RT = 8.852	Response = 124460185	
RT = 9.894	Response = 97224195	

Reviewer: patelji, 12-Nov-2015 10:12:41
Audit Action: Split an Integrated Peak
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-28_NW2_WT | Lab Sample ID: 460-104194-22

Matrix: Solid | Lab File ID: T1312119.D

Analysis Method: 8082A | Date Collected: 11/06/2015 09:35

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:21

Sample wt/vol: 15.0425(g) | Date Analyzed: 11/12/2015 03:38

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 2.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	9.1	U	68	9.1
11104-28-2	Aroclor 1221	9.1	U	68	9.1
11141-16-5	Aroclor 1232	9.1	U	68	9.1
12672-29-6	Aroclor 1248	9.1	U	68	9.1
11097-69-1	Aroclor 1254	9.4	U	68	9.4
11096-82-5	Aroclor 1260	9.4	U	68	9.4
37324-23-5	Aroclor 1262	1000		68	9.4
11100-14-4	Aroclor 1268	9.4	U	68	9.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	125		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312119.D
Lims ID: 460-104194-F-22-A Lab Sample ID: 460-104194-22
Client ID: PMP-28_NW2_WT
Sample Type: Client
Inject. Date: 12-Nov-2015 03:38:34 ALS Bottle#: 54 Worklist Smp#: 54
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-054
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:21:17 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: boykinc Date: 12-Nov-2015 03:19:41

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.519	1.521	-0.002	27839624	20.0	
2	1.346	1.339	0.007	34538151	20.0	M
					RPD = 0.00	
4 PCB-1242						
1	2.962	2.963	-0.001	18299211	1008.8	
1	3.425	3.426	-0.001	74788001	2179.3	
1	3.941	3.940	0.001	172493192	2492.9	
1	4.095	4.096	-0.001	50162021	1711.3	M
1	0.000	5.116	-5.116	0	0	
		Average of Peak Amounts =			1848.1	
2	2.326	2.327	-0.001	22278190	909.8	
2	2.679	2.680	-0.001	101738643	2207.8	M
2	3.151	3.140	0.011	243436609	2473.8	M
2	3.290	3.290	0.000	75391799	1783.9	M
2	0.000	3.723	-3.723	0	0	
		Average of Peak Amounts =			1843.8	
					RPD = 0.23	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
9 PCB-1262						M
1	6.142	6.143	-0.001	44353839	956.8	M
1	6.450	6.451	-0.001	85381878	1629.3	
1	7.143	7.144	-0.001	84132240	1103.1	M
1	8.852	8.852	0.000	124460185	1219.3	
1	9.894	9.895	-0.001	97224195	1960.6	
		Average of Peak Amounts =			1373.8	
2	0.000	4.883	-4.883	0	0	
2	5.790	5.791	-0.001	120973508	1113.6	
2	6.938	6.941	-0.003	81037306	1104.2	
2	7.074	7.082	-0.008	158232332	1790.8	
2	8.029	8.030	-0.001	147093445	1918.7	M
		Average of Peak Amounts =			1481.8	
					RPD = 7.57	
$ 11 DCB Decachlorobiphenyl						
1	10.450	10.471	-0.021	54084105	58.7	
2	8.962	8.963	-0.001	101411934	62.6	
					RPD = 6.44	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

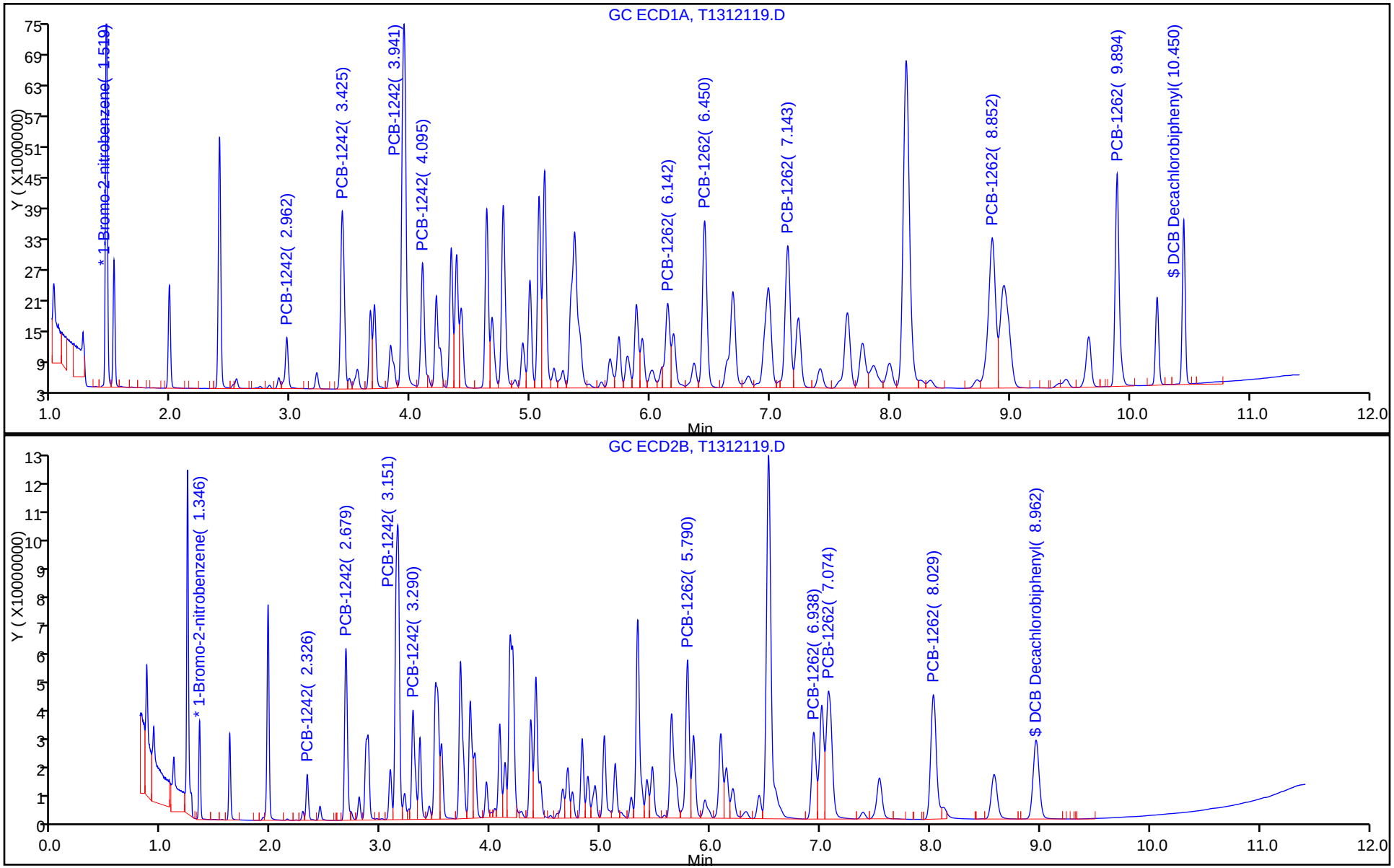
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 12-Nov-2015 12:22:43 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312119.D

Injection Date:	12-Nov-2015 03:38:34	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-F-22-A	Lab Sample ID:	460-104194-22	Worklist Smp#:	54
Client ID:	PMP-28_NW2_WT				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	54
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



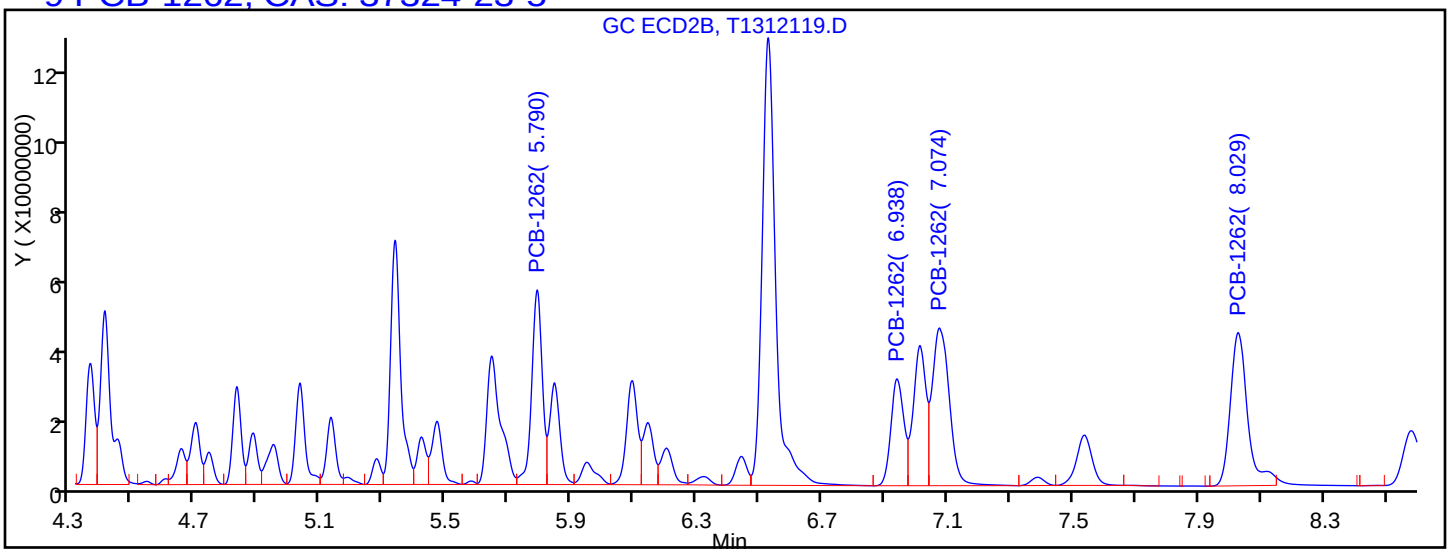
Report Date: 12-Nov-2015 12:22:44 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312119.D

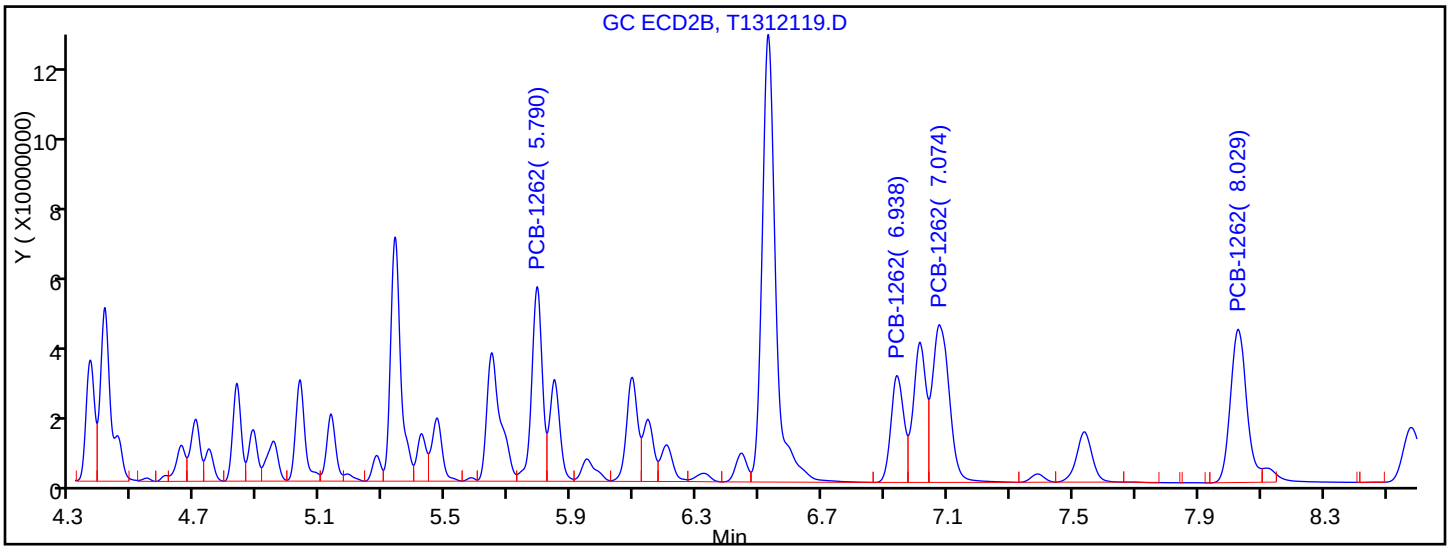
Injection Date:	12-Nov-2015 03:38:34	Instrument ID:	CPESTGC11		
Lims ID:	460-104194-F-22-A	Lab Sample ID:	460-104194-22		
Client ID:	PMP-28_NW2_WT				
Operator ID:		ALS Bottle#:	54	Worklist Smp#:	54
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

9 PCB-1262, CAS: 37324-23-5



Processing Integration Results

RT = 4.882	Response = 26662783	
RT = 5.790	Response = 120973508	
RT = 6.938	Response = 81037306	
RT = 7.074	Response = 158232332	
RT = 8.029	Response = 155969257	M



Manual Integration Results

RT = 0.000	Response = 0	
RT = 5.790	Response = 120973508	
RT = 6.938	Response = 81037306	
RT = 7.074	Response = 158232332	
RT = 8.029	Response = 147093445	M

Reviewer: patelji, 12-Nov-2015 10:12:41

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

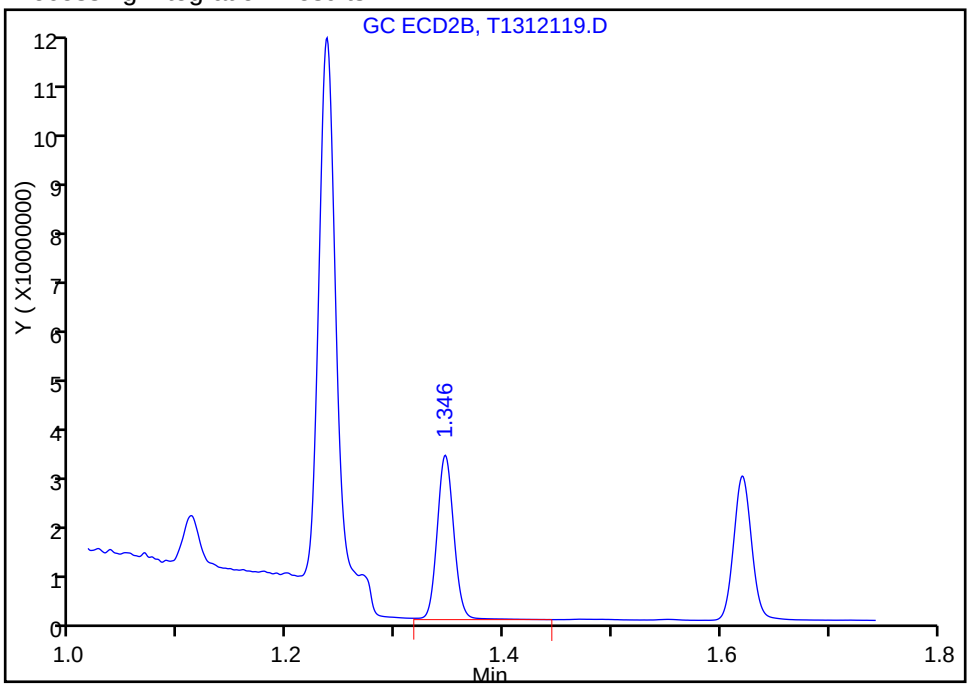
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312119.D				
Injection Date:	12-Nov-2015 03:38:34	Instrument ID:	CPESTGC11		
Lims ID:	460-104194-F-22-A	Lab Sample ID:	460-104194-22		
Client ID:	PMP-28_NW2_WT				
Operator ID:		ALS Bottle#:	54	Worklist Smp#:	54
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

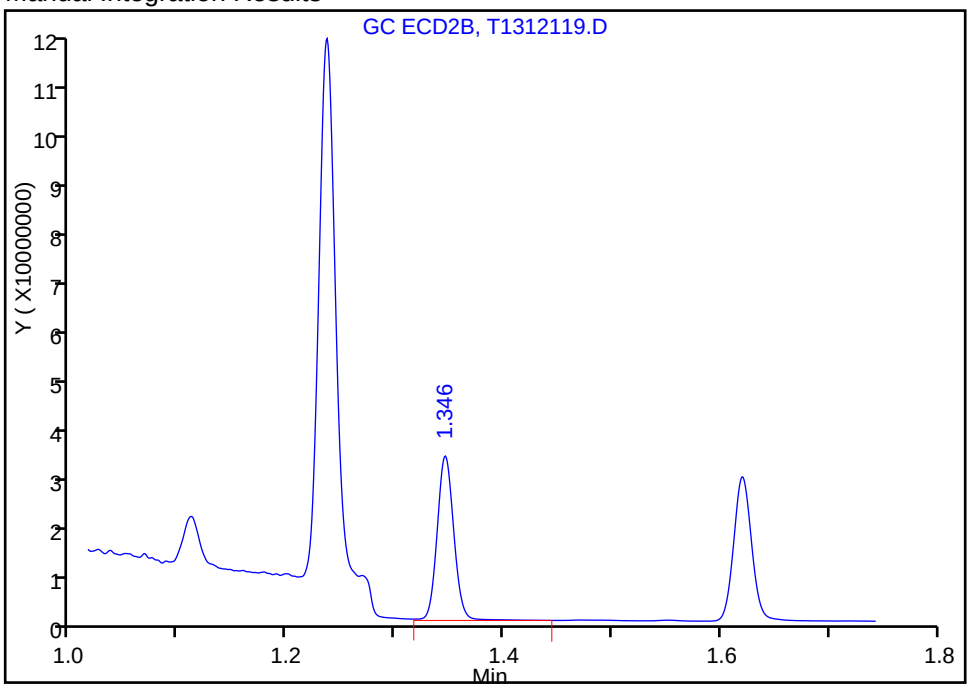
Processing Integration Results

RT: 1.35
Area: 33539803
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.35
Area: 34538151
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 12-Nov-2015 10:12:41
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: FB-20151106 | Lab Sample ID: 460-104194-23

Matrix: Water | Lab File ID: VR504484.D

Analysis Method: 8082A | Date Collected: 11/06/2015 13:50

Extraction Method: 3510C | Date Extracted: 11/09/2015 10:14

Sample wt/vol: 240(mL) | Date Analyzed: 11/11/2015 18:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334730 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	21		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504484.D
Lims ID: 460-104194-D-23-A Lab Sample ID: 460-104194-23
Client ID: FB-20151106
Sample Type: Client
Inject. Date: 11-Nov-2015 18:32:56 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034122-013
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 10:52:17 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: boykinc Date: 11-Nov-2015 23:08:32

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.643	1.644	-0.001	2758911	20.0	M
2	1.431	1.426	0.005	3858436	20.0	M
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						M
1	10.114	10.132	-0.018	2544154	20.7	M
2	9.229	9.236	-0.007	4731469	23.9	M
					RPD = 14.38	

QC Flag Legend

Review Flags
M - Manually Integrated

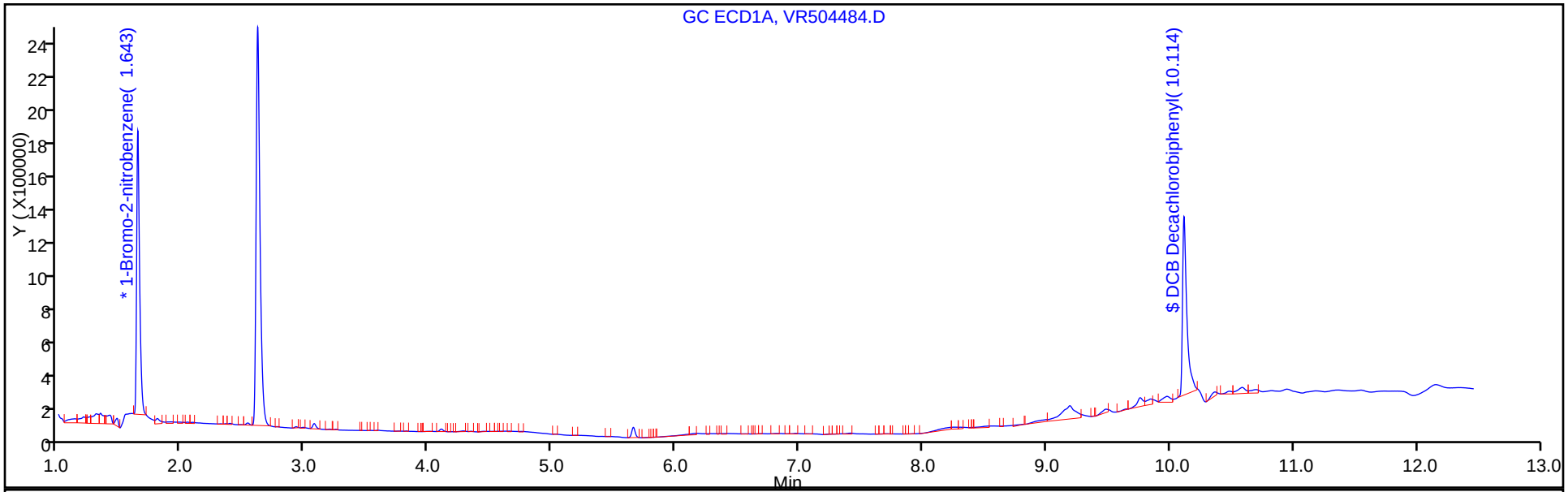
Reagents:

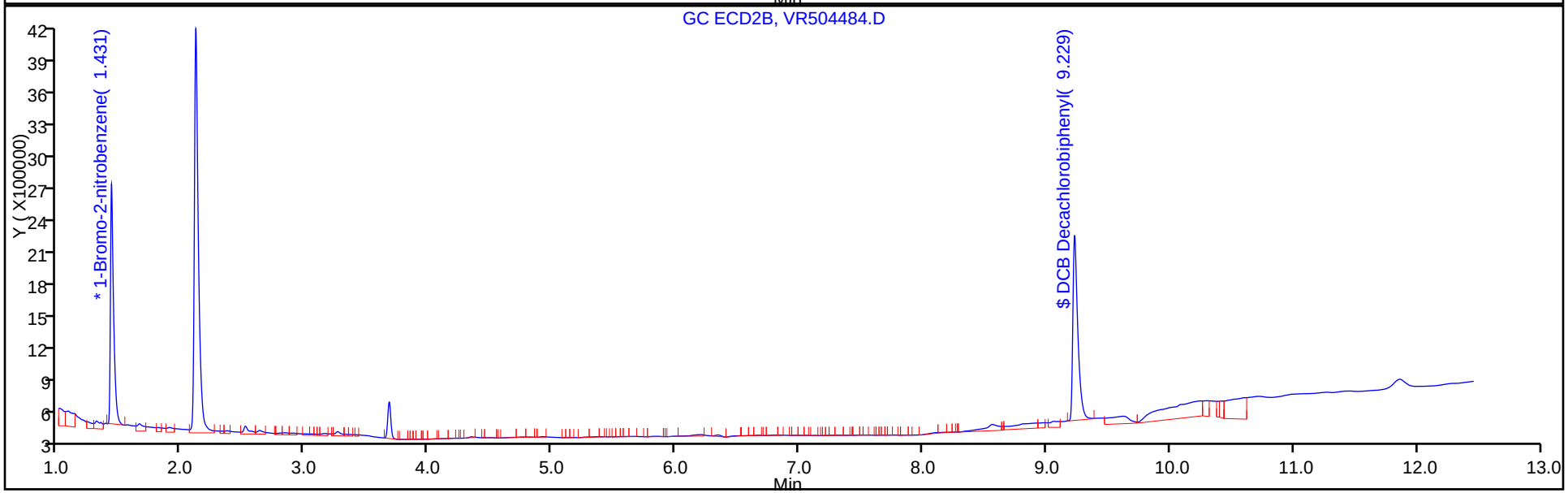
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 12-Nov-2015 10:53:08 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504484.D				
Injection Date:	11-Nov-2015 18:32:56	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104194-D-23-A	Lab Sample ID:	460-104194-23	Worklist Smp#:	13
Client ID:	FB-20151106				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

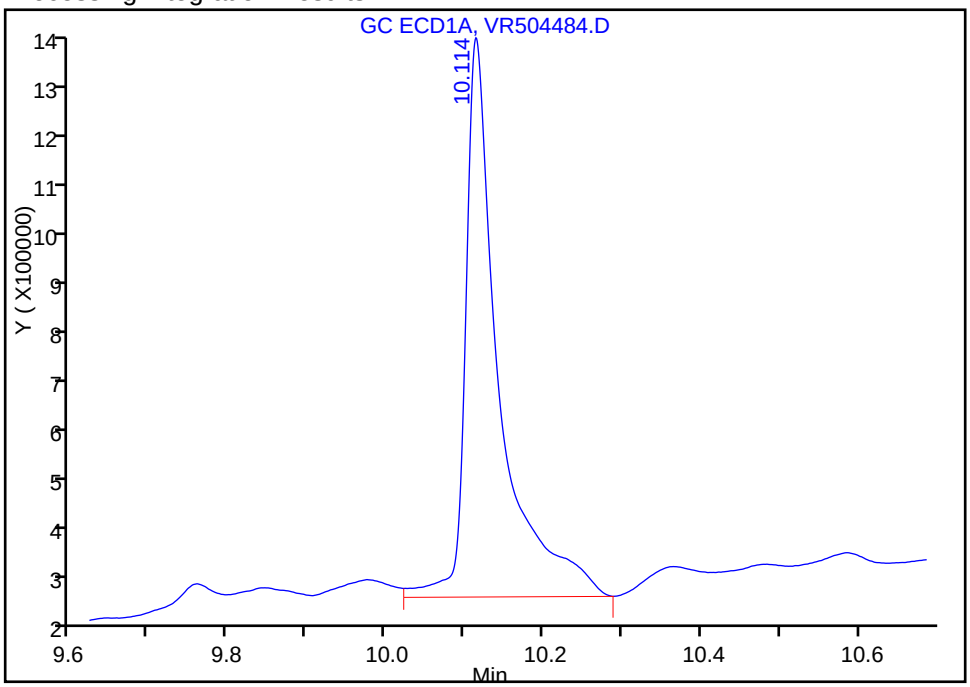
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504484.D				
Injection Date:	11-Nov-2015 18:32:56	Instrument ID:	CPESTGC9		
Lims ID:	460-104194-D-23-A	Lab Sample ID:	460-104194-23		
Client ID:	FB-20151106				
Operator ID:	615	ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

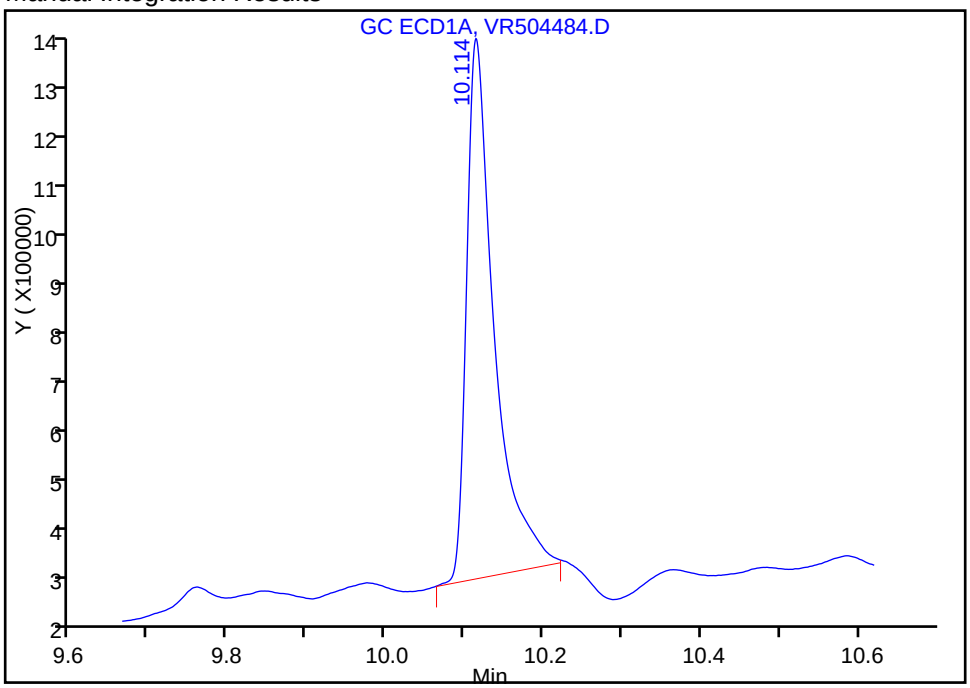
Processing Integration Results

RT: 10.11
Area: 3218278
Amount: 22.012750
Amount Units: ug/l



Manual Integration Results

RT: 10.11
Area: 2544154
Amount: 20.729094
Amount Units: ug/l



Reviewer: boykinc, 11-Nov-2015 23:08:32
Audit Action: Manually Integrated
Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

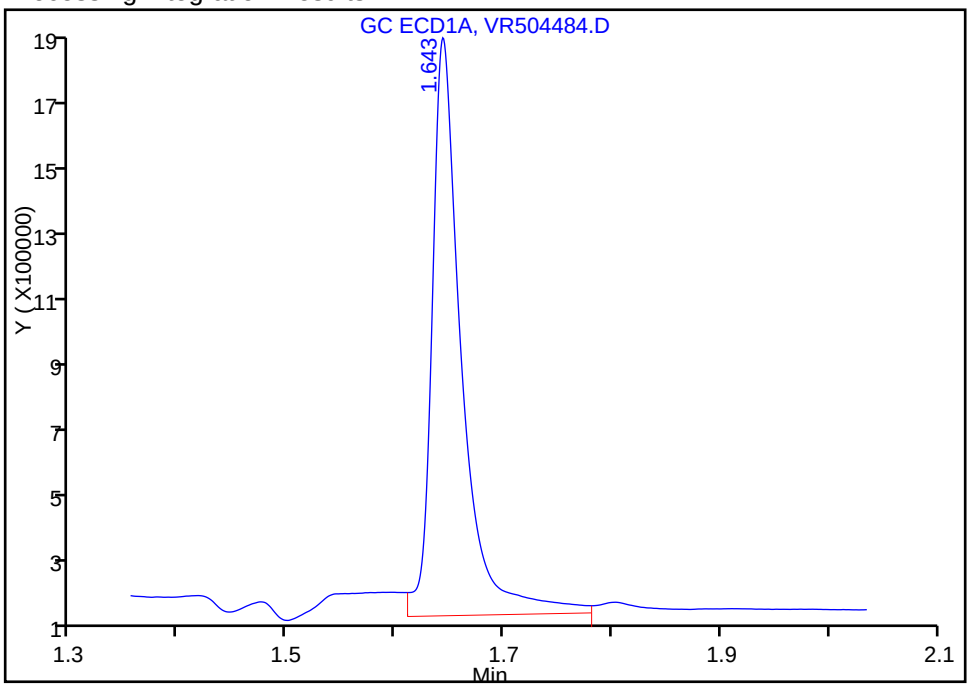
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504484.D				
Injection Date:	11-Nov-2015 18:32:56	Instrument ID:	CPESTGC9		
Lims ID:	460-104194-D-23-A	Lab Sample ID:	460-104194-23		
Client ID:	FB-20151106				
Operator ID:	615	ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

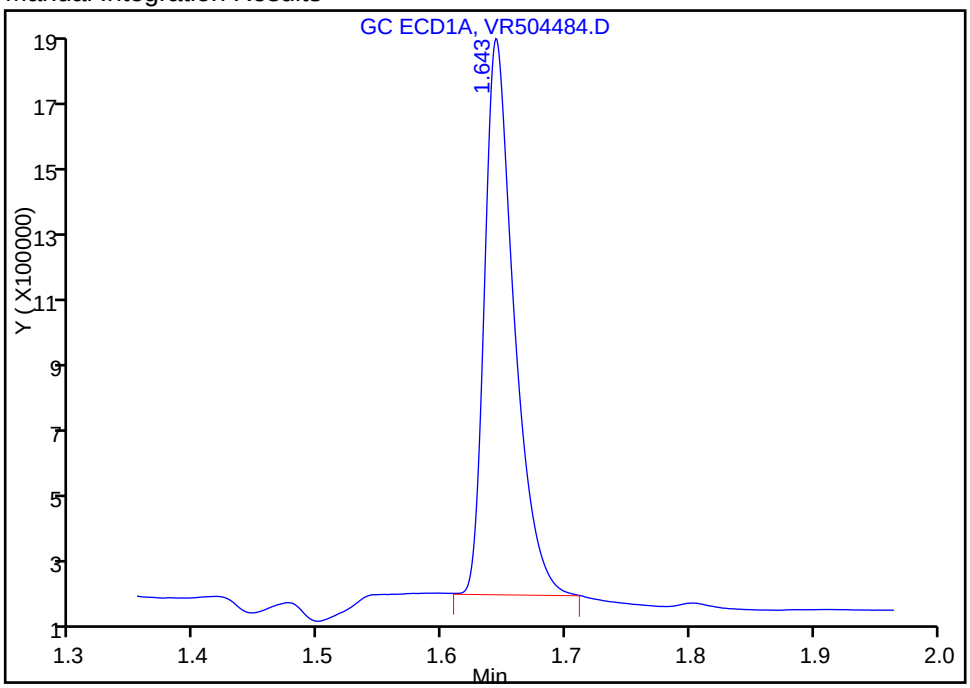
Processing Integration Results

RT: 1.64
Area: 3286426
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.64
Area: 2758911
Amount: 20.000000
Amount Units: ug/l



Reviewer: boykinc, 11-Nov-2015 23:08:32
Audit Action: Manually Integrated
Audit Reason: Baseline Smoothing

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: FB-20151106 | Lab Sample ID: 460-104194-23

Matrix: Water | Lab File ID: VR504484.D

Analysis Method: 8082A | Date Collected: 11/06/2015 13:50

Extraction Method: 3510C | Date Extracted: 11/09/2015 10:14

Sample wt/vol: 240(mL) | Date Analyzed: 11/11/2015 18:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334730 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.10	U	0.42	0.10
11104-28-2	Aroclor 1221	0.10	U	0.42	0.10
11141-16-5	Aroclor 1232	0.10	U	0.42	0.10
53469-21-9	Aroclor 1242	0.10	U	0.42	0.10
12672-29-6	Aroclor 1248	0.10	U	0.42	0.10
11097-69-1	Aroclor 1254	0.088	U	0.42	0.088
11096-82-5	Aroclor 1260	0.088	U	0.42	0.088
37324-23-5	Aroclor 1262	0.088	U	0.42	0.088
11100-14-4	Aroclor 1268	0.088	U	0.42	0.088

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	24		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504484.D
Lims ID: 460-104194-D-23-A Lab Sample ID: 460-104194-23
Client ID: FB-20151106
Sample Type: Client
Inject. Date: 11-Nov-2015 18:32:56 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034122-013
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 10:52:17 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: boykinc Date: 11-Nov-2015 23:08:32

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.643	1.644	-0.001	2758911	20.0	M
2	1.431	1.426	0.005	3858436	20.0	M
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						M
1	10.114	10.132	-0.018	2544154	20.7	M
2	9.229	9.236	-0.007	4731469	23.9	M
					RPD = 14.38	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

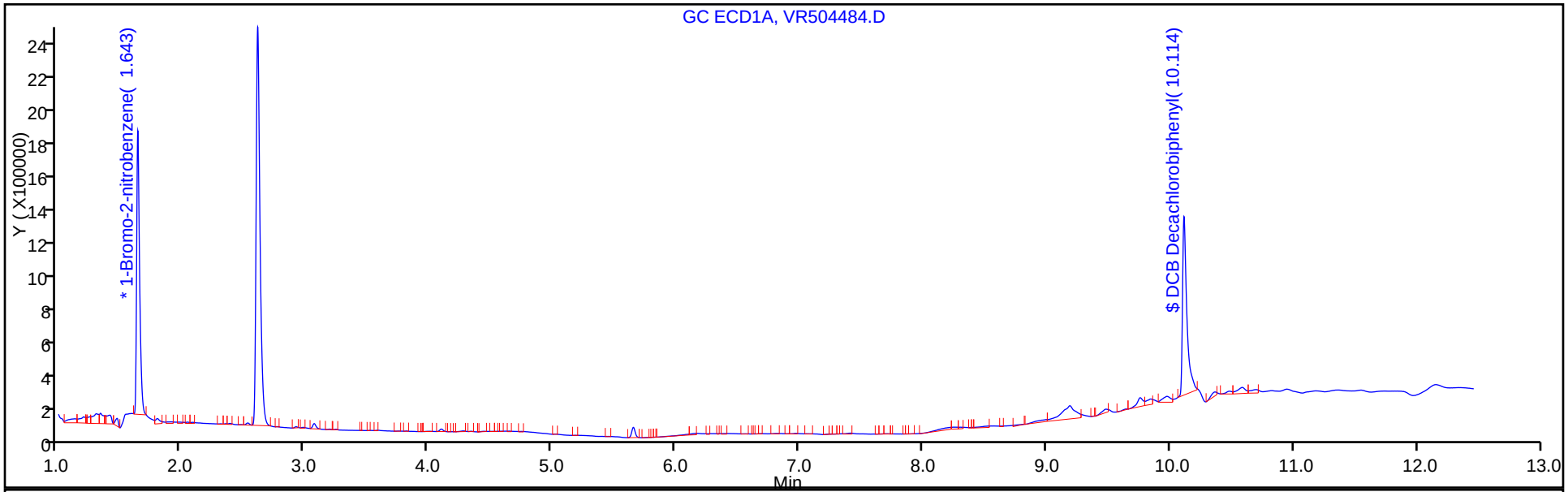
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

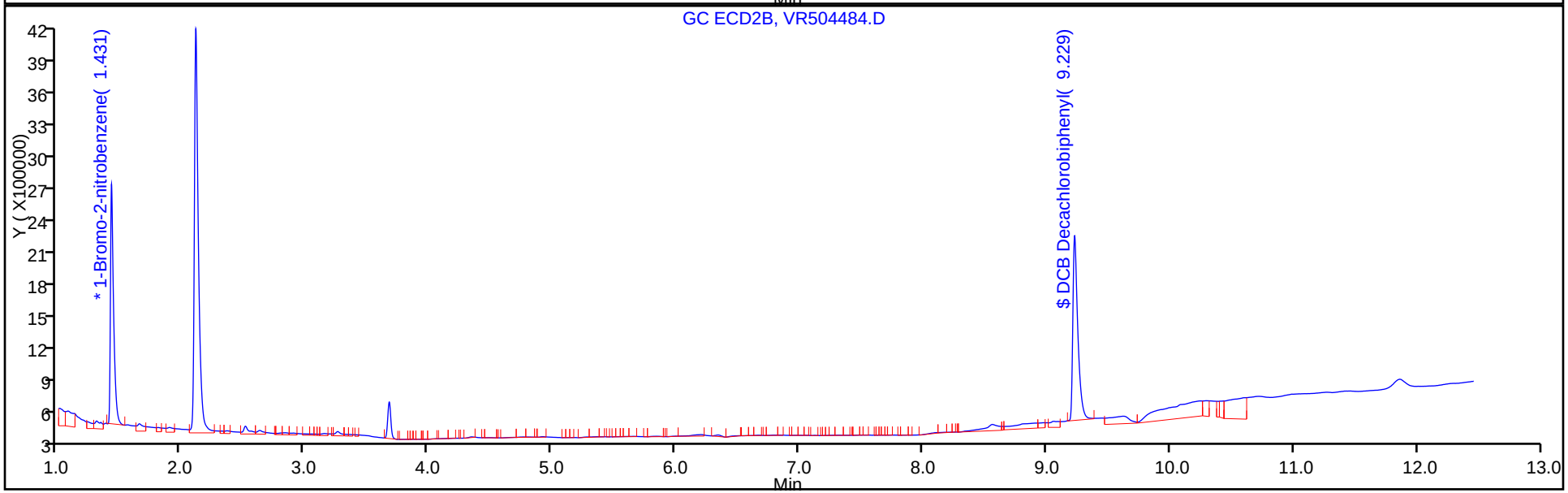
Report Date: 12-Nov-2015 10:53:08 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504484.D

Injection Date:	11-Nov-2015 18:32:56	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104194-D-23-A	Lab Sample ID:	460-104194-23	Worklist Smp#:	13
Client ID:	FB-20151106				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

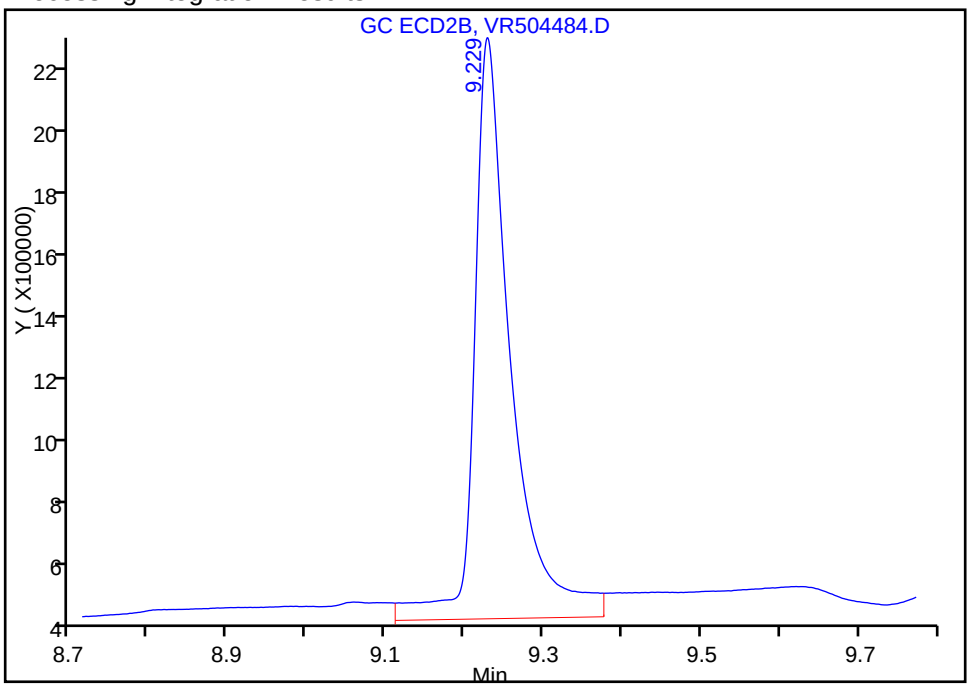
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504484.D				
Injection Date:	11-Nov-2015 18:32:56	Instrument ID:	CPESTGC9		
Lims ID:	460-104194-D-23-A	Lab Sample ID:	460-104194-23		
Client ID:	FB-20151106				
Operator ID:	615	ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

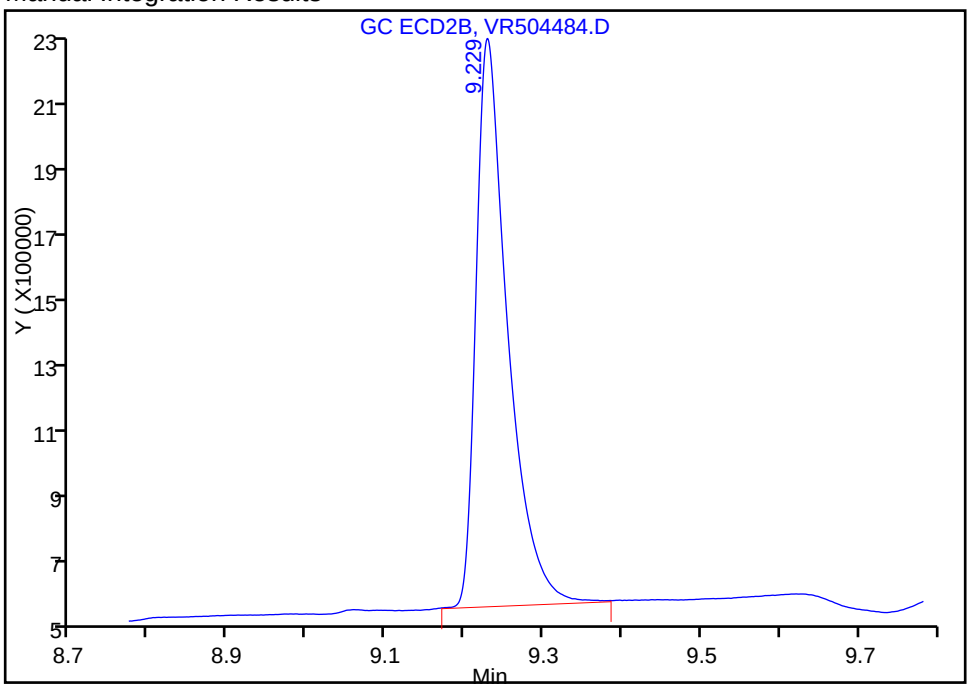
Processing Integration Results

RT: 9.23
Area: 5671500
Amount: 25.900787
Amount Units: ug/l



Manual Integration Results

RT: 9.23
Area: 4731469
Amount: 23.940813
Amount Units: ug/l



Reviewer: boykinc, 11-Nov-2015 23:08:32
Audit Action: Manually Integrated
Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

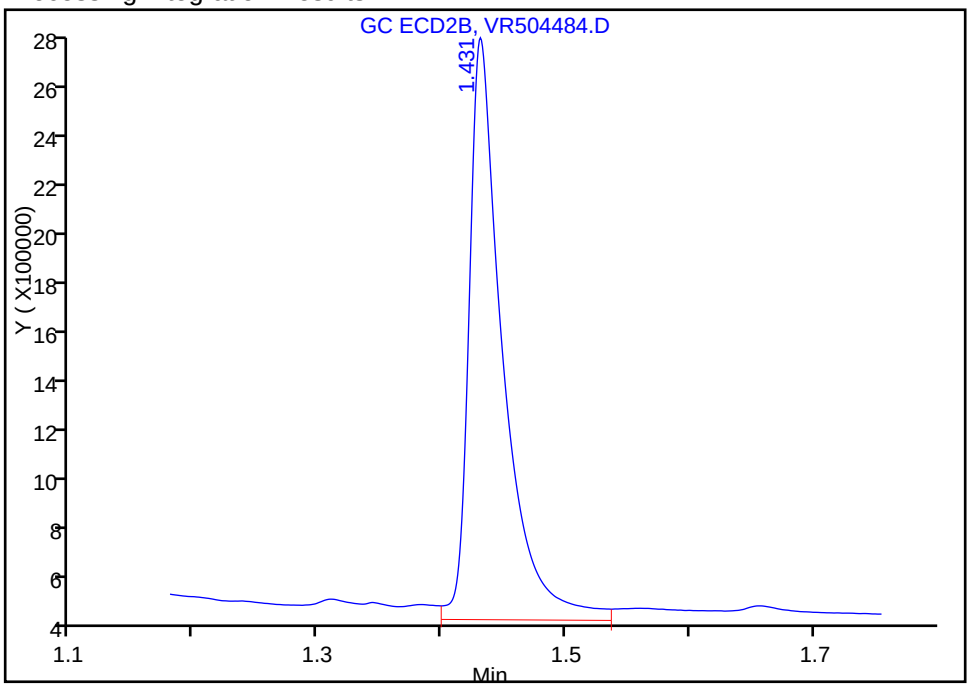
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504484.D				
Injection Date:	11-Nov-2015 18:32:56	Instrument ID:	CPESTGC9		
Lims ID:	460-104194-D-23-A	Lab Sample ID:	460-104194-23		
Client ID:	FB-20151106				
Operator ID:	615	ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

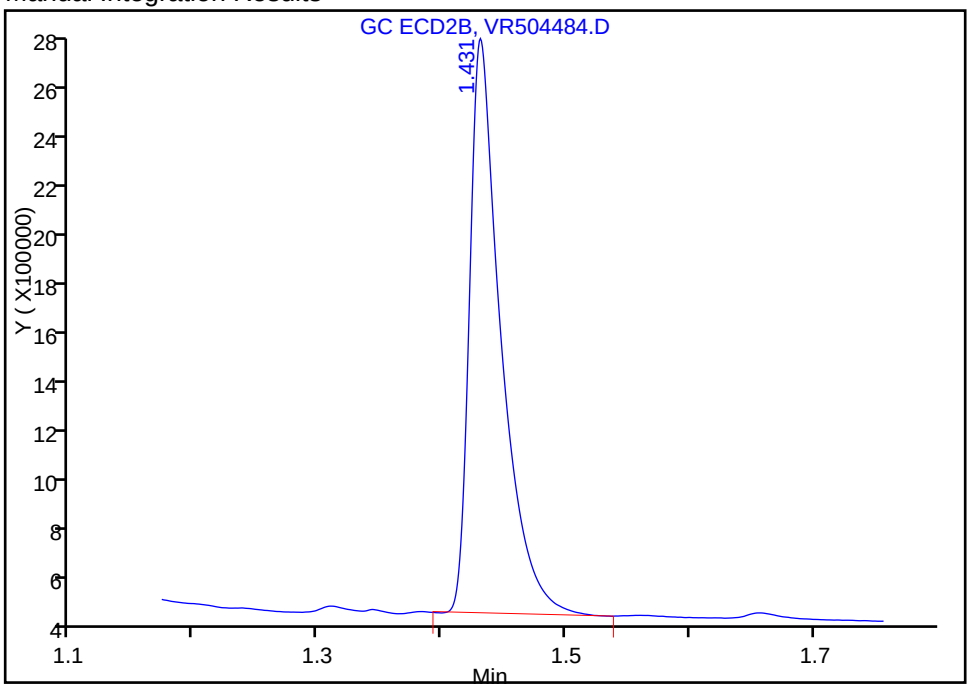
Processing Integration Results

RT: 1.43
Area: 4275030
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.43
Area: 3858436
Amount: 20.000000
Amount Units: ug/l



Reviewer: boykinc, 11-Nov-2015 23:08:32
Audit Action: Manually Integrated
Audit Reason: Baseline Smoothing

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-13_NW2_WT | Lab Sample ID: 460-104194-25

Matrix: Solid | Lab File ID: T1312144.D

Analysis Method: 8082A | Date Collected: 11/06/2015 08:45

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:21

Sample wt/vol: 15.0228(g) | Date Analyzed: 11/12/2015 10:26

Con. Extract Vol.: 10(mL) | Dilution Factor: 500

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	250000		36000	4700

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312144.D
Lims ID: 460-104194-A-25-A Lab Sample ID: 460-104194-25
Client ID: PMP-13_NW2_WT
Sample Type: Client
Inject. Date: 12-Nov-2015 10:26:18 ALS Bottle#: 79 Worklist Smp#: 79
Injection Vol: 1.0 ul Dil. Factor: 500.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:07 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 09:44:22

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.520	1.521	-0.001	31398159	20.0	
2	1.345	1.339	0.006	38407099	20.0	
				RPD =	0.00	
4 PCB-1242						
1	2.963	2.963	0.000	12302593	601.3	
1	3.426	3.426	0.000	29343307	758.1	
1	3.942	3.940	0.002	58590866	750.8	
1	4.097	4.096	0.001	24092807	728.8	
1	5.117	5.116	0.001	21772593	729.2	
		Average of Peak Amounts =			713.6	
2	2.324	2.327	-0.003	15090163	554.2	
2	2.677	2.680	-0.003	39283898	766.6	
2	3.150	3.140	0.010	77830954	711.2	
2	3.288	3.290	-0.002	33004947	702.3	
2	3.720	3.723	-0.003	32520161	692.5	
		Average of Peak Amounts =			685.4	
				RPD =	4.04	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

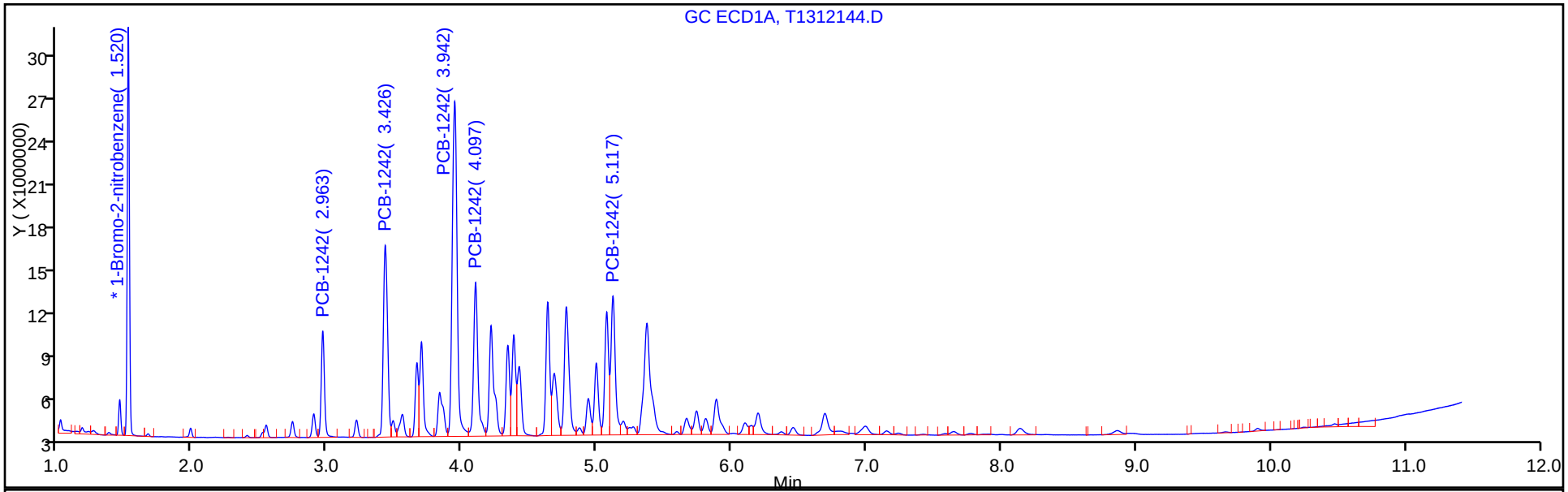
Reagents:

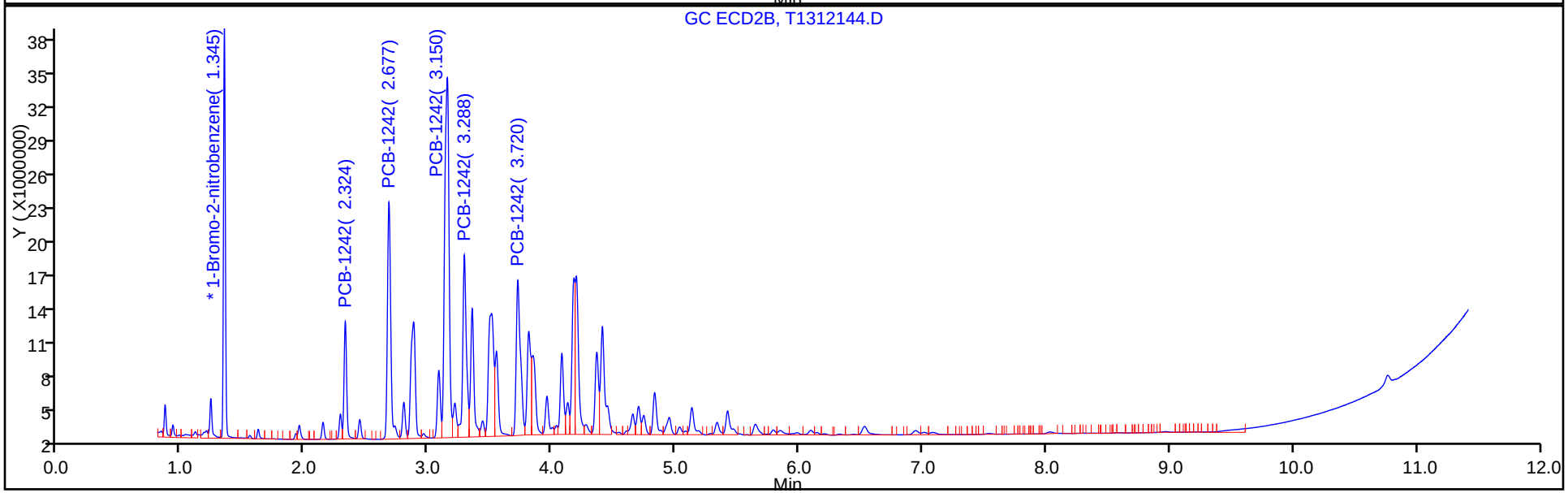
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 12-Nov-2015 12:23:45 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312144.D				
Injection Date:	12-Nov-2015 10:26:18	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-A-25-A	Lab Sample ID:	460-104194-25	Worklist Smp#:	79
Client ID:	PMP-13_NW2_WT				
Injection Vol:	1.0 ul	Dil. Factor:	500.0000	ALS Bottle#:	79
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-13_NW2_WT | Lab Sample ID: 460-104194-25

Matrix: Solid | Lab File ID: T1312144.D

Analysis Method: 8082A | Date Collected: 11/06/2015 08:45

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:21

Sample wt/vol: 15.0228(g) | Date Analyzed: 11/12/2015 10:26

Con. Extract Vol.: 10(mL) | Dilution Factor: 500

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	4700	U	36000	4700
11104-28-2	Aroclor 1221	4700	U	36000	4700
11141-16-5	Aroclor 1232	4700	U	36000	4700
12672-29-6	Aroclor 1248	4700	U	36000	4700
11097-69-1	Aroclor 1254	4900	U	36000	4900
11096-82-5	Aroclor 1260	4900	U	36000	4900
37324-23-5	Aroclor 1262	4900	U	36000	4900
11100-14-4	Aroclor 1268	4900	U	36000	4900

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312144.D
Lims ID: 460-104194-A-25-A Lab Sample ID: 460-104194-25
Client ID: PMP-13_NW2_WT
Sample Type: Client
Inject. Date: 12-Nov-2015 10:26:18 ALS Bottle#: 79 Worklist Smp#: 79
Injection Vol: 1.0 ul Dil. Factor: 500.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:07 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 09:44:22

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.520	1.521	-0.001	31398159	20.0	
2	1.345	1.339	0.006	38407099	20.0	
				RPD =	0.00	
4 PCB-1242						
1	2.963	2.963	0.000	12302593	601.3	
1	3.426	3.426	0.000	29343307	758.1	
1	3.942	3.940	0.002	58590866	750.8	
1	4.097	4.096	0.001	24092807	728.8	
1	5.117	5.116	0.001	21772593	729.2	
		Average of Peak Amounts =			713.6	
2	2.324	2.327	-0.003	15090163	554.2	
2	2.677	2.680	-0.003	39283898	766.6	
2	3.150	3.140	0.010	77830954	711.2	
2	3.288	3.290	-0.002	33004947	702.3	
2	3.720	3.723	-0.003	32520161	692.5	
		Average of Peak Amounts =			685.4	
				RPD =	4.04	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

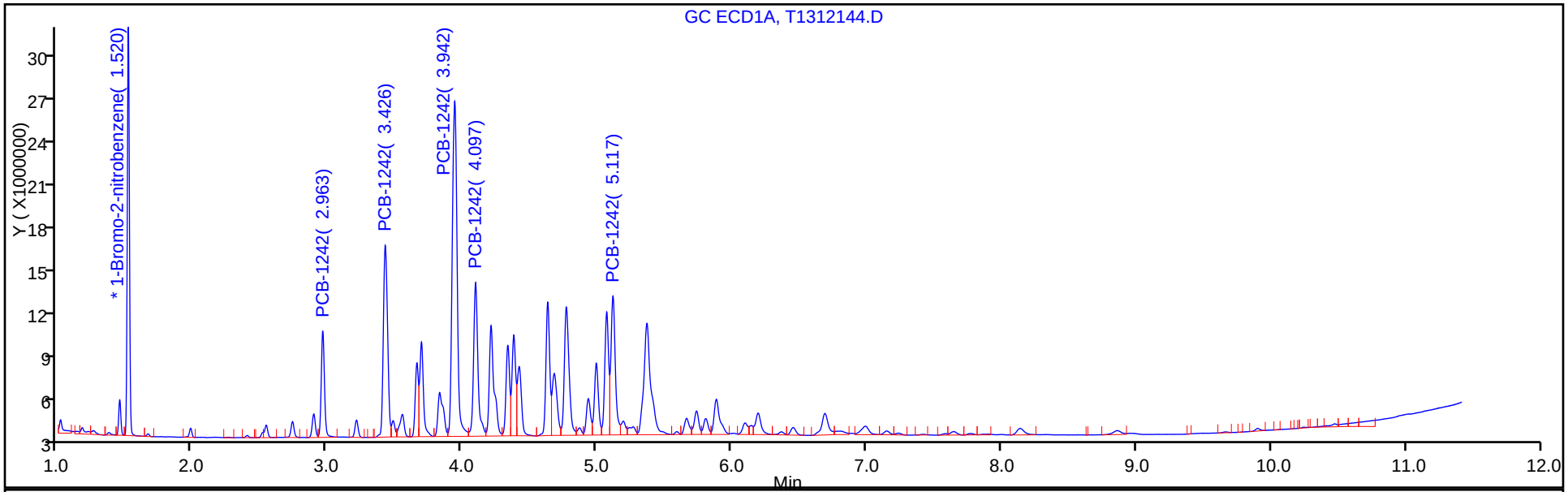
Reagents:

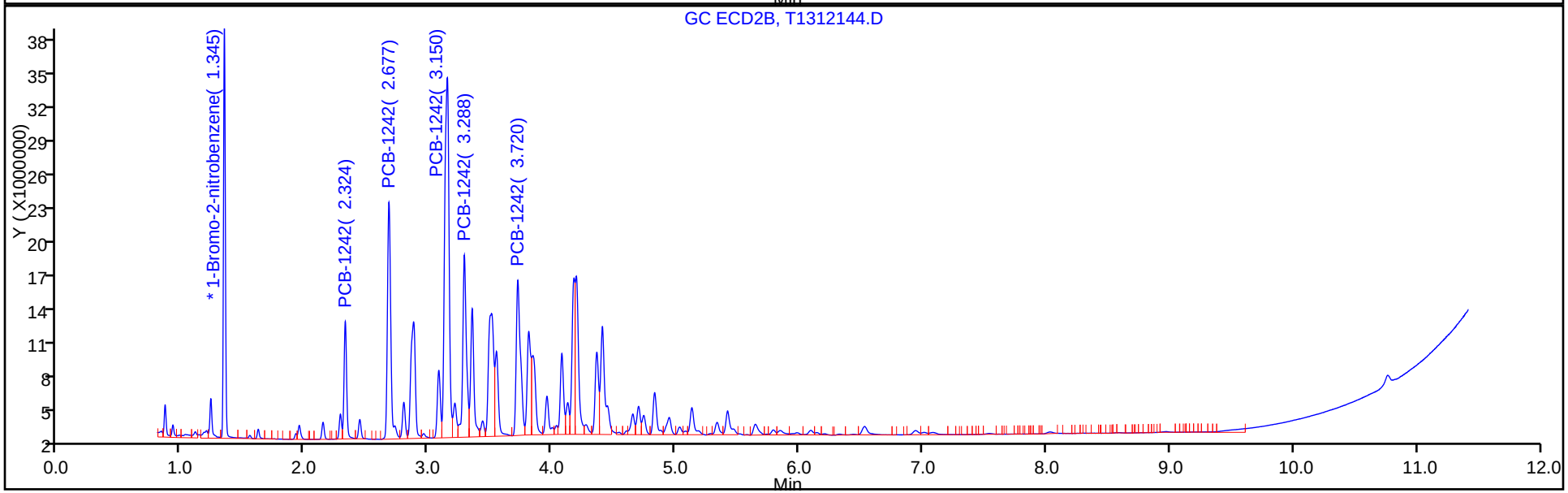
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 12-Nov-2015 12:23:46 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312144.D				
Injection Date:	12-Nov-2015 10:26:18	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-104194-A-25-A	Lab Sample ID:	460-104194-25	Worklist Smp#:	79
Client ID:	PMP-13_NW2_WT				
Injection Vol:	1.0 ul	Dil. Factor:	500.0000	ALS Bottle#:	79
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 11:15 Calibration End Date: 08/02/2015 12:13 Calibration ID: 51529

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/2	T1305294.D
Level 2	IC 460-314126/3	T1305295.D
Level 3	IC 460-314126/4	T1305296.D
Level 4	IC 460-314126/5	T1305297.D
Level 5	IC 460-314126/6	T1305298.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0196	0.0184	0.0166	0.0169	0.0169	Ave		0.0177				7.3		20.0			0.9900
PCB-1016 Peak 2	0.0363	0.0357	0.0315	0.0325	0.0327	Ave		0.0337				6.3		20.0			0.9900
PCB-1016 Peak 3	0.0793	0.0714	0.0636	0.0661	0.0670	Ave		0.0695				8.9		20.0			0.9900
PCB-1016 Peak 4	0.0279	0.0236	0.0213	0.0219	0.0221	Ave		0.0234				11.4		20.0			0.9900
PCB-1016 Peak 5	0.0270	0.0270	0.0244	0.0253	0.0256	Ave		0.0259				4.3		20.0			0.9900
PCB-1260 Peak 1	0.0527	0.0494	0.0438	0.0458	0.0464	Ave		0.0476				7.3		20.0			0.9900
PCB-1260 Peak 2	0.0561	0.0549	0.0484	0.0508	0.0514	Ave		0.0523				6.0		20.0			0.9900
PCB-1260 Peak 3	0.0405	0.0399	0.0360	0.0377	0.0379	Ave		0.0384				4.7		20.0			0.9900
PCB-1260 Peak 4	0.0910	0.0885	0.0792	0.0838	0.0849	Ave		0.0855				5.3		20.0			0.9900
PCB-1260 Peak 5	0.0226	0.0222	0.0200	0.0211	0.0212	Ave		0.0214				4.8		20.0			0.9900
Tetrachloro-m-xylene	0.8936	0.8880	0.8844	0.8626	0.9102	Ave		0.8878				1.9		20.0			0.9900
DCB Decachlorobiphenyl	0.7064	0.6615	0.6409	0.6326	0.6675	Ave		0.6618				4.4		20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 11:15 Calibration End Date: 08/02/2015 12:13 Calibration ID: 51529

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/2	T1305294.D
Level 2	IC 460-314126/3	T1305295.D
Level 3	IC 460-314126/4	T1305296.D
Level 4	IC 460-314126/5	T1305297.D
Level 5	IC 460-314126/6	T1305298.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Ave	1335406	11922280	21750628	32564130	51591350	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	2473032	23074666	41248459	62666863	99887391	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	5397157	46188173	83199448	127349298	204793319	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	1899472	15269790	27874482	42236282	67627418	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	1836791	17464994	31929600	48731258	78299345	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	3588458	31950176	57310163	88196317	141857195	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	3818763	35500214	63296754	97834432	157163041	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	2756952	25835803	47054078	72664310	116010419	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	6195654	57228673	103568364	161316696	259561875	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	1535892	14375309	26148855	40595155	64870120	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	15211371	57440719	115700443	166083391	222660078	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	12024925	42787094	83837065	121789396	163296590	12.5	50.0	100	150	200

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305294.D
Lims ID: IC PCB 1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 02-Aug-2015 11:15:43 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: CCVRT
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Aug-2015 14:37:47 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK027

First Level Reviewer: patelji Date: 02-Aug-2015 12:06:39

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.557	1.556	0.001	27235576	20.0	20.0	
2	1.372	1.372	0.000	33539268	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.456	2.454	0.002	15211371	12.5	12.6	
2	2.010	2.009	0.001	20280770	12.5	12.9	
						RPD = 2.81	
5 PCB-1016							M
1	3.029	3.026	0.003	1335406	50.0	55.4	
1	3.497	3.495	0.002	2473032	50.0	53.8	
1	4.016	4.014	0.002	5397157	50.0	57.0	M
1	4.711	4.709	0.002	1899472	50.0	59.7	
1	4.849	4.848	0.001	1836791	50.0	52.2	
		Average of Peak Amounts =				55.6	
2	2.373	2.371	0.002	1816149	50.0	57.5	
2	2.731	2.730	0.001	3394816	50.0	55.9	M
2	3.209	3.209	0.000	6918606	50.0	53.8	M
2	3.349	3.348	0.001	3041234	50.0	54.1	M
2	3.786	3.785	0.001	3306953	50.0	58.1	M
		Average of Peak Amounts =				55.9	
						RPD = 0.44	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.246	6.245	0.001	3588458	50.0	55.3	M
1	6.560	6.557	0.003	3818763	50.0	53.6	M
1	7.782	7.781	0.001	2756952	50.0	52.7	
1	8.283	8.279	0.004	6195654	50.0	53.2	
1	10.005	10.000	0.005	1535892	50.0	52.7	M
		Average of Peak Amounts =				53.5	
2	5.105	5.104	0.001	4420820	50.0	55.4	
2	6.180	6.178	0.002	4279021	50.0	55.8	M
2	6.621	6.621	0.000	8842055	50.0	53.6	M
2	7.040	7.041	-0.001	4988883	50.0	53.4	
2	8.147	8.145	0.002	2326948	50.0	52.7	M
		Average of Peak Amounts =				54.2	
						RPD = 1.22	
$ 11 DCB Decachlorobiphenyl							M
1	10.580	10.573	0.007	12024925	12.5	13.3	M
2	9.100	9.097	0.003	21174637	12.5	13.5	M
						RPD = 0.90	
S 12 Polychlorinated biphenyls, Total							
1						109.1	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

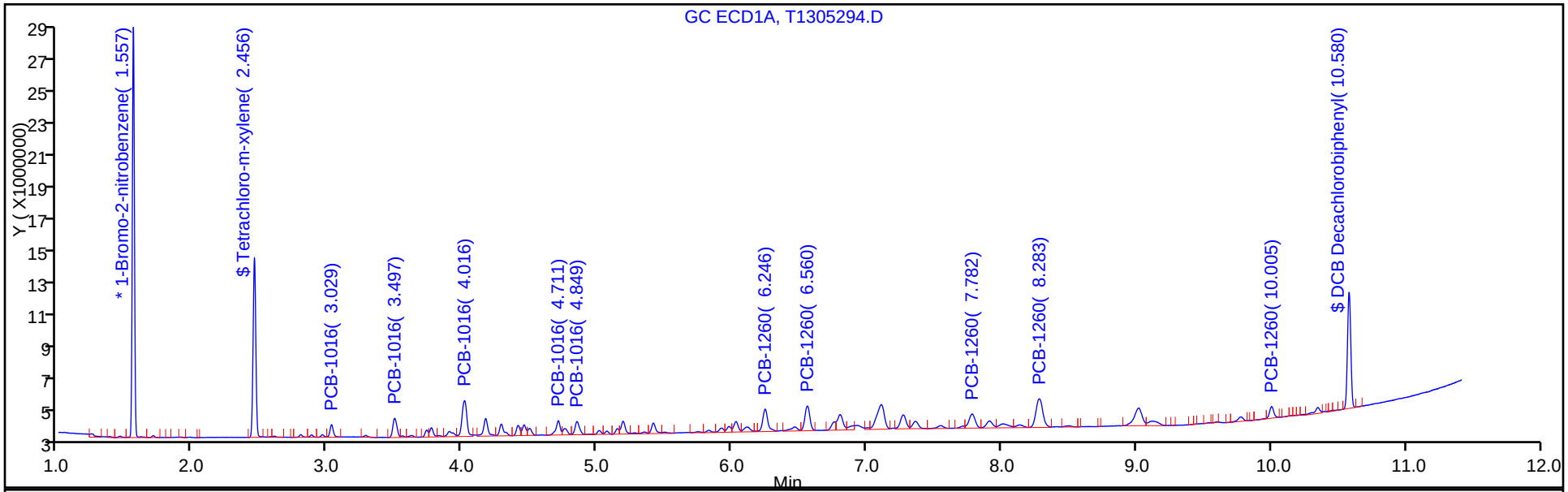
SG1660(LVI)L1_00007	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

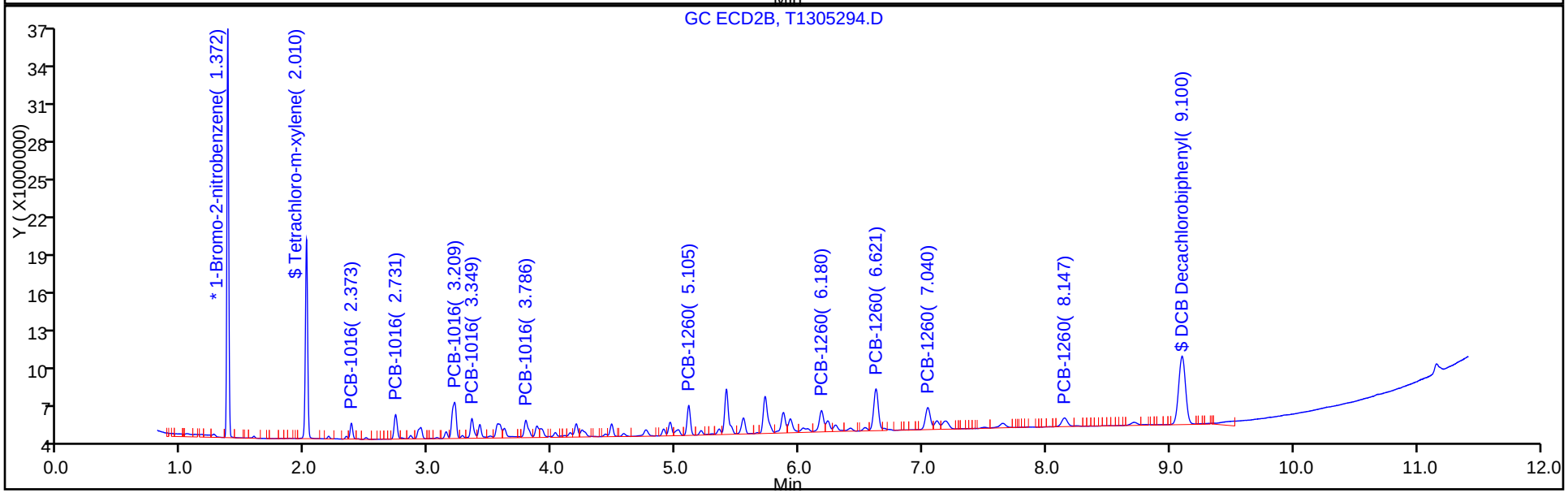
Report Date: 02-Aug-2015 14:37:50 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305294.D

Injection Date:	02-Aug-2015 11:15:43	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 1			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305295.D
Lims ID: IC PCB 2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 02-Aug-2015 11:30:16 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030311-003
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Aug-2015 14:37:54 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK027

First Level Reviewer: patelji Date: 02-Aug-2015 12:06:19

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.556	1.556	0.000	25873396	20.0	20.0	
2	1.372	1.372	0.000	32810655	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.454	2.454	0.000	57440719	50.0	50.0	
2	2.009	2.009	0.000	76613295	50.0	50.0	M
						RPD = 0.08	
5 PCB-1016							M
1	3.026	3.026	0.000	11922280	500.0	520.9	
1	3.494	3.495	-0.001	23074666	500.0	528.5	
1	4.013	4.014	-0.001	46188173	500.0	513.9	
1	4.709	4.709	0.000	15269790	500.0	505.0	
1	4.848	4.848	0.000	17464994	500.0	522.0	
		Average of Peak Amounts =				518.1	
2	2.372	2.371	0.001	15882988	500.0	513.6	
2	2.730	2.730	0.000	30790683	500.0	518.6	M
2	3.208	3.209	-0.001	65496519	500.0	520.3	M
2	3.348	3.348	0.000	28500792	500.0	518.1	M
2	3.785	3.785	0.000	28255718	500.0	507.5	M
		Average of Peak Amounts =				515.6	
						RPD = 0.47	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.243	6.245	-0.002	31950176	500.0	518.6	
1	6.558	6.557	0.001	35500214	500.0	524.6	
1	7.780	7.781	-0.001	25835803	500.0	519.9	M
1	8.279	8.279	0.000	57228673	500.0	517.6	
1	10.001	10.000	0.001	14375309	500.0	518.9	
		Average of Peak Amounts =				519.9	
2	5.103	5.104	-0.001	39935675	500.0	511.3	M
2	6.179	6.178	0.001	38118258	500.0	507.8	M
2	6.621	6.621	0.000	82637182	500.0	511.8	M
2	7.039	7.041	-0.002	46252520	500.0	505.8	
2	8.145	8.145	0.000	22090285	500.0	511.8	M
		Average of Peak Amounts =				509.7	
						RPD = 1.98	
$ 11 DCB Decachlorobiphenyl							M
1	10.570	10.573	-0.003	42787094	50.0	50.0	M
2	9.098	9.097	0.001	75399889	50.0	49.0	M
						RPD = 1.96	
S 12 Polychlorinated biphenyls, Total							
1						1038.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

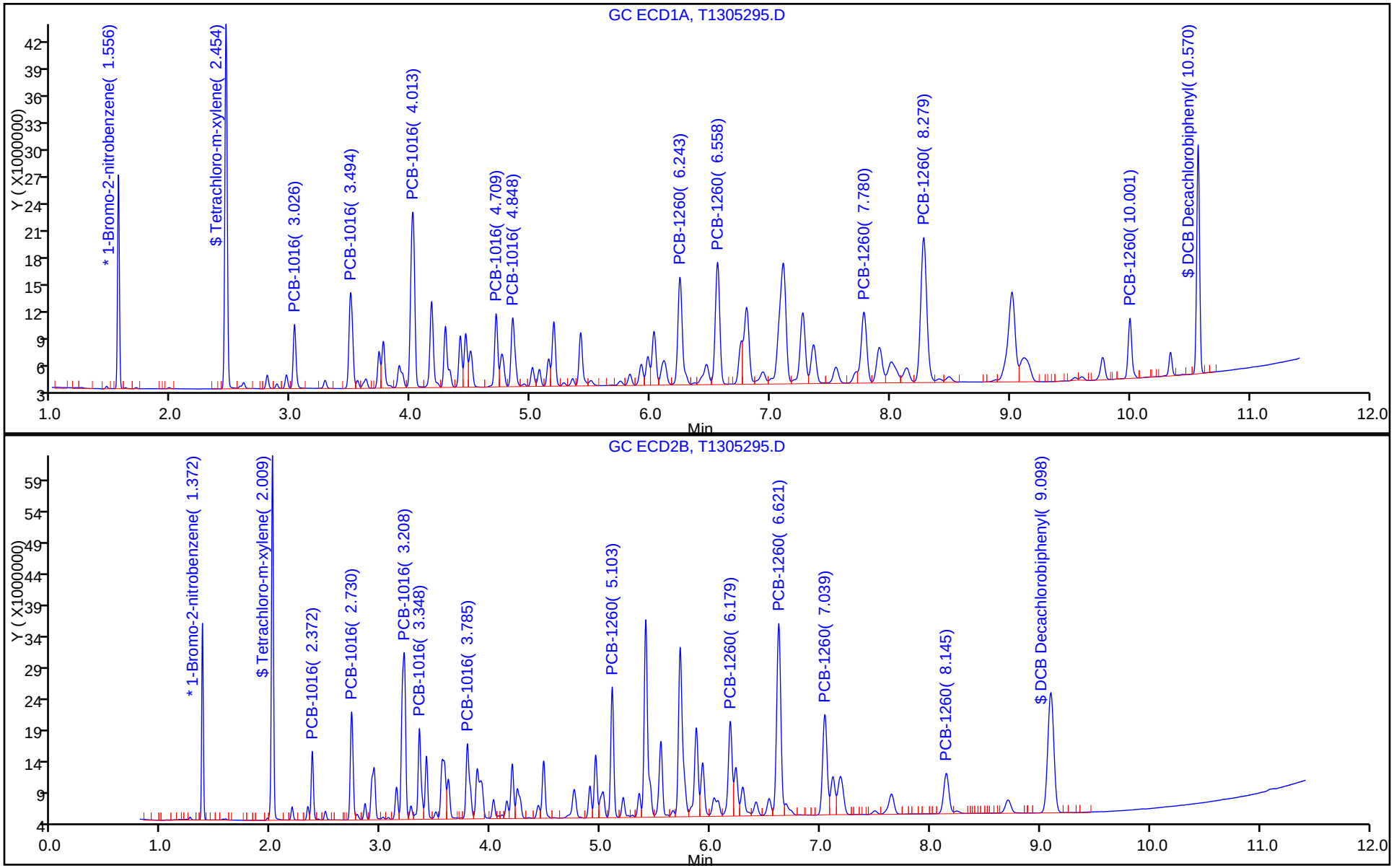
SG1660L2_00020	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 02-Aug-2015 14:37:57 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305295.D

Injection Date:	02-Aug-2015 11:30:16	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 2			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305296.D
Lims ID: IC PCB 3
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 02-Aug-2015 11:44:51 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030311-004
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Aug-2015 14:38:00 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK027

First Level Reviewer: patelji Date: 02-Aug-2015 12:06:12

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.555	1.555	0.000	26163446	20.0	20.0	
2	1.371	1.371	0.000	32566512	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.454	2.454	0.000	115700443	100.0	99.6	M
2	2.009	2.009	0.000	150845152	100.0	99.1	
						RPD = 0.50	
5 PCB-1016							M
1	3.026	3.026	0.000	21750628	1000.0	939.8	M
1	3.495	3.495	0.000	41248459	1000.0	934.3	
1	4.014	4.014	0.000	83199448	1000.0	915.4	M
1	4.709	4.709	0.000	27874482	1000.0	911.6	M
1	4.848	4.848	0.000	31929600	1000.0	943.8	M
		Average of Peak Amounts =				929.0	
2	2.371	2.371	0.000	28380345	1000.0	924.6	
2	2.730	2.730	0.000	54676485	1000.0	927.8	M
2	3.209	3.209	0.000	116783920	1000.0	934.7	M
2	3.348	3.348	0.000	50908929	1000.0	932.4	M
2	3.785	3.785	0.000	50342088	1000.0	911.0	M
		Average of Peak Amounts =				926.1	
						RPD = 0.31	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.245	6.245	0.000	57310163	1000.0	920.0	M
1	6.557	6.557	0.000	63296754	1000.0	924.9	M
1	7.781	7.781	0.000	47054078	1000.0	936.3	
1	8.279	8.279	0.000	103568364	1000.0	926.4	
1	10.000	10.000	0.000	26148855	1000.0	933.5	
		Average of Peak Amounts =				928.2	
2	5.104	5.104	0.000	71821557	1000.0	926.5	M
2	6.178	6.178	0.000	68285904	1000.0	916.4	M
2	6.621	6.621	0.000	148759245	1000.0	928.3	M
2	7.041	7.041	0.000	84614421	1000.0	932.2	
2	8.145	8.145	0.000	40073576	1000.0	935.4	
		Average of Peak Amounts =				927.8	
						RPD = 0.05	
$ 11 DCB Decachlorobiphenyl							
1	10.573	10.573	0.000	83837065	100.0	96.8	
2	9.097	9.097	0.000	150628924	100.0	98.6	
						RPD = 1.84	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

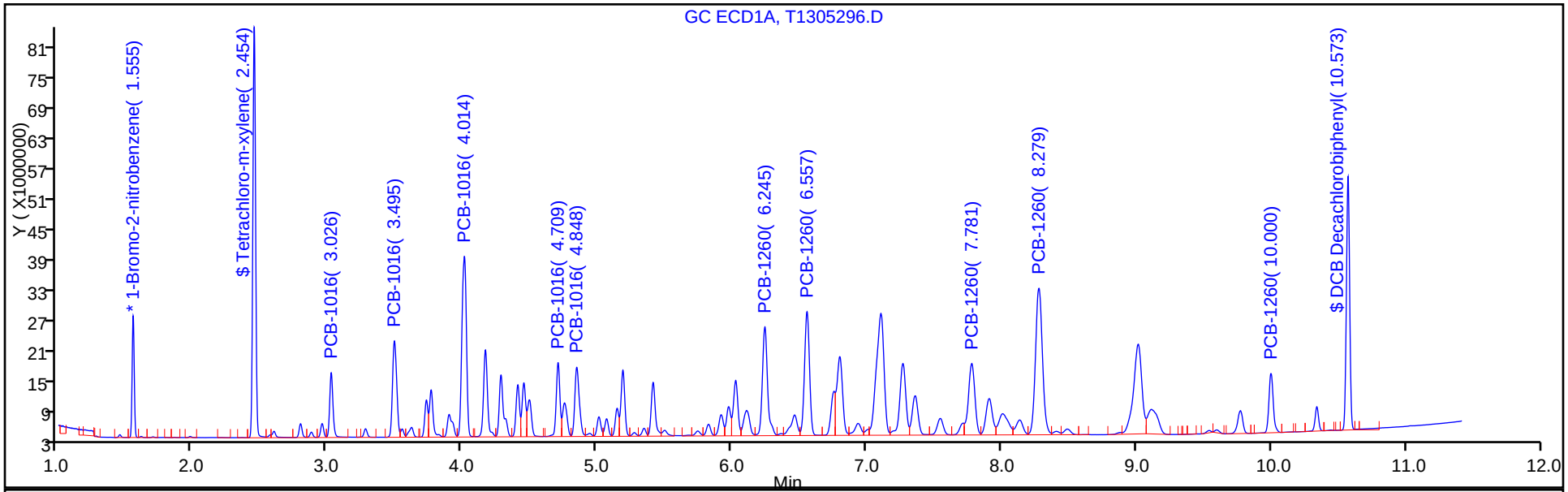
SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

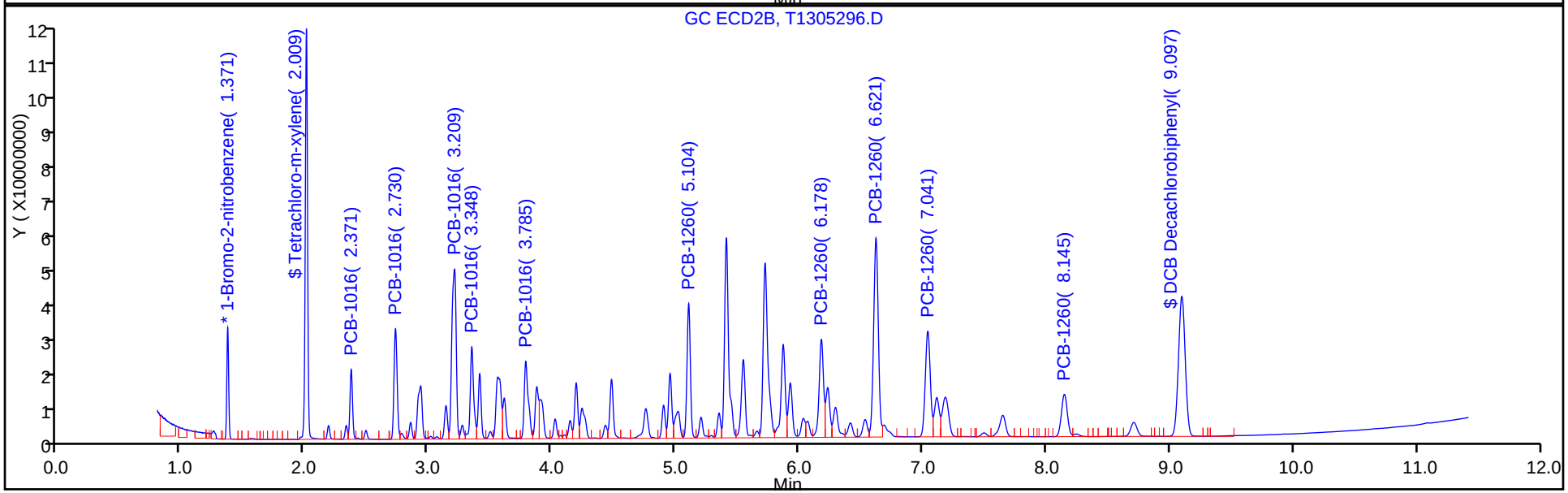
Report Date: 02-Aug-2015 14:38:03 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305296.D

Injection Date:	02-Aug-2015 11:44:51	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 3			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305297.D
Lims ID: IC PCB 4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 02-Aug-2015 11:59:21 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030311-005
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Aug-2015 14:38:05 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK027

First Level Reviewer: patelji Date: 02-Aug-2015 12:29:49

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.556	1.555	0.001	25670690	20.0	20.0	
2	1.372	1.371	0.001	32363951	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.454	2.454	0.000	166083391	150.0	145.8	
2	2.009	2.009	0.000	215115952	150.0	142.2	
						RPD = 2.43	
5 PCB-1016							M
1	3.026	3.026	0.000	32564130	1500.0	1434.1	
1	3.495	3.495	0.000	62666863	1500.0	1446.7	
1	4.014	4.014	0.000	127349298	1500.0	1428.0	
1	4.710	4.709	0.001	42236282	1500.0	1407.9	
1	4.849	4.848	0.001	48731258	1500.0	1468.1	
		Average of Peak Amounts =				1437.0	
2	2.372	2.371	0.001	43150666	1500.0	1414.6	M
2	2.730	2.730	0.000	83517686	1500.0	1426.1	M
2	3.209	3.209	0.000	179787182	1500.0	1448.0	M
2	3.348	3.348	0.000	78832198	1500.0	1452.8	M
2	3.785	3.785	0.000	78483709	1500.0	1429.2	M
		Average of Peak Amounts =				1434.1	
						RPD = 0.20	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.244	6.245	-0.001	88196317	1500.0	1442.9	
1	6.557	6.557	0.000	97834432	1500.0	1457.0	
1	7.779	7.781	-0.002	72664310	1500.0	1473.7	
1	8.279	8.279	0.000	161316696	1500.0	1470.6	
1	10.001	10.000	0.001	40595155	1500.0	1477.0	
		Average of Peak Amounts =				1464.2	
2	5.104	5.104	0.000	111838155	1500.0	1451.7	M
2	6.179	6.178	0.001	107870468	1500.0	1456.7	M
2	6.621	6.621	0.000	235054347	1500.0	1476.0	M
2	7.040	7.041	-0.001	133825782	1500.0	1483.7	
2	8.146	8.145	0.001	62963400	1500.0	1478.9	
		Average of Peak Amounts =				1469.4	
						RPD = 0.35	
$ 11 DCB Decachlorobiphenyl							M
1	10.574	10.573	0.001	121789396	150.0	143.4	M
2	9.097	9.097	0.000	218022764	150.0	143.7	
						RPD = 0.19	
S 12 Polychlorinated biphenyls, Total							
1						2901.2	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

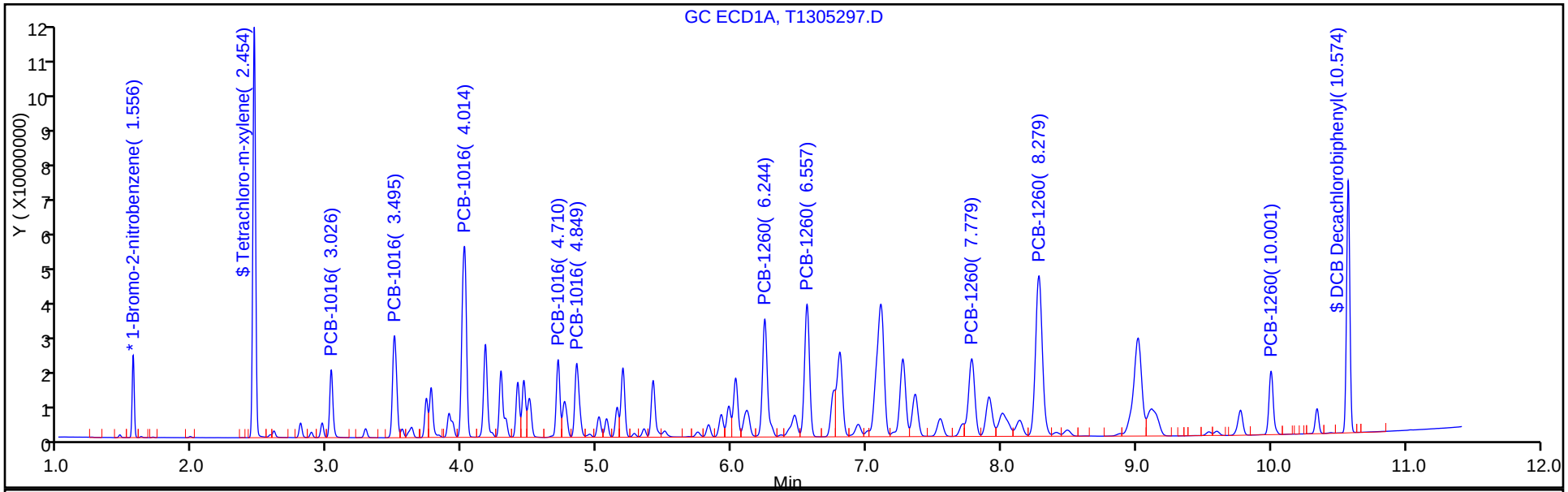
SG1660L4_00019	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

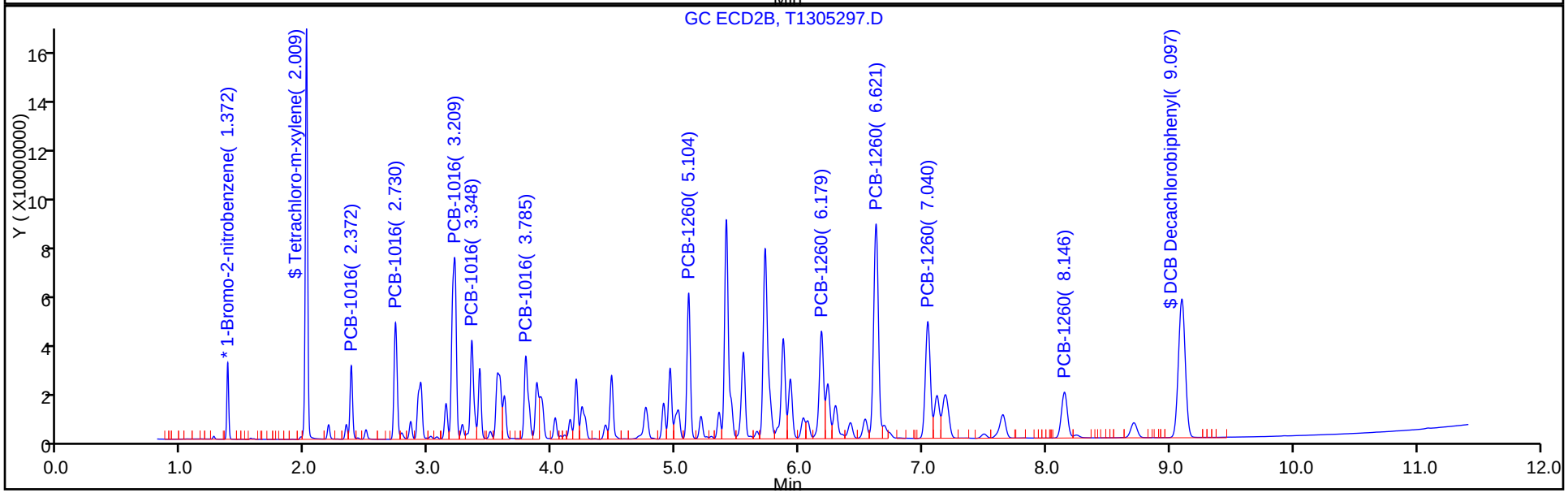
Report Date: 02-Aug-2015 14:38:09 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305297.D

Injection Date:	02-Aug-2015 11:59:21	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 4			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305298.D
Lims ID: IC PCB 5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 02-Aug-2015 12:13:52 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030311-006
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Aug-2015 14:38:12 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK027

First Level Reviewer: patelji Date: 02-Aug-2015 12:29:20

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.556	1.555	0.001	24462659	20.0	20.0	
2	1.372	1.371	0.001	30888084	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.454	2.454	0.000	222660078	200.0	205.1	
2	2.009	2.009	0.000	296068437	200.0	205.1	M
						RPD = 0.04	
5 PCB-1016							M
1	3.026	3.026	0.000	51591350	2500.0	2384.2	
1	3.494	3.495	-0.001	99887391	2500.0	2419.8	
1	4.013	4.014	-0.001	204793319	2500.0	2409.9	M
1	4.710	4.709	0.001	67627418	2500.0	2365.6	
1	4.849	4.848	0.001	78299345	2500.0	2475.4	
		Average of Peak Amounts =				2411.0	
2	2.372	2.371	0.001	69585451	2500.0	2390.2	M
2	2.730	2.730	0.000	134896108	2500.0	2413.5	M
2	3.209	3.209	0.000	291512605	2500.0	2460.0	M
2	3.348	3.348	0.000	127042479	2500.0	2453.1	M
2	3.785	3.785	0.000	125659668	2500.0	2397.5	M
		Average of Peak Amounts =				2422.9	
						RPD = 0.49	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.243	6.245	-0.002	141857195	2500.0	2435.4	
1	6.555	6.557	-0.002	157163041	2500.0	2456.2	
1	7.778	7.781	-0.003	116010419	2500.0	2468.9	
1	8.276	8.279	-0.003	259561875	2500.0	2483.1	
1	9.999	10.000	-0.001	64870120	2500.0	2476.7	
		Average of Peak Amounts =				2464.1	
2	5.104	5.104	0.000	179338119	2500.0	2439.1	M
2	6.179	6.178	0.001	173451849	2500.0	2454.3	M
2	6.619	6.621	-0.002	377124065	2500.0	2481.2	M
2	7.040	7.041	-0.001	215136224	2500.0	2499.1	
2	8.144	8.145	-0.001	101609851	2500.0	2500.7	
		Average of Peak Amounts =				2474.9	
						RPD = 0.44	
$ 11 DCB Decachlorobiphenyl							M
1	10.570	10.573	-0.003	163296590	200.0	201.7	
2	9.096	9.097	-0.001	289312996	200.0	199.7	M
						RPD = 0.99	
S 12 Polychlorinated biphenyls, Total							
1						4875.1	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

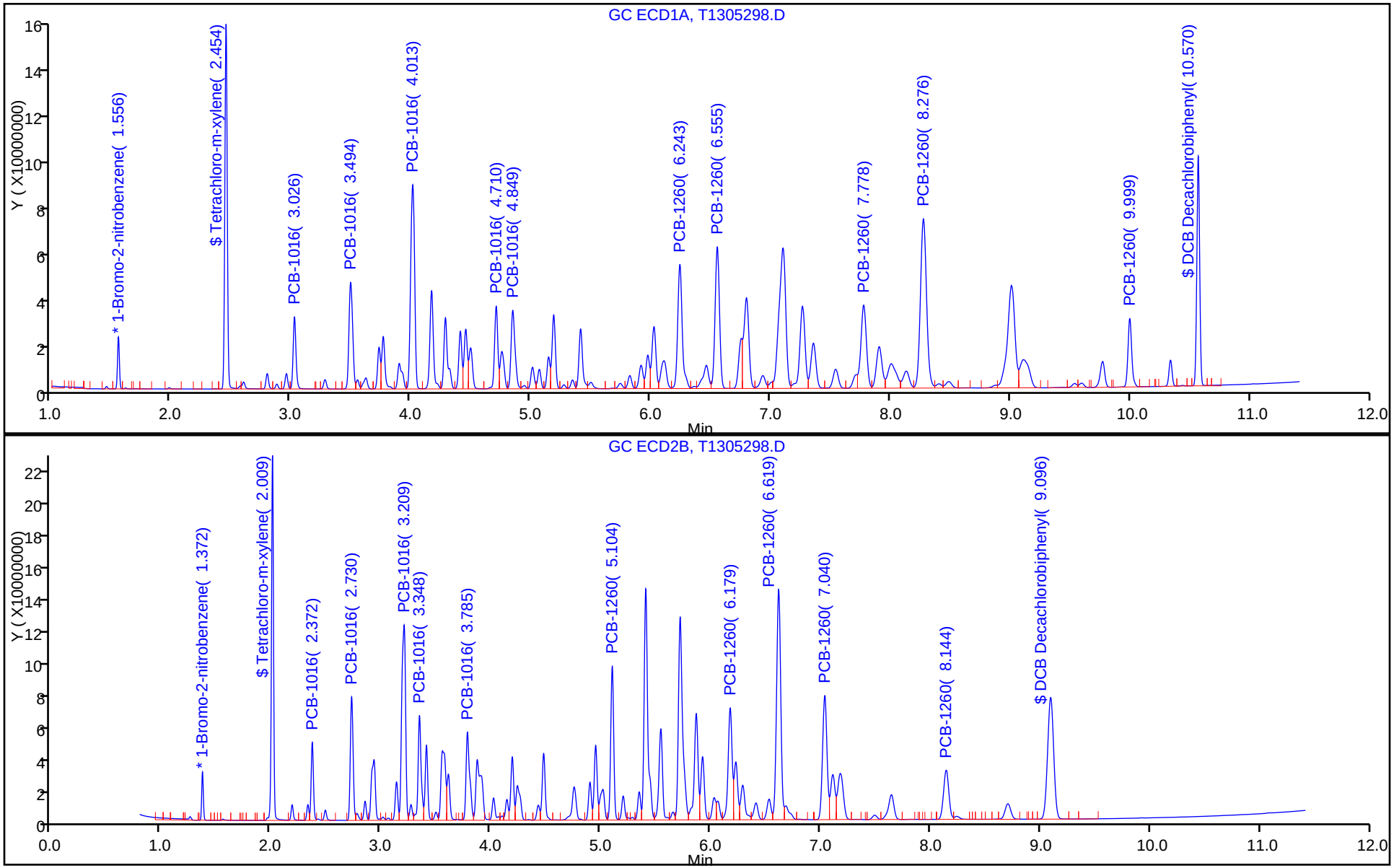
SG1660L5_00019	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 02-Aug-2015 14:38:15 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305298.D

Injection Date:	02-Aug-2015 12:13:52	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 5			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 11:15 Calibration End Date: 08/02/2015 12:13 Calibration ID: 51530

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/2	T1305294.D
Level 2	IC 460-314126/3	T1305295.D
Level 3	IC 460-314126/4	T1305296.D
Level 4	IC 460-314126/5	T1305297.D
Level 5	IC 460-314126/6	T1305298.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0217	0.0194	0.0174	0.0178	0.0180	Ave		0.0189				9.2		20.0			0.9900
PCB-1016 Peak 2	0.0405	0.0375	0.0336	0.0344	0.0349	Ave		0.0362				7.8		20.0			0.9900
PCB-1016 Peak 3	0.0825	0.0798	0.0717	0.0741	0.0755	Ave		0.0767				5.7		20.0			0.9900
PCB-1016 Peak 4	0.0363	0.0347	0.0313	0.0325	0.0329	Ave		0.0335				5.9		20.0			0.9900
PCB-1016 Peak 5	0.0394	0.0344	0.0309	0.0323	0.0325	Ave		0.0339				9.8		20.0			0.9900
PCB-1260 Peak 1	0.0527	0.0487	0.0441	0.0461	0.0464	Ave		0.0476				6.9		20.0			0.9900
PCB-1260 Peak 2	0.0510	0.0465	0.0419	0.0444	0.0449	Ave		0.0458				7.4		20.0			0.9900
PCB-1260 Peak 3	0.1055	0.1007	0.0914	0.0968	0.0977	Ave		0.0984				5.3		20.0			0.9900
PCB-1260 Peak 4	0.0595	0.0564	0.0520	0.0551	0.0557	Ave		0.0557				4.8		20.0			0.9900
PCB-1260 Peak 5	0.0278	0.0269	0.0246	0.0259	0.0263	Ave		0.0263				4.5		20.0			0.9900
Tetrachloro-m-xylene	0.9675	0.9340	0.9264	0.8862	0.9585	Ave		0.9345				3.4		20.0			0.9900
DCB Decachlorobiphenyl	1.0101	0.9192	0.9251	0.8982	0.9366	Ave		0.9379				4.6		20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 11:15 Calibration End Date: 08/02/2015 12:13 Calibration ID: 51530

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/2	T1305294.D
Level 2	IC 460-314126/3	T1305295.D
Level 3	IC 460-314126/4	T1305296.D
Level 4	IC 460-314126/5	T1305297.D
Level 5	IC 460-314126/6	T1305298.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Ave	1816149	15882988	28380345	43150666	69585451	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	3394816	30790683	54676485	83517686	134896108	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	6918606	65496519	116783920	179787182	291512605	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	3041234	28500792	50908929	78832198	127042479	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	3306953	28255718	50342088	78483709	125659668	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	4420820	39935675	71821557	111838155	179338119	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	4279021	38118258	68285904	107870468	173451849	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	8842055	82637182	148759245	235054347	377124065	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	4988883	46252520	84614421	133825782	215136224	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	2326948	22090285	40073576	62963400	101609851	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	20280770	76613295	150845152	215115952	296068437	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	21174637	75399889	150628924	218022764	289312996	12.5	50.0	100	150	200

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305294.D
Lims ID: IC PCB 1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 02-Aug-2015 11:15:43 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: CCVRT
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Aug-2015 14:37:47 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK027

First Level Reviewer: patelji Date: 02-Aug-2015 12:06:39

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.557	1.556	0.001	27235576	20.0	20.0	
2	1.372	1.372	0.000	33539268	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.456	2.454	0.002	15211371	12.5	12.6	
2	2.010	2.009	0.001	20280770	12.5	12.9	
						RPD = 2.81	
5 PCB-1016							M
1	3.029	3.026	0.003	1335406	50.0	55.4	
1	3.497	3.495	0.002	2473032	50.0	53.8	
1	4.016	4.014	0.002	5397157	50.0	57.0	M
1	4.711	4.709	0.002	1899472	50.0	59.7	
1	4.849	4.848	0.001	1836791	50.0	52.2	
		Average of Peak Amounts =				55.6	
2	2.373	2.371	0.002	1816149	50.0	57.5	
2	2.731	2.730	0.001	3394816	50.0	55.9	M
2	3.209	3.209	0.000	6918606	50.0	53.8	M
2	3.349	3.348	0.001	3041234	50.0	54.1	M
2	3.786	3.785	0.001	3306953	50.0	58.1	M
		Average of Peak Amounts =				55.9	
						RPD = 0.44	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.246	6.245	0.001	3588458	50.0	55.3	M
1	6.560	6.557	0.003	3818763	50.0	53.6	M
1	7.782	7.781	0.001	2756952	50.0	52.7	
1	8.283	8.279	0.004	6195654	50.0	53.2	
1	10.005	10.000	0.005	1535892	50.0	52.7	M
		Average of Peak Amounts =				53.5	
2	5.105	5.104	0.001	4420820	50.0	55.4	
2	6.180	6.178	0.002	4279021	50.0	55.8	M
2	6.621	6.621	0.000	8842055	50.0	53.6	M
2	7.040	7.041	-0.001	4988883	50.0	53.4	
2	8.147	8.145	0.002	2326948	50.0	52.7	M
		Average of Peak Amounts =				54.2	
						RPD = 1.22	
$ 11 DCB Decachlorobiphenyl							M
1	10.580	10.573	0.007	12024925	12.5	13.3	M
2	9.100	9.097	0.003	21174637	12.5	13.5	M
						RPD = 0.90	
S 12 Polychlorinated biphenyls, Total							
1						109.1	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

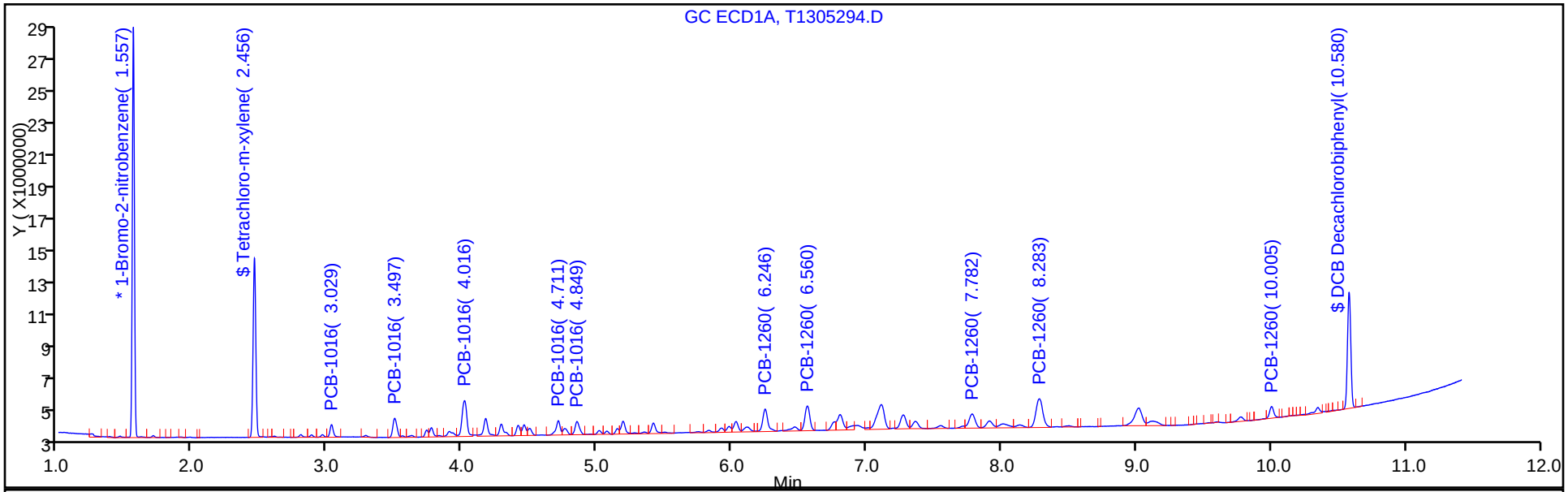
SG1660(LVI)L1_00007	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

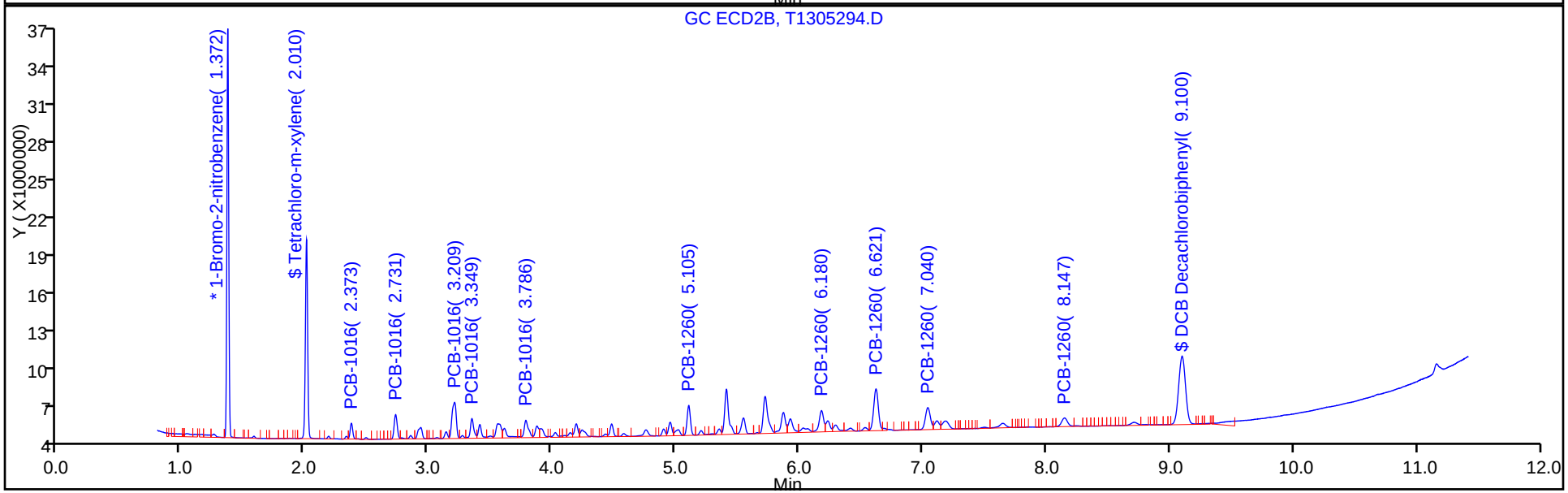
Report Date: 02-Aug-2015 14:37:51 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305294.D

Injection Date:	02-Aug-2015 11:15:43	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 1			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305295.D
Lims ID: IC PCB 2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 02-Aug-2015 11:30:16 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030311-003
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Aug-2015 14:37:54 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK027

First Level Reviewer: patelji Date: 02-Aug-2015 12:06:19

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.556	1.556	0.000	25873396	20.0	20.0	
2	1.372	1.372	0.000	32810655	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.454	2.454	0.000	57440719	50.0	50.0	
2	2.009	2.009	0.000	76613295	50.0	50.0	M
						RPD = 0.08	
5 PCB-1016							M
1	3.026	3.026	0.000	11922280	500.0	520.9	
1	3.494	3.495	-0.001	23074666	500.0	528.5	
1	4.013	4.014	-0.001	46188173	500.0	513.9	
1	4.709	4.709	0.000	15269790	500.0	505.0	
1	4.848	4.848	0.000	17464994	500.0	522.0	
		Average of Peak Amounts =				518.1	
2	2.372	2.371	0.001	15882988	500.0	513.6	
2	2.730	2.730	0.000	30790683	500.0	518.6	M
2	3.208	3.209	-0.001	65496519	500.0	520.3	M
2	3.348	3.348	0.000	28500792	500.0	518.1	M
2	3.785	3.785	0.000	28255718	500.0	507.5	M
		Average of Peak Amounts =				515.6	
						RPD = 0.47	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.243	6.245	-0.002	31950176	500.0	518.6	
1	6.558	6.557	0.001	35500214	500.0	524.6	
1	7.780	7.781	-0.001	25835803	500.0	519.9	M
1	8.279	8.279	0.000	57228673	500.0	517.6	
1	10.001	10.000	0.001	14375309	500.0	518.9	
		Average of Peak Amounts =				519.9	
2	5.103	5.104	-0.001	39935675	500.0	511.3	M
2	6.179	6.178	0.001	38118258	500.0	507.8	M
2	6.621	6.621	0.000	82637182	500.0	511.8	M
2	7.039	7.041	-0.002	46252520	500.0	505.8	
2	8.145	8.145	0.000	22090285	500.0	511.8	M
		Average of Peak Amounts =				509.7	
						RPD = 1.98	
$ 11 DCB Decachlorobiphenyl							M
1	10.570	10.573	-0.003	42787094	50.0	50.0	M
2	9.098	9.097	0.001	75399889	50.0	49.0	M
						RPD = 1.96	
S 12 Polychlorinated biphenyls, Total							
1						1038.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

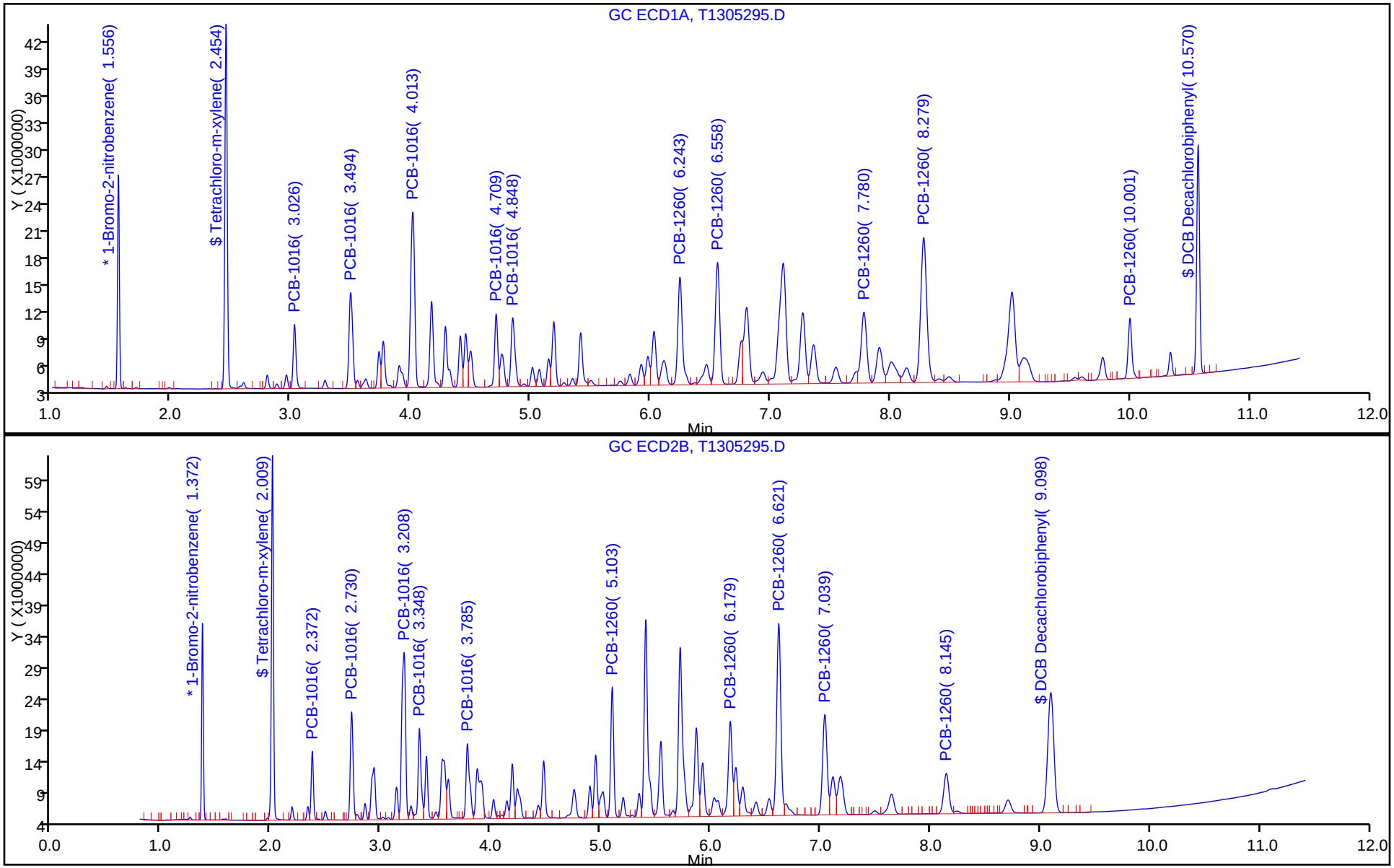
SG1660L2_00020	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 02-Aug-2015 14:37:57 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305295.D

Injection Date:	02-Aug-2015 11:30:16	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 2			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305296.D
Lims ID: IC PCB 3
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 02-Aug-2015 11:44:51 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030311-004
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Aug-2015 14:38:00 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK027

First Level Reviewer: patelji Date: 02-Aug-2015 12:06:12

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.555	1.555	0.000	26163446	20.0	20.0	
2	1.371	1.371	0.000	32566512	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.454	2.454	0.000	115700443	100.0	99.6	M
2	2.009	2.009	0.000	150845152	100.0	99.1	
						RPD = 0.50	
5 PCB-1016							M
1	3.026	3.026	0.000	21750628	1000.0	939.8	M
1	3.495	3.495	0.000	41248459	1000.0	934.3	
1	4.014	4.014	0.000	83199448	1000.0	915.4	M
1	4.709	4.709	0.000	27874482	1000.0	911.6	M
1	4.848	4.848	0.000	31929600	1000.0	943.8	M
		Average of Peak Amounts =				929.0	
2	2.371	2.371	0.000	28380345	1000.0	924.6	
2	2.730	2.730	0.000	54676485	1000.0	927.8	M
2	3.209	3.209	0.000	116783920	1000.0	934.7	M
2	3.348	3.348	0.000	50908929	1000.0	932.4	M
2	3.785	3.785	0.000	50342088	1000.0	911.0	M
		Average of Peak Amounts =				926.1	
						RPD = 0.31	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.245	6.245	0.000	57310163	1000.0	920.0	M
1	6.557	6.557	0.000	63296754	1000.0	924.9	M
1	7.781	7.781	0.000	47054078	1000.0	936.3	
1	8.279	8.279	0.000	103568364	1000.0	926.4	
1	10.000	10.000	0.000	26148855	1000.0	933.5	
		Average of Peak Amounts =				928.2	
2	5.104	5.104	0.000	71821557	1000.0	926.5	M
2	6.178	6.178	0.000	68285904	1000.0	916.4	M
2	6.621	6.621	0.000	148759245	1000.0	928.3	M
2	7.041	7.041	0.000	84614421	1000.0	932.2	
2	8.145	8.145	0.000	40073576	1000.0	935.4	
		Average of Peak Amounts =				927.8	
						RPD = 0.05	
$ 11 DCB Decachlorobiphenyl							
1	10.573	10.573	0.000	83837065	100.0	96.8	
2	9.097	9.097	0.000	150628924	100.0	98.6	
						RPD = 1.84	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

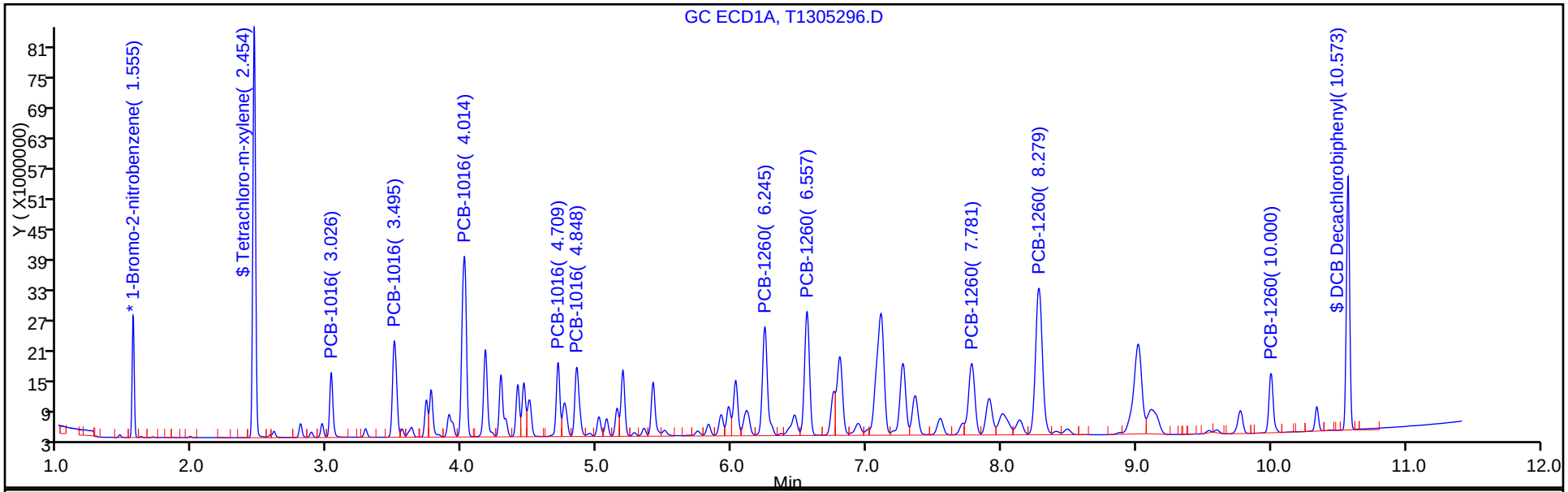
SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

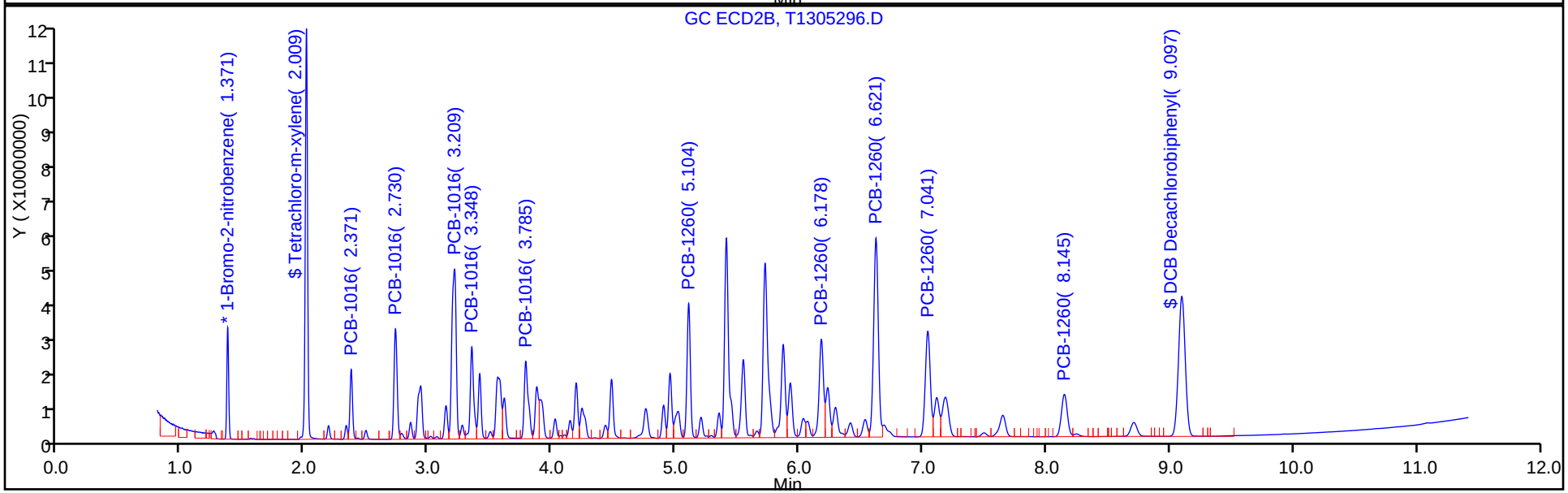
Report Date: 02-Aug-2015 14:38:03 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305296.D

Injection Date:	02-Aug-2015 11:44:51	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 3			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305297.D
Lims ID: IC PCB 4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 02-Aug-2015 11:59:21 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030311-005
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Aug-2015 14:38:05 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK027

First Level Reviewer: patelji Date: 02-Aug-2015 12:29:49

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.556	1.555	0.001	25670690	20.0	20.0	
2	1.372	1.371	0.001	32363951	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.454	2.454	0.000	166083391	150.0	145.8	
2	2.009	2.009	0.000	215115952	150.0	142.2	
						RPD = 2.43	
5 PCB-1016							M
1	3.026	3.026	0.000	32564130	1500.0	1434.1	
1	3.495	3.495	0.000	62666863	1500.0	1446.7	
1	4.014	4.014	0.000	127349298	1500.0	1428.0	
1	4.710	4.709	0.001	42236282	1500.0	1407.9	
1	4.849	4.848	0.001	48731258	1500.0	1468.1	
		Average of Peak Amounts =				1437.0	
2	2.372	2.371	0.001	43150666	1500.0	1414.6	M
2	2.730	2.730	0.000	83517686	1500.0	1426.1	M
2	3.209	3.209	0.000	179787182	1500.0	1448.0	M
2	3.348	3.348	0.000	78832198	1500.0	1452.8	M
2	3.785	3.785	0.000	78483709	1500.0	1429.2	M
		Average of Peak Amounts =				1434.1	
						RPD = 0.20	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.244	6.245	-0.001	88196317	1500.0	1442.9	
1	6.557	6.557	0.000	97834432	1500.0	1457.0	
1	7.779	7.781	-0.002	72664310	1500.0	1473.7	
1	8.279	8.279	0.000	161316696	1500.0	1470.6	
1	10.001	10.000	0.001	40595155	1500.0	1477.0	
		Average of Peak Amounts =				1464.2	
2	5.104	5.104	0.000	111838155	1500.0	1451.7	M
2	6.179	6.178	0.001	107870468	1500.0	1456.7	M
2	6.621	6.621	0.000	235054347	1500.0	1476.0	M
2	7.040	7.041	-0.001	133825782	1500.0	1483.7	
2	8.146	8.145	0.001	62963400	1500.0	1478.9	
		Average of Peak Amounts =				1469.4	
						RPD = 0.35	
$ 11 DCB Decachlorobiphenyl							M
1	10.574	10.573	0.001	121789396	150.0	143.4	M
2	9.097	9.097	0.000	218022764	150.0	143.7	
						RPD = 0.19	
S 12 Polychlorinated biphenyls, Total							
1						2901.2	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

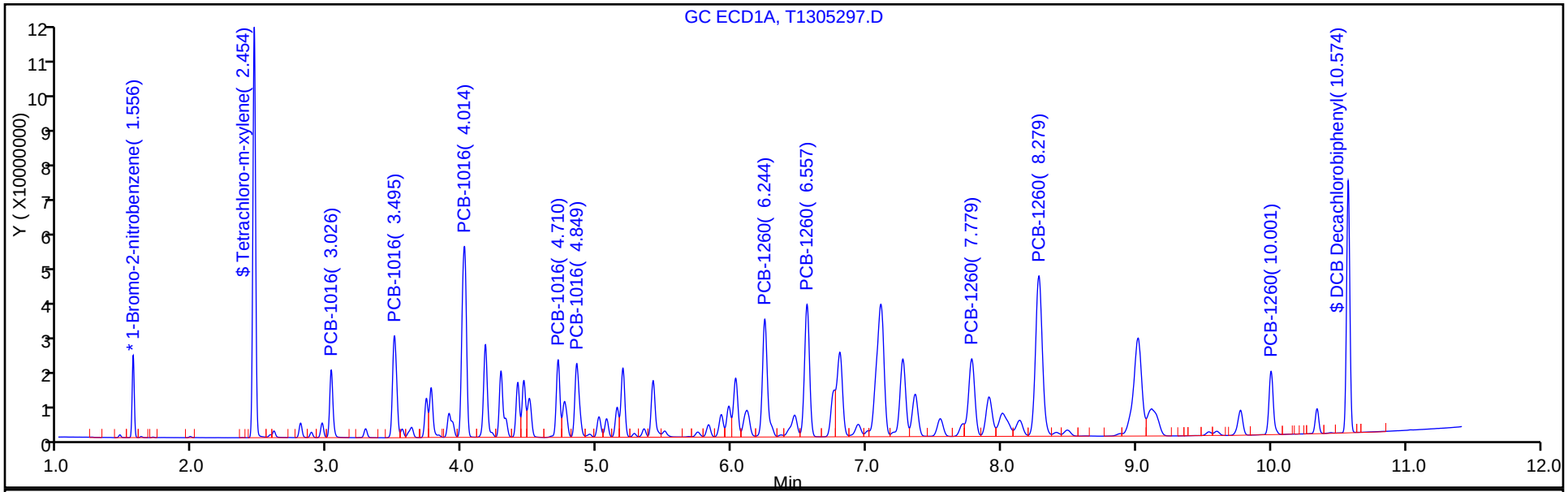
SG1660L4_00019	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

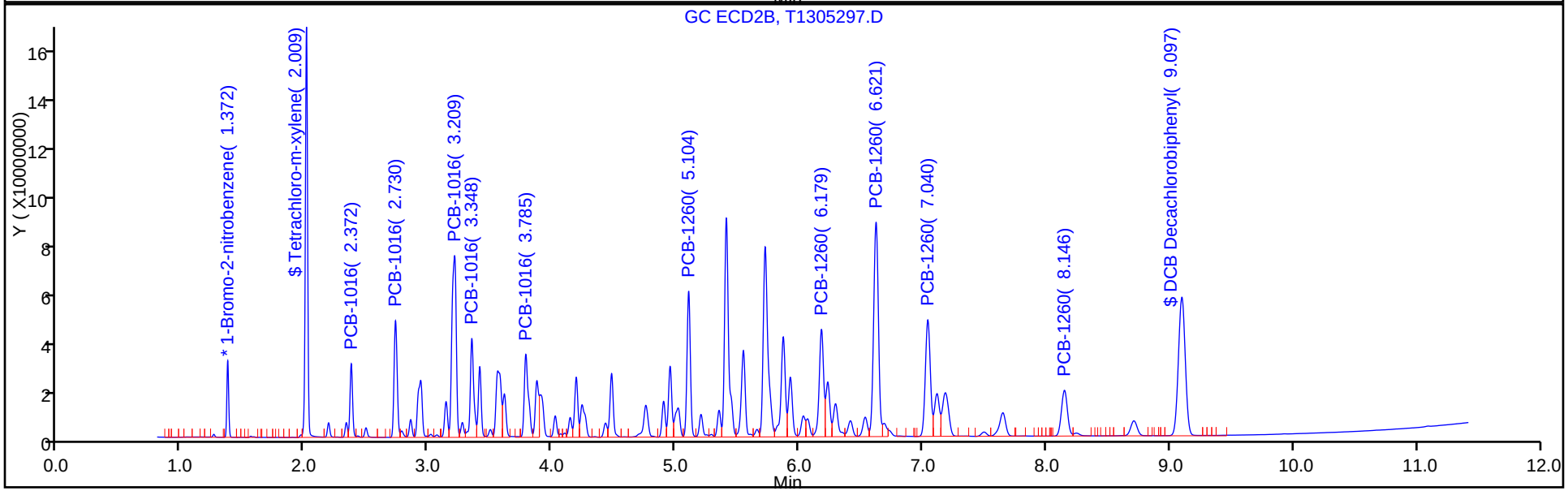
Report Date: 02-Aug-2015 14:38:10 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305297.D

Injection Date:	02-Aug-2015 11:59:21	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 4			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305298.D
Lims ID: IC PCB 5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 02-Aug-2015 12:13:52 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030311-006
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Aug-2015 14:38:12 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK027

First Level Reviewer: patelji Date: 02-Aug-2015 12:29:20

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.556	1.555	0.001	24462659	20.0	20.0	
2	1.372	1.371	0.001	30888084	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.454	2.454	0.000	222660078	200.0	205.1	
2	2.009	2.009	0.000	296068437	200.0	205.1	M
						RPD = 0.04	
5 PCB-1016							M
1	3.026	3.026	0.000	51591350	2500.0	2384.2	
1	3.494	3.495	-0.001	99887391	2500.0	2419.8	
1	4.013	4.014	-0.001	204793319	2500.0	2409.9	M
1	4.710	4.709	0.001	67627418	2500.0	2365.6	
1	4.849	4.848	0.001	78299345	2500.0	2475.4	
		Average of Peak Amounts =				2411.0	
2	2.372	2.371	0.001	69585451	2500.0	2390.2	M
2	2.730	2.730	0.000	134896108	2500.0	2413.5	M
2	3.209	3.209	0.000	291512605	2500.0	2460.0	M
2	3.348	3.348	0.000	127042479	2500.0	2453.1	M
2	3.785	3.785	0.000	125659668	2500.0	2397.5	M
		Average of Peak Amounts =				2422.9	
						RPD = 0.49	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.243	6.245	-0.002	141857195	2500.0	2435.4	
1	6.555	6.557	-0.002	157163041	2500.0	2456.2	
1	7.778	7.781	-0.003	116010419	2500.0	2468.9	
1	8.276	8.279	-0.003	259561875	2500.0	2483.1	
1	9.999	10.000	-0.001	64870120	2500.0	2476.7	
		Average of Peak Amounts =				2464.1	
2	5.104	5.104	0.000	179338119	2500.0	2439.1	M
2	6.179	6.178	0.001	173451849	2500.0	2454.3	M
2	6.619	6.621	-0.002	377124065	2500.0	2481.2	M
2	7.040	7.041	-0.001	215136224	2500.0	2499.1	
2	8.144	8.145	-0.001	101609851	2500.0	2500.7	
		Average of Peak Amounts =				2474.9	
						RPD = 0.44	
$ 11 DCB Decachlorobiphenyl							M
1	10.570	10.573	-0.003	163296590	200.0	201.7	
2	9.096	9.097	-0.001	289312996	200.0	199.7	M
						RPD = 0.99	
S 12 Polychlorinated biphenyls, Total							
1						4875.1	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

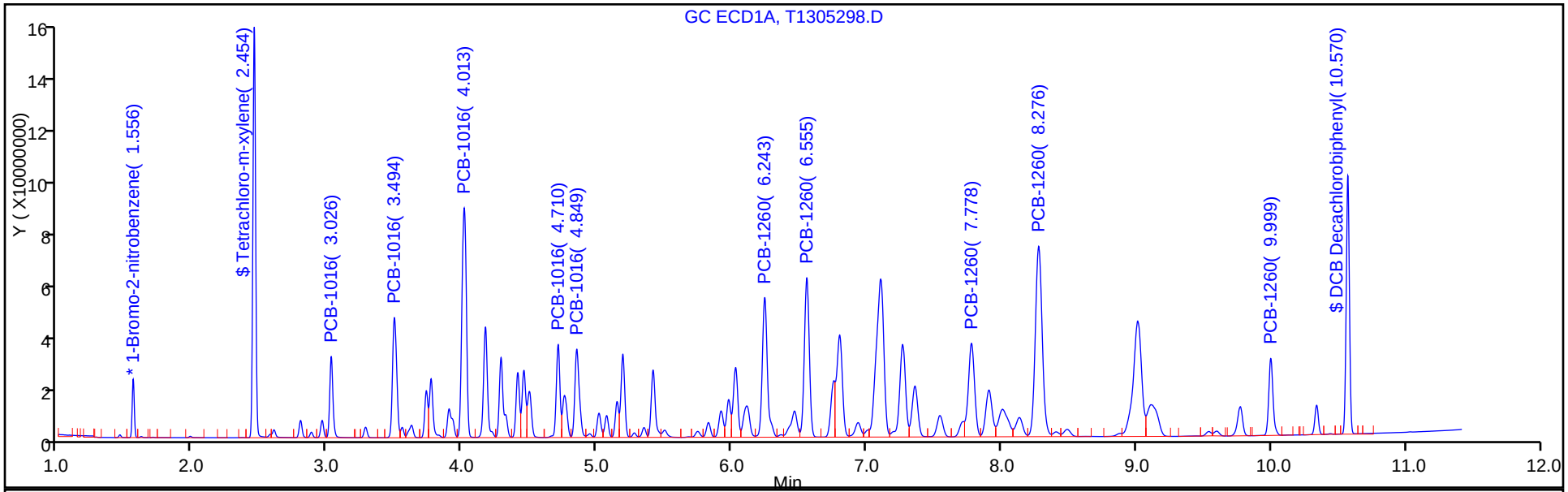
SG1660L5_00019	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

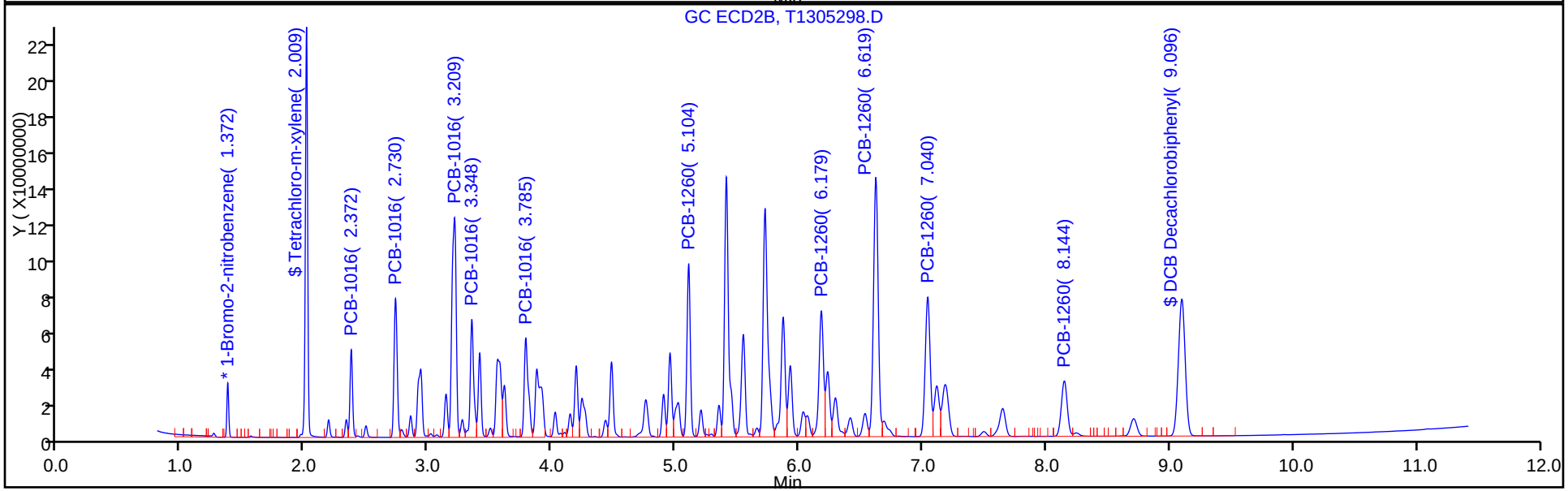
Report Date: 02-Aug-2015 14:38:16 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305298.D

Injection Date:	02-Aug-2015 12:13:52	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 5			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 12:47 Calibration End Date: 08/02/2015 12:47 Calibration ID: 51535

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/8	T1305300.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1221 Peak 1	0.0064					Ave		0.0064						20.0			0.9900
PCB-1221 Peak 2	0.0085					Ave		0.0085						20.0			0.9900
PCB-1221 Peak 3	0.0055					Ave		0.0055						20.0			0.9900
PCB-1221 Peak 4	0.0204					Ave		0.0204						20.0			0.9900
PCB-1221 Peak 5	0.0028					Ave		0.0028						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 12:47 Calibration End Date: 08/02/2015 12:47 Calibration ID: 51535

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/8	T1305300.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1221 Peak 1	BNB	Ave	8688962					1000				
PCB-1221 Peak 2	BNB	Ave	11627354					1000				
PCB-1221 Peak 3	BNB	Ave	7513256					1000				
PCB-1221 Peak 4	BNB	Ave	27863845					1000				
PCB-1221 Peak 5	BNB	Ave	3854335					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305300.D
Lims ID: IC 1221
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Aug-2015 12:47:03 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030311-008
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub3

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Aug-2015 14:38:25 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK027

First Level Reviewer: patelji Date: 02-Aug-2015 13:26:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.557	1.557	0.000	27345044	20.0	20.0	
2	1.367	1.367	0.000	33475215	20.0	20.0	
						RPD = 0.00	
1 PCB-1221							
1	1.982	1.982	0.000	8688962	1000.0	1000.0	a
1	2.801	2.801	0.000	11627354	1000.0	1000.0	a
1	2.962	2.962	0.000	7513256	1000.0	1000.0	
1	3.030	3.030	0.000	27863845	1000.0	1000.0	a
1	3.556	3.556	0.000	3854335	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	1.552	1.552	0.000	11214700	1000.0	1000.0	a
2	2.181	2.181	0.000	15427166	1000.0	1000.0	a
2	2.324	2.324	0.000	9665526	1000.0	1000.0	a
2	2.363	2.363	0.000	38423133	1000.0	1000.0	a
2	2.847	2.847	0.000	5252846	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

Reagents:

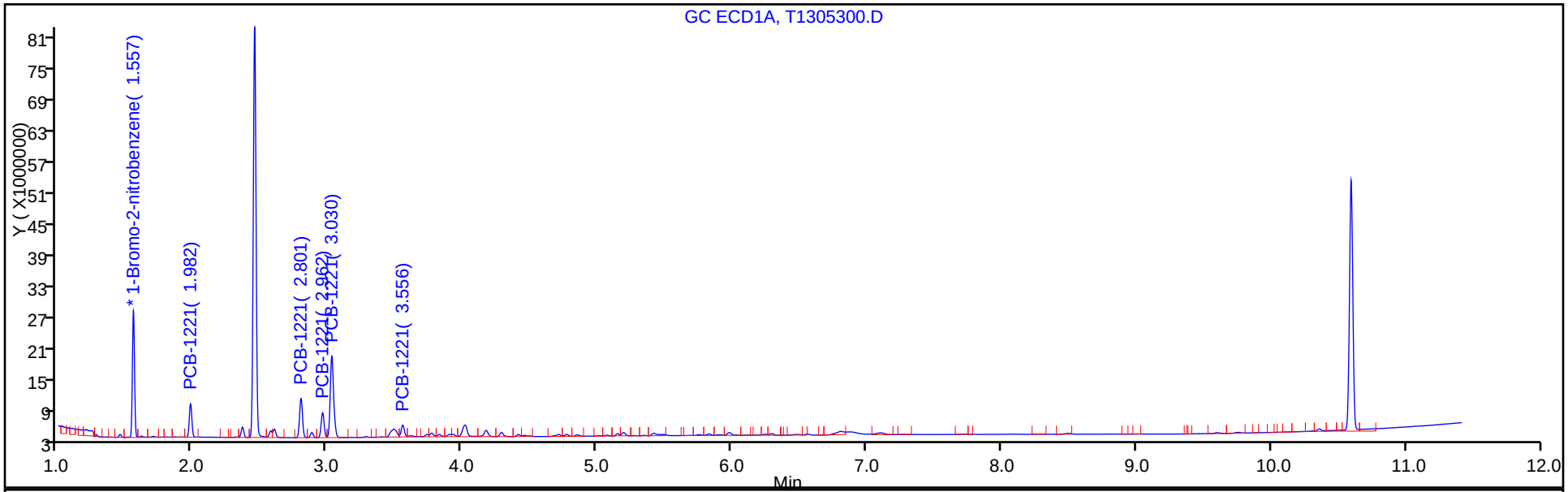
SG1221L3_00023	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

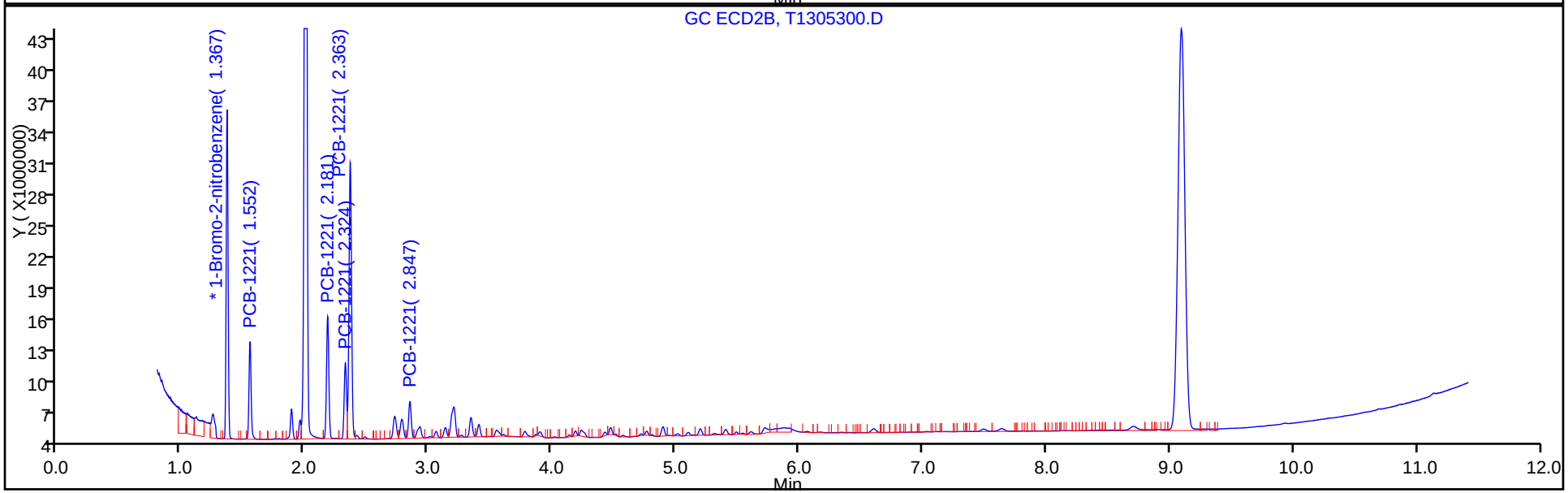
Report Date: 02-Aug-2015 14:38:27 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305300.D

Injection Date:	02-Aug-2015 12:47:03	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1221			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 12:47 Calibration End Date: 08/02/2015 12:47 Calibration ID: 51536

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/8	T1305300.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1221 Peak 1	0.0067					Ave		0.0067						20.0			0.9900
PCB-1221 Peak 2	0.0092					Ave		0.0092						20.0			0.9900
PCB-1221 Peak 3	0.0058					Ave		0.0058						20.0			0.9900
PCB-1221 Peak 4	0.0230					Ave		0.0230						20.0			0.9900
PCB-1221 Peak 5	0.0031					Ave		0.0031						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 12:47 Calibration End Date: 08/02/2015 12:47 Calibration ID: 51536

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/8	T1305300.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1221 Peak 1	BNB	Ave	11214700					1000				
PCB-1221 Peak 2	BNB	Ave	15427166					1000				
PCB-1221 Peak 3	BNB	Ave	9665526					1000				
PCB-1221 Peak 4	BNB	Ave	38423133					1000				
PCB-1221 Peak 5	BNB	Ave	5252846					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305300.D
Lims ID: IC 1221
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Aug-2015 12:47:03 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030311-008
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub3

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Aug-2015 14:38:25 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK027

First Level Reviewer: patelji Date: 02-Aug-2015 13:26:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.557	1.557	0.000	27345044	20.0	20.0	
2	1.367	1.367	0.000	33475215	20.0	20.0	
						RPD = 0.00	
1 PCB-1221							
1	1.982	1.982	0.000	8688962	1000.0	1000.0	a
1	2.801	2.801	0.000	11627354	1000.0	1000.0	a
1	2.962	2.962	0.000	7513256	1000.0	1000.0	
1	3.030	3.030	0.000	27863845	1000.0	1000.0	a
1	3.556	3.556	0.000	3854335	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	1.552	1.552	0.000	11214700	1000.0	1000.0	a
2	2.181	2.181	0.000	15427166	1000.0	1000.0	a
2	2.324	2.324	0.000	9665526	1000.0	1000.0	a
2	2.363	2.363	0.000	38423133	1000.0	1000.0	a
2	2.847	2.847	0.000	5252846	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

Reagents:

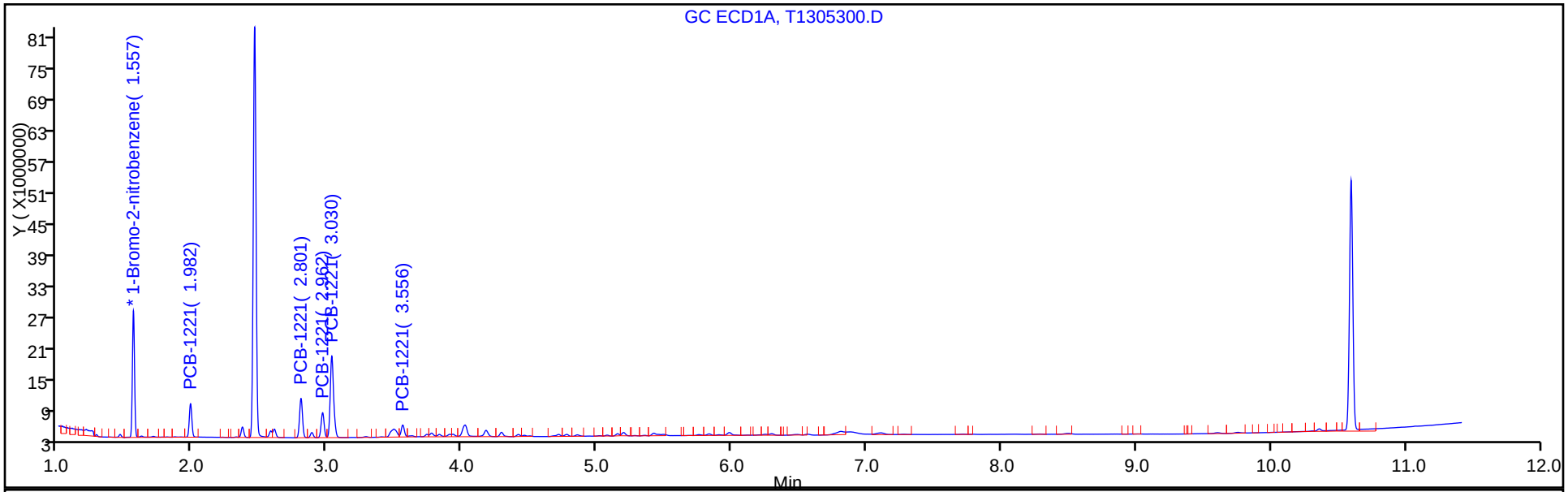
SG1221L3_00023	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

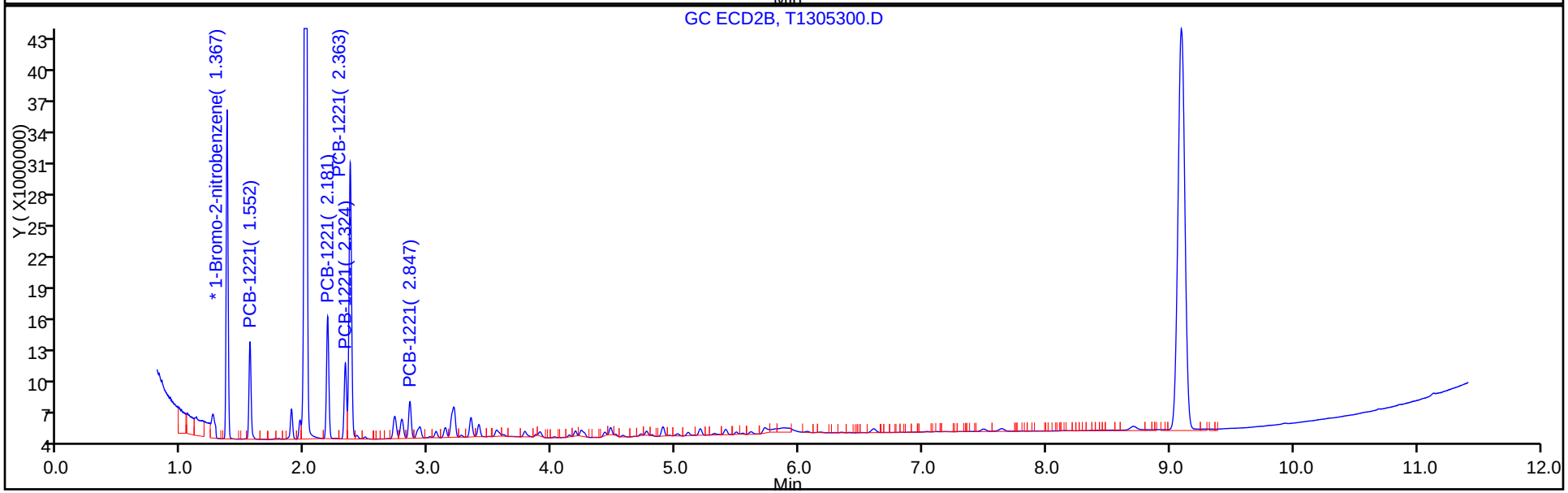
Report Date: 02-Aug-2015 14:38:27 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305300.D

Injection Date:	02-Aug-2015 12:47:03	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1221			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 13:01 Calibration End Date: 08/02/2015 13:01 Calibration ID: 51541

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/9	T1305301.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1232 Peak 1	0.0184					Ave		0.0184						20.0			0.9900
PCB-1232 Peak 2	0.0146					Ave		0.0146						20.0			0.9900
PCB-1232 Peak 3	0.0273					Ave		0.0273						20.0			0.9900
PCB-1232 Peak 4	0.0083					Ave		0.0083						20.0			0.9900
PCB-1232 Peak 5	0.0092					Ave		0.0092						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 13:01 Calibration End Date: 08/02/2015 13:01 Calibration ID: 51541

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/9	T1305301.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1232 Peak 1	BNB	Ave	24833390					1000				
PCB-1232 Peak 2	BNB	Ave	19702956					1000				
PCB-1232 Peak 3	BNB	Ave	36917415					1000				
PCB-1232 Peak 4	BNB	Ave	11196173					1000				
PCB-1232 Peak 5	BNB	Ave	12502238					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305301.D
Lims ID: IC 1232
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Aug-2015 13:01:35 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030311-009
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Aug-2015 14:38:29 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK027

First Level Reviewer: patelji Date: 02-Aug-2015 13:26:59

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.556	1.556	0.000	27052239	20.0	20.0	
2	1.371	1.371	0.000	34344139	20.0	20.0	
						RPD = 0.00	
3 PCB-1232							
1	3.026	3.026	0.000	24833390	1000.0	1000.0	a
1	3.494	3.494	0.000	19702956	1000.0	1000.0	a
1	4.014	4.014	0.000	36917415	1000.0	1000.0	a
1	4.709	4.709	0.000	11196173	1000.0	1000.0	a
1	4.847	4.847	0.000	12502238	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	2.370	2.370	0.000	33054840	1000.0	1000.0	a
2	2.728	2.728	0.000	24652953	1000.0	1000.0	a
2	3.207	3.207	0.000	52152338	1000.0	1000.0	a
2	3.347	3.347	0.000	22411578	1000.0	1000.0	a
2	3.784	3.784	0.000	20564387	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

Reagents:

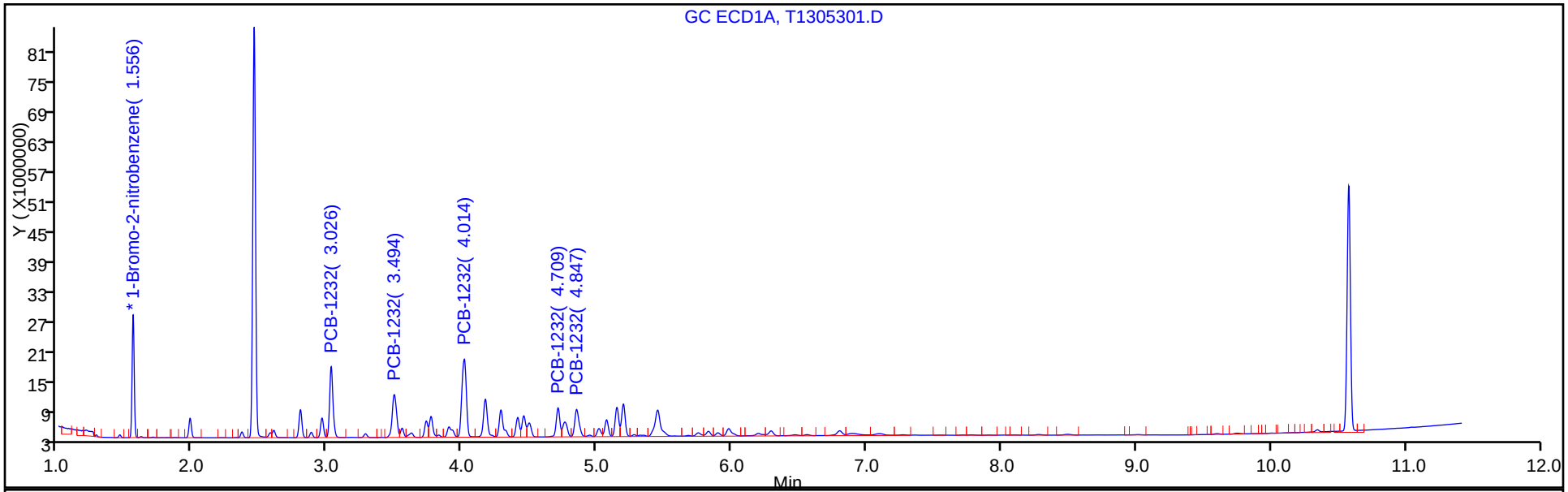
SG1232L3_00022 Amount Added: 1.00 Units: mL
SGPCBISTD_00003 Amount Added: 20.00 Units: uL Run Reagent

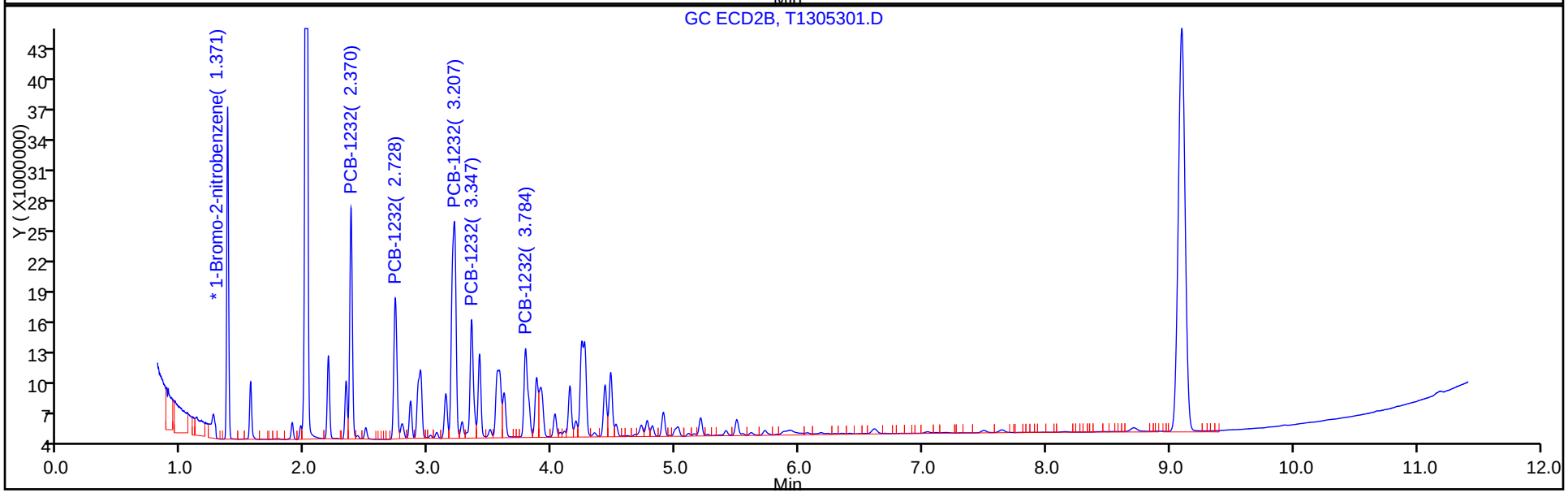
Report Date: 02-Aug-2015 14:38:32 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305301.D

Injection Date:	02-Aug-2015 13:01:35	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1232			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 13:01 Calibration End Date: 08/02/2015 13:01 Calibration ID: 51542

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/9	T1305301.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1232 Peak 1	0.0192					Ave		0.0192						20.0			0.9900
PCB-1232 Peak 2	0.0144					Ave		0.0144						20.0			0.9900
PCB-1232 Peak 3	0.0304					Ave		0.0304						20.0			0.9900
PCB-1232 Peak 4	0.0131					Ave		0.0131						20.0			0.9900
PCB-1232 Peak 5	0.0120					Ave		0.0120						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 13:01 Calibration End Date: 08/02/2015 13:01 Calibration ID: 51542

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/9	T1305301.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1232 Peak 1	BNB	Ave	33054840					1000				
PCB-1232 Peak 2	BNB	Ave	24652953					1000				
PCB-1232 Peak 3	BNB	Ave	52152338					1000				
PCB-1232 Peak 4	BNB	Ave	22411578					1000				
PCB-1232 Peak 5	BNB	Ave	20564387					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305301.D
Lims ID: IC 1232
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Aug-2015 13:01:35 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030311-009
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Aug-2015 14:38:29 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK027

First Level Reviewer: patelji Date: 02-Aug-2015 13:26:59

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.556	1.556	0.000	27052239	20.0	20.0	
2	1.371	1.371	0.000	34344139	20.0	20.0	
						RPD = 0.00	
3 PCB-1232							
1	3.026	3.026	0.000	24833390	1000.0	1000.0	a
1	3.494	3.494	0.000	19702956	1000.0	1000.0	a
1	4.014	4.014	0.000	36917415	1000.0	1000.0	a
1	4.709	4.709	0.000	11196173	1000.0	1000.0	a
1	4.847	4.847	0.000	12502238	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	2.370	2.370	0.000	33054840	1000.0	1000.0	a
2	2.728	2.728	0.000	24652953	1000.0	1000.0	a
2	3.207	3.207	0.000	52152338	1000.0	1000.0	a
2	3.347	3.347	0.000	22411578	1000.0	1000.0	a
2	3.784	3.784	0.000	20564387	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

Reagents:

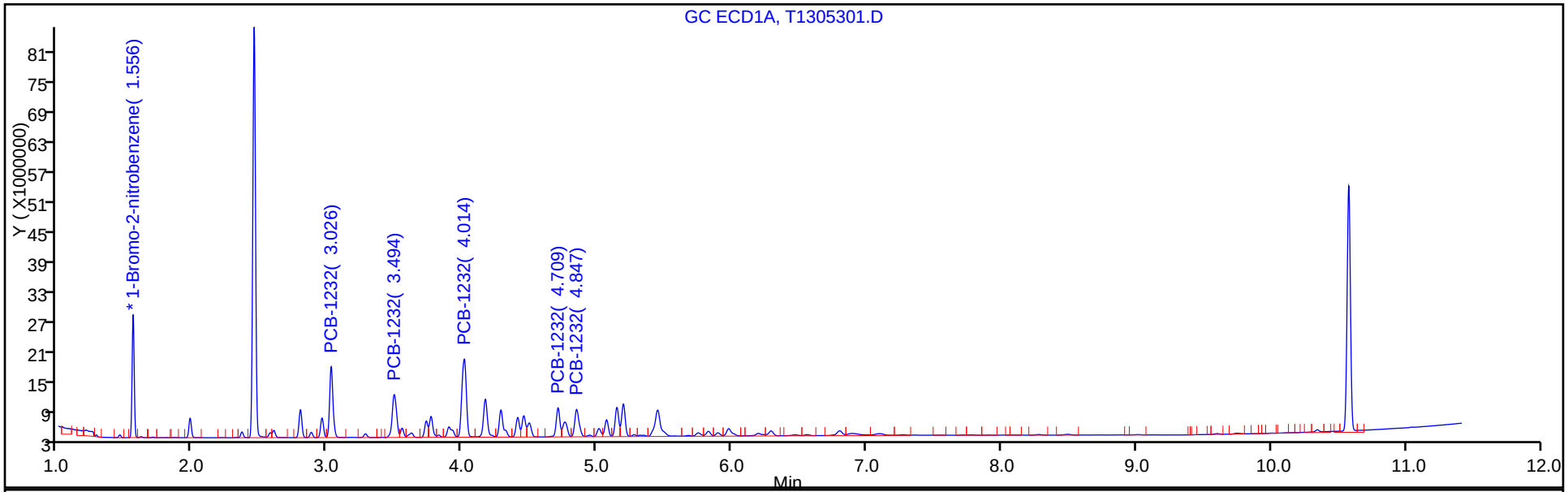
SG1232L3_00022 Amount Added: 1.00 Units: mL
SGPCBISTD_00003 Amount Added: 20.00 Units: uL Run Reagent

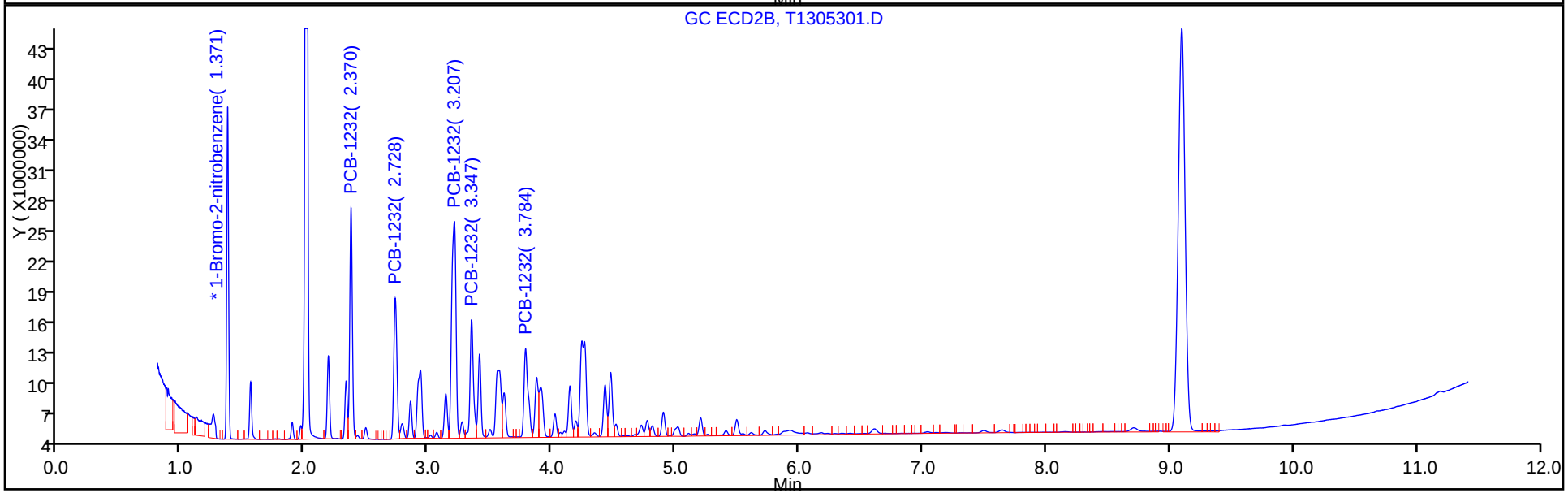
Report Date: 02-Aug-2015 14:38:33 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305301.D

Injection Date:	02-Aug-2015 13:01:35	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1232			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 13:16 Calibration End Date: 08/02/2015 13:16 Calibration ID: 51547

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/10	T1305302.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1242 Peak 1	0.0130					Ave		0.0130						20.0			0.9900
PCB-1242 Peak 2	0.0247					Ave		0.0247						20.0			0.9900
PCB-1242 Peak 3	0.0497					Ave		0.0497						20.0			0.9900
PCB-1242 Peak 4	0.0211					Ave		0.0211						20.0			0.9900
PCB-1242 Peak 5	0.0190					Ave		0.0190						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 13:16 Calibration End Date: 08/02/2015 13:16 Calibration ID: 51547

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/10	T1305302.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1242 Peak 1	BNB	Ave	17504985					1000				
PCB-1242 Peak 2	BNB	Ave	33116744					1000				
PCB-1242 Peak 3	BNB	Ave	66773668					1000				
PCB-1242 Peak 4	BNB	Ave	28285767					1000				
PCB-1242 Peak 5	BNB	Ave	25549516					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305302.D
Lims ID: IC 1242
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Aug-2015 13:16:15 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030311-010
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Aug-2015 14:38:35 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK027

First Level Reviewer: patelji Date: 02-Aug-2015 13:38:56

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.556	1.556	0.000	26865425	20.0	20.0	
2	1.371	1.371	0.000	33371392	20.0	20.0	
						RPD = 0.00	
4 PCB-1242							
1	3.026	3.026	0.000	17504985	1000.0	1000.0	a
1	3.495	3.495	0.000	33116744	1000.0	1000.0	a
1	4.014	4.014	0.000	66773668	1000.0	1000.0	a
1	4.171	4.171	0.000	28285767	1000.0	1000.0	a
1	5.195	5.195	0.000	25549516	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	2.371	2.371	0.000	23658938	1000.0	1000.0	a
2	2.729	2.729	0.000	44524048	1000.0	1000.0	a
2	3.207	3.207	0.000	95082548	1000.0	1000.0	a
2	3.346	3.346	0.000	40833895	1000.0	1000.0	a
2	3.784	3.784	0.000	40805509	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

Reagents:

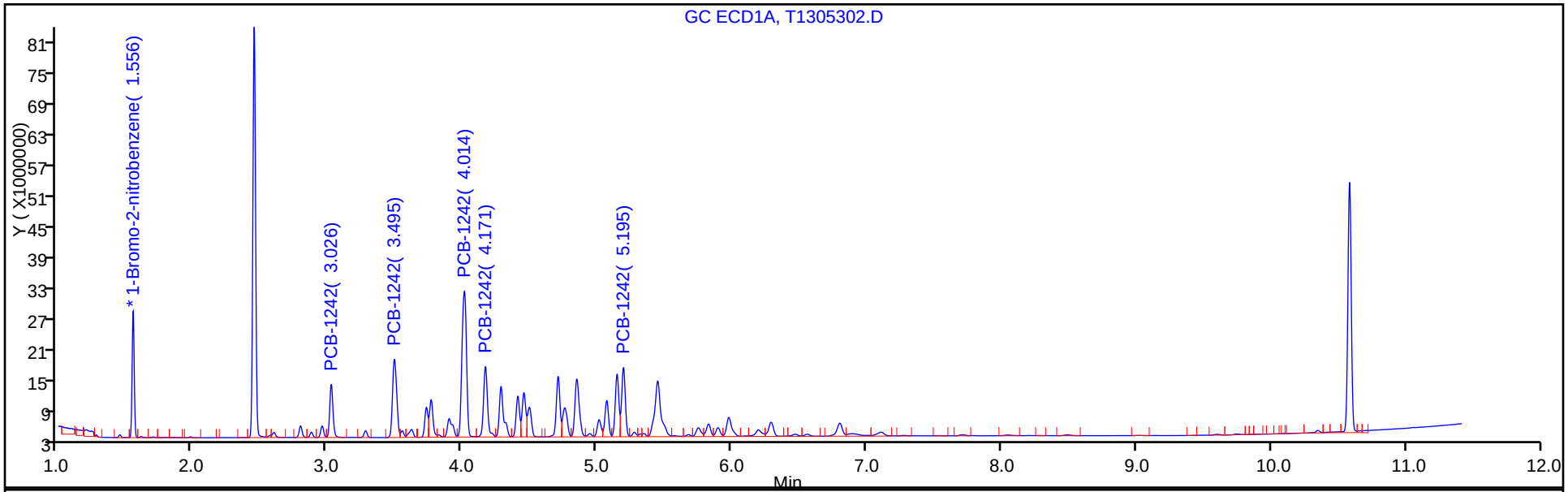
SG1242L3_00024	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

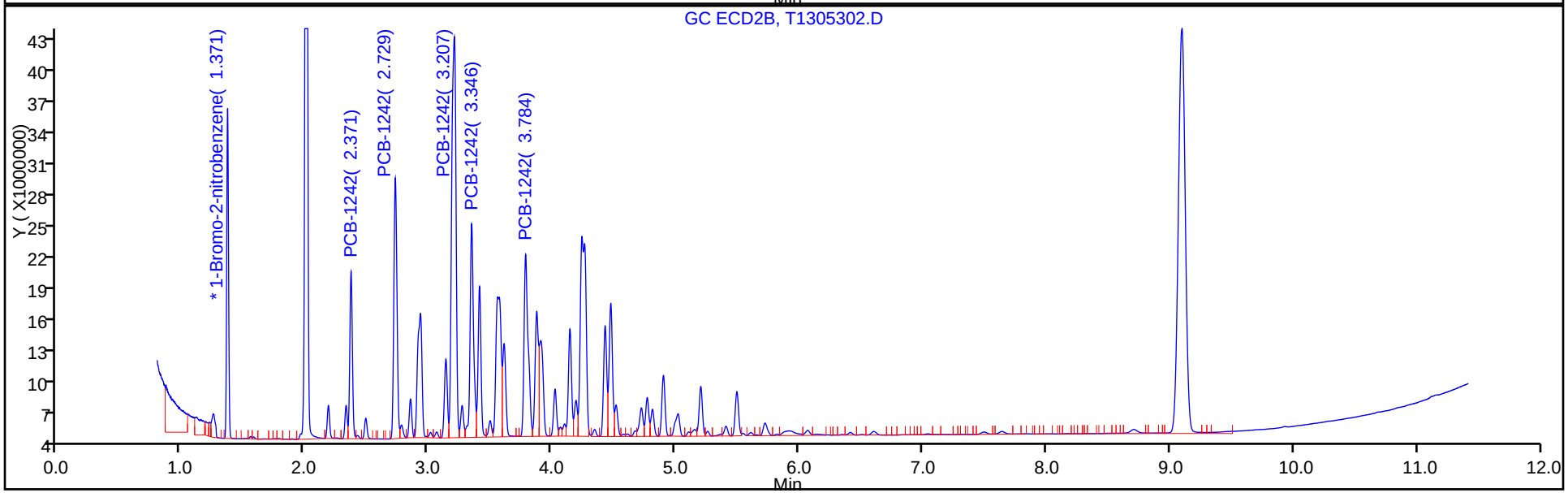
Report Date: 02-Aug-2015 14:38:37 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305302.D

Injection Date:	02-Aug-2015 13:16:15	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1242			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 13:16 Calibration End Date: 08/02/2015 13:16 Calibration ID: 51548

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/10	T1305302.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1242 Peak 1	0.0142					Ave		0.0142						20.0			0.9900
PCB-1242 Peak 2	0.0267					Ave		0.0267						20.0			0.9900
PCB-1242 Peak 3	0.0570					Ave		0.0570						20.0			0.9900
PCB-1242 Peak 4	0.0245					Ave		0.0245						20.0			0.9900
PCB-1242 Peak 5	0.0245					Ave		0.0245						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 13:16 Calibration End Date: 08/02/2015 13:16 Calibration ID: 51548

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/10	T1305302.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1242 Peak 1	BNB	Ave	23658938					1000				
PCB-1242 Peak 2	BNB	Ave	44524048					1000				
PCB-1242 Peak 3	BNB	Ave	95082548					1000				
PCB-1242 Peak 4	BNB	Ave	40833895					1000				
PCB-1242 Peak 5	BNB	Ave	40805509					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305302.D
Lims ID: IC 1242
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Aug-2015 13:16:15 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030311-010
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Aug-2015 14:38:35 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK027

First Level Reviewer: patelji Date: 02-Aug-2015 13:38:56

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.556	1.556	0.000	26865425	20.0	20.0	
2	1.371	1.371	0.000	33371392	20.0	20.0	
						RPD = 0.00	
4 PCB-1242							
1	3.026	3.026	0.000	17504985	1000.0	1000.0	a
1	3.495	3.495	0.000	33116744	1000.0	1000.0	a
1	4.014	4.014	0.000	66773668	1000.0	1000.0	a
1	4.171	4.171	0.000	28285767	1000.0	1000.0	a
1	5.195	5.195	0.000	25549516	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	2.371	2.371	0.000	23658938	1000.0	1000.0	a
2	2.729	2.729	0.000	44524048	1000.0	1000.0	a
2	3.207	3.207	0.000	95082548	1000.0	1000.0	a
2	3.346	3.346	0.000	40833895	1000.0	1000.0	a
2	3.784	3.784	0.000	40805509	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

Reagents:

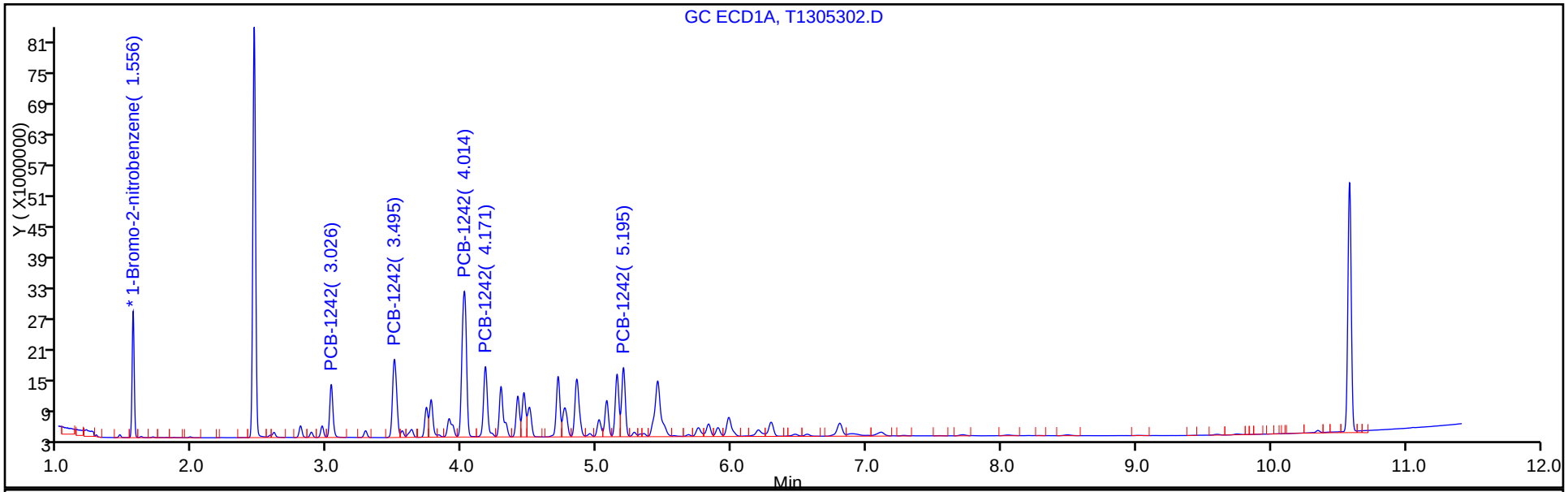
SG1242L3_00024	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

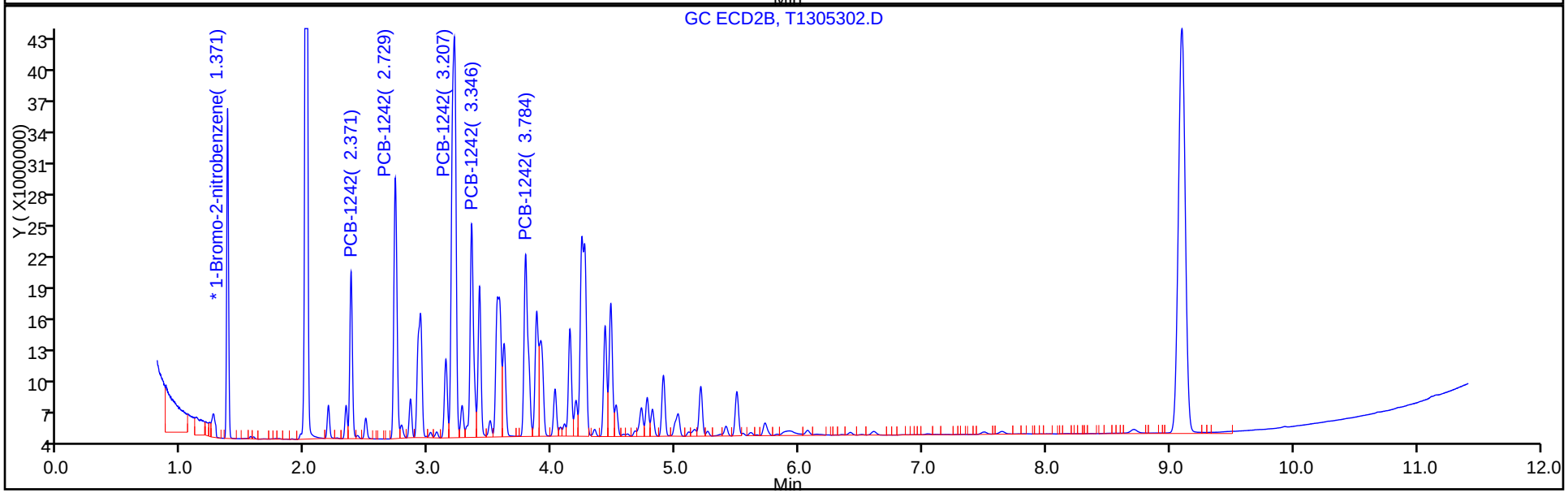
Report Date: 02-Aug-2015 14:38:38 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305302.D

Injection Date:	02-Aug-2015 13:16:15	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1242			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 13:30 Calibration End Date: 08/02/2015 13:30 Calibration ID: 51553

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/11	T1305303.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1248 Peak 1	0.0141					Ave		0.0141						20.0			0.9900
PCB-1248 Peak 2	0.0337					Ave		0.0337						20.0			0.9900
PCB-1248 Peak 3	0.0201					Ave		0.0201						20.0			0.9900
PCB-1248 Peak 4	0.0302					Ave		0.0302						20.0			0.9900
PCB-1248 Peak 5	0.0334					Ave		0.0334						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 13:30 Calibration End Date: 08/02/2015 13:30 Calibration ID: 51553

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/11	T1305303.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1248 Peak 1	BNB	Ave	18878341					1000				
PCB-1248 Peak 2	BNB	Ave	45141929					1000				
PCB-1248 Peak 3	BNB	Ave	26903181					1000				
PCB-1248 Peak 4	BNB	Ave	40516197					1000				
PCB-1248 Peak 5	BNB	Ave	44732981					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305303.D
Lims ID: IC 1248
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Aug-2015 13:30:48 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030311-011
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Aug-2015 14:38:38 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK027

First Level Reviewer: patelji Date: 02-Aug-2015 13:53:23

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.556	1.556	0.000	26795560	20.0	20.0	
2	1.372	1.372	0.000	33541889	20.0	20.0	
						RPD = 0.00	
6 PCB-1248							
1	3.493	3.493	0.000	18878341	1000.0	1000.0	a
1	4.011	4.011	0.000	45141929	1000.0	1000.0	a
1	4.410	4.410	0.000	26903181	1000.0	1000.0	a
1	5.147	5.147	0.000	40516197	1000.0	1000.0	a
1	5.195	5.195	0.000	44732981	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	2.729	2.729	0.000	25758985	1000.0	1000.0	a
2	3.203	3.203	0.000	64512844	1000.0	1000.0	a
2	3.784	3.784	0.000	64523940	1000.0	1000.0	a
2	4.240	4.240	0.000	107645699	1000.0	1000.0	a
2	4.475	4.475	0.000	47124540	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

Reagents:

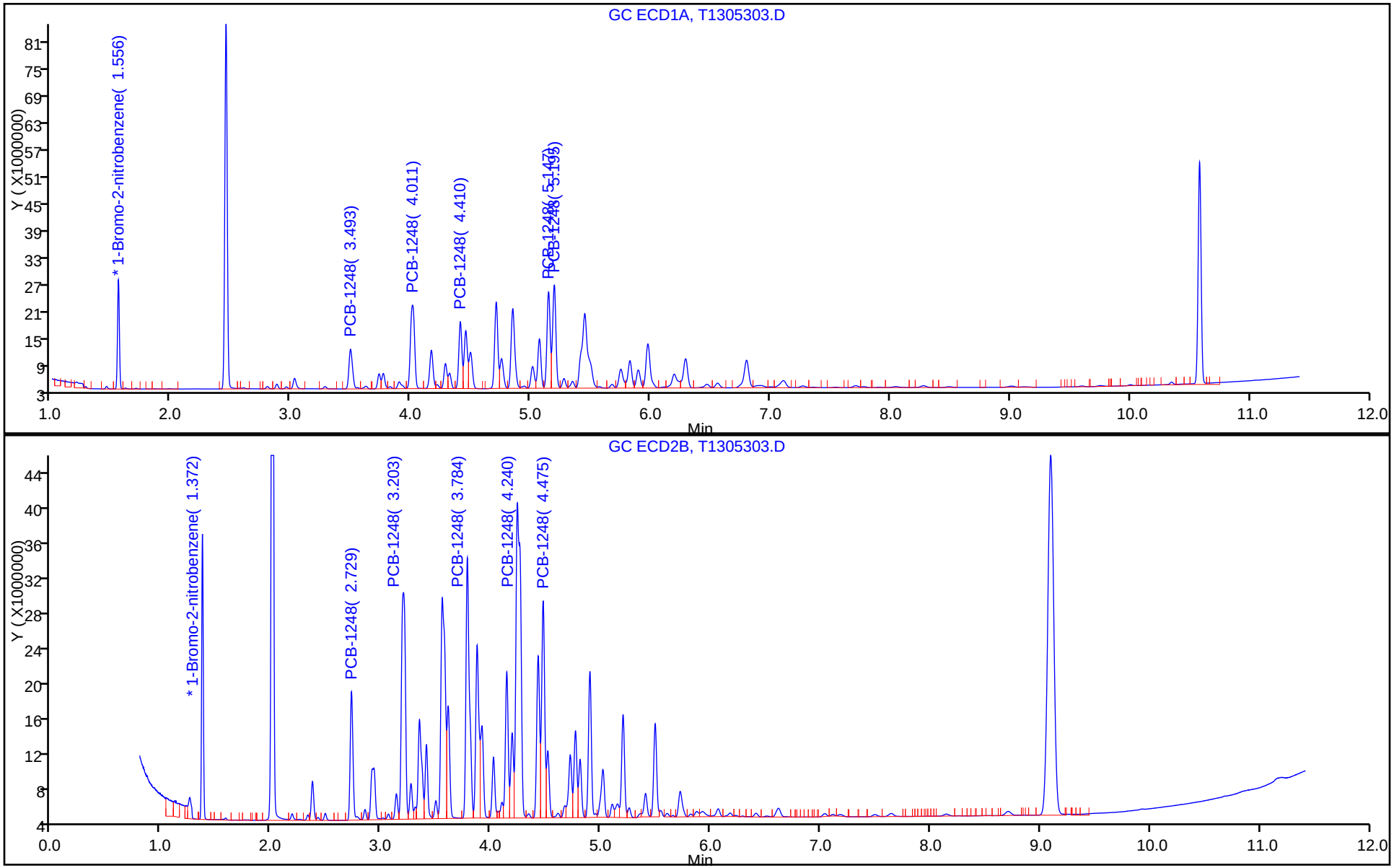
SG1248L3_00023	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 02-Aug-2015 14:38:41 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305303.D

Injection Date:	02-Aug-2015 13:30:48	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1248			Worklist Smp#:	11
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 13:30 Calibration End Date: 08/02/2015 13:30 Calibration ID: 51554

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/11	T1305303.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1248 Peak 1	0.0154					Ave		0.0154						20.0			0.9900
PCB-1248 Peak 2	0.0385					Ave		0.0385						20.0			0.9900
PCB-1248 Peak 3	0.0385					Ave		0.0385						20.0			0.9900
PCB-1248 Peak 4	0.0642					Ave		0.0642						20.0			0.9900
PCB-1248 Peak 5	0.0281					Ave		0.0281						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 13:30 Calibration End Date: 08/02/2015 13:30 Calibration ID: 51554

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/11	T1305303.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1248 Peak 1	BNB	Ave	25758985					1000				
PCB-1248 Peak 2	BNB	Ave	64512844					1000				
PCB-1248 Peak 3	BNB	Ave	64523940					1000				
PCB-1248 Peak 4	BNB	Ave	107645699					1000				
PCB-1248 Peak 5	BNB	Ave	47124540					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305303.D
Lims ID: IC 1248
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Aug-2015 13:30:48 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030311-011
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Aug-2015 14:38:38 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK027

First Level Reviewer: patelji Date: 02-Aug-2015 13:53:23

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.556	1.556	0.000	26795560	20.0	20.0	
2	1.372	1.372	0.000	33541889	20.0	20.0	
						RPD = 0.00	
6 PCB-1248							
1	3.493	3.493	0.000	18878341	1000.0	1000.0	a
1	4.011	4.011	0.000	45141929	1000.0	1000.0	a
1	4.410	4.410	0.000	26903181	1000.0	1000.0	a
1	5.147	5.147	0.000	40516197	1000.0	1000.0	a
1	5.195	5.195	0.000	44732981	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	2.729	2.729	0.000	25758985	1000.0	1000.0	a
2	3.203	3.203	0.000	64512844	1000.0	1000.0	a
2	3.784	3.784	0.000	64523940	1000.0	1000.0	a
2	4.240	4.240	0.000	107645699	1000.0	1000.0	a
2	4.475	4.475	0.000	47124540	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

Reagents:

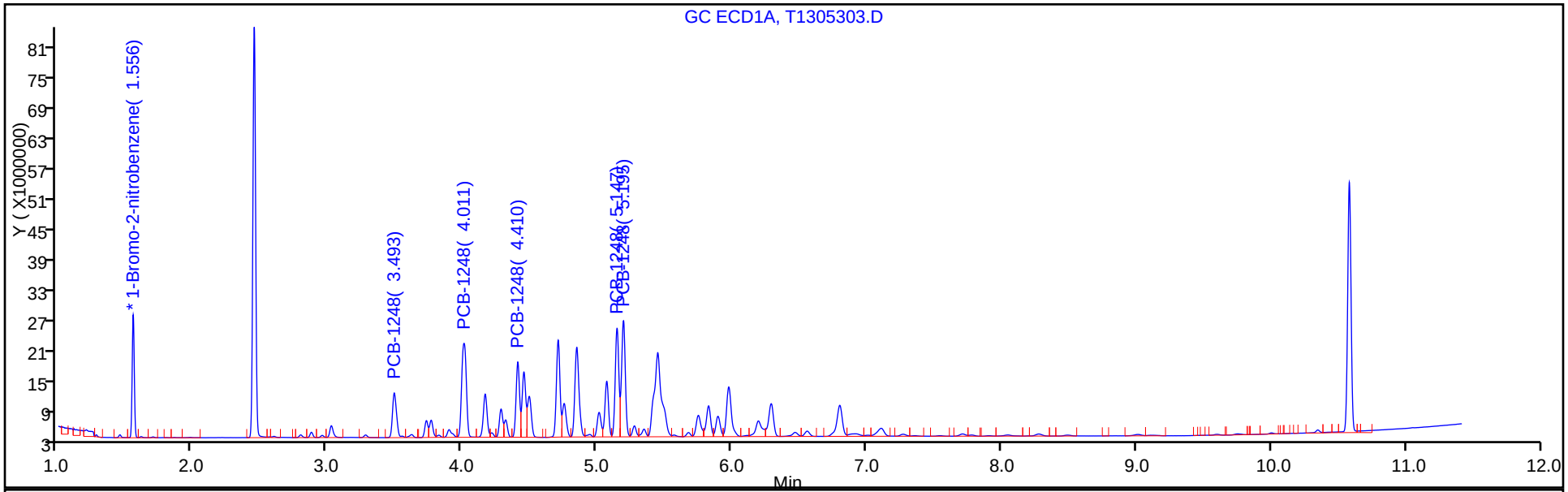
SG1248L3_00023	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

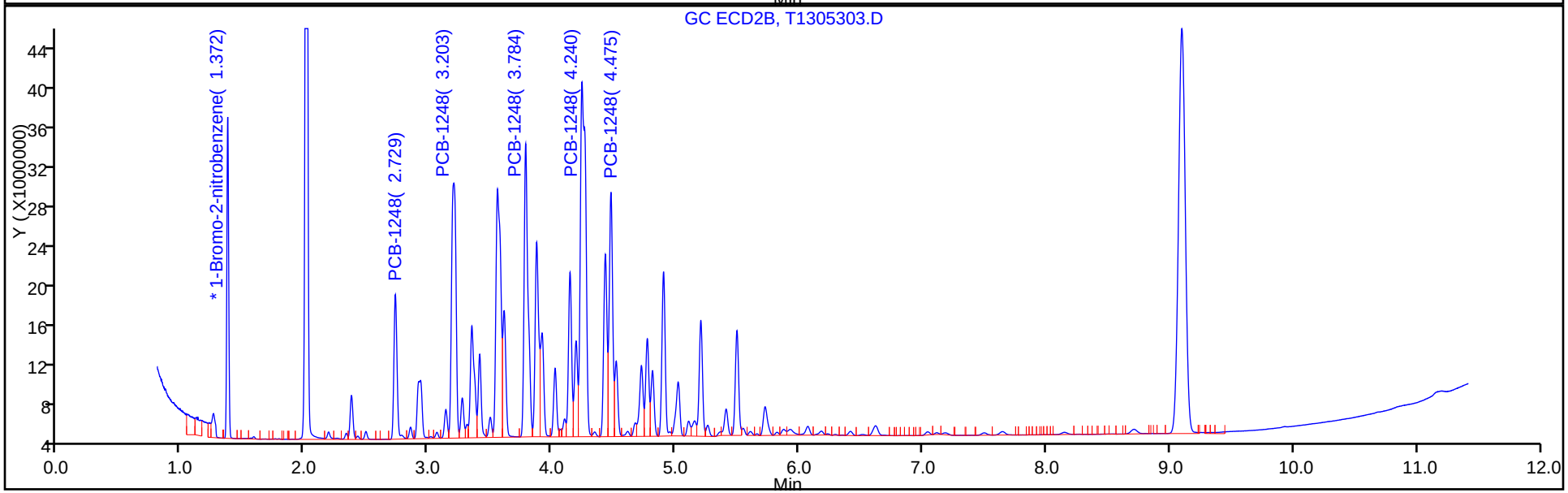
Report Date: 02-Aug-2015 14:38:41 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305303.D

Injection Date:	02-Aug-2015 13:30:48	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1248			Worklist Smp#:	11
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 13:45 Calibration End Date: 08/02/2015 13:45 Calibration ID: 51559

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/12	T1305304.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1254 Peak 1	0.0328					Ave		0.0328						20.0			0.9900
PCB-1254 Peak 2	0.0384					Ave		0.0384						20.0			0.9900
PCB-1254 Peak 3	0.0299					Ave		0.0299						20.0			0.9900
PCB-1254 Peak 4	0.0606					Ave		0.0606						20.0			0.9900
PCB-1254 Peak 5	0.0561					Ave		0.0561						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 13:45 Calibration End Date: 08/02/2015 13:45 Calibration ID: 51559

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/12	T1305304.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1254 Peak 1	BNB	Ave	43677018					1000				
PCB-1254 Peak 2	BNB	Ave	51058708					1000				
PCB-1254 Peak 3	BNB	Ave	39817244					1000				
PCB-1254 Peak 4	BNB	Ave	80624898					1000				
PCB-1254 Peak 5	BNB	Ave	74632801					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305304.D
Lims ID: IC 1254
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Aug-2015 13:45:21 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030311-012
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub7

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Aug-2015 14:38:42 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK027

First Level Reviewer: patelji Date: 02-Aug-2015 14:37:20

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.556	1.556	0.000	26614333	20.0	20.0	
2	1.372	1.372	0.000	33301115	20.0	20.0	
						RPD = 0.00	
7 PCB-1254							
1	5.190	5.190	0.000	43677018	1000.0	1000.0	a
1	5.415	5.415	0.000	51058708	1000.0	1000.0	a
1	5.826	5.826	0.000	39817244	1000.0	1000.0	a
1	5.976	5.976	0.000	80624898	1000.0	1000.0	a
1	7.109	7.109	0.000	74632801	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	4.769	4.769	0.000	58898047	1000.0	1000.0	a
2	4.901	4.901	0.000	101314612	1000.0	1000.0	a
2	5.203	5.203	0.000	78510309	1000.0	1000.0	a
2	5.408	5.408	0.000	70445200	1000.0	1000.0	a
2	5.723	5.723	0.000	106358447	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

Reagents:

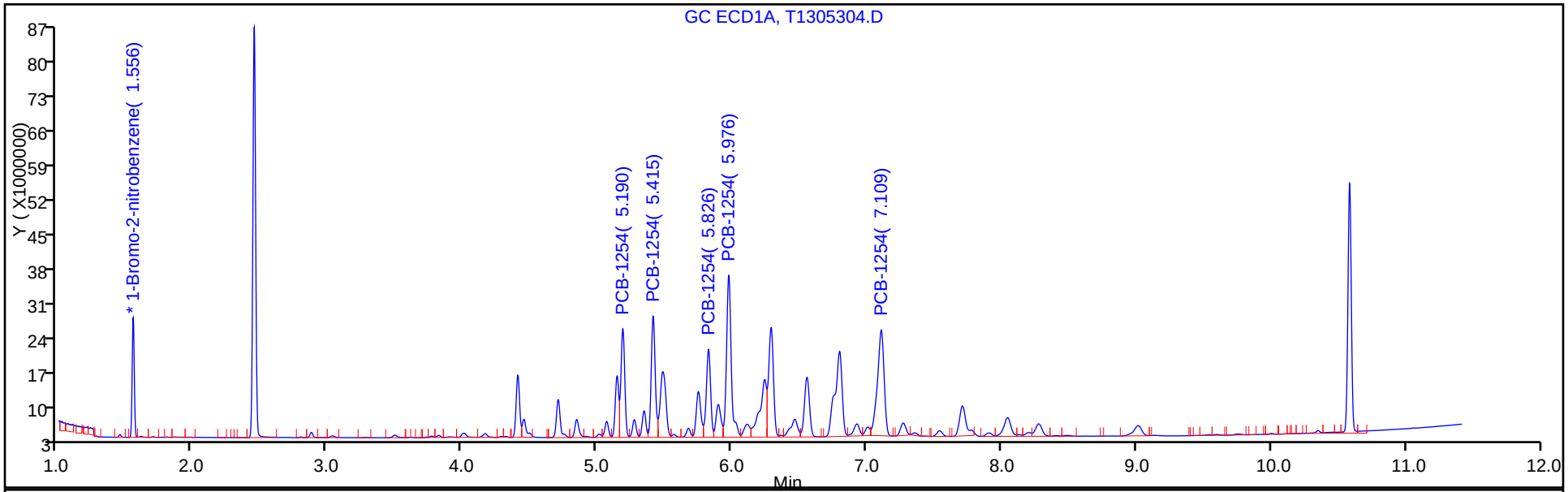
SG1254L3_00025 Amount Added: 1.00 Units: mL
SGPCBISTD_00003 Amount Added: 20.00 Units: uL Run Reagent

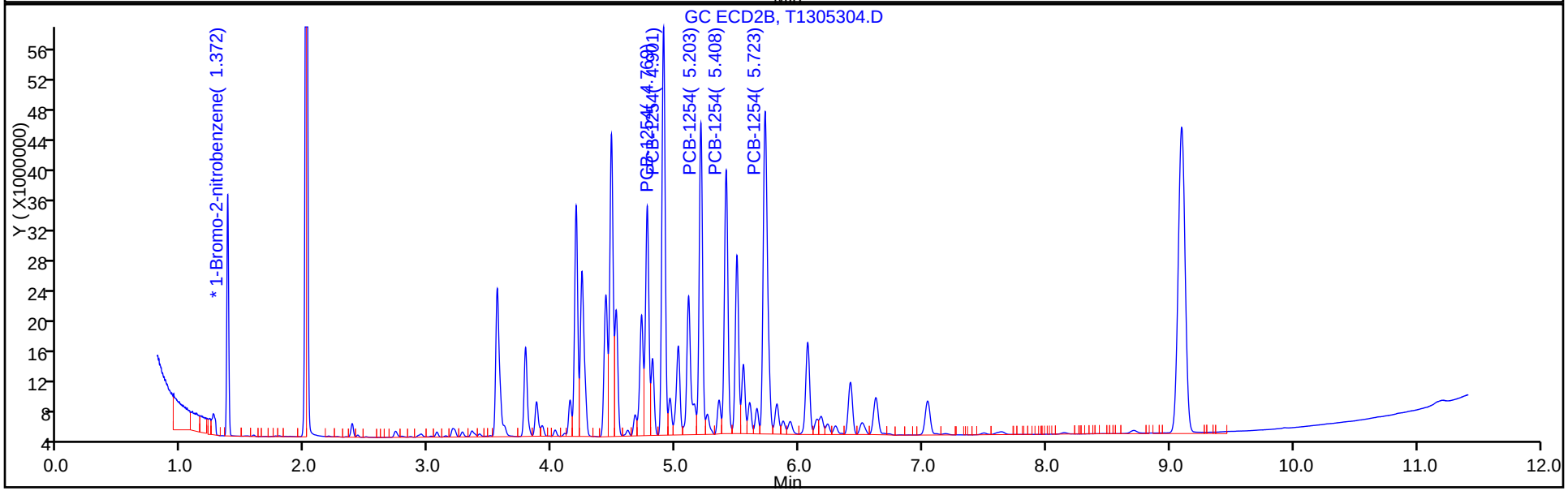
Report Date: 02-Aug-2015 14:38:44 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305304.D

Injection Date:	02-Aug-2015 13:45:21	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1254			Worklist Smp#:	12
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 13:45 Calibration End Date: 08/02/2015 13:45 Calibration ID: 51560

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/12	T1305304.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1254 Peak 1	0.0354					Ave		0.0354						20.0			0.9900
PCB-1254 Peak 2	0.0608					Ave		0.0608						20.0			0.9900
PCB-1254 Peak 3	0.0472					Ave		0.0472						20.0			0.9900
PCB-1254 Peak 4	0.0423					Ave		0.0423						20.0			0.9900
PCB-1254 Peak 5	0.0639					Ave		0.0639						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 13:45 Calibration End Date: 08/02/2015 13:45 Calibration ID: 51560

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/12	T1305304.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1254 Peak 1	BNB	Ave	58898047					1000				
PCB-1254 Peak 2	BNB	Ave	101314612					1000				
PCB-1254 Peak 3	BNB	Ave	78510309					1000				
PCB-1254 Peak 4	BNB	Ave	70445200					1000				
PCB-1254 Peak 5	BNB	Ave	106358447					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305304.D
Lims ID: IC 1254
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Aug-2015 13:45:21 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030311-012
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub7

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Aug-2015 14:38:42 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK027

First Level Reviewer: patelji Date: 02-Aug-2015 14:37:20

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.556	1.556	0.000	26614333	20.0	20.0	
2	1.372	1.372	0.000	33301115	20.0	20.0	
						RPD = 0.00	
7 PCB-1254							
1	5.190	5.190	0.000	43677018	1000.0	1000.0	a
1	5.415	5.415	0.000	51058708	1000.0	1000.0	a
1	5.826	5.826	0.000	39817244	1000.0	1000.0	a
1	5.976	5.976	0.000	80624898	1000.0	1000.0	a
1	7.109	7.109	0.000	74632801	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	4.769	4.769	0.000	58898047	1000.0	1000.0	a
2	4.901	4.901	0.000	101314612	1000.0	1000.0	a
2	5.203	5.203	0.000	78510309	1000.0	1000.0	a
2	5.408	5.408	0.000	70445200	1000.0	1000.0	a
2	5.723	5.723	0.000	106358447	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

Reagents:

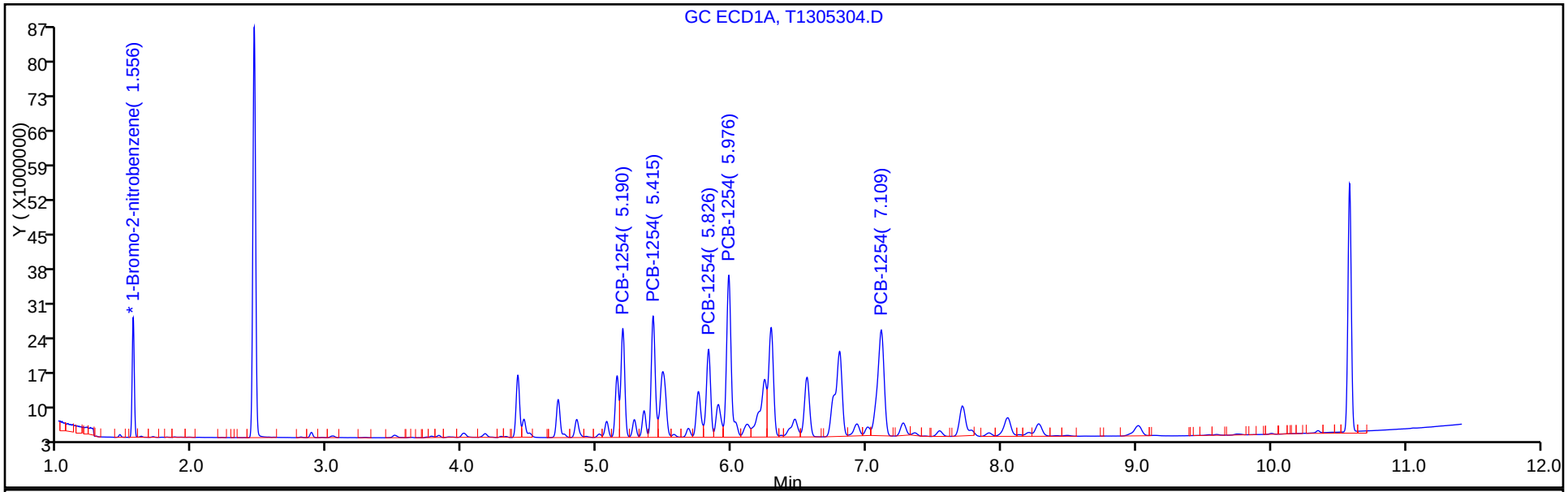
SG1254L3_00025 Amount Added: 1.00 Units: mL
SGPCBISTD_00003 Amount Added: 20.00 Units: uL Run Reagent

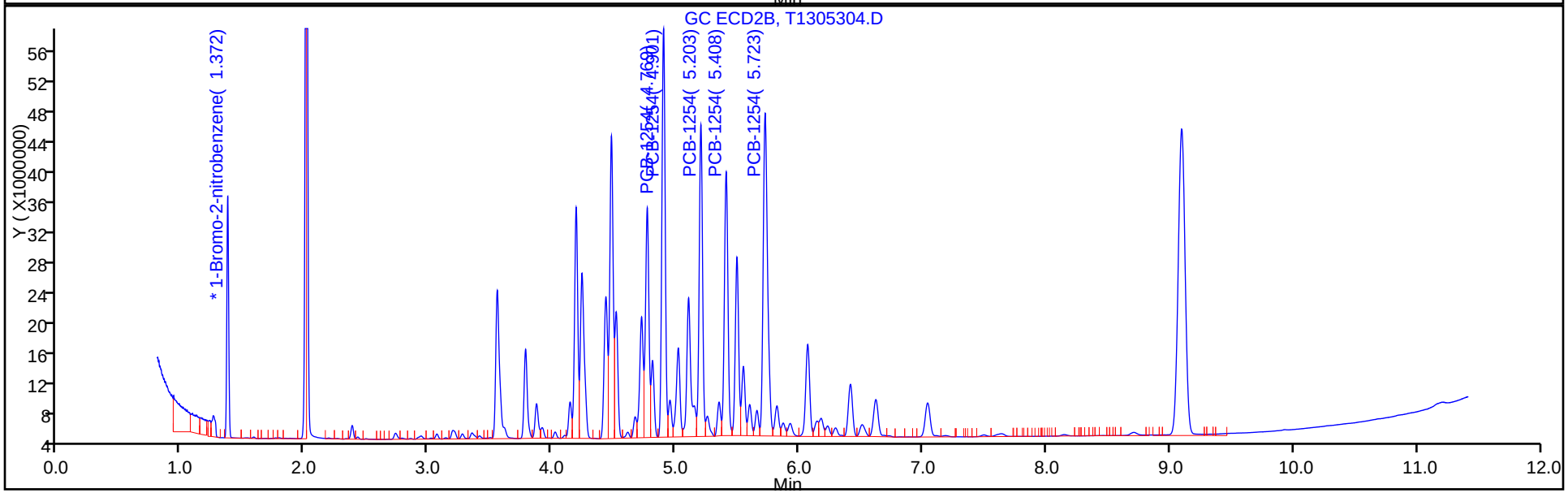
Report Date: 02-Aug-2015 14:38:45 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305304.D

Injection Date:	02-Aug-2015 13:45:21	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1254			Worklist Smp#:	12
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 13:59 Calibration End Date: 08/02/2015 13:59 Calibration ID: 51565

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/13	T1305305.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1262 Peak 1	0.0333					Ave		0.0333						20.0			0.9900
PCB-1262 Peak 2	0.0376					Ave		0.0376						20.0			0.9900
PCB-1262 Peak 3	0.0548					Ave		0.0548						20.0			0.9900
PCB-1262 Peak 4	0.0733					Ave		0.0733						20.0			0.9900
PCB-1262 Peak 5	0.0356					Ave		0.0356						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 13:59 Calibration End Date: 08/02/2015 13:59 Calibration ID: 51565

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/13	T1305305.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1262 Peak 1	BNB	Ave	44451475					1000				
PCB-1262 Peak 2	BNB	Ave	50247615					1000				
PCB-1262 Peak 3	BNB	Ave	73131931					1000				
PCB-1262 Peak 4	BNB	Ave	97874901					1000				
PCB-1262 Peak 5	BNB	Ave	47548671					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305305.D
Lims ID: IC 1262
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Aug-2015 13:59:52 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030311-013
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub8

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Aug-2015 14:38:46 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK027

First Level Reviewer: patelji Date: 02-Aug-2015 14:36:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.556	1.556	0.000	26694293	20.0	20.0	
2	1.372	1.372	0.000	33719030	20.0	20.0	
						RPD = 0.00	
9 PCB-1262							
1	6.243	6.243	0.000	44451475	1000.0	1000.0	a
1	6.556	6.556	0.000	50247615	1000.0	1000.0	a
1	7.267	7.267	0.000	73131931	1000.0	1000.0	a
1	9.010	9.010	0.000	97874901	1000.0	1000.0	a
1	10.004	10.004	0.000	47548671	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	4.952	4.952	0.000	37002326	1000.0	1000.0	a
2	5.868	5.868	0.000	106056172	1000.0	1000.0	a
2	7.038	7.038	0.000	71649139	1000.0	1000.0	a
2	7.179	7.179	0.000	86261801	1000.0	1000.0	a
2	8.144	8.144	0.000	74843072	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

Reagents:

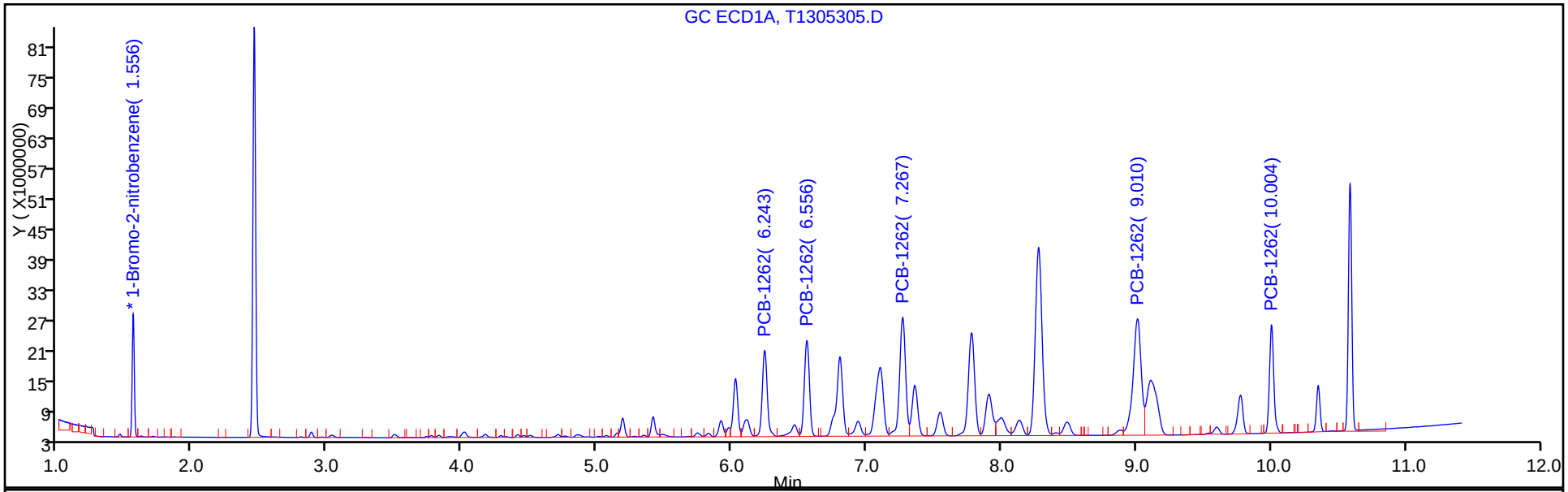
SG1262L3_00021 Amount Added: 1.00 Units: mL
SGPCBISTD_00003 Amount Added: 20.00 Units: uL Run Reagent

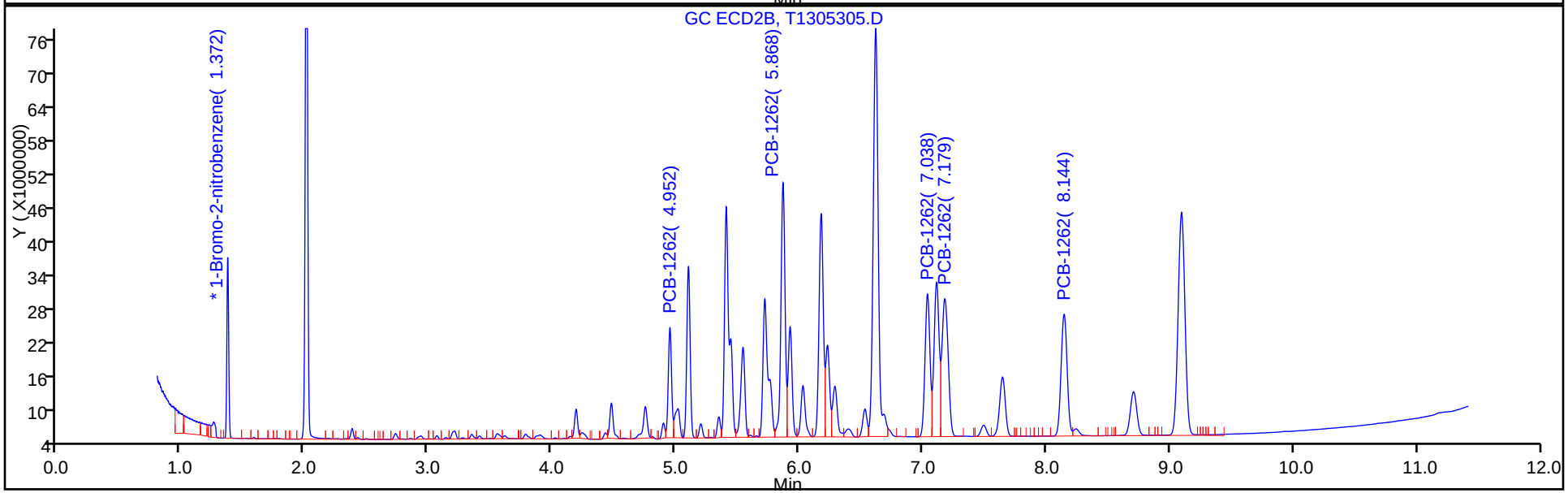
Report Date: 02-Aug-2015 14:38:48 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305305.D

Injection Date:	02-Aug-2015 13:59:52	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1262			Worklist Smp#:	13
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 13:59 Calibration End Date: 08/02/2015 13:59 Calibration ID: 51566

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/13	T1305305.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1262 Peak 1	0.0219					Ave		0.0219						20.0			0.9900
PCB-1262 Peak 2	0.0629					Ave		0.0629						20.0			0.9900
PCB-1262 Peak 3	0.0425					Ave		0.0425						20.0			0.9900
PCB-1262 Peak 4	0.0512					Ave		0.0512						20.0			0.9900
PCB-1262 Peak 5	0.0444					Ave		0.0444						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 13:59 Calibration End Date: 08/02/2015 13:59 Calibration ID: 51566

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/13	T1305305.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1262 Peak 1	BNB	Ave	37002326					1000				
PCB-1262 Peak 2	BNB	Ave	106056172					1000				
PCB-1262 Peak 3	BNB	Ave	71649139					1000				
PCB-1262 Peak 4	BNB	Ave	86261801					1000				
PCB-1262 Peak 5	BNB	Ave	74843072					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305305.D
Lims ID: IC 1262
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Aug-2015 13:59:52 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030311-013
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub8

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Aug-2015 14:38:46 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK027

First Level Reviewer: patelji Date: 02-Aug-2015 14:36:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.556	1.556	0.000	26694293	20.0	20.0	
2	1.372	1.372	0.000	33719030	20.0	20.0	
						RPD = 0.00	
9 PCB-1262							
1	6.243	6.243	0.000	44451475	1000.0	1000.0	a
1	6.556	6.556	0.000	50247615	1000.0	1000.0	a
1	7.267	7.267	0.000	73131931	1000.0	1000.0	a
1	9.010	9.010	0.000	97874901	1000.0	1000.0	a
1	10.004	10.004	0.000	47548671	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	4.952	4.952	0.000	37002326	1000.0	1000.0	a
2	5.868	5.868	0.000	106056172	1000.0	1000.0	a
2	7.038	7.038	0.000	71649139	1000.0	1000.0	a
2	7.179	7.179	0.000	86261801	1000.0	1000.0	a
2	8.144	8.144	0.000	74843072	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

Reagents:

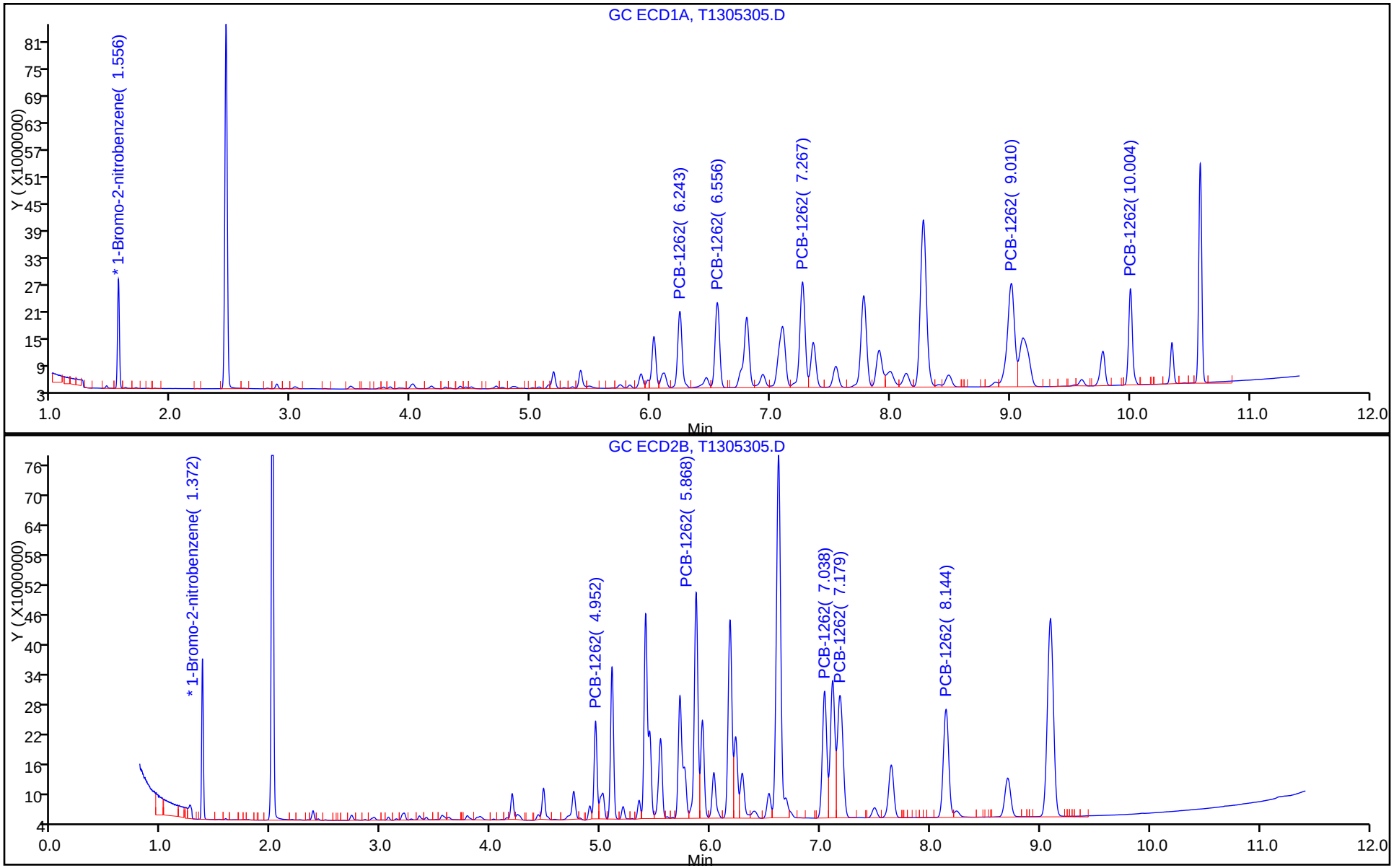
SG1262L3_00021	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 02-Aug-2015 14:38:48 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305305.D

Injection Date:	02-Aug-2015 13:59:52	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1262			Worklist Smp#:	13
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 14:14 Calibration End Date: 08/02/2015 14:14 Calibration ID: 51571

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/14	T1305306.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1268 Peak 1	0.1107					Ave		0.1107						20.0			0.9900
PCB-1268 Peak 2	0.1031					Ave		0.1031						20.0			0.9900
PCB-1268 Peak 3	0.0845					Ave		0.0845						20.0			0.9900
PCB-1268 Peak 4	0.0366					Ave		0.0366						20.0			0.9900
PCB-1268 Peak 5	0.2436					Ave		0.2436						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 14:14 Calibration End Date: 08/02/2015 14:14 Calibration ID: 51571

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/14	T1305306.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1268 Peak 1	BNB	Ave	148525782					1000				
PCB-1268 Peak 2	BNB	Ave	138377506					1000				
PCB-1268 Peak 3	BNB	Ave	113454547					1000				
PCB-1268 Peak 4	BNB	Ave	49167623					1000				
PCB-1268 Peak 5	BNB	Ave	326856418					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D
Lims ID: IC 1268
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Aug-2015 14:14:27 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030311-014
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub9

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Aug-2015 14:38:49 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK027

First Level Reviewer: patelji Date: 02-Aug-2015 14:35:03

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.556	1.556	0.000	26838976	20.0	20.0	
2	1.371	1.371	0.000	34135439	20.0	20.0	
						RPD = 0.00	
10 PCB-1268							
1	9.009	9.009	0.000	148525782	1000.0	1000.0	a
1	9.103	9.103	0.000	138377506	1000.0	1000.0	a
1	9.599	9.599	0.000	113454547	1000.0	1000.0	a
1	10.001	10.001	0.000	49167623	1000.0	1000.0	a
1	10.343	10.343	0.000	326856418	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	7.112	7.112	0.000	219419819	1000.0	1000.0	a
2	7.171	7.171	0.000	202730859	1000.0	1000.0	a
2	7.493	7.493	0.000	179256519	1000.0	1000.0	a
2	8.143	8.143	0.000	82272134	1000.0	1000.0	a
2	8.705	8.705	0.000	559524834	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

Reagents:

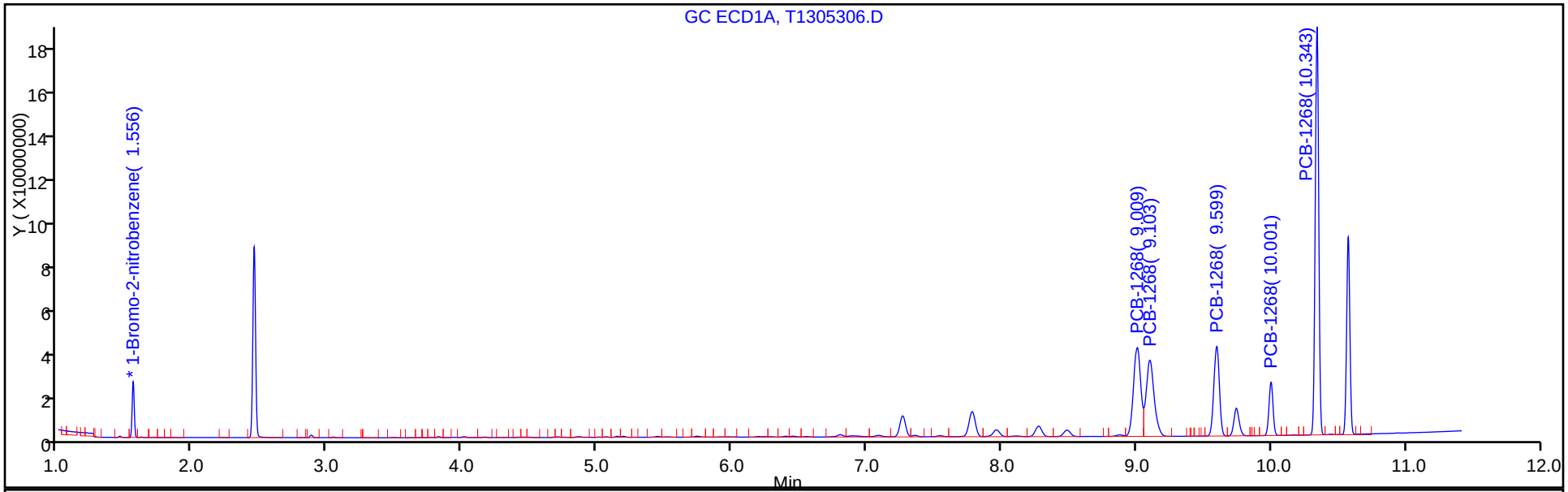
SG1268L3_00022	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

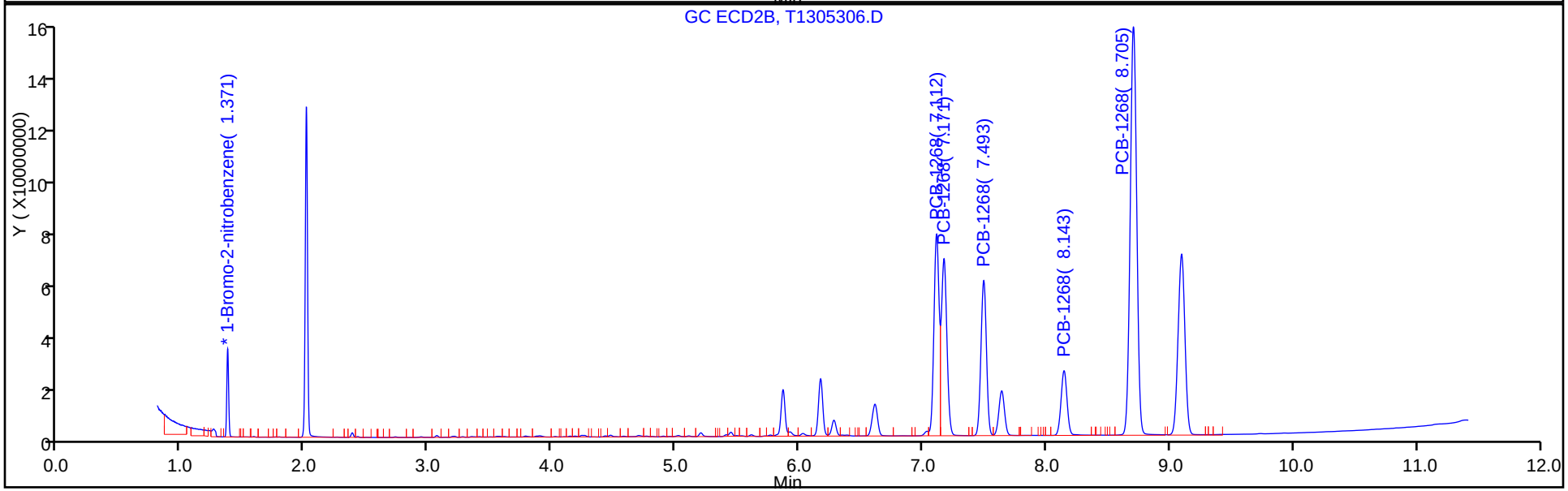
Report Date: 02-Aug-2015 14:38:51 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Injection Date:	02-Aug-2015 14:14:27	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1268			Worklist Smp#:	14
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 14:14 Calibration End Date: 08/02/2015 14:14 Calibration ID: 51572

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/14	T1305306.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1268 Peak 1	0.1286					Ave		0.1286						20.0			0.9900
PCB-1268 Peak 2	0.1188					Ave		0.1188						20.0			0.9900
PCB-1268 Peak 3	0.1050					Ave		0.1050						20.0			0.9900
PCB-1268 Peak 4	0.0482					Ave		0.0482						20.0			0.9900
PCB-1268 Peak 5	0.3278					Ave		0.3278						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 314126

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2015 14:14 Calibration End Date: 08/02/2015 14:14 Calibration ID: 51572

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314126/14	T1305306.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1268 Peak 1	BNB	Ave	219419819					1000				
PCB-1268 Peak 2	BNB	Ave	202730859					1000				
PCB-1268 Peak 3	BNB	Ave	179256519					1000				
PCB-1268 Peak 4	BNB	Ave	82272134					1000				
PCB-1268 Peak 5	BNB	Ave	559524834					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D
Lims ID: IC 1268
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Aug-2015 14:14:27 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030311-014
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub9

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Aug-2015 14:38:49 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK027

First Level Reviewer: patelji Date: 02-Aug-2015 14:35:03

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.556	1.556	0.000	26838976	20.0	20.0	
2	1.371	1.371	0.000	34135439	20.0	20.0	
						RPD = 0.00	
10 PCB-1268							
1	9.009	9.009	0.000	148525782	1000.0	1000.0	a
1	9.103	9.103	0.000	138377506	1000.0	1000.0	a
1	9.599	9.599	0.000	113454547	1000.0	1000.0	a
1	10.001	10.001	0.000	49167623	1000.0	1000.0	a
1	10.343	10.343	0.000	326856418	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	7.112	7.112	0.000	219419819	1000.0	1000.0	a
2	7.171	7.171	0.000	202730859	1000.0	1000.0	a
2	7.493	7.493	0.000	179256519	1000.0	1000.0	a
2	8.143	8.143	0.000	82272134	1000.0	1000.0	a
2	8.705	8.705	0.000	559524834	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

Reagents:

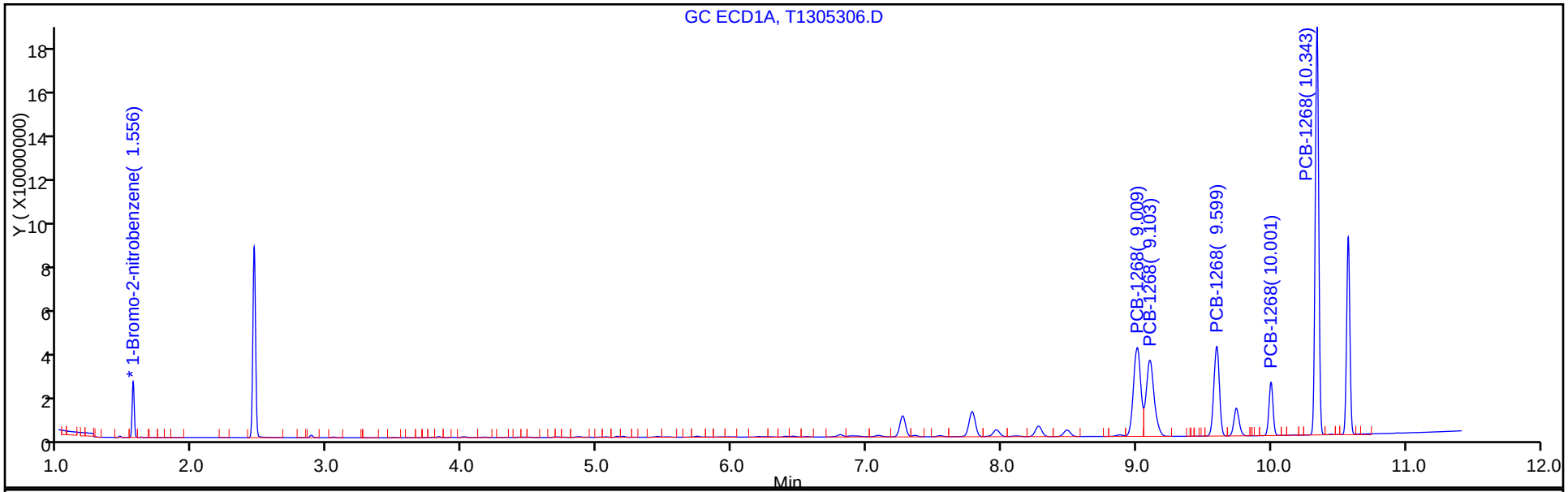
SG1268L3_00022	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

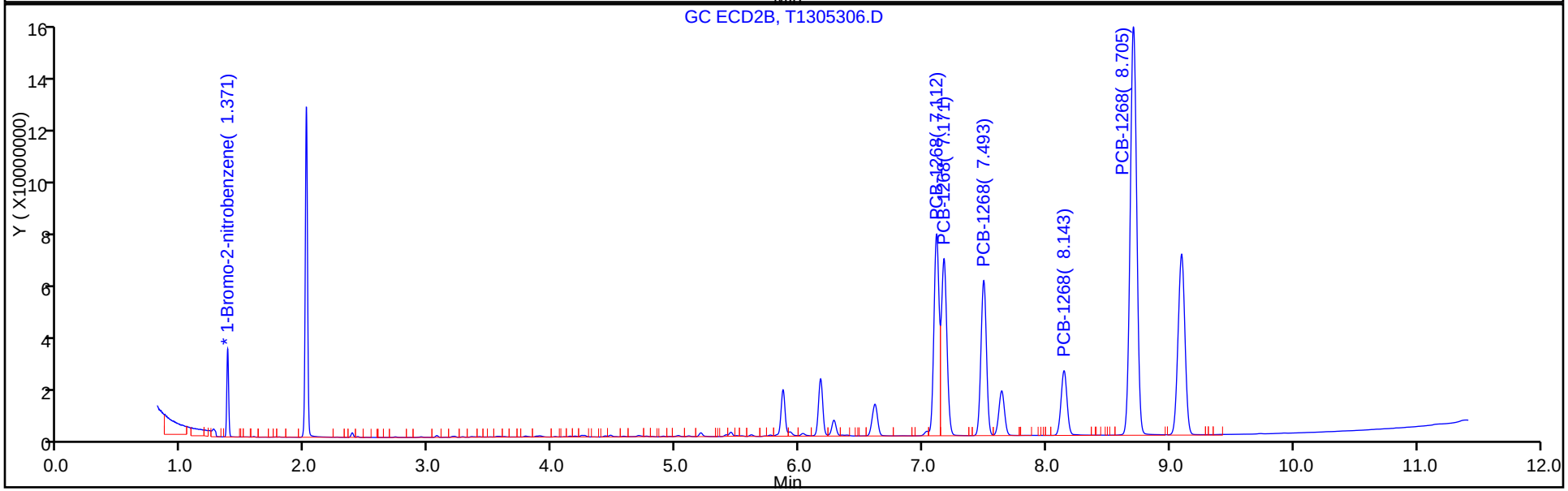
Report Date: 02-Aug-2015 14:38:51 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Injection Date:	02-Aug-2015 14:14:27	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1268			Worklist Smp#:	14
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 09:47 Calibration End Date: 09/30/2015 11:22 Calibration ID: 52510

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/2	VR503358.D
Level 2	IC 460-325682/21	VR503364.D
Level 3	IC 460-325682/4	VR503360.D
Level 4	IC 460-325682/5	VR503361.D
Level 5	IC 460-325682/6	VR503362.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0262	0.0214	0.0258	0.0238	0.0248	Ave		0.0244				7.9		20.0			0.9900
PCB-1016 Peak 2	0.0496	0.0471	0.0566	0.0517	0.0526	Ave		0.0515				6.9		20.0			0.9900
PCB-1016 Peak 3	0.0918	0.0763	0.0903	0.0902	0.0943	Ave		0.0886				8.0		20.0			0.9900
PCB-1016 Peak 4	0.0333	0.0234	0.0282	0.0279	0.0277	Ave		0.0281				12.5		20.0			0.9900
PCB-1016 Peak 5	0.0331	0.0270	0.0326	0.0342	0.0345	Ave		0.0323				9.4		20.0			0.9900
PCB-1260 Peak 1	0.0587	0.0560	0.0665	0.0674	0.0643	Ave		0.0626				8.0		20.0			0.9900
PCB-1260 Peak 2	0.0702	0.0631	0.0753	0.0762	0.0747	Ave		0.0719				7.6		20.0			0.9900
PCB-1260 Peak 3	0.0402	0.0398	0.0459	0.0468	0.0486	Ave		0.0443				9.1		20.0			0.9900
PCB-1260 Peak 4	0.0808	0.0805	0.0954	0.0973	0.1007	Ave		0.0909				10.6		20.0			0.9900
PCB-1260 Peak 5	0.0237	0.0208	0.0243	0.0251	0.0262	Ave		0.0240				8.4		20.0			0.9900
Tetrachloro-m-xylene	0.7413	0.7755	1.0177	1.0034	1.0897	Ave		0.9255				16.9		20.0			0.9900
DCB Decachlorobiphenyl	0.7921	0.8063	0.9689	0.9057	0.9756	Ave		0.8897				9.8		20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 09:47 Calibration End Date: 09/30/2015 11:22 Calibration ID: 52510

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/2	VR503358.D
Level 2	IC 460-325682/21	VR503364.D
Level 3	IC 460-325682/4	VR503360.D
Level 4	IC 460-325682/5	VR503361.D
Level 5	IC 460-325682/6	VR503362.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Ave	128499	1042454	1918289	2655979	4297716	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	243337	2293720	4207187	5762709	9097501	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	450222	3714707	6712458	10056370	16309216	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	163346	1141175	2093042	3107459	4793343	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	162584	1314509	2421582	3811673	5963139	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	288071	2726157	4944903	7514237	11126952	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	344072	3073139	5592927	8499171	12929633	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	197277	1936136	3411939	5219104	8402219	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	396085	3920205	7090577	10849729	17428287	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	116218	1014778	1808151	2796598	4539751	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	908971	3776015	7563601	11185847	15083208	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	971267	3925941	7200766	10096553	13504761	12.5	50.0	100	150	200

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503358.D
Lims ID: IC PCB 1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 30-Sep-2015 09:47:33 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:34:02 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 10:54:41

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.663	1.663	0.000	1961861	20.0	20.0	M
2	1.441	1.441	0.000	2771031	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.640	2.643	-0.003	908971	12.5	10.0	M
2	2.125	2.128	-0.003	1525649	12.5	11.3	M
						RPD = 12.49	
5 PCB-1016							M
1	3.264	3.266	-0.002	128499	50.0	53.7	M
1	3.779	3.782	-0.003	243337	50.0	48.1	M
1	4.345	4.348	-0.003	450222	50.0	51.8	M
1	5.107	5.109	-0.002	163346	50.0	59.3	M
1	5.258	5.262	-0.004	162584	50.0	51.4	M
		Average of Peak Amounts =				52.8	
2	2.520	2.522	-0.002	189489	50.0	52.6	M
2	2.913	2.916	-0.003	371328	50.0	52.6	M
2	3.434	3.438	-0.004	689697	50.0	52.4	M
2	3.589	3.592	-0.003	238153	50.0	48.4	M
2	4.070	4.073	-0.003	303601	50.0	57.2	M
		Average of Peak Amounts =				52.6	
						RPD = 0.43	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.917	6.920	-0.003	288071	50.0	46.9	M
1	7.299	7.302	-0.003	344072	50.0	48.8	M
1	8.581	8.583	-0.002	197277	50.0	45.4	M
1	8.871	8.872	-0.001	396085	50.0	44.4	M
1	9.719	9.716	0.003	116218	50.0	49.3	M
		Average of Peak Amounts =				47.0	
2	5.524	5.525	-0.001	478984	50.0	55.8	M
2	6.816	6.820	-0.004	351359	50.0	50.4	M
2	7.354	7.359	-0.005	883622	50.0	54.6	M
2	7.900	7.905	-0.005	362069	50.0	45.9	M
2	8.792	8.794	-0.002	185432	50.0	45.4	M
		Average of Peak Amounts =				50.4	
						RPD = 7.11	
$ 11 DCB Decachlorobiphenyl							M
1	10.162	10.156	0.006	971267	12.5	11.1	M
2	9.250	9.249	0.001	1771649	12.5	12.5	M
						RPD = 11.46	
S 12 Polychlorinated biphenyls, Total							
1						99.8	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

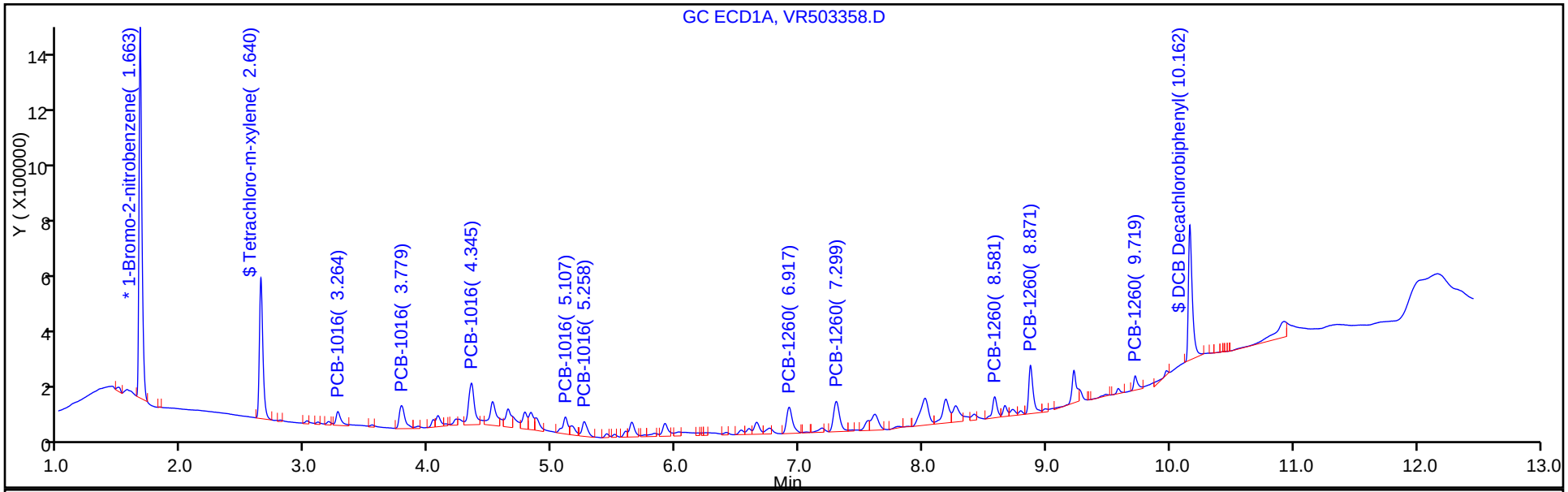
SG1660(LVI)L1_00007	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

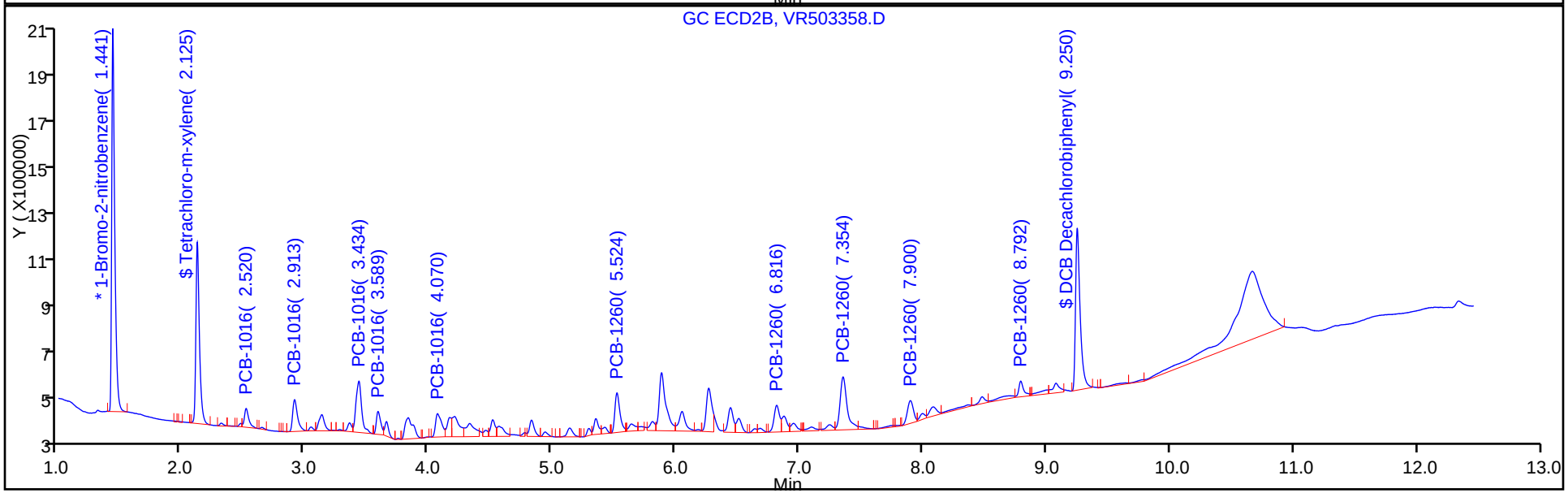
Report Date: 30-Sep-2015 15:34:07 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503358.D

Injection Date:	30-Sep-2015 09:47:33	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC PCB 1			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503360.D
Lims ID: IC PCB 3
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 30-Sep-2015 10:19:07 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-004
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:34:27 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 10:54:28

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1486405	20.0	20.0	M
2	1.442	1.442	0.000	2557718	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.643	2.643	0.000	7563601	100.0	110.0	
2	2.128	2.128	0.000	12636097	100.0	101.8	M
						RPD = 7.70	
5 PCB-1016							M
1	3.266	3.266	0.000	1918289	1000.0	1057.1	M
1	3.782	3.782	0.000	4207187	1000.0	1098.8	M
1	4.348	4.348	0.000	6712458	1000.0	1019.7	M
1	5.109	5.109	0.000	2093042	1000.0	1002.4	M
1	5.262	5.262	0.000	2421582	1000.0	1009.5	M
		Average of Peak Amounts =				1037.5	
2	2.522	2.522	0.000	3396416	1000.0	1021.1	M
2	2.916	2.916	0.000	6797368	1000.0	1042.7	M
2	3.438	3.438	0.000	12929151	1000.0	1064.2	M
2	3.592	3.592	0.000	4826421	1000.0	1062.3	M
2	4.073	4.073	0.000	4407021	1000.0	899.1	M
		Average of Peak Amounts =				1017.9	
						RPD = 1.91	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.920	6.920	0.000	4944903	1000.0	1063.0	M
1	7.302	7.302	0.000	5592927	1000.0	1046.7	M
1	8.583	8.583	0.000	3411939	1000.0	1037.4	M
1	8.872	8.872	0.000	7090577	1000.0	1049.0	M
1	9.716	9.716	0.000	1808151	1000.0	1012.1	
		Average of Peak Amounts =				1041.6	
2	5.525	5.525	0.000	7149929	1000.0	902.2	M
2	6.820	6.820	0.000	5694346	1000.0	885.4	M
2	7.359	7.359	0.000	13604414	1000.0	910.4	M
2	7.905	7.905	0.000	6653648	1000.0	914.2	
2	8.794	8.794	0.000	3781497	1000.0	1003.6	M
		Average of Peak Amounts =				923.2	
						RPD = 12.06	
$ 11 DCB Decachlorobiphenyl							M
1	10.156	10.156	0.000	7200766	100.0	108.9	M
2	9.249	9.249	0.000	13122347	100.0	100.2	M
						RPD = 8.35	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

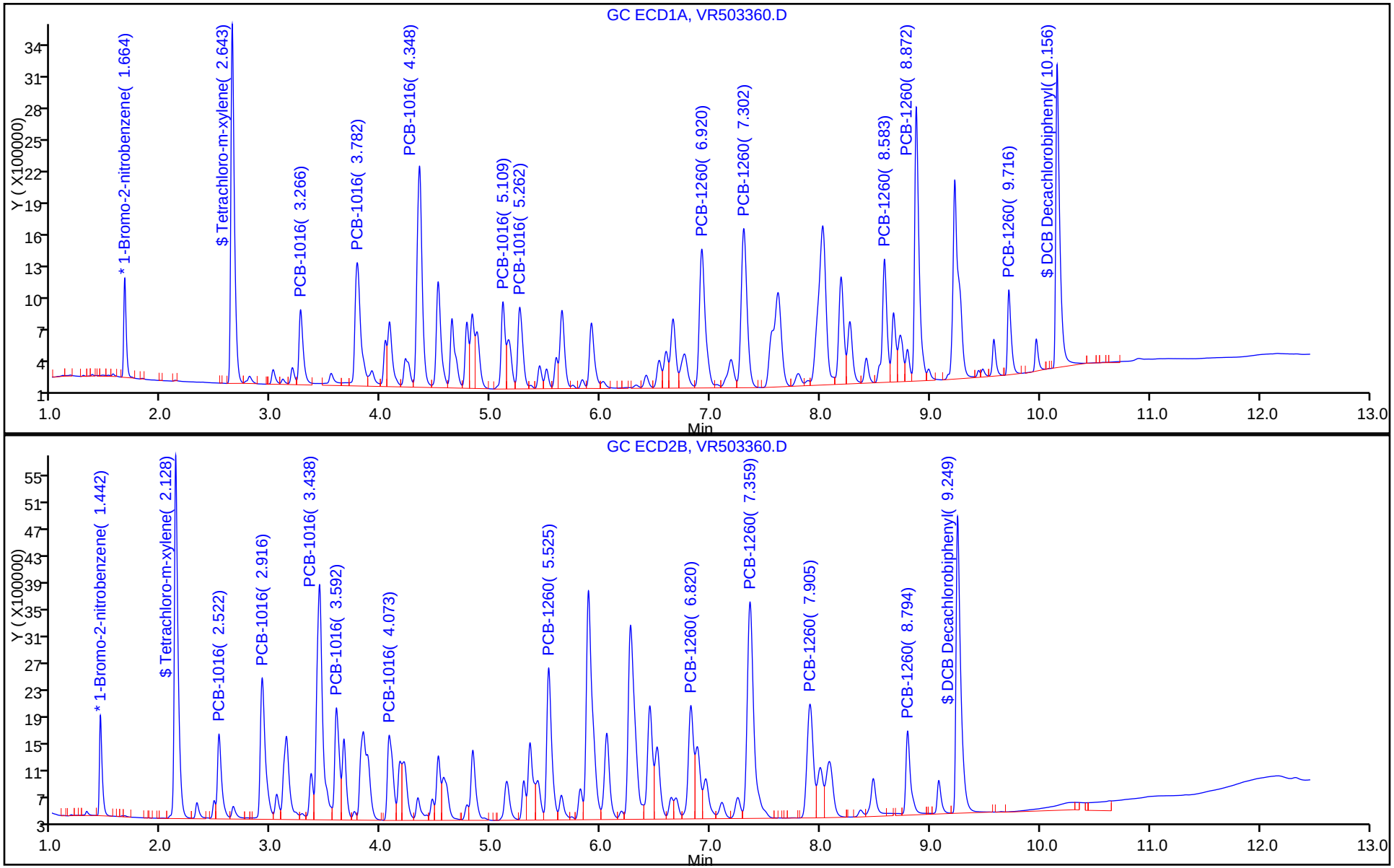
SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 30-Sep-2015 15:34:31 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503360.D

Injection Date:	30-Sep-2015 10:19:07	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC PCB 3			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503361.D
Lims ID: IC PCB 4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 30-Sep-2015 10:34:54 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-005
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:34:36 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 11:04:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1486346	20.0	20.0	
2	1.442	1.442	0.000	2496236	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.643	2.643	0.000	11185847	150.0	162.6	
2	2.128	2.128	0.000	18416962	150.0	152.0	M
						RPD = 6.73	
5 PCB-1016							M
1	3.266	3.266	0.000	2655979	1500.0	1463.7	
1	3.781	3.782	-0.001	5762709	1500.0	1505.1	M
1	4.349	4.348	0.001	10056370	1500.0	1527.7	M
1	5.109	5.109	0.000	3107459	1500.0	1488.2	
1	5.262	5.262	0.000	3811673	1500.0	1589.0	
		Average of Peak Amounts =				1514.7	
2	2.522	2.522	0.000	4528375	1500.0	1394.9	M
2	2.916	2.916	0.000	8099281	1500.0	1273.1	
2	3.438	3.438	0.000	16528449	1500.0	1393.9	M
2	3.592	3.592	0.000	6440990	1500.0	1452.6	M
2	4.073	4.073	0.000	6882426	1500.0	1438.7	
		Average of Peak Amounts =				1390.6	
						RPD = 8.54	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.921	6.920	0.001	7514237	1500.0	1615.3	M
1	7.303	7.302	0.001	8499171	1500.0	1590.6	M
1	8.583	8.583	0.000	5219104	1500.0	1586.9	M
1	8.872	8.872	0.000	10849729	1500.0	1605.3	M
1	9.713	9.716	-0.003	2796598	1500.0	1565.5	
		Average of Peak Amounts =				1592.7	
2	5.526	5.525	0.001	11300615	1500.0	1461.1	M
2	6.821	6.820	0.001	9512742	1500.0	1515.5	M
2	7.360	7.359	0.001	20462913	1500.0	1403.2	M
2	7.906	7.905	0.001	10207656	1500.0	1437.1	M
2	8.794	8.794	0.000	5312620	1500.0	1444.6	
		Average of Peak Amounts =				1452.3	
						RPD = 9.22	
$ 11 DCB Decachlorobiphenyl							M
1	10.153	10.156	-0.003	10096553	150.0	152.7	
2	9.247	9.249	-0.002	17784697	150.0	139.1	M
						RPD = 9.32	
S 12 Polychlorinated biphenyls, Total							
1						3107.5	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

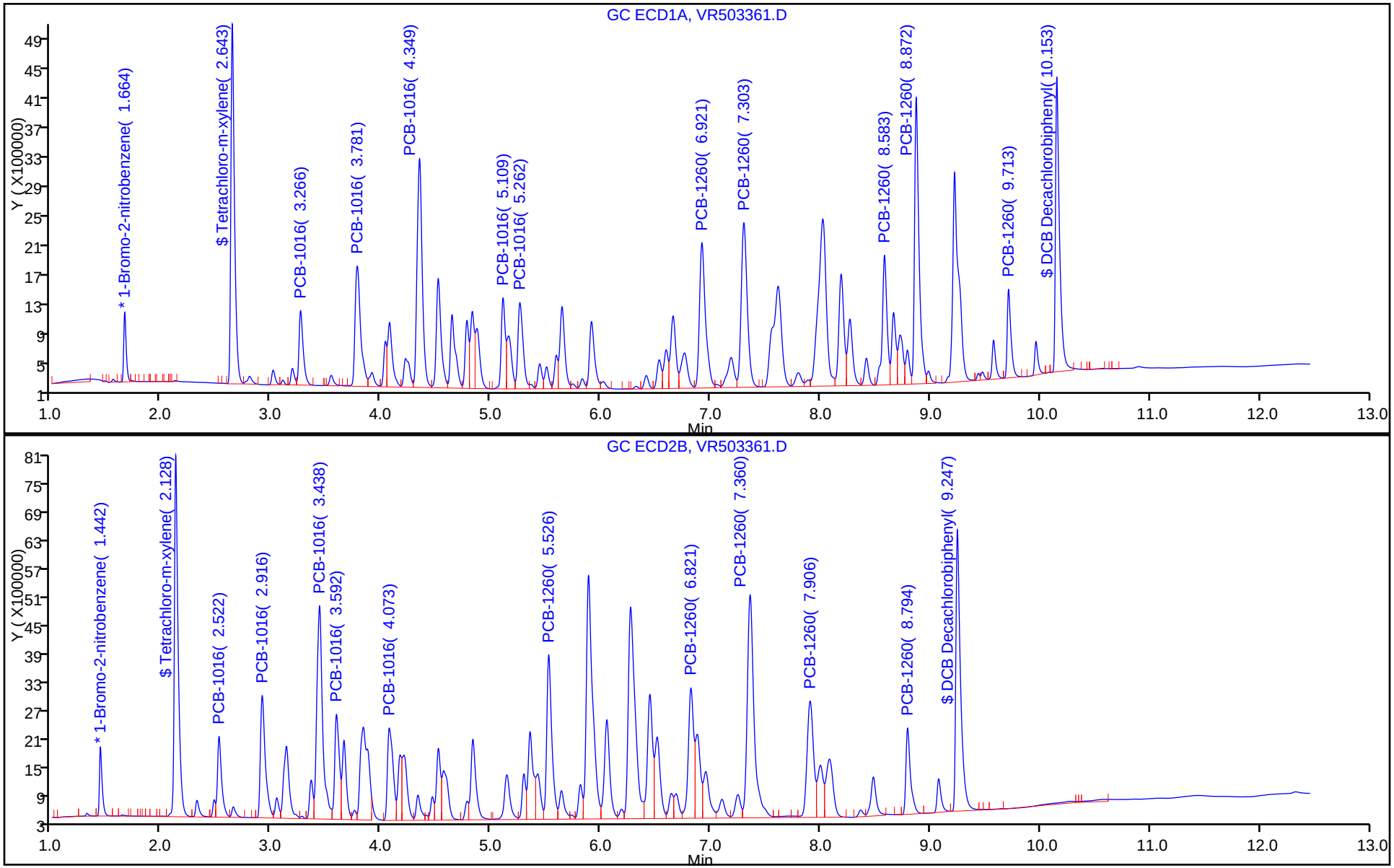
SG1660L4_00019	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 30-Sep-2015 15:34:40 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503361.D

Injection Date:	30-Sep-2015 10:34:54	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC PCB 4			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503362.D
Lims ID: IC PCB 5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 30-Sep-2015 10:50:43 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-006
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:34:43 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 11:18:29

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1384184	20.0	20.0	M
2	1.442	1.442	0.000	2238521	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.643	2.643	0.000	15083208	200.0	235.5	
2	2.128	2.128	0.000	22903125	200.0	210.8	M
						RPD = 11.04	
5 PCB-1016							M
1	3.266	3.266	0.000	4297716	2500.0	2543.2	
1	3.782	3.782	0.000	9097501	2500.0	2551.4	M
1	4.350	4.348	0.002	16309216	2500.0	2660.5	M
1	5.110	5.109	0.001	4793343	2500.0	2465.0	
1	5.262	5.262	0.000	5963139	2500.0	2669.4	
		Average of Peak Amounts =				2577.9	
2	2.522	2.522	0.000	7112324	2500.0	2443.1	M
2	2.916	2.916	0.000	13723523	2500.0	2405.4	M
2	3.438	3.438	0.000	26319305	2500.0	2475.1	M
2	3.592	3.592	0.000	9874688	2500.0	2483.4	M
2	4.073	4.073	0.000	10654631	2500.0	2483.7	
		Average of Peak Amounts =				2458.1	
						RPD = 4.76	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.921	6.920	0.001	11126952	2500.0	2568.5	
1	7.303	7.302	0.001	12929633	2500.0	2598.4	
1	8.584	8.583	0.001	8402219	2500.0	2743.3	
1	8.872	8.872	0.000	17428287	2500.0	2768.9	
1	9.717	9.716	0.001	4539751	2500.0	2728.8	
		Average of Peak Amounts =				2681.6	
2	5.526	5.525	0.001	16859063	2500.0	2430.8	M
2	6.822	6.820	0.002	14221101	2500.0	2526.4	M
2	7.361	7.359	0.002	33435957	2500.0	2556.7	M
2	7.907	7.905	0.002	18559549	2500.0	2913.8	M
2	8.794	8.794	0.000	8775218	2500.0	2660.9	M
		Average of Peak Amounts =				2617.7	
						RPD = 2.41	
$ 11 DCB Decachlorobiphenyl							M
1	10.156	10.156	0.000	13504761	200.0	219.3	M
2	9.249	9.249	0.000	23371758	200.0	203.8	M
						RPD = 7.32	
S 12 Polychlorinated biphenyls, Total							
1						5259.5	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

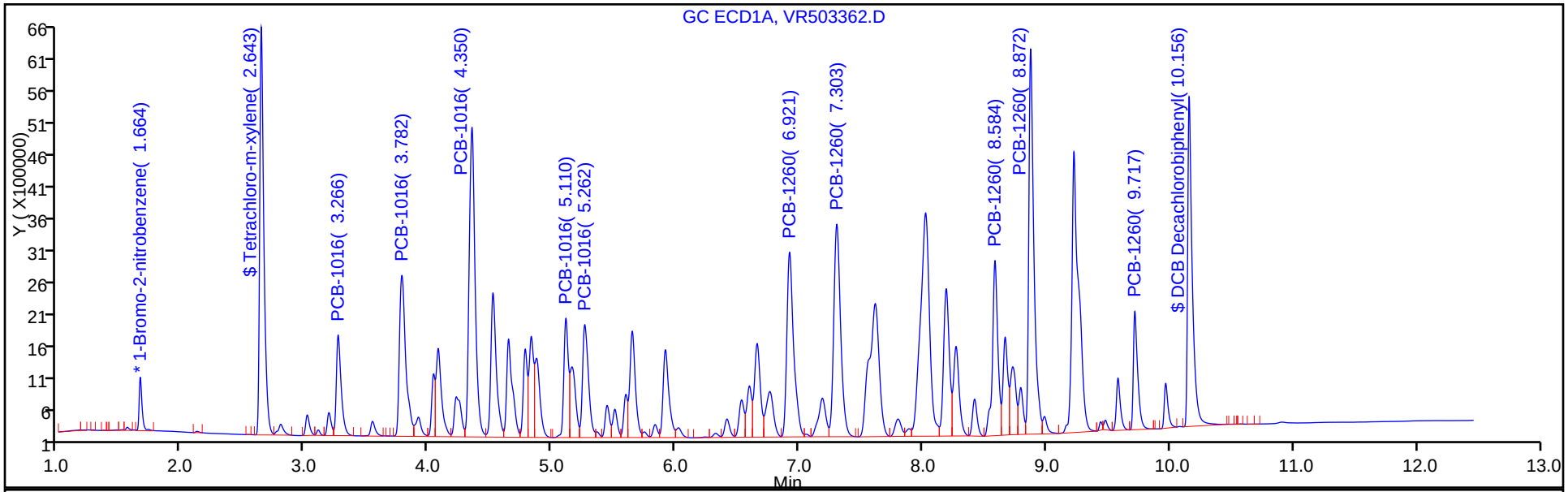
SG1660L5_00019	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

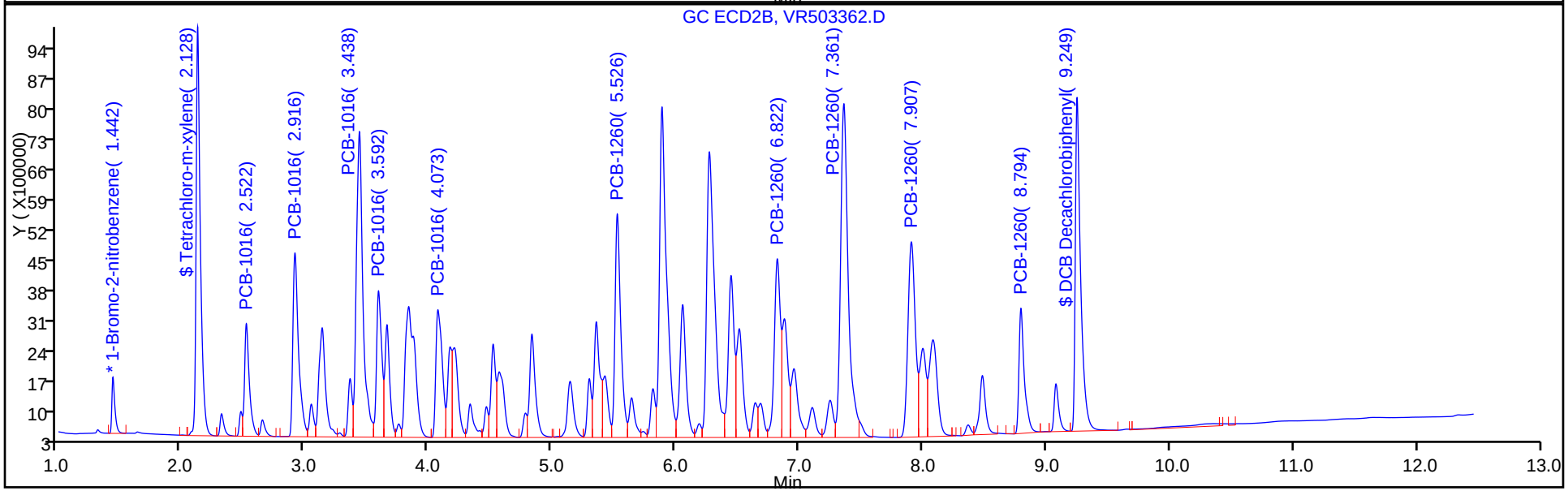
Report Date: 30-Sep-2015 15:34:46 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503362.D

Injection Date:	30-Sep-2015 10:50:43	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC PCB 5			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503364.D
Lims ID: IC PCB 2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 30-Sep-2015 11:22:17 ALS Bottle#: 8 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-008
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:34:55 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 11:42:54

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1947742	20.0	20.0	M
2	1.443	1.442	0.001	2607337	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.643	2.643	0.000	3776015	50.0	41.9	M
2	2.128	2.128	0.000	6366678	50.0	50.3	M
						RPD = 18.28	
5 PCB-1016							M
1	3.266	3.266	0.000	1042454	500.0	438.4	M
1	3.782	3.782	0.000	2293720	500.0	457.2	M
1	4.348	4.348	0.000	3714707	500.0	430.6	M
1	5.109	5.109	0.000	1141175	500.0	417.1	M
1	5.262	5.262	0.000	1314509	500.0	418.2	M
		Average of Peak Amounts =				432.3	
2	2.523	2.522	0.001	1729453	500.0	510.0	M
2	2.916	2.916	0.000	3637777	500.0	547.4	M
2	3.438	3.438	0.000	5998167	500.0	484.3	M
2	3.592	3.592	0.000	2334653	500.0	504.1	M
2	4.073	4.073	0.000	2510572	500.0	502.4	M
		Average of Peak Amounts =				509.7	
						RPD = 16.43	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.920	6.920	0.000	2726157	500.0	447.2	M
1	7.303	7.302	0.001	3073139	500.0	438.9	M
1	8.583	8.583	0.000	1936136	500.0	449.2	M
1	8.873	8.872	0.001	3920205	500.0	442.6	M
1	9.715	9.716	-0.001	1014778	500.0	433.5	M
		Average of Peak Amounts =				442.3	
2	5.526	5.525	0.001	4182662	500.0	517.8	M
2	6.821	6.820	0.001	3557922	500.0	542.7	M
2	7.360	7.359	0.001	7919288	500.0	519.9	M
2	7.906	7.905	0.001	3871752	500.0	521.9	M
2	8.793	8.794	-0.001	2036816	500.0	530.3	M
		Average of Peak Amounts =				526.5	
						RPD = 17.38	
$ 11 DCB Decachlorobiphenyl							M
1	10.154	10.156	-0.002	3925941	50.0	45.3	M
2	9.249	9.249	0.000	7033306	50.0	52.7	M
						RPD = 15.01	
S 12 Polychlorinated biphenyls, Total							
1						874.6	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

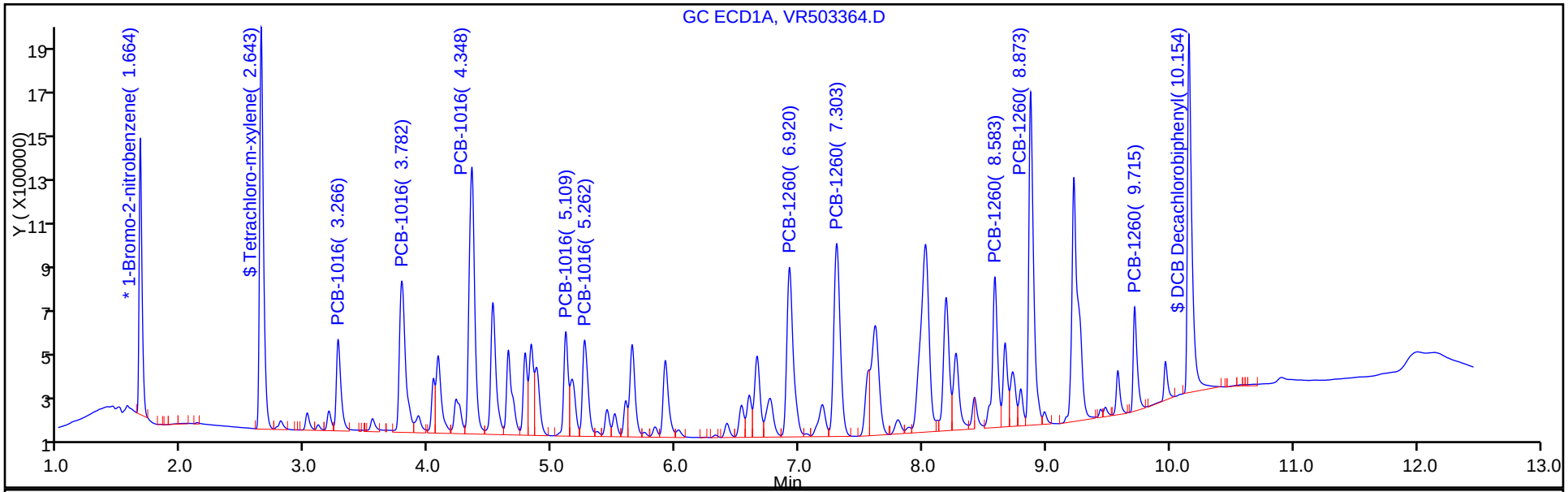
SG1660L2_00020	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

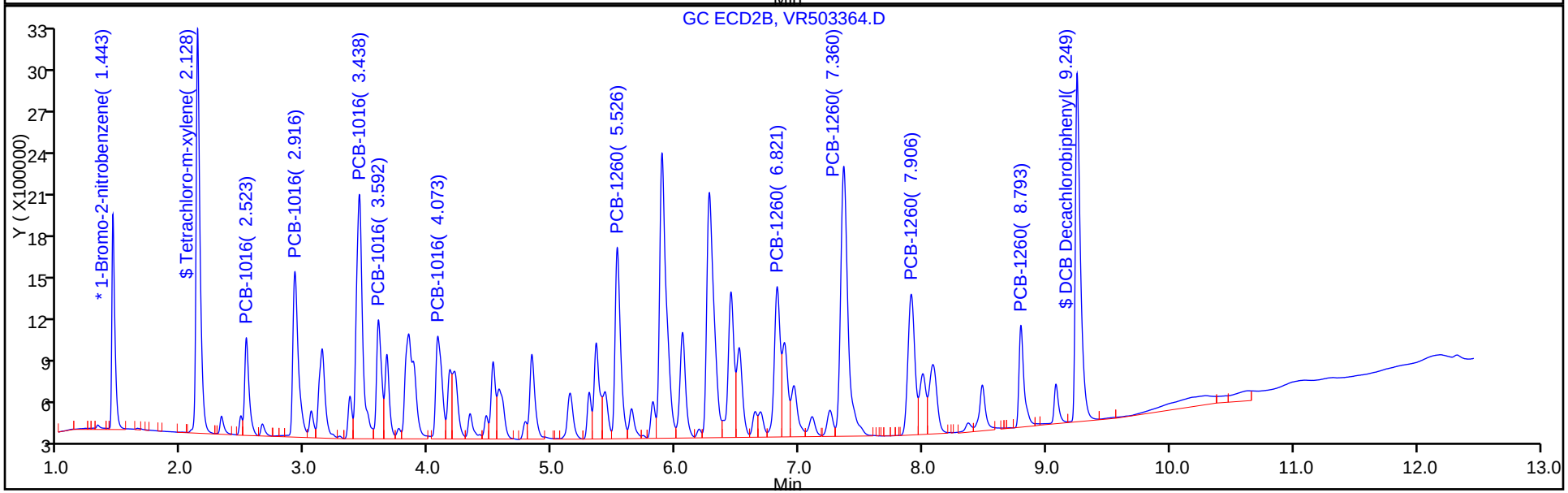
Report Date: 30-Sep-2015 15:34:58 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503364.D

Injection Date:	30-Sep-2015 11:22:17	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC PCB 2			Worklist Smp#:	21
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 09:47 Calibration End Date: 09/30/2015 11:22 Calibration ID: 52511

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/2	VR503358.D
Level 2	IC 460-325682/21	VR503364.D
Level 3	IC 460-325682/4	VR503360.D
Level 4	IC 460-325682/5	VR503361.D
Level 5	IC 460-325682/6	VR503362.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0274	0.0265	0.0266	0.0242	0.0254	Ave		0.0260				4.7		20.0			0.9900
PCB-1016 Peak 2	0.0536	0.0558	0.0532	0.0433	0.0490	Ave		0.0510				9.7		20.0			0.9900
PCB-1016 Peak 3	0.0996	0.0920	0.1011	0.0883	0.0941	Ave		0.0950				5.6		20.0			0.9900
PCB-1016 Peak 4	0.0344	0.0358	0.0377	0.0344	0.0353	Ave		0.0355				3.9		20.0			0.9900
PCB-1016 Peak 5	0.0438	0.0385	0.0345	0.0368	0.0381	Ave		0.0383				9.0		20.0			0.9900
PCB-1260 Peak 1	0.0691	0.0642	0.0559	0.0604	0.0603	Ave		0.0620				8.0		20.0			0.9900
PCB-1260 Peak 2	0.0507	0.0546	0.0445	0.0508	0.0508	Ave		0.0503				7.2		20.0			0.9900
PCB-1260 Peak 3	0.1276	0.1215	0.1064	0.1093	0.1195	Ave		0.1168				7.5		20.0			0.9900
PCB-1260 Peak 4	0.0523	0.0594	0.0520	0.0545	0.0663	Ave		0.0569				10.6		20.0			0.9900
PCB-1260 Peak 5	0.0268	0.0312	0.0296	0.0284	0.0314	Ave		0.0295				6.6		20.0			0.9900
Tetrachloro-m-xylene	0.8809	0.9767	0.9881	0.9837	1.0231	Ave		0.9705				5.5		20.0			0.9900
DCB Decachlorobiphenyl	1.0230	1.0790	1.0261	0.9499	1.0441	Ave		1.0244				4.6		20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 09:47 Calibration End Date: 09/30/2015 11:22 Calibration ID: 52511

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/2	VR503358.D
Level 2	IC 460-325682/21	VR503364.D
Level 3	IC 460-325682/4	VR503360.D
Level 4	IC 460-325682/5	VR503361.D
Level 5	IC 460-325682/6	VR503362.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Ave	189489	1729453	3396416	4528375	7112324	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	371328	3637777	6797368	8099281	13723523	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	689697	5998167	12929151	16528449	26319305	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	238153	2334653	4826421	6440990	9874688	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	303601	2510572	4407021	6882426	10654631	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	478984	4182662	7149929	11300615	16859063	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	351359	3557922	5694346	9512742	14221101	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	883622	7919288	13604414	20462913	33435957	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	362069	3871752	6653648	10207656	18559549	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	185432	2036816	3781497	5312620	8775218	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	1525649	6366678	12636097	18416962	22903125	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	1771649	7033306	13122347	17784697	23371758	12.5	50.0	100	150	200

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503358.D
Lims ID: IC PCB 1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 30-Sep-2015 09:47:33 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:34:02 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 10:54:41

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.663	1.663	0.000	1961861	20.0	20.0	M
2	1.441	1.441	0.000	2771031	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.640	2.643	-0.003	908971	12.5	10.0	M
2	2.125	2.128	-0.003	1525649	12.5	11.3	M
						RPD = 12.49	
5 PCB-1016							M
1	3.264	3.266	-0.002	128499	50.0	53.7	M
1	3.779	3.782	-0.003	243337	50.0	48.1	M
1	4.345	4.348	-0.003	450222	50.0	51.8	M
1	5.107	5.109	-0.002	163346	50.0	59.3	M
1	5.258	5.262	-0.004	162584	50.0	51.4	M
		Average of Peak Amounts =				52.8	
2	2.520	2.522	-0.002	189489	50.0	52.6	M
2	2.913	2.916	-0.003	371328	50.0	52.6	M
2	3.434	3.438	-0.004	689697	50.0	52.4	M
2	3.589	3.592	-0.003	238153	50.0	48.4	M
2	4.070	4.073	-0.003	303601	50.0	57.2	M
		Average of Peak Amounts =				52.6	
						RPD = 0.43	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.917	6.920	-0.003	288071	50.0	46.9	M
1	7.299	7.302	-0.003	344072	50.0	48.8	M
1	8.581	8.583	-0.002	197277	50.0	45.4	M
1	8.871	8.872	-0.001	396085	50.0	44.4	M
1	9.719	9.716	0.003	116218	50.0	49.3	M
		Average of Peak Amounts =				47.0	
2	5.524	5.525	-0.001	478984	50.0	55.8	M
2	6.816	6.820	-0.004	351359	50.0	50.4	M
2	7.354	7.359	-0.005	883622	50.0	54.6	M
2	7.900	7.905	-0.005	362069	50.0	45.9	M
2	8.792	8.794	-0.002	185432	50.0	45.4	M
		Average of Peak Amounts =				50.4	
						RPD = 7.11	
$ 11 DCB Decachlorobiphenyl							M
1	10.162	10.156	0.006	971267	12.5	11.1	M
2	9.250	9.249	0.001	1771649	12.5	12.5	M
						RPD = 11.46	
S 12 Polychlorinated biphenyls, Total							
1						99.8	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

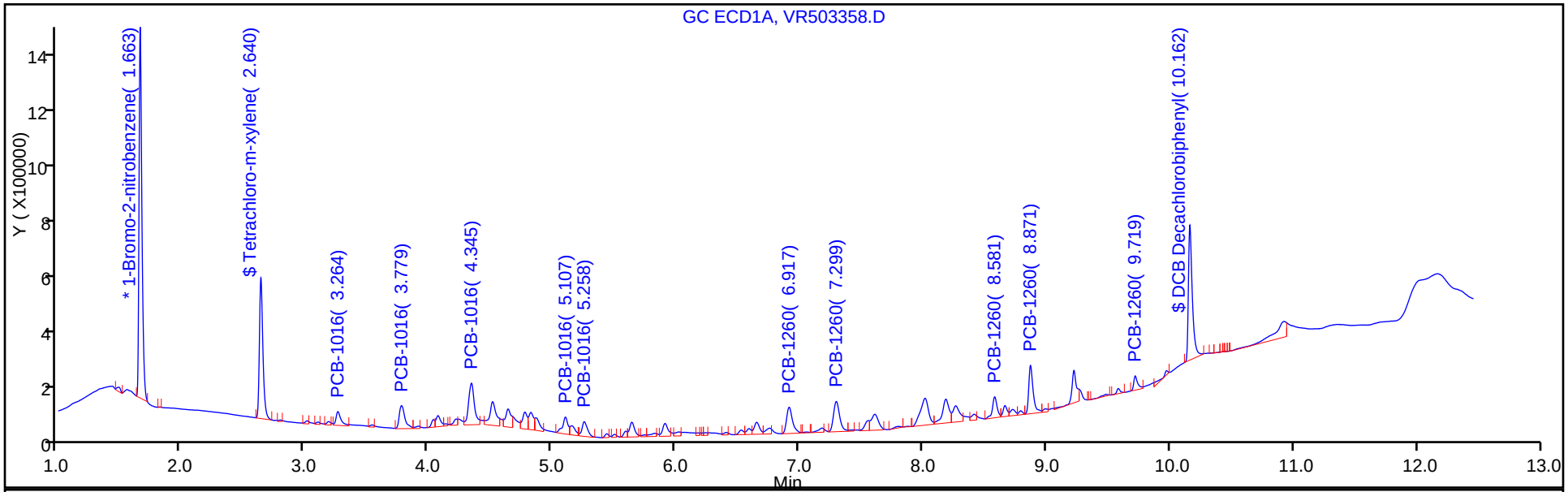
SG1660(LVI)L1_00007	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

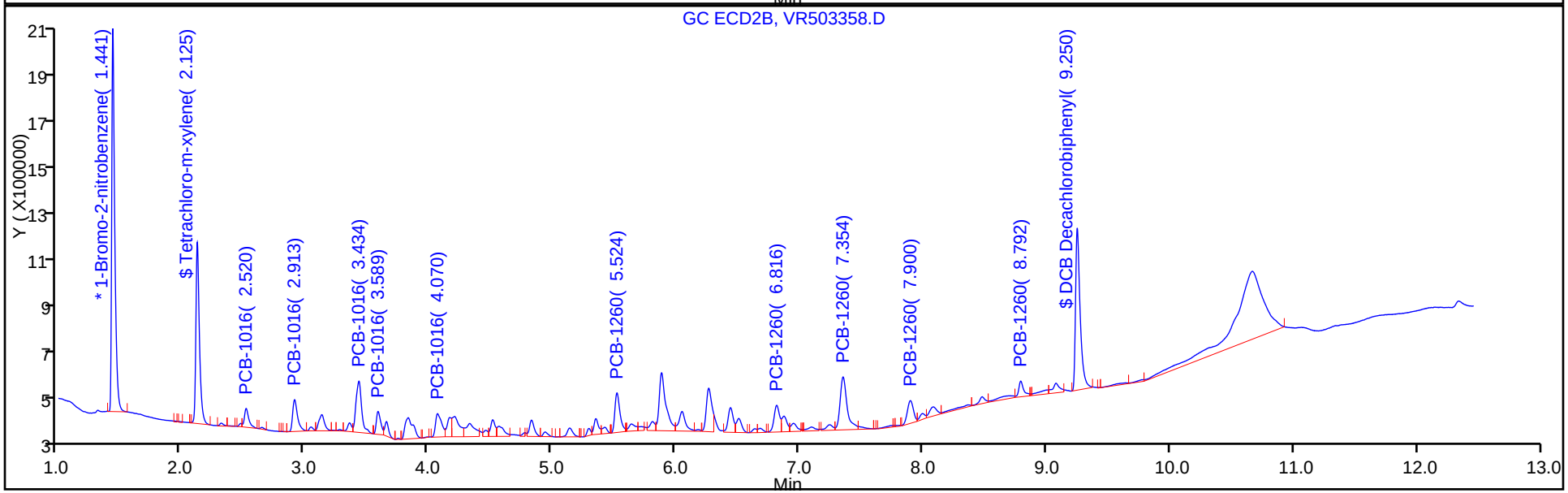
Report Date: 30-Sep-2015 15:34:08 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503358.D

Injection Date:	30-Sep-2015 09:47:33	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC PCB 1			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503360.D
Lims ID: IC PCB 3
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 30-Sep-2015 10:19:07 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-004
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:34:27 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 10:54:28

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1486405	20.0	20.0	M
2	1.442	1.442	0.000	2557718	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.643	2.643	0.000	7563601	100.0	110.0	
2	2.128	2.128	0.000	12636097	100.0	101.8	M
						RPD = 7.70	
5 PCB-1016							M
1	3.266	3.266	0.000	1918289	1000.0	1057.1	M
1	3.782	3.782	0.000	4207187	1000.0	1098.8	M
1	4.348	4.348	0.000	6712458	1000.0	1019.7	M
1	5.109	5.109	0.000	2093042	1000.0	1002.4	M
1	5.262	5.262	0.000	2421582	1000.0	1009.5	M
		Average of Peak Amounts =				1037.5	
2	2.522	2.522	0.000	3396416	1000.0	1021.1	M
2	2.916	2.916	0.000	6797368	1000.0	1042.7	M
2	3.438	3.438	0.000	12929151	1000.0	1064.2	M
2	3.592	3.592	0.000	4826421	1000.0	1062.3	M
2	4.073	4.073	0.000	4407021	1000.0	899.1	M
		Average of Peak Amounts =				1017.9	
						RPD = 1.91	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.920	6.920	0.000	4944903	1000.0	1063.0	M
1	7.302	7.302	0.000	5592927	1000.0	1046.7	M
1	8.583	8.583	0.000	3411939	1000.0	1037.4	M
1	8.872	8.872	0.000	7090577	1000.0	1049.0	M
1	9.716	9.716	0.000	1808151	1000.0	1012.1	
		Average of Peak Amounts =				1041.6	
2	5.525	5.525	0.000	7149929	1000.0	902.2	M
2	6.820	6.820	0.000	5694346	1000.0	885.4	M
2	7.359	7.359	0.000	13604414	1000.0	910.4	M
2	7.905	7.905	0.000	6653648	1000.0	914.2	
2	8.794	8.794	0.000	3781497	1000.0	1003.6	M
		Average of Peak Amounts =				923.2	
						RPD = 12.06	
$ 11 DCB Decachlorobiphenyl							M
1	10.156	10.156	0.000	7200766	100.0	108.9	M
2	9.249	9.249	0.000	13122347	100.0	100.2	M
						RPD = 8.35	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

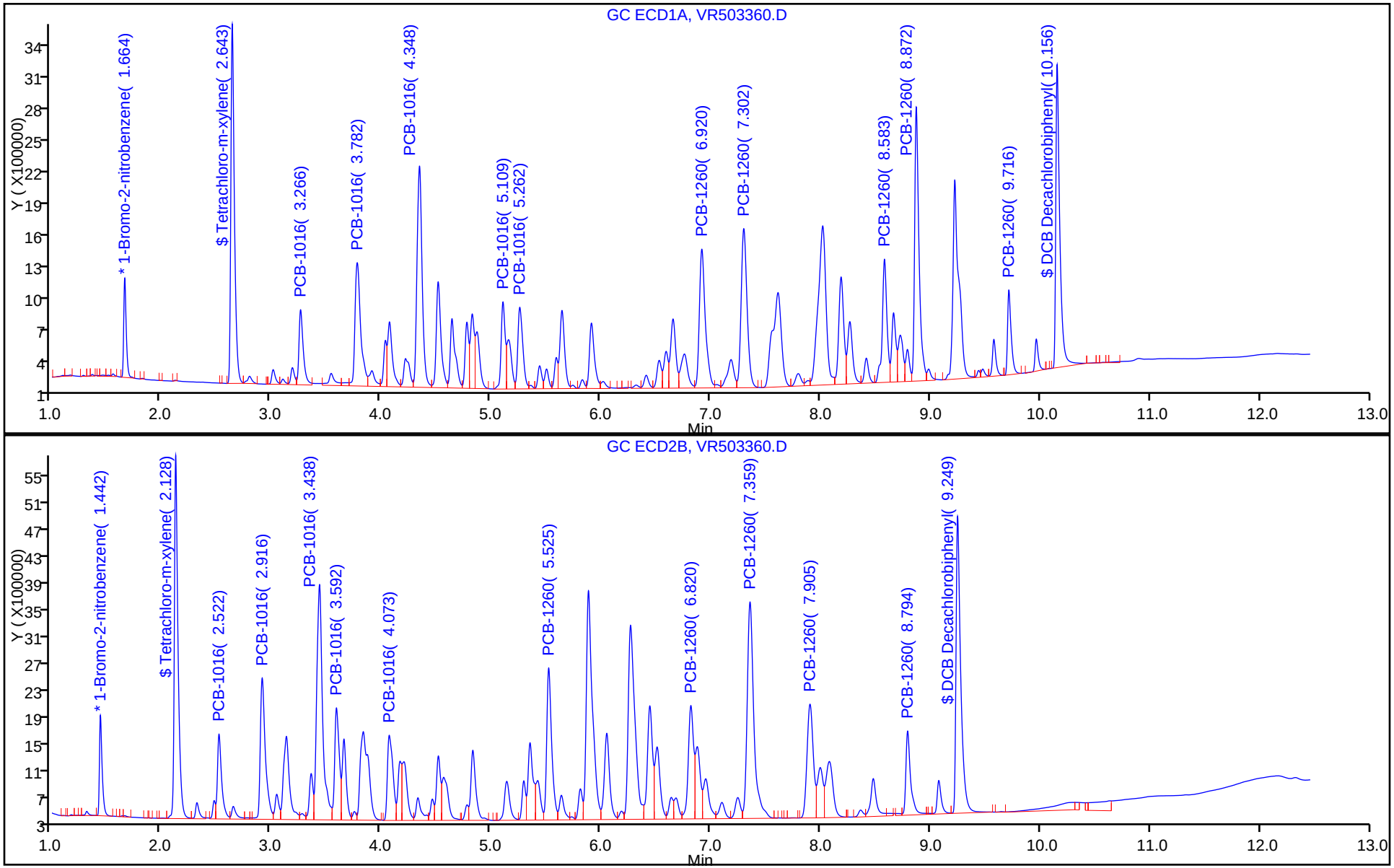
SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 30-Sep-2015 15:34:32 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503360.D

Injection Date:	30-Sep-2015 10:19:07	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC PCB 3			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503361.D
Lims ID: IC PCB 4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 30-Sep-2015 10:34:54 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-005
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:34:36 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 11:04:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1486346	20.0	20.0	
2	1.442	1.442	0.000	2496236	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.643	2.643	0.000	11185847	150.0	162.6	
2	2.128	2.128	0.000	18416962	150.0	152.0	M
						RPD = 6.73	
5 PCB-1016							M
1	3.266	3.266	0.000	2655979	1500.0	1463.7	
1	3.781	3.782	-0.001	5762709	1500.0	1505.1	M
1	4.349	4.348	0.001	10056370	1500.0	1527.7	M
1	5.109	5.109	0.000	3107459	1500.0	1488.2	
1	5.262	5.262	0.000	3811673	1500.0	1589.0	
		Average of Peak Amounts =				1514.7	
2	2.522	2.522	0.000	4528375	1500.0	1394.9	M
2	2.916	2.916	0.000	8099281	1500.0	1273.1	
2	3.438	3.438	0.000	16528449	1500.0	1393.9	M
2	3.592	3.592	0.000	6440990	1500.0	1452.6	M
2	4.073	4.073	0.000	6882426	1500.0	1438.7	
		Average of Peak Amounts =				1390.6	
						RPD = 8.54	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.921	6.920	0.001	7514237	1500.0	1615.3	M
1	7.303	7.302	0.001	8499171	1500.0	1590.6	M
1	8.583	8.583	0.000	5219104	1500.0	1586.9	M
1	8.872	8.872	0.000	10849729	1500.0	1605.3	M
1	9.713	9.716	-0.003	2796598	1500.0	1565.5	
		Average of Peak Amounts =				1592.7	
2	5.526	5.525	0.001	11300615	1500.0	1461.1	M
2	6.821	6.820	0.001	9512742	1500.0	1515.5	M
2	7.360	7.359	0.001	20462913	1500.0	1403.2	M
2	7.906	7.905	0.001	10207656	1500.0	1437.1	M
2	8.794	8.794	0.000	5312620	1500.0	1444.6	
		Average of Peak Amounts =				1452.3	
						RPD = 9.22	
$ 11 DCB Decachlorobiphenyl							M
1	10.153	10.156	-0.003	10096553	150.0	152.7	
2	9.247	9.249	-0.002	17784697	150.0	139.1	M
						RPD = 9.32	
S 12 Polychlorinated biphenyls, Total							
1						3107.5	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

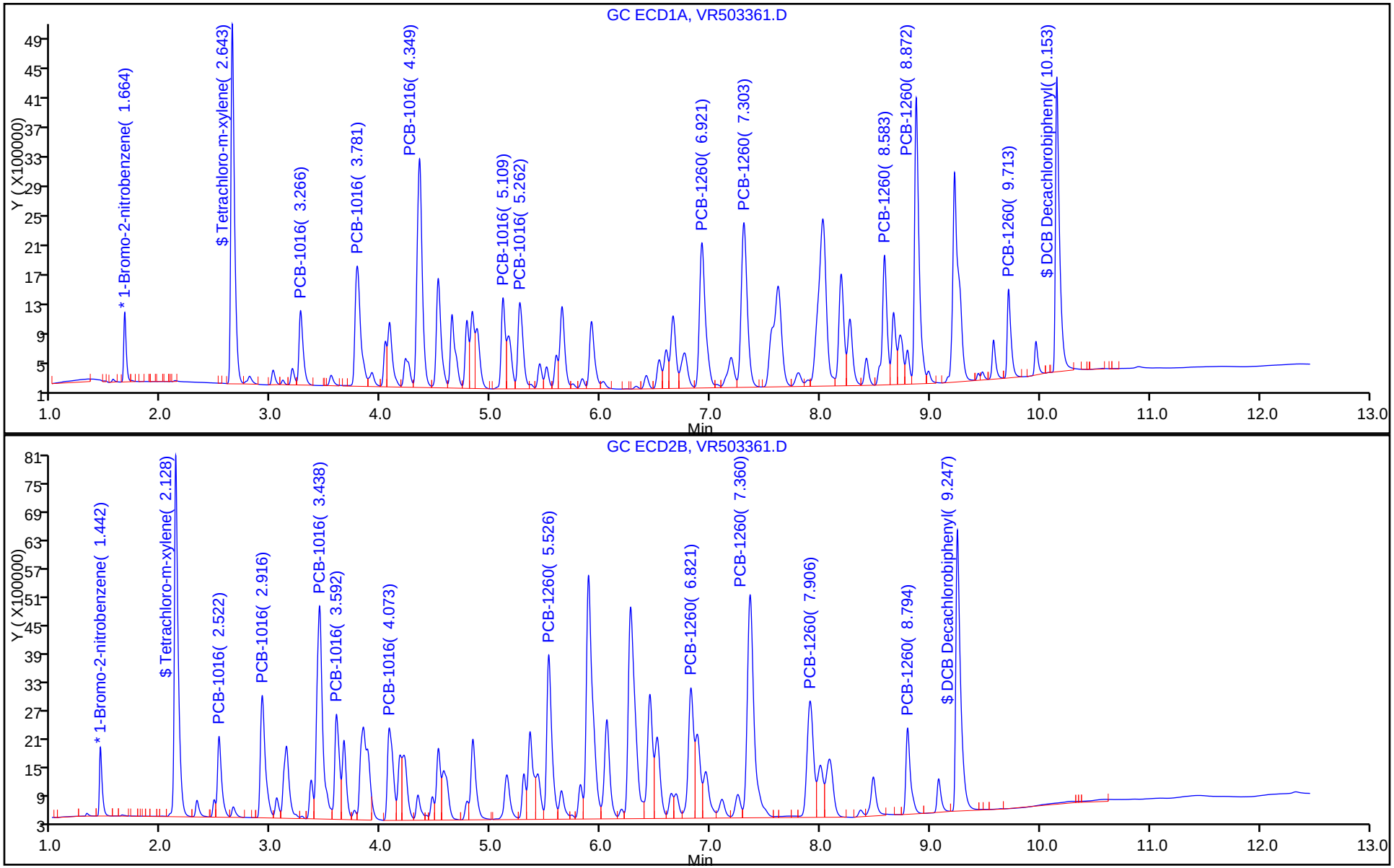
SG1660L4_00019	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 30-Sep-2015 15:34:40 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503361.D

Injection Date:	30-Sep-2015 10:34:54	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC PCB 4			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503362.D
Lims ID: IC PCB 5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 30-Sep-2015 10:50:43 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-006
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:34:43 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 11:18:29

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1384184	20.0	20.0	M
2	1.442	1.442	0.000	2238521	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.643	2.643	0.000	15083208	200.0	235.5	
2	2.128	2.128	0.000	22903125	200.0	210.8	M
						RPD = 11.04	
5 PCB-1016							M
1	3.266	3.266	0.000	4297716	2500.0	2543.2	
1	3.782	3.782	0.000	9097501	2500.0	2551.4	M
1	4.350	4.348	0.002	16309216	2500.0	2660.5	M
1	5.110	5.109	0.001	4793343	2500.0	2465.0	
1	5.262	5.262	0.000	5963139	2500.0	2669.4	
		Average of Peak Amounts =				2577.9	
2	2.522	2.522	0.000	7112324	2500.0	2443.1	M
2	2.916	2.916	0.000	13723523	2500.0	2405.4	M
2	3.438	3.438	0.000	26319305	2500.0	2475.1	M
2	3.592	3.592	0.000	9874688	2500.0	2483.4	M
2	4.073	4.073	0.000	10654631	2500.0	2483.7	
		Average of Peak Amounts =				2458.1	
						RPD = 4.76	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.921	6.920	0.001	11126952	2500.0	2568.5	
1	7.303	7.302	0.001	12929633	2500.0	2598.4	
1	8.584	8.583	0.001	8402219	2500.0	2743.3	
1	8.872	8.872	0.000	17428287	2500.0	2768.9	
1	9.717	9.716	0.001	4539751	2500.0	2728.8	
		Average of Peak Amounts =				2681.6	
2	5.526	5.525	0.001	16859063	2500.0	2430.8	M
2	6.822	6.820	0.002	14221101	2500.0	2526.4	M
2	7.361	7.359	0.002	33435957	2500.0	2556.7	M
2	7.907	7.905	0.002	18559549	2500.0	2913.8	M
2	8.794	8.794	0.000	8775218	2500.0	2660.9	M
		Average of Peak Amounts =				2617.7	
						RPD = 2.41	
$ 11 DCB Decachlorobiphenyl							M
1	10.156	10.156	0.000	13504761	200.0	219.3	M
2	9.249	9.249	0.000	23371758	200.0	203.8	M
						RPD = 7.32	
S 12 Polychlorinated biphenyls, Total							
1						5259.5	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

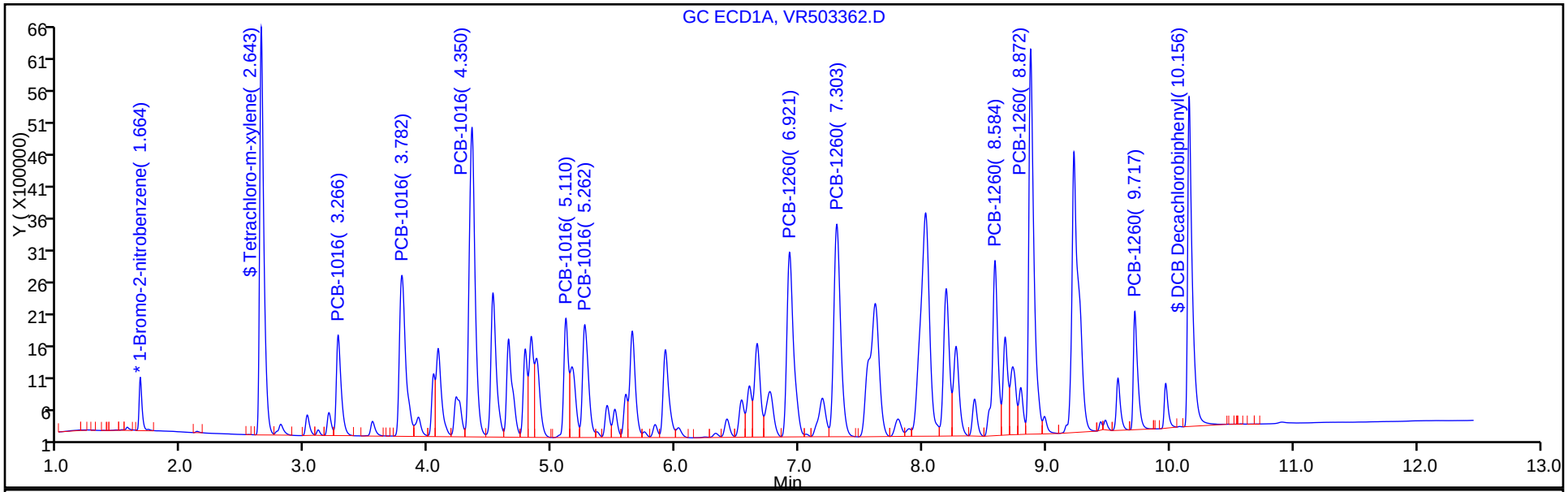
SG1660L5_00019	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

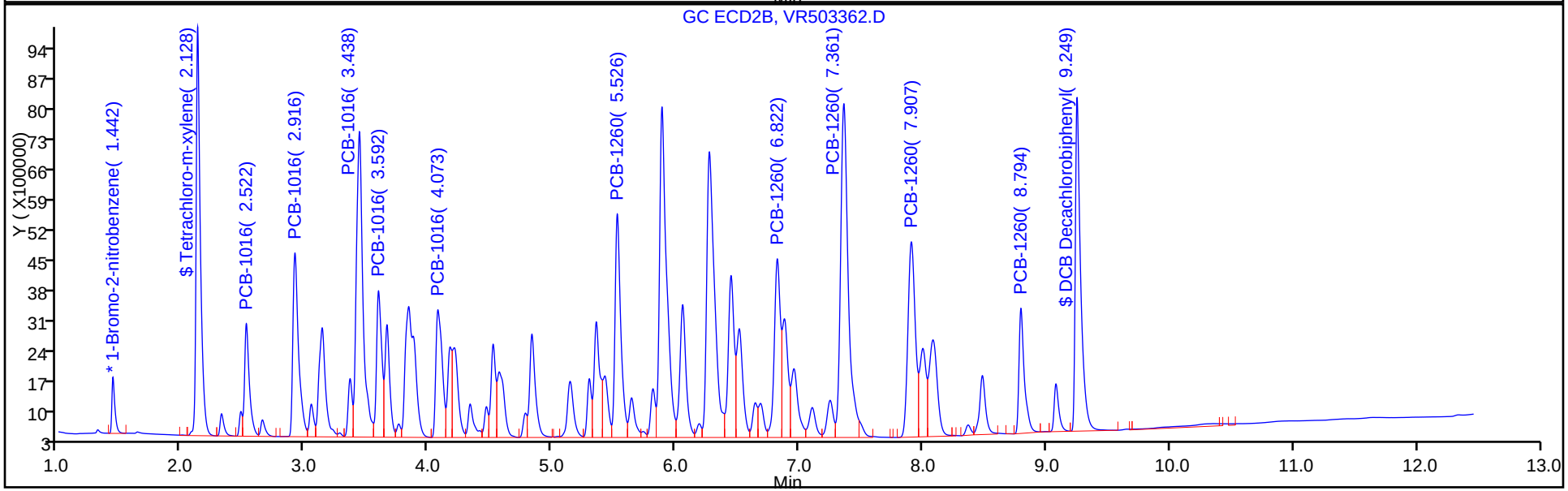
Report Date: 30-Sep-2015 15:34:47 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503362.D

Injection Date:	30-Sep-2015 10:50:43	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC PCB 5			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503364.D
Lims ID: IC PCB 2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 30-Sep-2015 11:22:17 ALS Bottle#: 8 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-008
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:34:55 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 11:42:54

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1947742	20.0	20.0	M
2	1.443	1.442	0.001	2607337	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.643	2.643	0.000	3776015	50.0	41.9	M
2	2.128	2.128	0.000	6366678	50.0	50.3	M
						RPD = 18.28	
5 PCB-1016							M
1	3.266	3.266	0.000	1042454	500.0	438.4	M
1	3.782	3.782	0.000	2293720	500.0	457.2	M
1	4.348	4.348	0.000	3714707	500.0	430.6	M
1	5.109	5.109	0.000	1141175	500.0	417.1	M
1	5.262	5.262	0.000	1314509	500.0	418.2	M
		Average of Peak Amounts =				432.3	
2	2.523	2.522	0.001	1729453	500.0	510.0	M
2	2.916	2.916	0.000	3637777	500.0	547.4	M
2	3.438	3.438	0.000	5998167	500.0	484.3	M
2	3.592	3.592	0.000	2334653	500.0	504.1	M
2	4.073	4.073	0.000	2510572	500.0	502.4	M
		Average of Peak Amounts =				509.7	
						RPD = 16.43	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.920	6.920	0.000	2726157	500.0	447.2	M
1	7.303	7.302	0.001	3073139	500.0	438.9	M
1	8.583	8.583	0.000	1936136	500.0	449.2	M
1	8.873	8.872	0.001	3920205	500.0	442.6	M
1	9.715	9.716	-0.001	1014778	500.0	433.5	M
		Average of Peak Amounts =				442.3	
2	5.526	5.525	0.001	4182662	500.0	517.8	M
2	6.821	6.820	0.001	3557922	500.0	542.7	M
2	7.360	7.359	0.001	7919288	500.0	519.9	M
2	7.906	7.905	0.001	3871752	500.0	521.9	M
2	8.793	8.794	-0.001	2036816	500.0	530.3	M
		Average of Peak Amounts =				526.5	
						RPD = 17.38	
$ 11 DCB Decachlorobiphenyl							M
1	10.154	10.156	-0.002	3925941	50.0	45.3	M
2	9.249	9.249	0.000	7033306	50.0	52.7	M
						RPD = 15.01	
S 12 Polychlorinated biphenyls, Total							
1						874.6	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

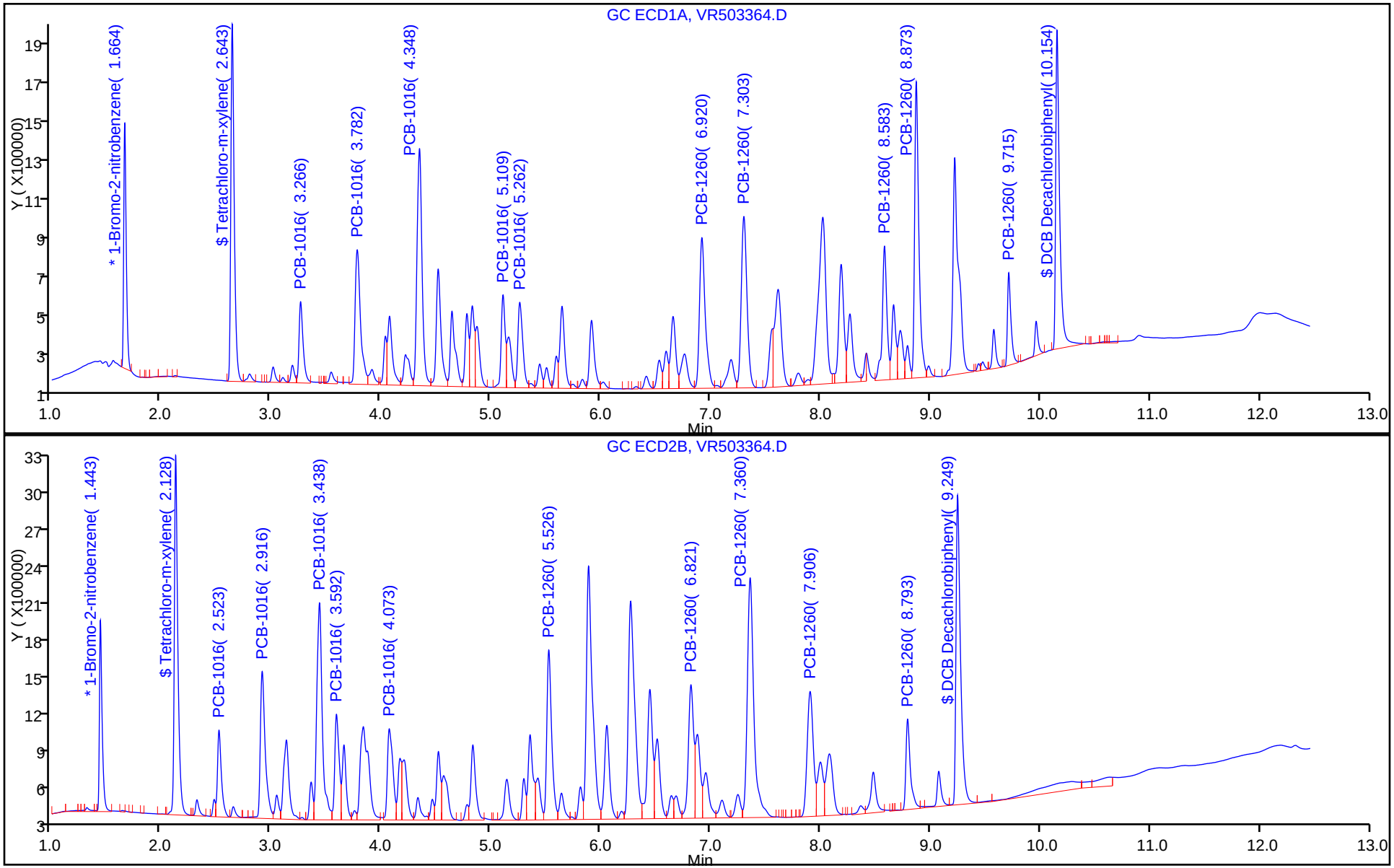
SG1660L2_00020	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 30-Sep-2015 15:34:59 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503364.D

Injection Date:	30-Sep-2015 11:22:17	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC PCB 2			Worklist Smp#:	21
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:01 Calibration End Date: 09/30/2015 12:01 Calibration ID: 52516

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/8	VR503366.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1221 Peak 1	0.0103					Ave		0.0103						20.0			0.9900
PCB-1221 Peak 2	0.0112					Ave		0.0112						20.0			0.9900
PCB-1221 Peak 3	0.0077					Ave		0.0077						20.0			0.9900
PCB-1221 Peak 4	0.0300					Ave		0.0300						20.0			0.9900
PCB-1221 Peak 5	0.0054					Ave		0.0054						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:01 Calibration End Date: 09/30/2015 12:01 Calibration ID: 52516

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/8	VR503366.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1221 Peak 1	BNB	Ave	824339					1000				
PCB-1221 Peak 2	BNB	Ave	895189					1000				
PCB-1221 Peak 3	BNB	Ave	612187					1000				
PCB-1221 Peak 4	BNB	Ave	2388758					1000				
PCB-1221 Peak 5	BNB	Ave	429894					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503366.D
Lims ID: IC 1221
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Sep-2015 12:01:44 ALS Bottle#: 10 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-008
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:35:11 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 15:28:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.662	1.662	0.000	1594106	20.0	20.0	
2	1.440	1.440	0.000	2646897	20.0	20.0	M
						RPD = 0.00	
1 PCB-1221							M
1	2.122	2.122	0.000	824339	1000.0	1000.0	M
1	3.015	3.015	0.000	895189	1000.0	1000.0	M
1	3.190	3.190	0.000	612187	1000.0	1000.0	M
1	3.265	3.265	0.000	2388758	1000.0	1000.0	M
1	3.841	3.841	0.000	429894	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	1.640	1.640	0.000	1232963	1000.0	1000.0	M
2	2.320	2.320	0.000	1438778	1000.0	1000.0	M
2	2.520	2.520	0.000	3914655	1000.0	1000.0	M
2	3.048	3.048	0.000	651614	1000.0	1000.0	M
2	3.435	3.435	0.000	588635	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

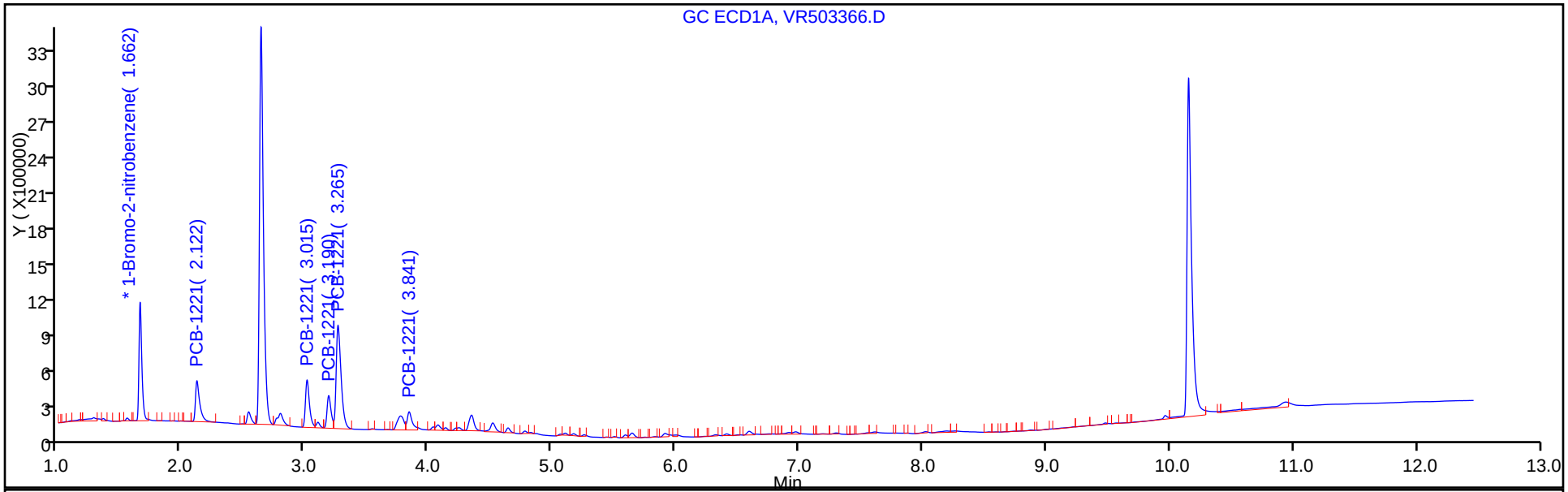
SG1221L3_00023	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

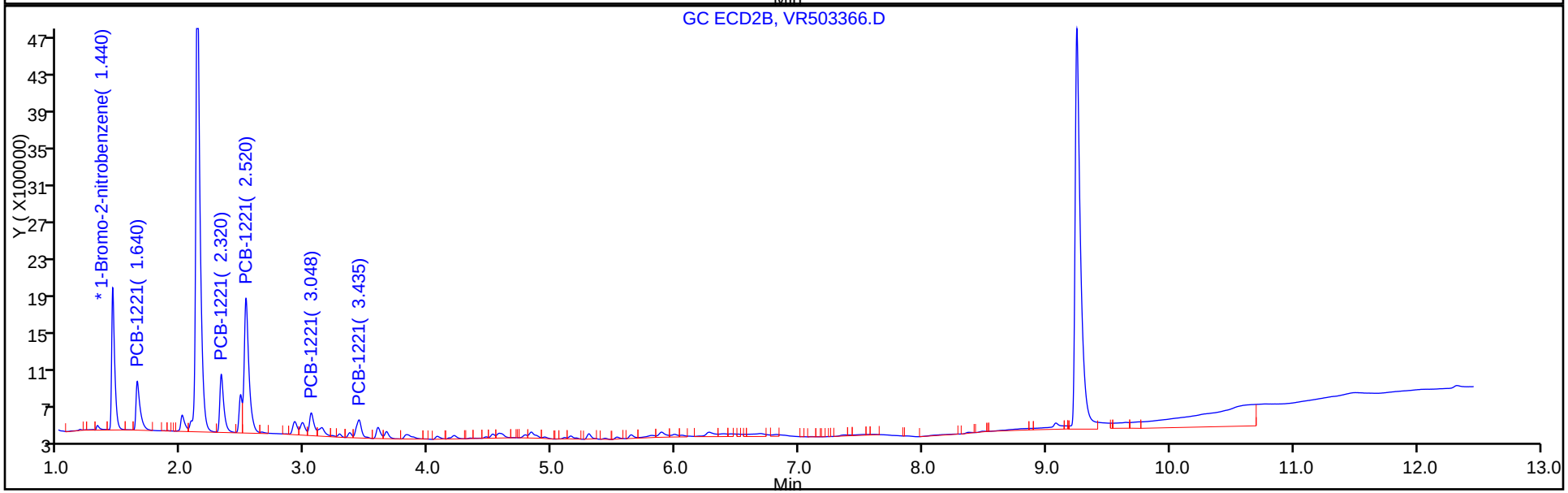
Report Date: 30-Sep-2015 15:35:13 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503366.D

Injection Date:	30-Sep-2015 12:01:44	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC 1221			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:01 Calibration End Date: 09/30/2015 12:01 Calibration ID: 52517

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/8	VR503366.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1221 Peak 1	0.0093					Ave		0.0093						20.0			0.9900
PCB-1221 Peak 2	0.0109					Ave		0.0109						20.0			0.9900
PCB-1221 Peak 3	0.0296					Ave		0.0296						20.0			0.9900
PCB-1221 Peak 4	0.0049					Ave		0.0049						20.0			0.9900
PCB-1221 Peak 5	0.0044					Ave		0.0044						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:01 Calibration End Date: 09/30/2015 12:01 Calibration ID: 52517

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/8	VR503366.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1221 Peak 1	BNB	Ave	1232963					1000				
PCB-1221 Peak 2	BNB	Ave	1438778					1000				
PCB-1221 Peak 3	BNB	Ave	3914655					1000				
PCB-1221 Peak 4	BNB	Ave	651614					1000				
PCB-1221 Peak 5	BNB	Ave	588635					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503366.D
Lims ID: IC 1221
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Sep-2015 12:01:44 ALS Bottle#: 10 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-008
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:35:11 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 15:28:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.662	1.662	0.000	1594106	20.0	20.0	
2	1.440	1.440	0.000	2646897	20.0	20.0	M
						RPD = 0.00	
1 PCB-1221							M
1	2.122	2.122	0.000	824339	1000.0	1000.0	M
1	3.015	3.015	0.000	895189	1000.0	1000.0	M
1	3.190	3.190	0.000	612187	1000.0	1000.0	M
1	3.265	3.265	0.000	2388758	1000.0	1000.0	M
1	3.841	3.841	0.000	429894	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	1.640	1.640	0.000	1232963	1000.0	1000.0	M
2	2.320	2.320	0.000	1438778	1000.0	1000.0	M
2	2.520	2.520	0.000	3914655	1000.0	1000.0	M
2	3.048	3.048	0.000	651614	1000.0	1000.0	M
2	3.435	3.435	0.000	588635	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

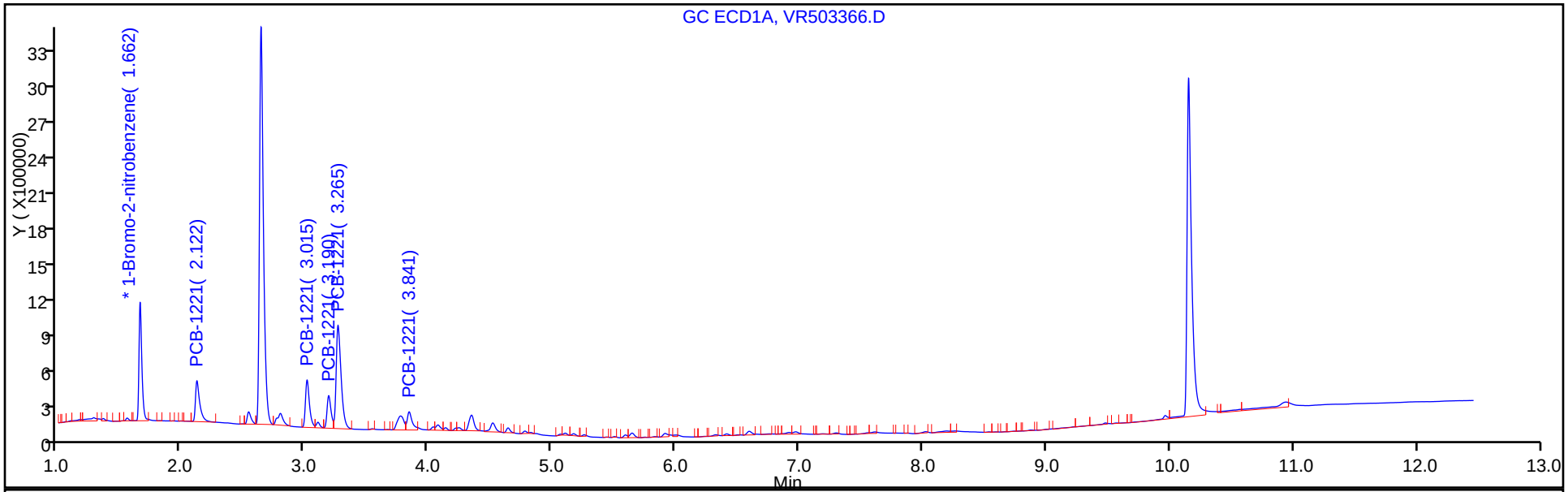
SG1221L3_00023	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

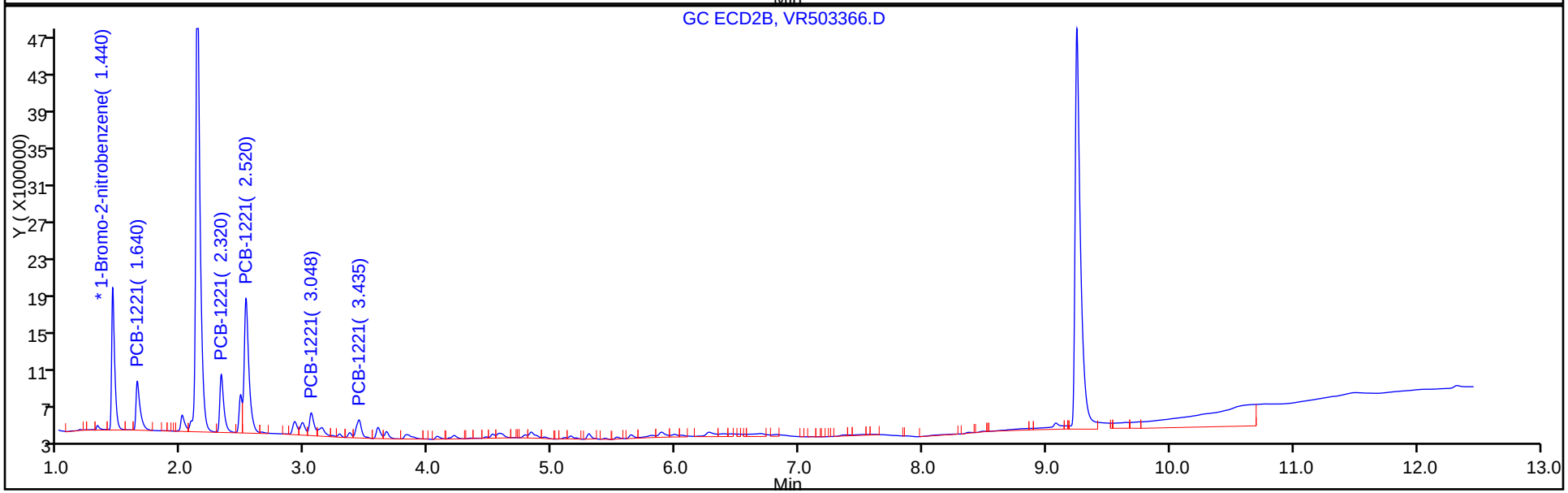
Report Date: 30-Sep-2015 15:35:14 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503366.D

Injection Date:	30-Sep-2015 12:01:44	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC 1221			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:17 Calibration End Date: 09/30/2015 12:17 Calibration ID: 52522

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/9	VR503367.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1232 Peak 1	0.0207					Ave		0.0207						20.0			0.9900
PCB-1232 Peak 2	0.0162					Ave		0.0162						20.0			0.9900
PCB-1232 Peak 3	0.0277					Ave		0.0277						20.0			0.9900
PCB-1232 Peak 4	0.0080					Ave		0.0080						20.0			0.9900
PCB-1232 Peak 5	0.0089					Ave		0.0089						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:17 Calibration End Date: 09/30/2015 12:17 Calibration ID: 52522

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/9	VR503367.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1232 Peak 1	BNB	Ave	2041256					1000				
PCB-1232 Peak 2	BNB	Ave	1595604					1000				
PCB-1232 Peak 3	BNB	Ave	2730933					1000				
PCB-1232 Peak 4	BNB	Ave	785997					1000				
PCB-1232 Peak 5	BNB	Ave	880271					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503367.D
Lims ID: IC 1232
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Sep-2015 12:17:30 ALS Bottle#: 11 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-009
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub3

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:35:16 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 15:28:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.663	1.663	0.000	1969125	20.0	20.0	M
2	1.441	1.441	0.000	2687819	20.0	20.0	M
						RPD = 0.00	
3 PCB-1232							M
1	3.265	3.265	0.000	2041256	1000.0	1000.0	M
1	3.780	3.780	0.000	1595604	1000.0	1000.0	M
1	4.346	4.346	0.000	2730933	1000.0	1000.0	M
1	5.106	5.106	0.000	785997	1000.0	1000.0	M
1	5.259	5.259	0.000	880271	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.521	2.521	0.000	3341882	1000.0	1000.0	M
2	2.915	2.915	0.000	2765679	1000.0	1000.0	M
2	3.436	3.436	0.000	4387161	1000.0	1000.0	M
2	3.591	3.591	0.000	1717494	1000.0	1000.0	M
2	4.071	4.071	0.000	1759308	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

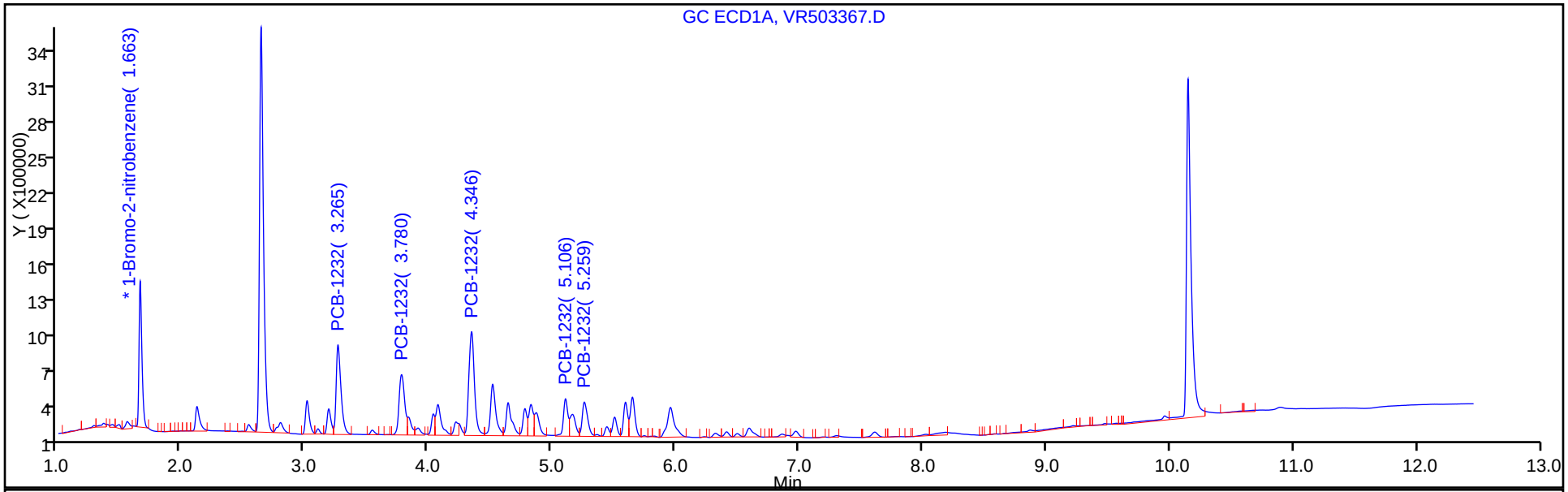
SG1232L3_00022	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

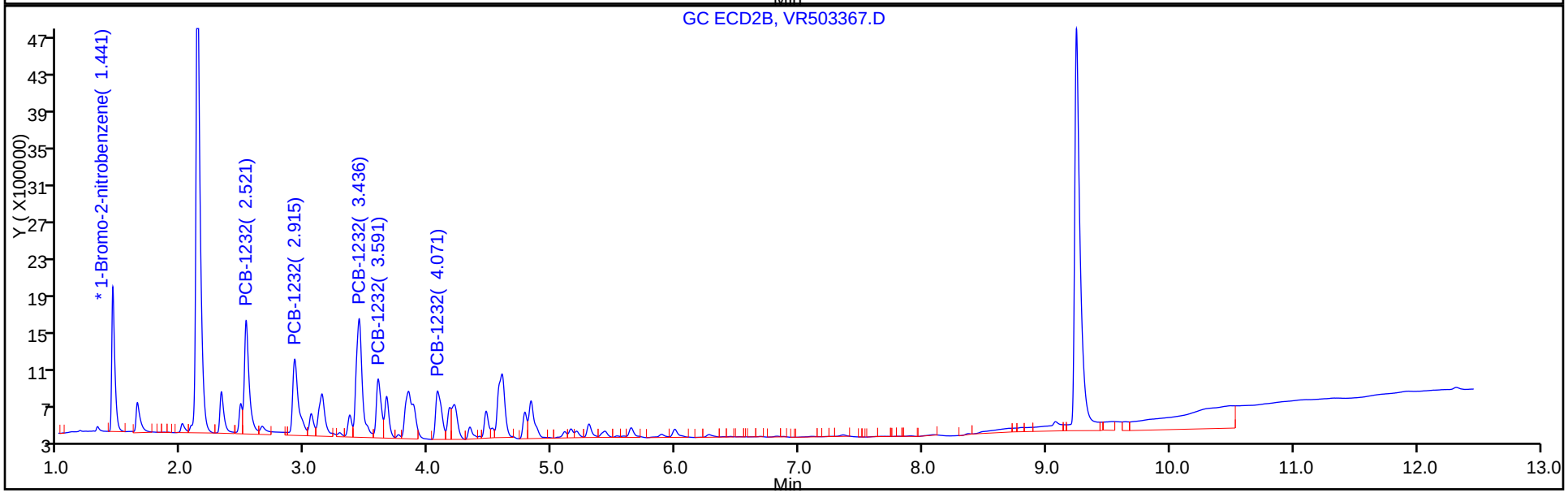
Report Date: 30-Sep-2015 15:35:18 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503367.D

Injection Date:	30-Sep-2015 12:17:30	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC 1232			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:17 Calibration End Date: 09/30/2015 12:17 Calibration ID: 52523

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/9	VR503367.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1232 Peak 1	0.0249					Ave		0.0249						20.0			0.9900
PCB-1232 Peak 2	0.0206					Ave		0.0206						20.0			0.9900
PCB-1232 Peak 3	0.0326					Ave		0.0326						20.0			0.9900
PCB-1232 Peak 4	0.0128					Ave		0.0128						20.0			0.9900
PCB-1232 Peak 5	0.0131					Ave		0.0131						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:17 Calibration End Date: 09/30/2015 12:17 Calibration ID: 52523

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/9	VR503367.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1232 Peak 1	BNB	Ave	3341882					1000				
PCB-1232 Peak 2	BNB	Ave	2765679					1000				
PCB-1232 Peak 3	BNB	Ave	4387161					1000				
PCB-1232 Peak 4	BNB	Ave	1717494					1000				
PCB-1232 Peak 5	BNB	Ave	1759308					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503367.D
Lims ID: IC 1232
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Sep-2015 12:17:30 ALS Bottle#: 11 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-009
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub3

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:35:16 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 15:28:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.663	1.663	0.000	1969125	20.0	20.0	M
2	1.441	1.441	0.000	2687819	20.0	20.0	M
						RPD = 0.00	
3 PCB-1232							M
1	3.265	3.265	0.000	2041256	1000.0	1000.0	M
1	3.780	3.780	0.000	1595604	1000.0	1000.0	M
1	4.346	4.346	0.000	2730933	1000.0	1000.0	M
1	5.106	5.106	0.000	785997	1000.0	1000.0	M
1	5.259	5.259	0.000	880271	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.521	2.521	0.000	3341882	1000.0	1000.0	M
2	2.915	2.915	0.000	2765679	1000.0	1000.0	M
2	3.436	3.436	0.000	4387161	1000.0	1000.0	M
2	3.591	3.591	0.000	1717494	1000.0	1000.0	M
2	4.071	4.071	0.000	1759308	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

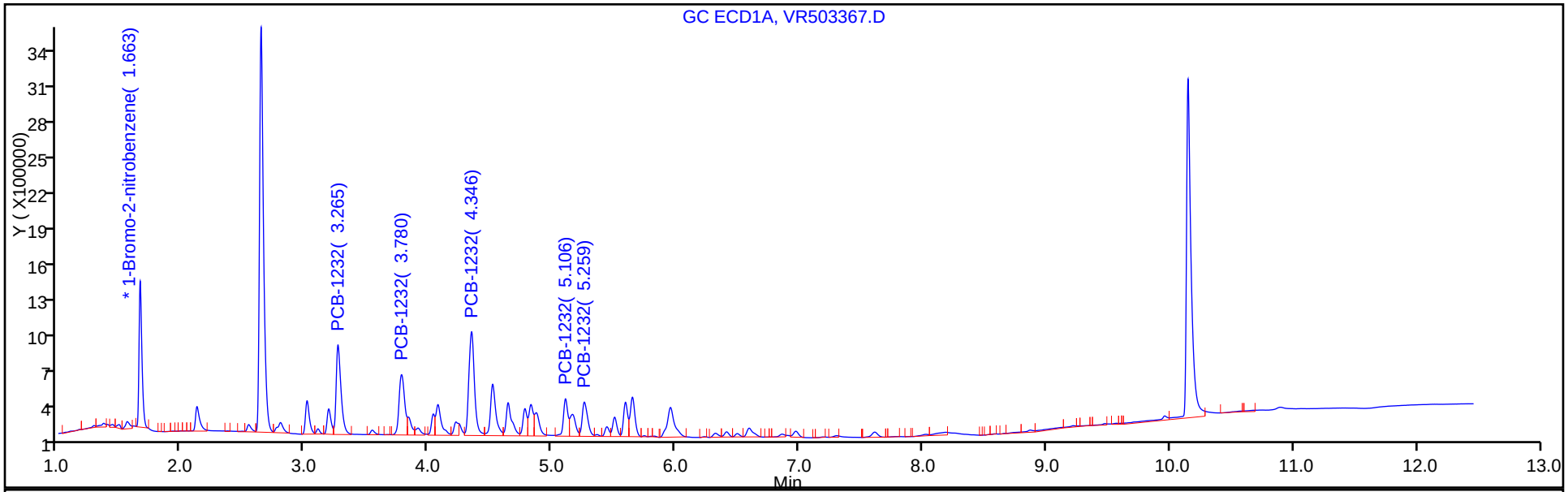
SG1232L3_00022	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

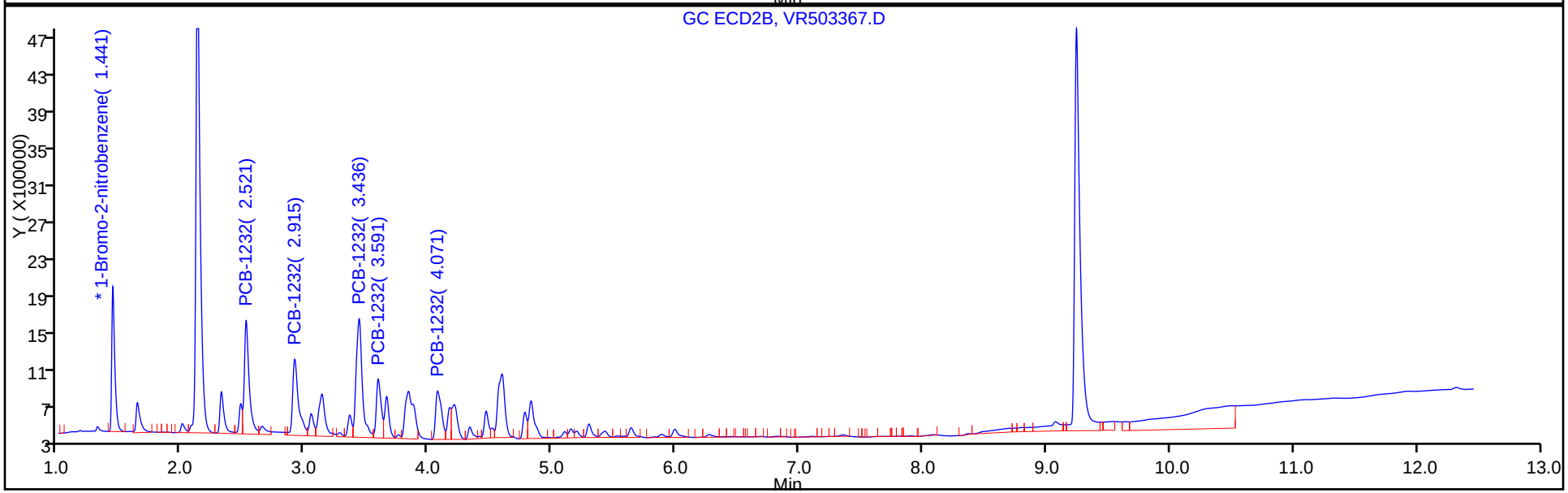
Report Date: 30-Sep-2015 15:35:19 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503367.D

Injection Date:	30-Sep-2015 12:17:30	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC 1232			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:33 Calibration End Date: 09/30/2015 12:33 Calibration ID: 52528

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/10	VR503368.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1242 Peak 1	0.0149					Ave		0.0149						20.0			0.9900
PCB-1242 Peak 2	0.0317					Ave		0.0317						20.0			0.9900
PCB-1242 Peak 3	0.0524					Ave		0.0524						20.0			0.9900
PCB-1242 Peak 4	0.0237					Ave		0.0237						20.0			0.9900
PCB-1242 Peak 5	0.0210					Ave		0.0210						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:33 Calibration End Date: 09/30/2015 12:33 Calibration ID: 52528

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/10	VR503368.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1242 Peak 1	BNB	Ave	1530897					1000				
PCB-1242 Peak 2	BNB	Ave	3263981					1000				
PCB-1242 Peak 3	BNB	Ave	5390283					1000				
PCB-1242 Peak 4	BNB	Ave	2438022					1000				
PCB-1242 Peak 5	BNB	Ave	2155996					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503368.D
Lims ID: IC 1242
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Sep-2015 12:33:17 ALS Bottle#: 12 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-010
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:35:21 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 15:27:33

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.663	1.663	0.000	2056482	20.0	20.0	M
2	1.442	1.442	0.000	3061042	20.0	20.0	M
						RPD = 0.00	
4 PCB-1242							M
1	3.265	3.265	0.000	1530897	1000.0	1000.0	M
1	3.781	3.781	0.000	3263981	1000.0	1000.0	M
1	4.348	4.348	0.000	5390283	1000.0	1000.0	M
1	4.519	4.519	0.000	2438022	1000.0	1000.0	M
1	5.650	5.650	0.000	2155996	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.523	2.523	0.000	2428345	1000.0	1000.0	M
2	2.916	2.916	0.000	4878855	1000.0	1000.0	M
2	3.438	3.438	0.000	9803732	1000.0	1000.0	M
2	3.592	3.592	0.000	3707179	1000.0	1000.0	M
2	4.073	4.073	0.000	4013065	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

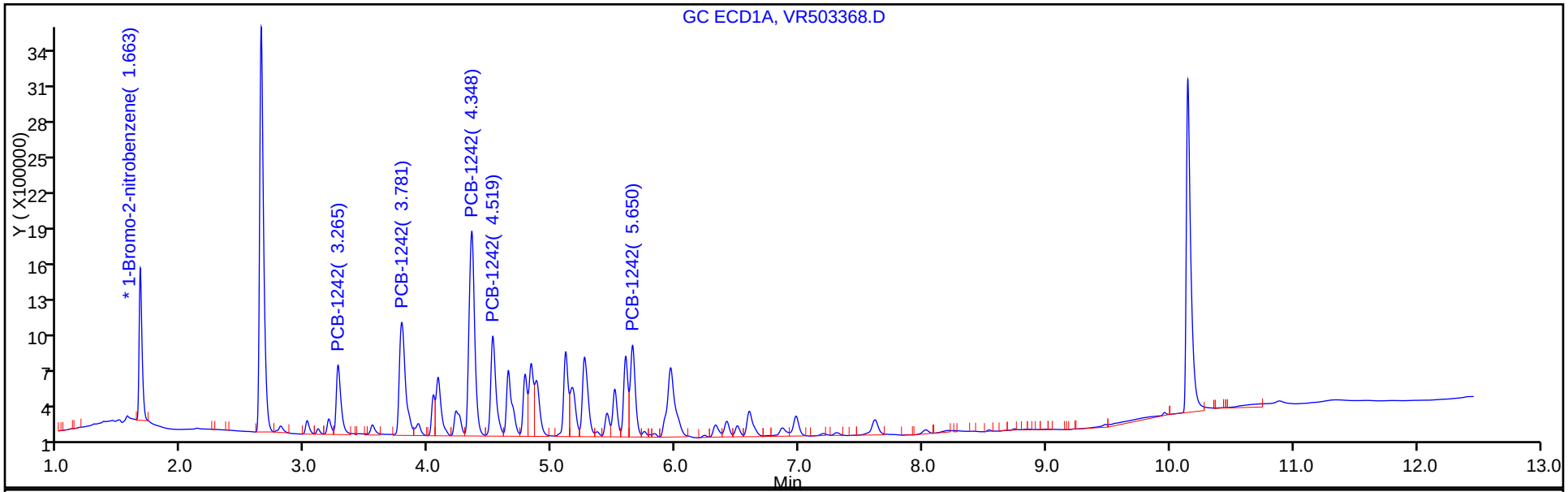
SG1242L3_00024	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

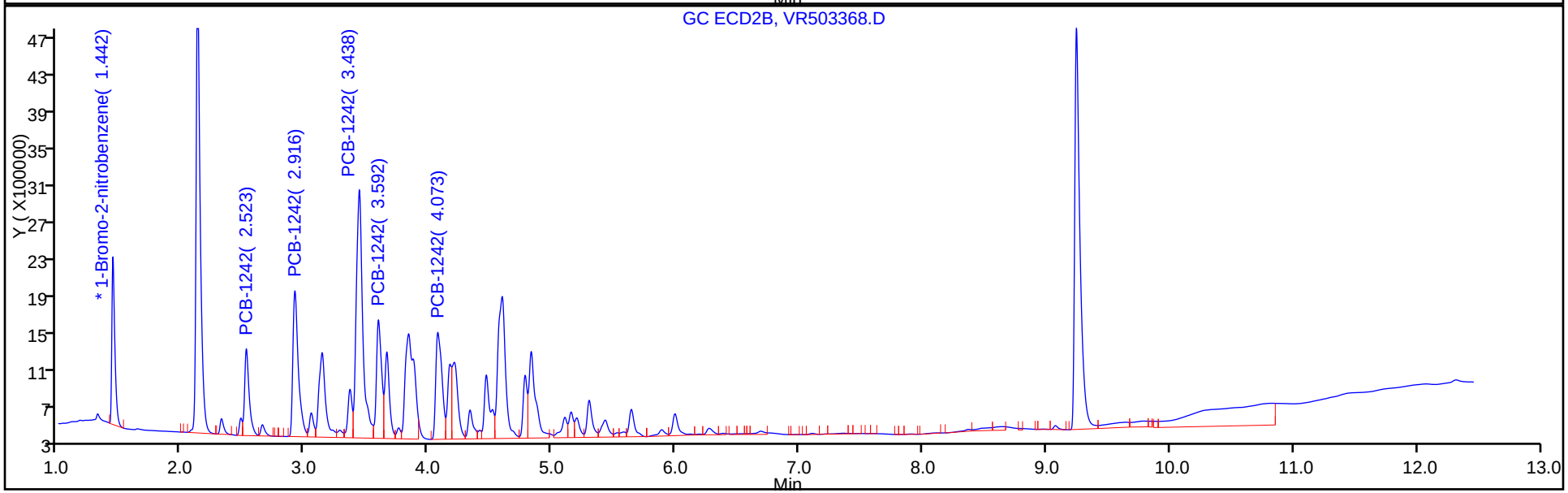
Report Date: 30-Sep-2015 15:35:23 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503368.D

Injection Date:	30-Sep-2015 12:33:17	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC 1242			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:33 Calibration End Date: 09/30/2015 12:33 Calibration ID: 52529

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/10	VR503368.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1242 Peak 1	0.0159					Ave		0.0159						20.0			0.9900
PCB-1242 Peak 2	0.0319					Ave		0.0319						20.0			0.9900
PCB-1242 Peak 3	0.0641					Ave		0.0641						20.0			0.9900
PCB-1242 Peak 4	0.0242					Ave		0.0242						20.0			0.9900
PCB-1242 Peak 5	0.0262					Ave		0.0262						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:33 Calibration End Date: 09/30/2015 12:33 Calibration ID: 52529

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/10	VR503368.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1242 Peak 1	BNB	Ave	2428345					1000				
PCB-1242 Peak 2	BNB	Ave	4878855					1000				
PCB-1242 Peak 3	BNB	Ave	9803732					1000				
PCB-1242 Peak 4	BNB	Ave	3707179					1000				
PCB-1242 Peak 5	BNB	Ave	4013065					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503368.D
Lims ID: IC 1242
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Sep-2015 12:33:17 ALS Bottle#: 12 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-010
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:35:21 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 15:27:33

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.663	1.663	0.000	2056482	20.0	20.0	M
2	1.442	1.442	0.000	3061042	20.0	20.0	M
						RPD = 0.00	
4 PCB-1242							M
1	3.265	3.265	0.000	1530897	1000.0	1000.0	M
1	3.781	3.781	0.000	3263981	1000.0	1000.0	M
1	4.348	4.348	0.000	5390283	1000.0	1000.0	M
1	4.519	4.519	0.000	2438022	1000.0	1000.0	M
1	5.650	5.650	0.000	2155996	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.523	2.523	0.000	2428345	1000.0	1000.0	M
2	2.916	2.916	0.000	4878855	1000.0	1000.0	M
2	3.438	3.438	0.000	9803732	1000.0	1000.0	M
2	3.592	3.592	0.000	3707179	1000.0	1000.0	M
2	4.073	4.073	0.000	4013065	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

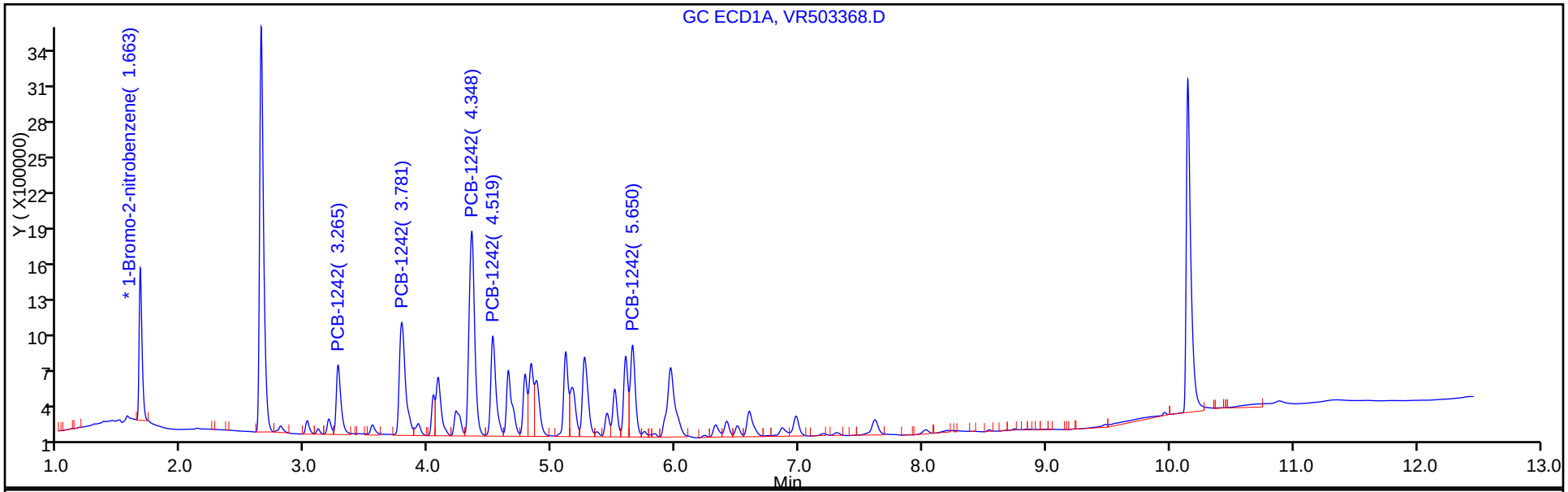
SG1242L3_00024	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

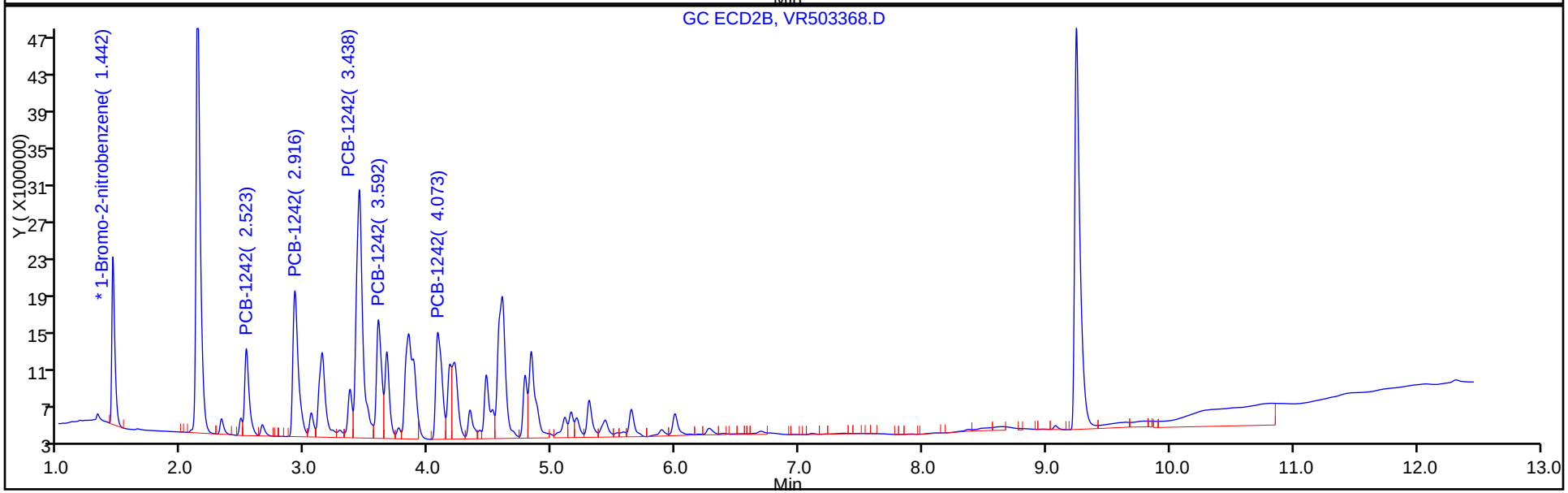
Report Date: 30-Sep-2015 15:35:23 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503368.D

Injection Date:	30-Sep-2015 12:33:17	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC 1242			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:49 Calibration End Date: 09/30/2015 12:49 Calibration ID: 52534

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/11	VR503369.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1248 Peak 1	0.0206					Ave		0.0206						20.0			0.9900
PCB-1248 Peak 2	0.0419					Ave		0.0419						20.0			0.9900
PCB-1248 Peak 3	0.0243					Ave		0.0243						20.0			0.9900
PCB-1248 Peak 4	0.0328					Ave		0.0328						20.0			0.9900
PCB-1248 Peak 5	0.0453					Ave		0.0453						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:49 Calibration End Date: 09/30/2015 12:49 Calibration ID: 52534

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/11	VR503369.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1248 Peak 1	BNB	Ave	1702321					1000				
PCB-1248 Peak 2	BNB	Ave	3462458					1000				
PCB-1248 Peak 3	BNB	Ave	2006006					1000				
PCB-1248 Peak 4	BNB	Ave	2704744					1000				
PCB-1248 Peak 5	BNB	Ave	3743370					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503369.D
Lims ID: IC 1248
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Sep-2015 12:49:04 ALS Bottle#: 13 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-011
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:35:26 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 15:26:56

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1651362	20.0	20.0	M
2	1.442	1.442	0.000	3270324	20.0	20.0	M
						RPD = 0.00	
6 PCB-1248							M
1	3.778	3.778	0.000	1702321	1000.0	1000.0	
1	4.347	4.347	0.000	3462458	1000.0	1000.0	
1	4.780	4.780	0.000	2006006	1000.0	1000.0	
1	5.595	5.595	0.000	2704744	1000.0	1000.0	
1	5.650	5.650	0.000	3743370	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	2.914	2.914	0.000	2537591	1000.0	1000.0	
2	3.437	3.437	0.000	5458760	1000.0	1000.0	M
2	4.072	4.072	0.000	5419835	1000.0	1000.0	
2	4.593	4.593	0.000	10208130	1000.0	1000.0	
2	4.831	4.831	0.000	6188765	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

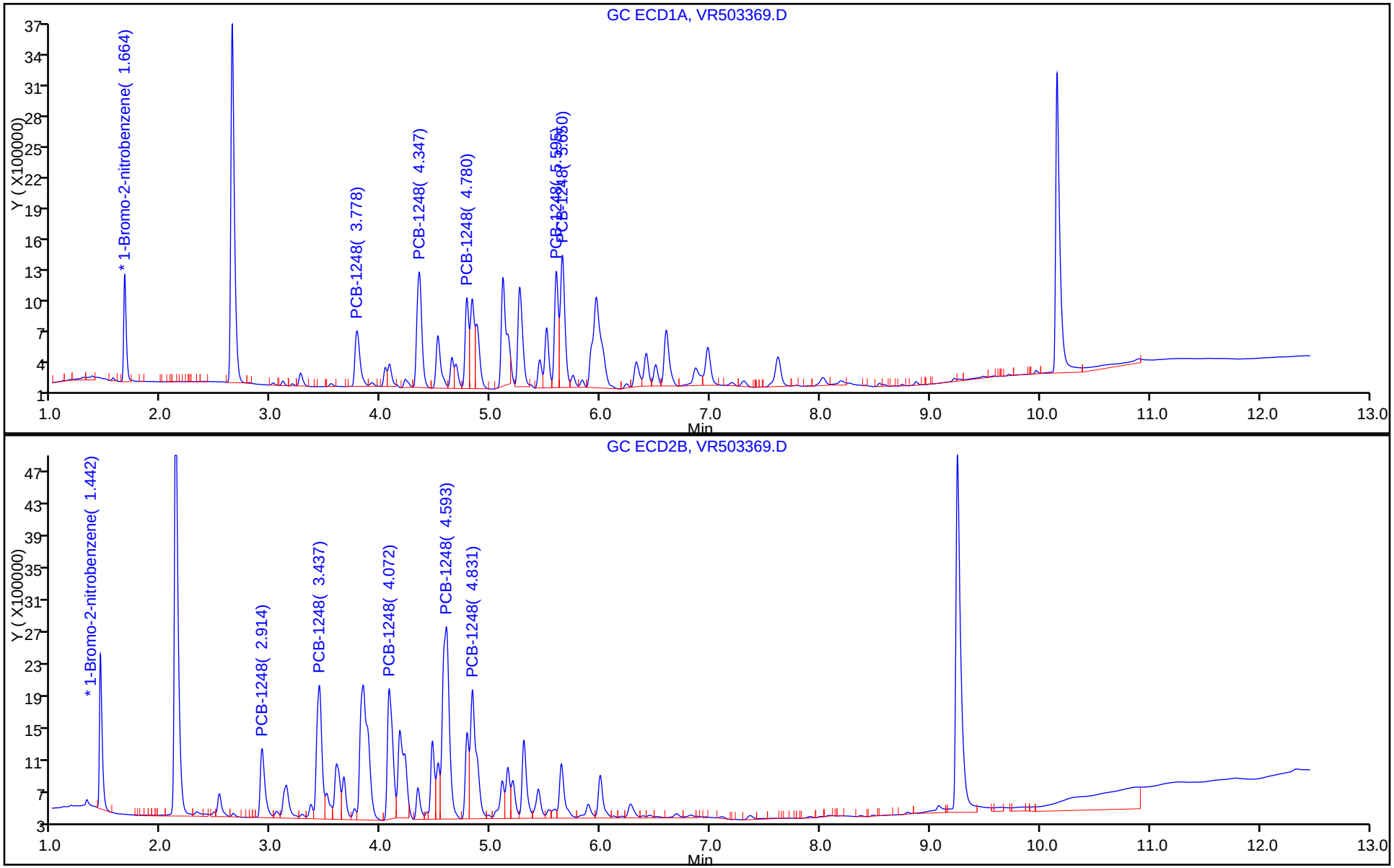
SG1248L3_00023	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 30-Sep-2015 15:35:29 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503369.D

Injection Date:	30-Sep-2015 12:49:04	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC 1248			Worklist Smp#:	11
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:49 Calibration End Date: 09/30/2015 12:49 Calibration ID: 52535

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/11	VR503369.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1248 Peak 1	0.0155					Ave		0.0155						20.0			0.9900
PCB-1248 Peak 2	0.0334					Ave		0.0334						20.0			0.9900
PCB-1248 Peak 3	0.0331					Ave		0.0331						20.0			0.9900
PCB-1248 Peak 4	0.0624					Ave		0.0624						20.0			0.9900
PCB-1248 Peak 5	0.0378					Ave		0.0378						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:49 Calibration End Date: 09/30/2015 12:49 Calibration ID: 52535

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/11	VR503369.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1248 Peak 1	BNB	Ave	2537591					1000				
PCB-1248 Peak 2	BNB	Ave	5458760					1000				
PCB-1248 Peak 3	BNB	Ave	5419835					1000				
PCB-1248 Peak 4	BNB	Ave	10208130					1000				
PCB-1248 Peak 5	BNB	Ave	6188765					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503369.D
Lims ID: IC 1248
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Sep-2015 12:49:04 ALS Bottle#: 13 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-011
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:35:26 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 15:26:56

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1651362	20.0	20.0	M
2	1.442	1.442	0.000	3270324	20.0	20.0	M
						RPD = 0.00	
6 PCB-1248							M
1	3.778	3.778	0.000	1702321	1000.0	1000.0	
1	4.347	4.347	0.000	3462458	1000.0	1000.0	
1	4.780	4.780	0.000	2006006	1000.0	1000.0	
1	5.595	5.595	0.000	2704744	1000.0	1000.0	
1	5.650	5.650	0.000	3743370	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	2.914	2.914	0.000	2537591	1000.0	1000.0	
2	3.437	3.437	0.000	5458760	1000.0	1000.0	M
2	4.072	4.072	0.000	5419835	1000.0	1000.0	
2	4.593	4.593	0.000	10208130	1000.0	1000.0	
2	4.831	4.831	0.000	6188765	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

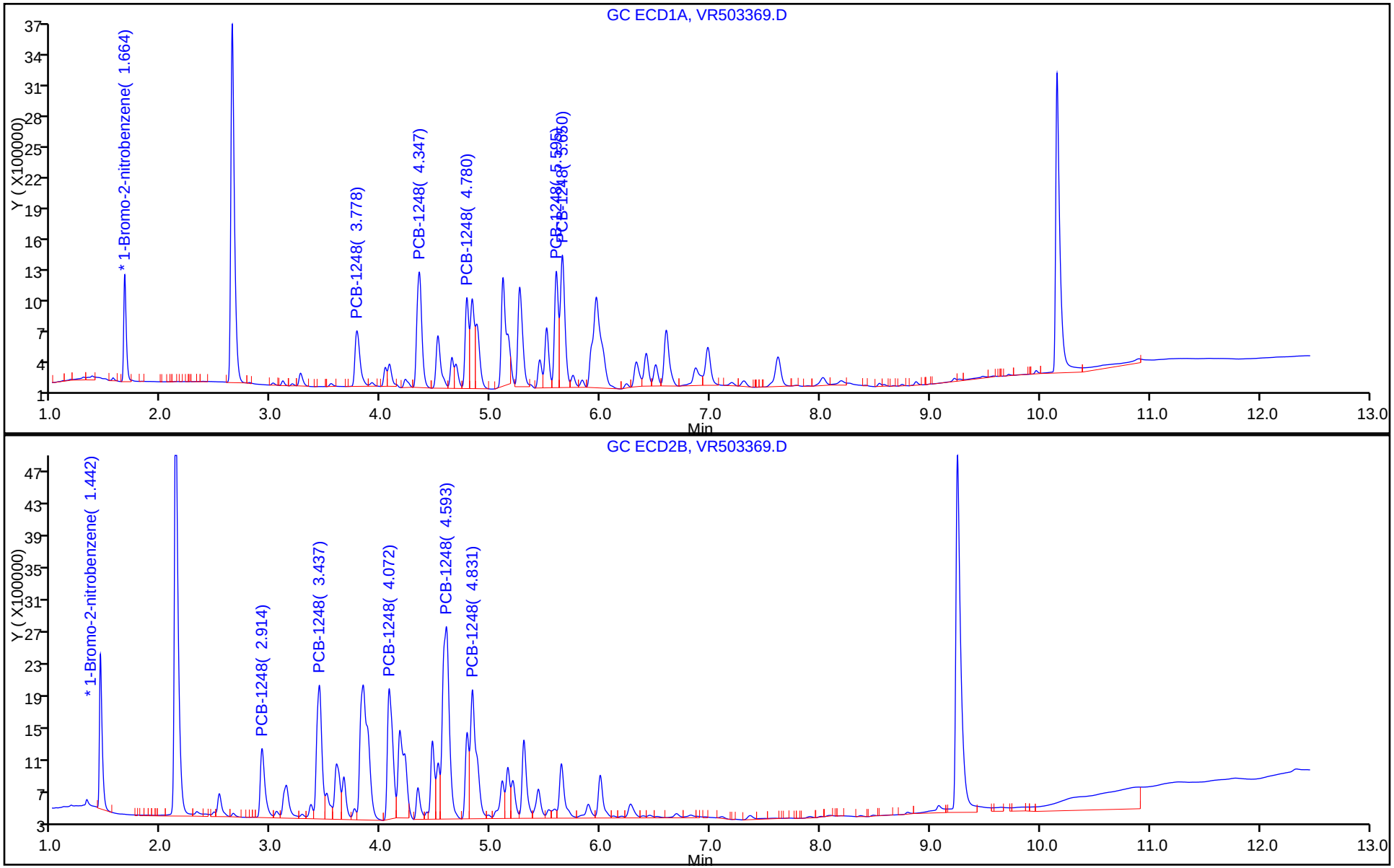
SG1248L3_00023	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 30-Sep-2015 15:35:30 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503369.D

Injection Date:	30-Sep-2015 12:49:04	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC 1248			Worklist Smp#:	11
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 13:04 Calibration End Date: 09/30/2015 13:04 Calibration ID: 52540

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/12	VR503370.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1254 Peak 1	0.0448					Ave		0.0448						20.0			0.9900
PCB-1254 Peak 2	0.0490					Ave		0.0490						20.0			0.9900
PCB-1254 Peak 3	0.0346					Ave		0.0346						20.0			0.9900
PCB-1254 Peak 4	0.0736					Ave		0.0736						20.0			0.9900
PCB-1254 Peak 5	0.0676					Ave		0.0676						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 13:04 Calibration End Date: 09/30/2015 13:04 Calibration ID: 52540

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/12	VR503370.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1254 Peak 1	BNB	Ave	3860571					1000				
PCB-1254 Peak 2	BNB	Ave	4216294					1000				
PCB-1254 Peak 3	BNB	Ave	2981711					1000				
PCB-1254 Peak 4	BNB	Ave	6336916					1000				
PCB-1254 Peak 5	BNB	Ave	5818339					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503370.D
Lims ID: IC 1254
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Sep-2015 13:04:50 ALS Bottle#: 14 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-012
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:35:33 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 15:26:30

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1721804	20.0	20.0	
2	1.443	1.443	0.000	2728410	20.0	20.0	M
						RPD = 0.00	
7 PCB-1254							M
1	5.645	5.645	0.000	3860571	1000.0	1000.0	M
1	5.915	5.915	0.000	4216294	1000.0	1000.0	M
1	6.415	6.415	0.000	2981711	1000.0	1000.0	M
1	6.597	6.597	0.000	6336916	1000.0	1000.0	M
1	8.024	8.024	0.000	5818339	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	5.154	5.154	0.000	5017042	1000.0	1000.0	M
2	5.300	5.300	0.000	9041499	1000.0	1000.0	M
2	5.642	5.642	0.000	7694116	1000.0	1000.0	M
2	5.888	5.888	0.000	6782396	1000.0	1000.0	M
2	6.273	6.273	0.000	9107385	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

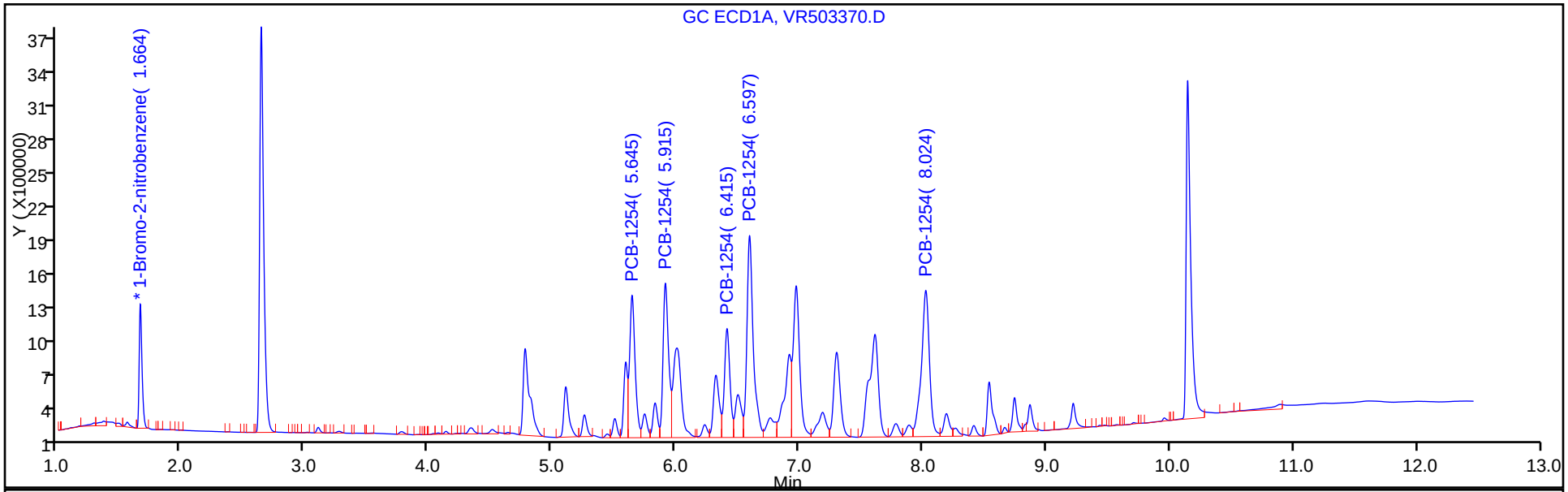
SG1254L3_00025	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

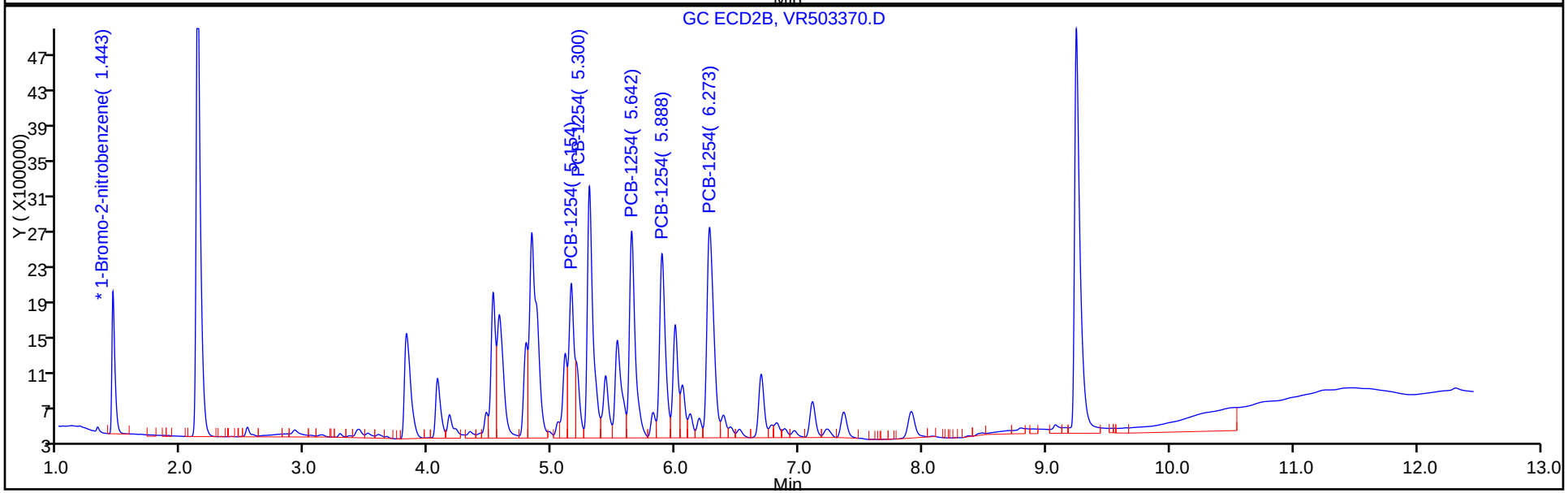
Report Date: 30-Sep-2015 15:35:35 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503370.D

Injection Date:	30-Sep-2015 13:04:50	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC 1254			Worklist Smp#:	12
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 13:04 Calibration End Date: 09/30/2015 13:04 Calibration ID: 52541

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/12	VR503370.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1254 Peak 1	0.0368					Ave		0.0368						20.0			0.9900
PCB-1254 Peak 2	0.0663					Ave		0.0663						20.0			0.9900
PCB-1254 Peak 3	0.0564					Ave		0.0564						20.0			0.9900
PCB-1254 Peak 4	0.0497					Ave		0.0497						20.0			0.9900
PCB-1254 Peak 5	0.0668					Ave		0.0668						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 13:04 Calibration End Date: 09/30/2015 13:04 Calibration ID: 52541

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/12	VR503370.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1254 Peak 1	BNB	Ave	5017042					1000				
PCB-1254 Peak 2	BNB	Ave	9041499					1000				
PCB-1254 Peak 3	BNB	Ave	7694116					1000				
PCB-1254 Peak 4	BNB	Ave	6782396					1000				
PCB-1254 Peak 5	BNB	Ave	9107385					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503370.D
Lims ID: IC 1254
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Sep-2015 13:04:50 ALS Bottle#: 14 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-012
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:35:33 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 15:26:30

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1721804	20.0	20.0	
2	1.443	1.443	0.000	2728410	20.0	20.0	M
						RPD = 0.00	
7 PCB-1254							M
1	5.645	5.645	0.000	3860571	1000.0	1000.0	M
1	5.915	5.915	0.000	4216294	1000.0	1000.0	M
1	6.415	6.415	0.000	2981711	1000.0	1000.0	M
1	6.597	6.597	0.000	6336916	1000.0	1000.0	M
1	8.024	8.024	0.000	5818339	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	5.154	5.154	0.000	5017042	1000.0	1000.0	M
2	5.300	5.300	0.000	9041499	1000.0	1000.0	M
2	5.642	5.642	0.000	7694116	1000.0	1000.0	M
2	5.888	5.888	0.000	6782396	1000.0	1000.0	M
2	6.273	6.273	0.000	9107385	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

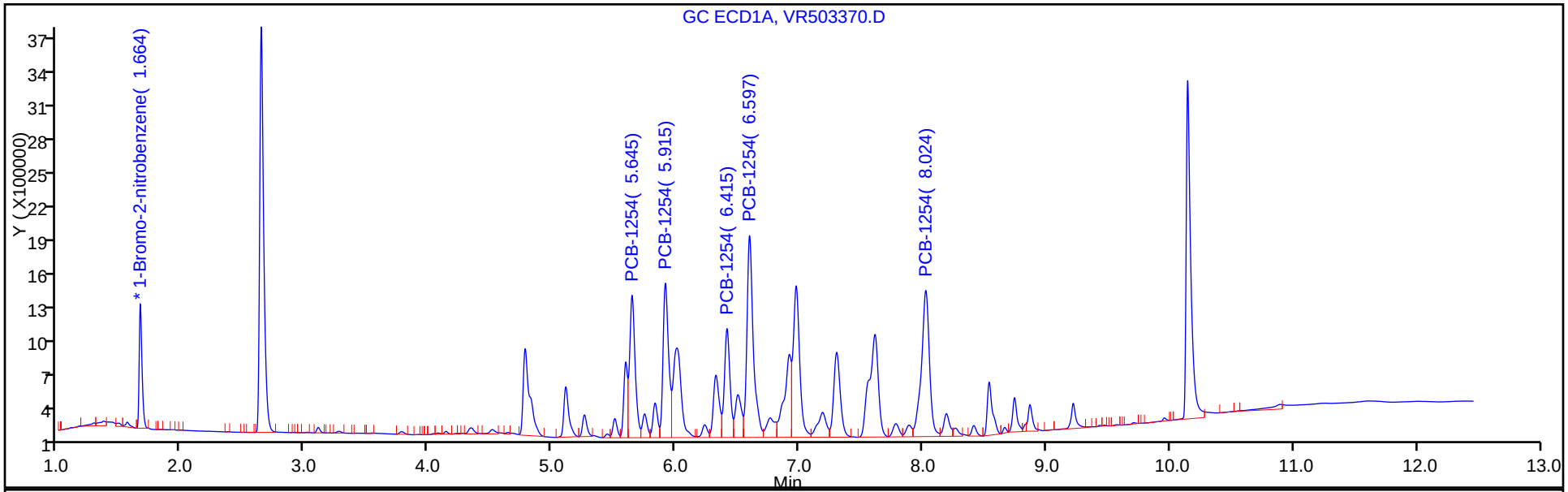
SG1254L3_00025	Amount Added:	1.00	Units: mL	
SGPCBISTD_00003	Amount Added:	20.00	Units: uL	Run Reagent

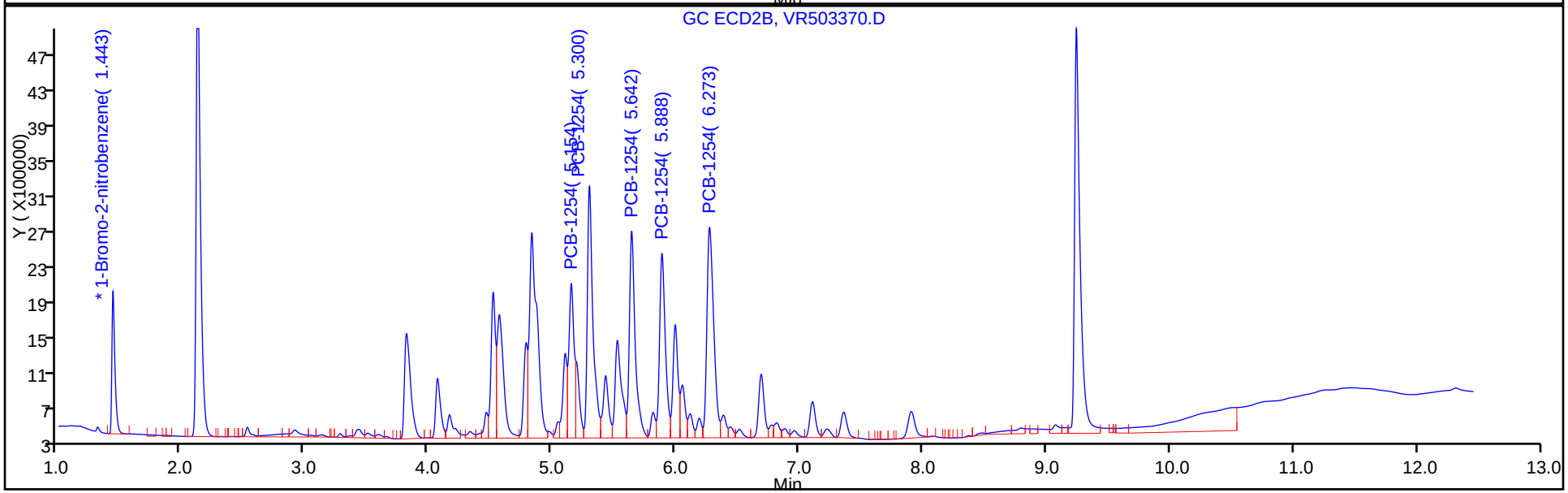
Report Date: 30-Sep-2015 15:35:36 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503370.D

Injection Date:	30-Sep-2015 13:04:50	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC 1254			Worklist Smp#:	12
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 13:20 Calibration End Date: 09/30/2015 13:20 Calibration ID: 52546

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/13	VR503371.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1262 Peak 1	0.0444					Ave		0.0444						20.0			0.9900
PCB-1262 Peak 2	0.0520					Ave		0.0520						20.0			0.9900
PCB-1262 Peak 3	0.0638					Ave		0.0638						20.0			0.9900
PCB-1262 Peak 4	0.0621					Ave		0.0621						20.0			0.9900
PCB-1262 Peak 5	0.0398					Ave		0.0398						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 13:20 Calibration End Date: 09/30/2015 13:20 Calibration ID: 52546

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/13	VR503371.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1262 Peak 1	BNB	Ave	3657228					1000				
PCB-1262 Peak 2	BNB	Ave	4279239					1000				
PCB-1262 Peak 3	BNB	Ave	5252441					1000				
PCB-1262 Peak 4	BNB	Ave	5109250					1000				
PCB-1262 Peak 5	BNB	Ave	3277569					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503371.D
Lims ID: IC 1262
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Sep-2015 13:20:38 ALS Bottle#: 15 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-013
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub7

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:35:37 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 15:25:30

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1645701	20.0	20.0	M
2	1.442	1.442	0.000	3118334	20.0	20.0	M
						RPD = 0.00	
9 PCB-1262							M
1	6.921	6.921	0.000	3657228	1000.0	1000.0	
1	7.303	7.303	0.000	4279239	1000.0	1000.0	
1	8.190	8.190	0.000	5252441	1000.0	1000.0	M
1	9.212	9.212	0.000	5109250	1000.0	1000.0	M
1	9.697	9.697	0.000	3277569	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	5.527	5.527	0.000	5890880	1000.0	1000.0	M
2	6.448	6.448	0.000	8943110	1000.0	1000.0	M
2	7.906	7.906	0.000	5143406	1000.0	1000.0	M
2	8.081	8.081	0.000	7418165	1000.0	1000.0	M
2	8.790	8.790	0.000	5970778	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

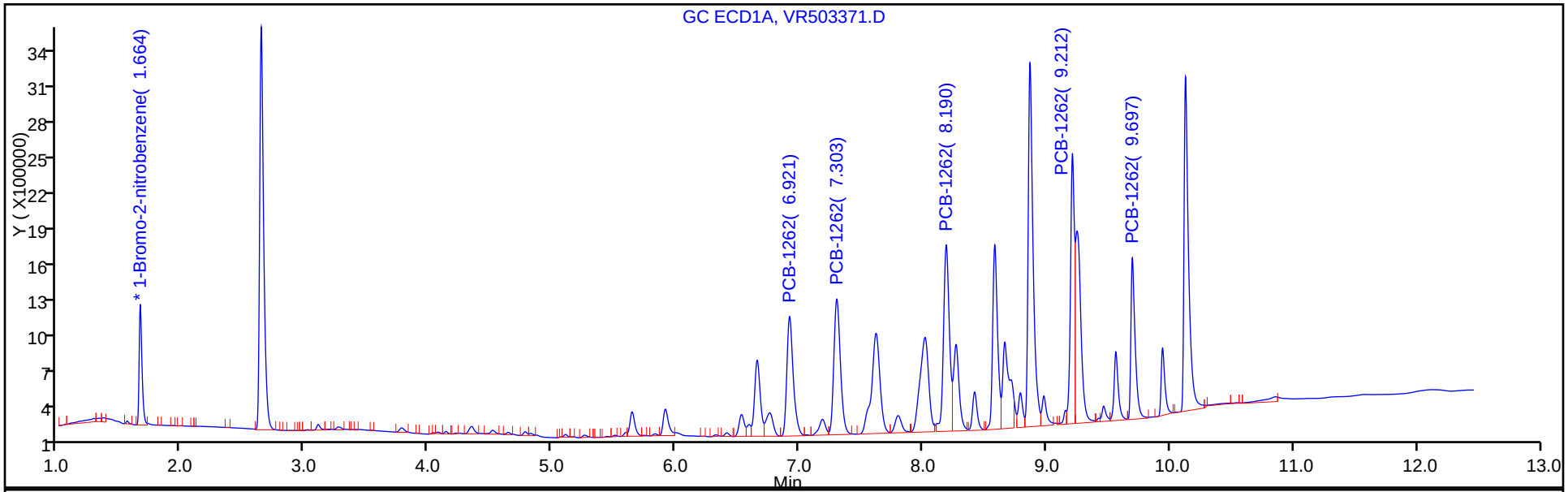
SG1262L3_00021	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

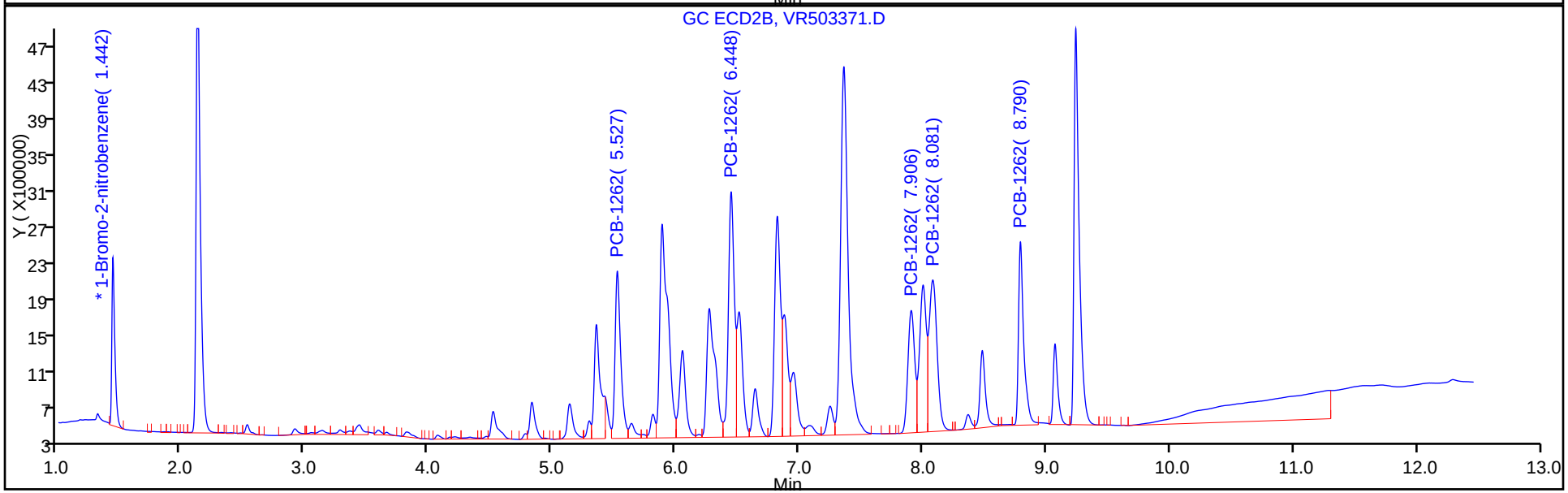
Report Date: 30-Sep-2015 15:35:41 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503371.D

Injection Date:	30-Sep-2015 13:20:38	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC 1262			Worklist Smp#:	13
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 13:20 Calibration End Date: 09/30/2015 13:20 Calibration ID: 52547

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/13	VR503371.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1262 Peak 1	0.0378					Ave		0.0378						20.0			0.9900
PCB-1262 Peak 2	0.0574					Ave		0.0574						20.0			0.9900
PCB-1262 Peak 3	0.0330					Ave		0.0330						20.0			0.9900
PCB-1262 Peak 4	0.0476					Ave		0.0476						20.0			0.9900
PCB-1262 Peak 5	0.0383					Ave		0.0383						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 13:20 Calibration End Date: 09/30/2015 13:20 Calibration ID: 52547

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/13	VR503371.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1262 Peak 1	BNB	Ave	5890880					1000				
PCB-1262 Peak 2	BNB	Ave	8943110					1000				
PCB-1262 Peak 3	BNB	Ave	5143406					1000				
PCB-1262 Peak 4	BNB	Ave	7418165					1000				
PCB-1262 Peak 5	BNB	Ave	5970778					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503371.D
Lims ID: IC 1262
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Sep-2015 13:20:38 ALS Bottle#: 15 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-013
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub7

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:35:37 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 15:25:30

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1645701	20.0	20.0	M
2	1.442	1.442	0.000	3118334	20.0	20.0	M
						RPD = 0.00	
9 PCB-1262							M
1	6.921	6.921	0.000	3657228	1000.0	1000.0	
1	7.303	7.303	0.000	4279239	1000.0	1000.0	
1	8.190	8.190	0.000	5252441	1000.0	1000.0	M
1	9.212	9.212	0.000	5109250	1000.0	1000.0	M
1	9.697	9.697	0.000	3277569	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	5.527	5.527	0.000	5890880	1000.0	1000.0	M
2	6.448	6.448	0.000	8943110	1000.0	1000.0	M
2	7.906	7.906	0.000	5143406	1000.0	1000.0	M
2	8.081	8.081	0.000	7418165	1000.0	1000.0	M
2	8.790	8.790	0.000	5970778	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

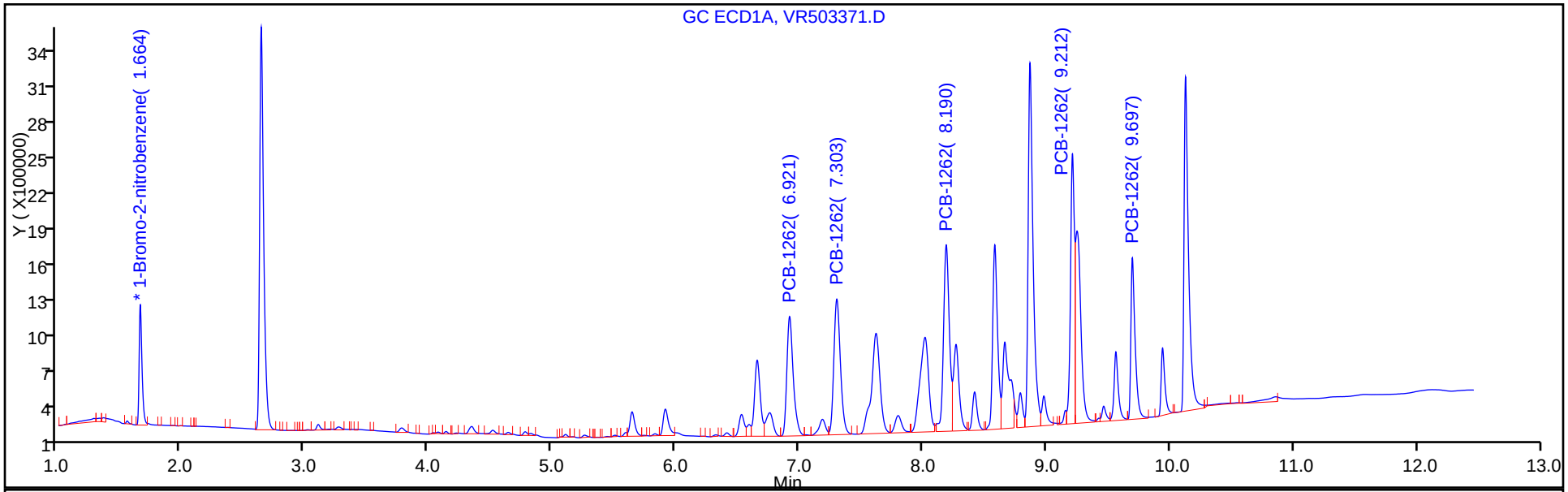
SG1262L3_00021	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

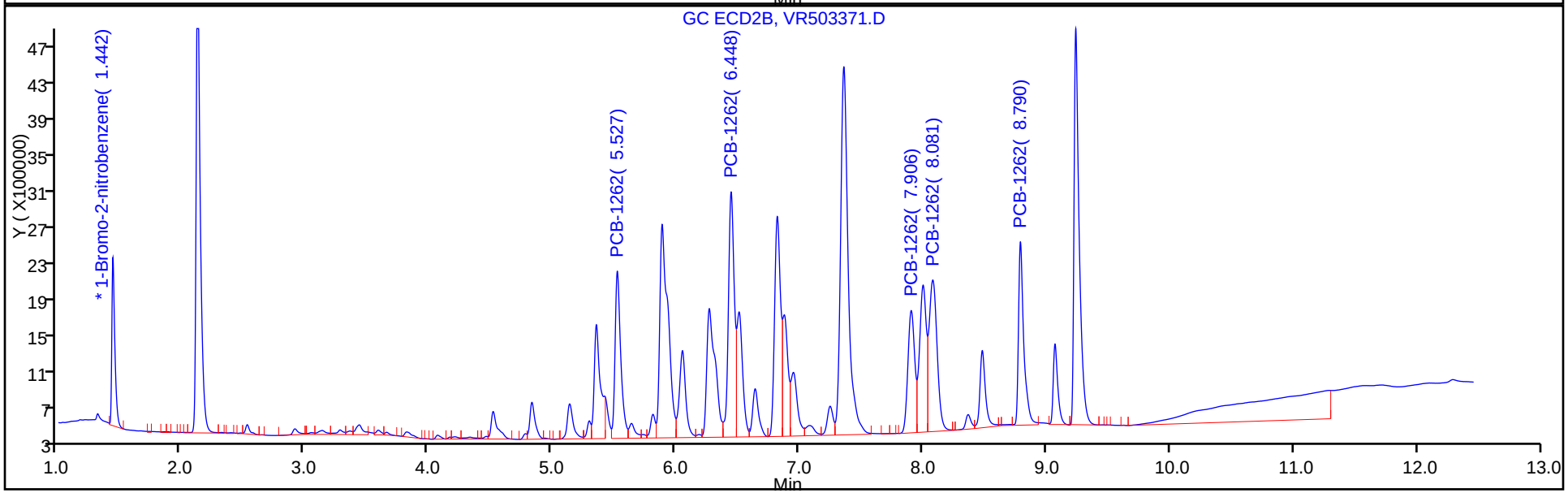
Report Date: 30-Sep-2015 15:35:41 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503371.D

Injection Date:	30-Sep-2015 13:20:38	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC 1262			Worklist Smp#:	13
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 13:36 Calibration End Date: 09/30/2015 13:36 Calibration ID: 52552

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/14	VR503372.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1268 Peak 1	0.0888					Ave		0.0888						20.0			0.9900
PCB-1268 Peak 2	0.1522					Ave		0.1522						20.0			0.9900
PCB-1268 Peak 3	0.0971					Ave		0.0971						20.0			0.9900
PCB-1268 Peak 4	0.0432					Ave		0.0432						20.0			0.9900
PCB-1268 Peak 5	0.3024					Ave		0.3024						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 13:36 Calibration End Date: 09/30/2015 13:36 Calibration ID: 52552

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/14	VR503372.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1268 Peak 1	BNB	Ave	7074941					1000				
PCB-1268 Peak 2	BNB	Ave	12132679					1000				
PCB-1268 Peak 3	BNB	Ave	7738025					1000				
PCB-1268 Peak 4	BNB	Ave	3440394					1000				
PCB-1268 Peak 5	BNB	Ave	24106251					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D
Lims ID: IC 1268
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Sep-2015 13:36:26 ALS Bottle#: 16 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-014
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub8

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:35:44 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 15:24:46

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1594212	20.0	20.0	M
2	1.442	1.442	0.000	3177885	20.0	20.0	M
						RPD = 0.00	
10 PCB-1268							
1	9.212	9.212	0.000	7074941	1000.0	1000.0	a
1	9.250	9.250	0.000	12132679	1000.0	1000.0	a
1	9.469	9.469	0.000	7738025	1000.0	1000.0	
1	9.700	9.700	0.000	3440394	1000.0	1000.0	
1	9.947	9.947	0.000	24106251	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	8.002	8.002	0.000	18532756	1000.0	1000.0	
2	8.070	8.070	0.000	21887720	1000.0	1000.0	
2	8.367	8.367	0.000	15540296	1000.0	1000.0	
2	8.791	8.791	0.000	7021637	1000.0	1000.0	a
2	9.072	9.072	0.000	42062876	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

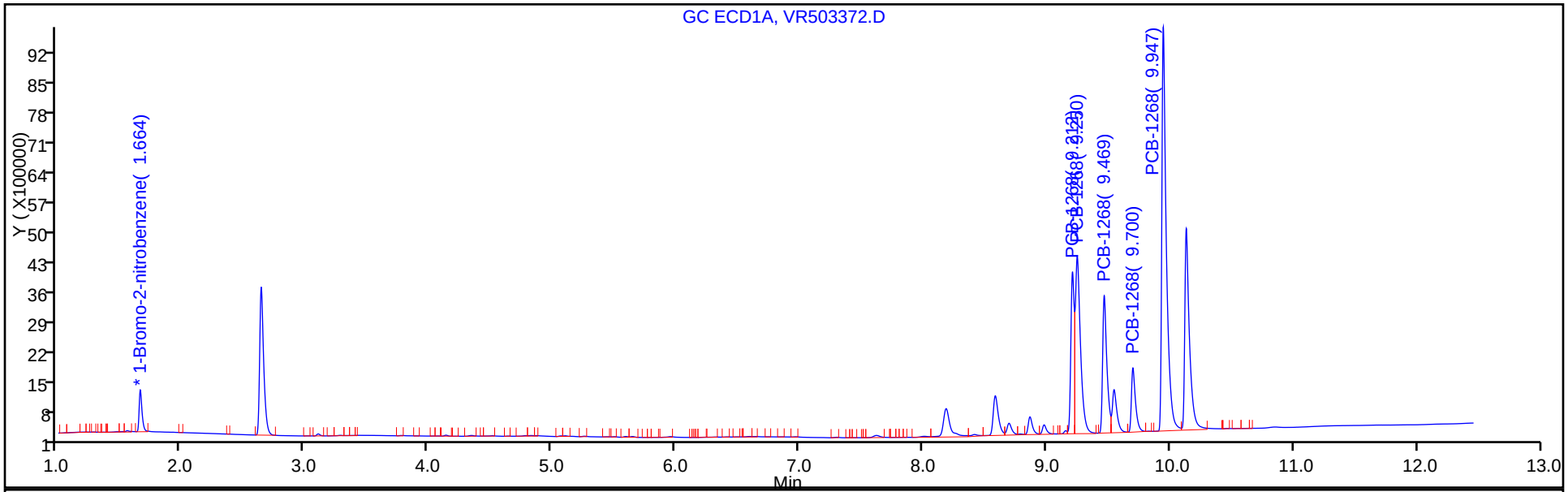
SG1268L3_00022	Amount Added:	1.00	Units: mL	
SGPCBISTD_00003	Amount Added:	20.00	Units: uL	Run Reagent

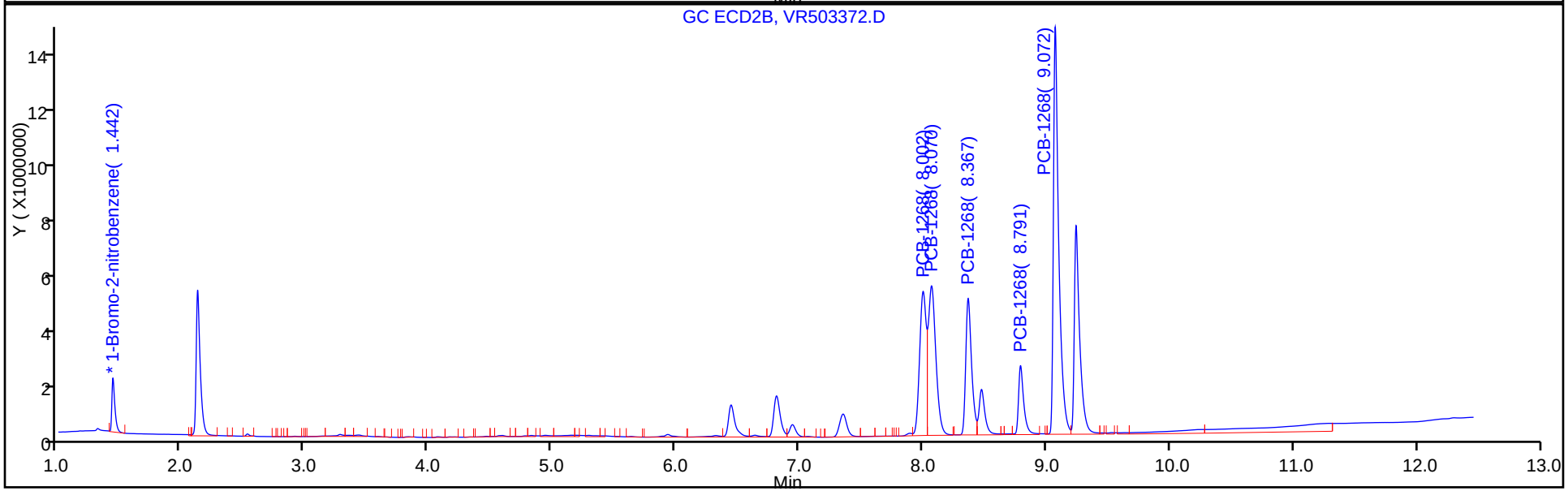
Report Date: 30-Sep-2015 15:35:46 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Injection Date:	30-Sep-2015 13:36:26	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC 1268			Worklist Smp#:	14
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 13:36 Calibration End Date: 09/30/2015 13:36 Calibration ID: 52553

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/14	VR503372.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1268 Peak 1	0.1166					Ave		0.1166						20.0			0.9900
PCB-1268 Peak 2	0.1378					Ave		0.1378						20.0			0.9900
PCB-1268 Peak 3	0.0978					Ave		0.0978						20.0			0.9900
PCB-1268 Peak 4	0.0442					Ave		0.0442						20.0			0.9900
PCB-1268 Peak 5	0.2647					Ave		0.2647						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 13:36 Calibration End Date: 09/30/2015 13:36 Calibration ID: 52553

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/14	VR503372.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1268 Peak 1	BNB	Ave	18532756					1000				
PCB-1268 Peak 2	BNB	Ave	21887720					1000				
PCB-1268 Peak 3	BNB	Ave	15540296					1000				
PCB-1268 Peak 4	BNB	Ave	7021637					1000				
PCB-1268 Peak 5	BNB	Ave	42062876					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D
Lims ID: IC 1268
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Sep-2015 13:36:26 ALS Bottle#: 16 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-014
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub8

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:35:44 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 15:24:46

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1594212	20.0	20.0	M
2	1.442	1.442	0.000	3177885	20.0	20.0	M
						RPD = 0.00	
10 PCB-1268							
1	9.212	9.212	0.000	7074941	1000.0	1000.0	a
1	9.250	9.250	0.000	12132679	1000.0	1000.0	a
1	9.469	9.469	0.000	7738025	1000.0	1000.0	
1	9.700	9.700	0.000	3440394	1000.0	1000.0	
1	9.947	9.947	0.000	24106251	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	8.002	8.002	0.000	18532756	1000.0	1000.0	
2	8.070	8.070	0.000	21887720	1000.0	1000.0	
2	8.367	8.367	0.000	15540296	1000.0	1000.0	
2	8.791	8.791	0.000	7021637	1000.0	1000.0	a
2	9.072	9.072	0.000	42062876	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

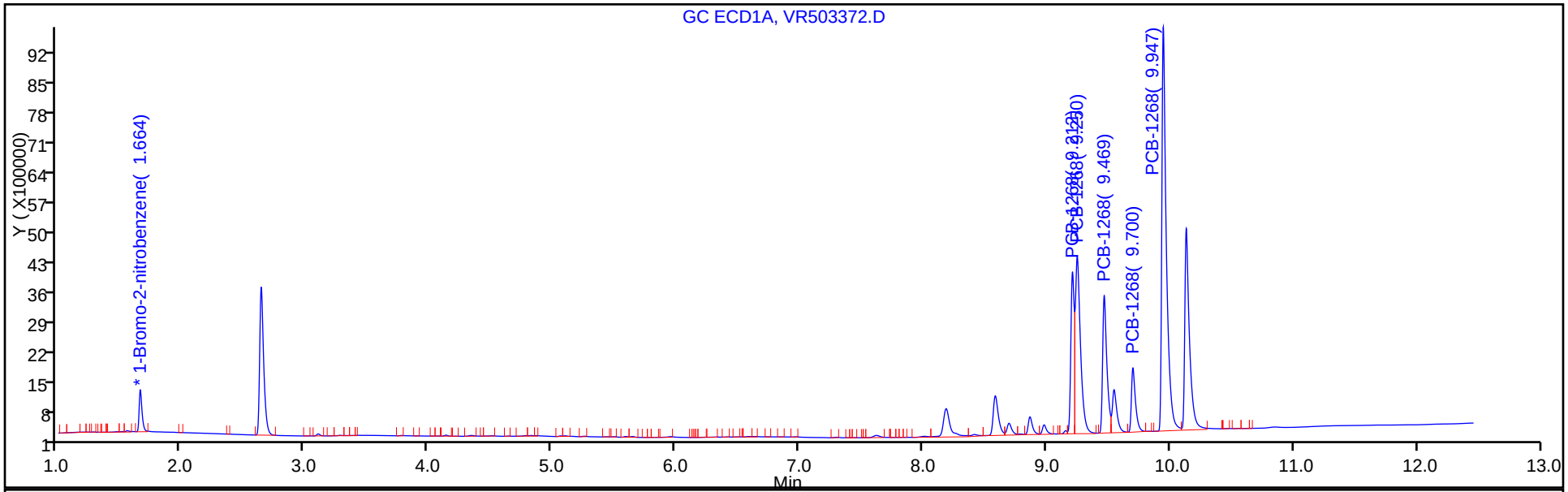
SG1268L3_00022	Amount Added:	1.00	Units: mL	
SGPCBISTD_00003	Amount Added:	20.00	Units: uL	Run Reagent

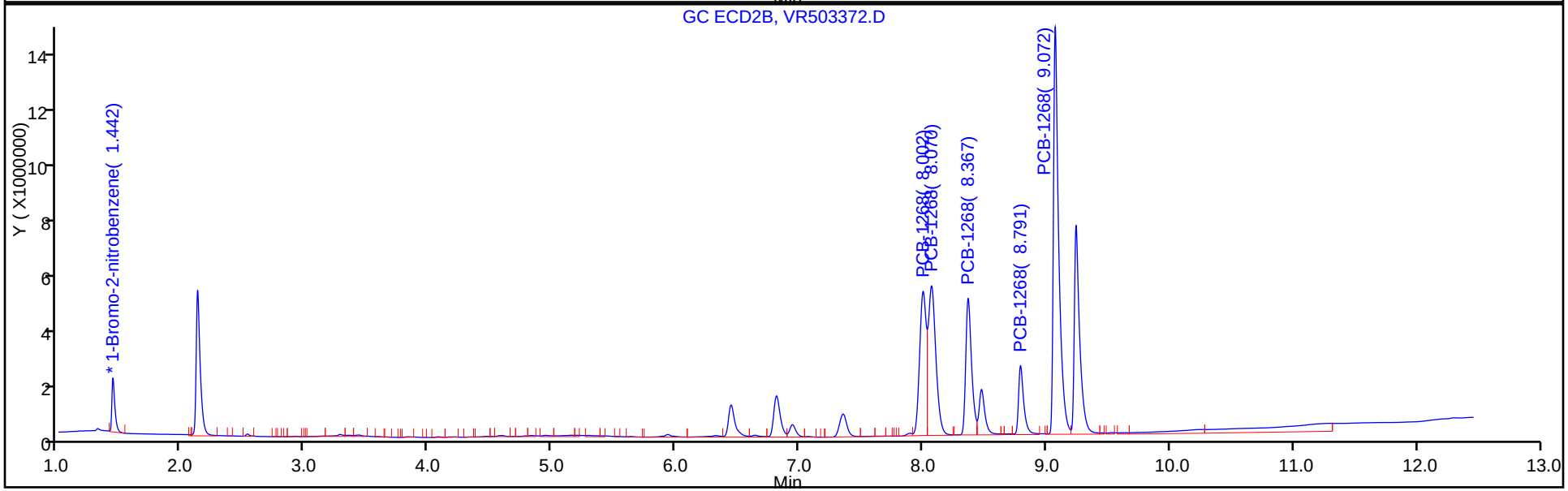
Report Date: 30-Sep-2015 15:35:46 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Injection Date:	30-Sep-2015 13:36:26	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC 1268			Worklist Smp#:	14
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334728/1 Calibration Date: 11/11/2015 14:42

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312066.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0177	0.0156		881	1000	-11.9	20.0
PCB-1016 Peak 2	Ave	0.0337	0.0307		910	1000	-9.0	20.0
PCB-1016 Peak 3	Ave	0.0695	0.0666		958	1000	-4.2	20.0
PCB-1016 Peak 4	Ave	0.0234	0.0222		951	1000	-4.9	20.0
PCB-1016 Peak 5	Ave	0.0259	0.0259		1000	1000	0.2	20.0
PCB-1260 Peak 1	Ave	0.0476	0.0465		977	1000	-2.3	20.0
PCB-1260 Peak 2	Ave	0.0523	0.0529		1010	1000	1.1	20.0
PCB-1260 Peak 3	Ave	0.0384	0.0393		1020	1000	2.3	20.0
PCB-1260 Peak 4	Ave	0.0855	0.0869		1020	1000	1.6	20.0
PCB-1260 Peak 5	Ave	0.0214	0.0216		1010	1000	0.9	20.0
Tetrachloro-m-xylene	Ave	0.8878	0.8489		95.6	100	-4.4	20.0
DCB Decachlorobiphenyl	Ave	0.6618	0.6537		98.8	100	-1.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334728/1 Calibration Date: 11/11/2015 14:42

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312066.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.97	2.90	3.04
PCB-1016 Peak 2	3.43	3.36	3.50
PCB-1016 Peak 3	3.95	3.88	4.02
PCB-1016 Peak 4	4.64	4.57	4.71
PCB-1016 Peak 5	4.78	4.71	4.85
PCB-1260 Peak 1	6.15	6.08	6.22
PCB-1260 Peak 2	6.46	6.39	6.53
PCB-1260 Peak 3	7.65	7.58	7.72
PCB-1260 Peak 4	8.15	8.08	8.22
PCB-1260 Peak 5	9.90	9.83	9.97
Tetrachloro-m-xylene	2.41	2.36	2.46
DCB Decachlorobiphenyl	10.47	10.37	10.57

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312066.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 11-Nov-2015 14:42:27 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: CCVIS
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:17:44 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 08:35:08

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.521	1.521	0.000	30110367	20.0	20.0	M
2	1.339	1.339	0.000	36830598	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.405	2.405	0.000	127799914	100.0	95.6	
2	1.961	1.961	0.000	174417641	100.0	101.3	
						RPD = 5.82	
5 PCB-1016							M
1	2.967	2.967	0.000	23473211	1000.0	881.3	
1	3.431	3.431	0.000	46234387	1000.0	910.0	
1	3.948	3.948	0.000	100208308	1000.0	958.0	
1	4.638	4.638	0.000	33473415	1000.0	951.3	
1	4.776	4.776	0.000	39006070	1000.0	1001.9	
		Average of Peak Amounts =				940.5	
2	2.316	2.316	0.000	32447842	1000.0	934.7	M
2	2.670	2.670	0.000	62331796	1000.0	935.3	M
2	3.142	3.142	0.000	130720818	1000.0	925.1	M
2	3.282	3.282	0.000	54844233	1000.0	888.2	M
2	3.715	3.715	0.000	56463210	1000.0	903.5	M
		Average of Peak Amounts =				917.4	
						RPD = 2.49	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.152	6.152	0.000	70055556	1000.0	977.1	
1	6.459	6.459	0.000	79660878	1000.0	1011.5	
1	7.654	7.654	0.000	59155829	1000.0	1022.8	M
1	8.146	8.146	0.000	130747203	1000.0	1016.2	
1	9.904	9.904	0.000	32530685	1000.0	1009.0	
		Average of Peak Amounts =				1007.3	
2	5.027	5.027	0.000	89008666	1000.0	1015.2	
2	6.090	6.090	0.000	83314187	1000.0	988.7	
2	6.525	6.525	0.000	181443942	1000.0	1001.2	M
2	6.937	6.937	0.000	98971989	1000.0	964.2	
2	8.026	8.026	0.000	47260863	1000.0	975.4	M
		Average of Peak Amounts =				988.9	
						RPD = 1.84	
$ 11 DCB Decachlorobiphenyl							
1	10.471	10.471	0.000	98407602	100.0	98.8	
2	8.963	8.963	0.000	184418322	100.0	106.8	
						RPD = 7.79	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

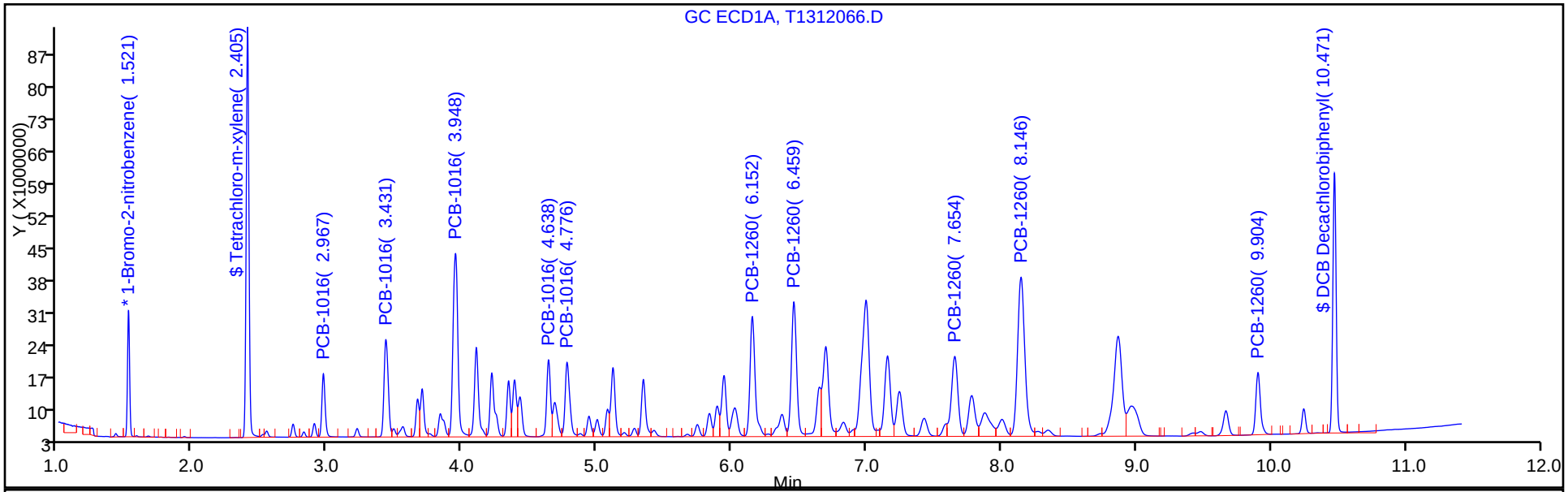
SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

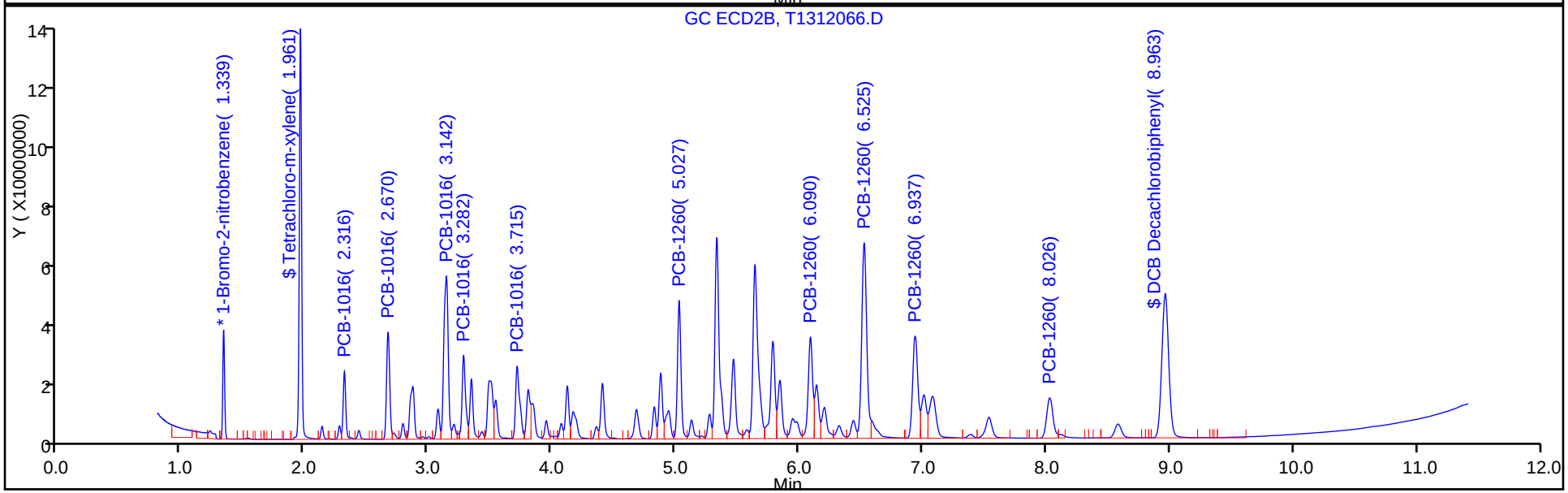
Report Date: 12-Nov-2015 12:17:45 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312066.D

Injection Date:	11-Nov-2015 14:42:27	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334728/1 Calibration Date: 11/11/2015 14:42

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312066.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0189	0.0176		935	1000	-6.5	20.0
PCB-1016 Peak 2	Ave	0.0362	0.0339		935	1000	-6.5	20.0
PCB-1016 Peak 3	Ave	0.0767	0.0710		925	1000	-7.5	20.0
PCB-1016 Peak 4	Ave	0.0335	0.0298		888	1000	-11.2	20.0
PCB-1016 Peak 5	Ave	0.0339	0.0307		903	1000	-9.7	20.0
PCB-1260 Peak 1	Ave	0.0476	0.0483		1020	1000	1.5	20.0
PCB-1260 Peak 2	Ave	0.0458	0.0452		989	1000	-1.1	20.0
PCB-1260 Peak 3	Ave	0.0984	0.0985		1000	1000	0.1	20.0
PCB-1260 Peak 4	Ave	0.0557	0.0537		964	1000	-3.6	20.0
PCB-1260 Peak 5	Ave	0.0263	0.0257		975	1000	-2.5	20.0
Tetrachloro-m-xylene	Ave	0.9345	0.9471		101	100	1.3	20.0
DCB Decachlorobiphenyl	Ave	0.9379	1.001		107	100	6.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334728/1 Calibration Date: 11/11/2015 14:42

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312066.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.32	2.25	2.39
PCB-1016 Peak 2	2.67	2.60	2.74
PCB-1016 Peak 3	3.14	3.07	3.21
PCB-1016 Peak 4	3.28	3.21	3.35
PCB-1016 Peak 5	3.72	3.65	3.79
PCB-1260 Peak 1	5.03	4.96	5.10
PCB-1260 Peak 2	6.09	6.02	6.16
PCB-1260 Peak 3	6.53	6.46	6.60
PCB-1260 Peak 4	6.94	6.87	7.01
PCB-1260 Peak 5	8.03	7.96	8.10
Tetrachloro-m-xylene	1.96	1.91	2.01
DCB Decachlorobiphenyl	8.96	8.86	9.06

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312066.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 11-Nov-2015 14:42:27 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: CCVIS
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:17:44 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 08:35:08

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.521	1.521	0.000	30110367	20.0	20.0	M
2	1.339	1.339	0.000	36830598	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.405	2.405	0.000	127799914	100.0	95.6	
2	1.961	1.961	0.000	174417641	100.0	101.3	
						RPD = 5.82	
5 PCB-1016							M
1	2.967	2.967	0.000	23473211	1000.0	881.3	
1	3.431	3.431	0.000	46234387	1000.0	910.0	
1	3.948	3.948	0.000	100208308	1000.0	958.0	
1	4.638	4.638	0.000	33473415	1000.0	951.3	
1	4.776	4.776	0.000	39006070	1000.0	1001.9	
		Average of Peak Amounts =				940.5	
2	2.316	2.316	0.000	32447842	1000.0	934.7	M
2	2.670	2.670	0.000	62331796	1000.0	935.3	M
2	3.142	3.142	0.000	130720818	1000.0	925.1	M
2	3.282	3.282	0.000	54844233	1000.0	888.2	M
2	3.715	3.715	0.000	56463210	1000.0	903.5	M
		Average of Peak Amounts =				917.4	
						RPD = 2.49	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.152	6.152	0.000	70055556	1000.0	977.1	
1	6.459	6.459	0.000	79660878	1000.0	1011.5	
1	7.654	7.654	0.000	59155829	1000.0	1022.8	M
1	8.146	8.146	0.000	130747203	1000.0	1016.2	
1	9.904	9.904	0.000	32530685	1000.0	1009.0	
		Average of Peak Amounts =				1007.3	
2	5.027	5.027	0.000	89008666	1000.0	1015.2	
2	6.090	6.090	0.000	83314187	1000.0	988.7	
2	6.525	6.525	0.000	181443942	1000.0	1001.2	M
2	6.937	6.937	0.000	98971989	1000.0	964.2	
2	8.026	8.026	0.000	47260863	1000.0	975.4	M
		Average of Peak Amounts =				988.9	
						RPD = 1.84	
$ 11 DCB Decachlorobiphenyl							
1	10.471	10.471	0.000	98407602	100.0	98.8	
2	8.963	8.963	0.000	184418322	100.0	106.8	
						RPD = 7.79	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

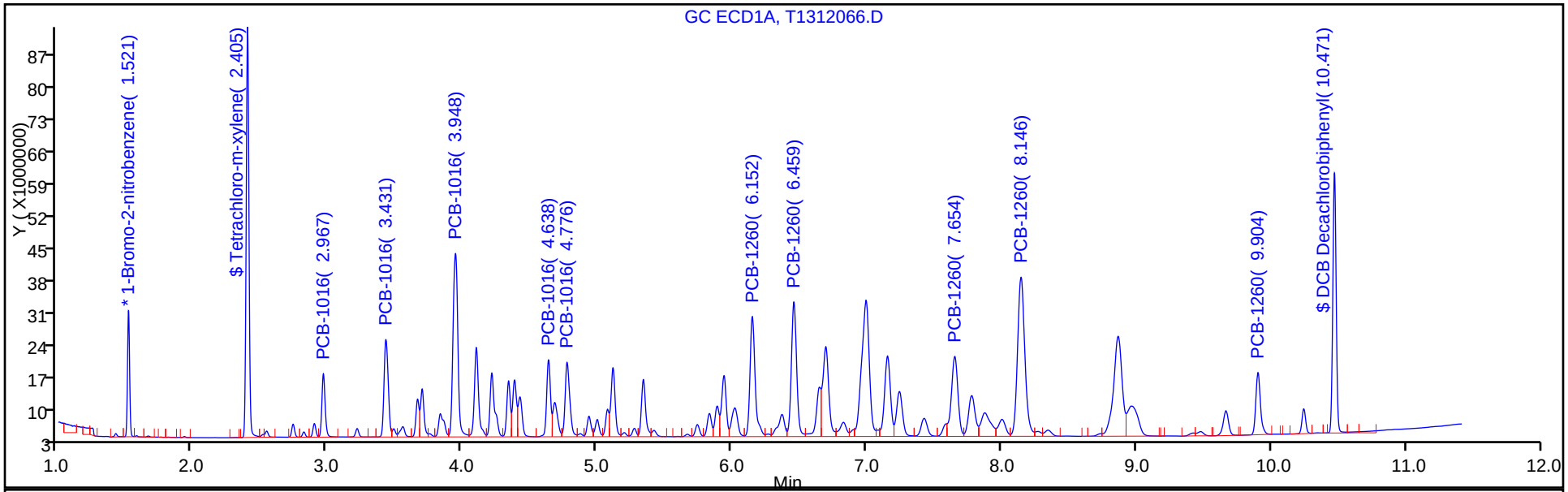
SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

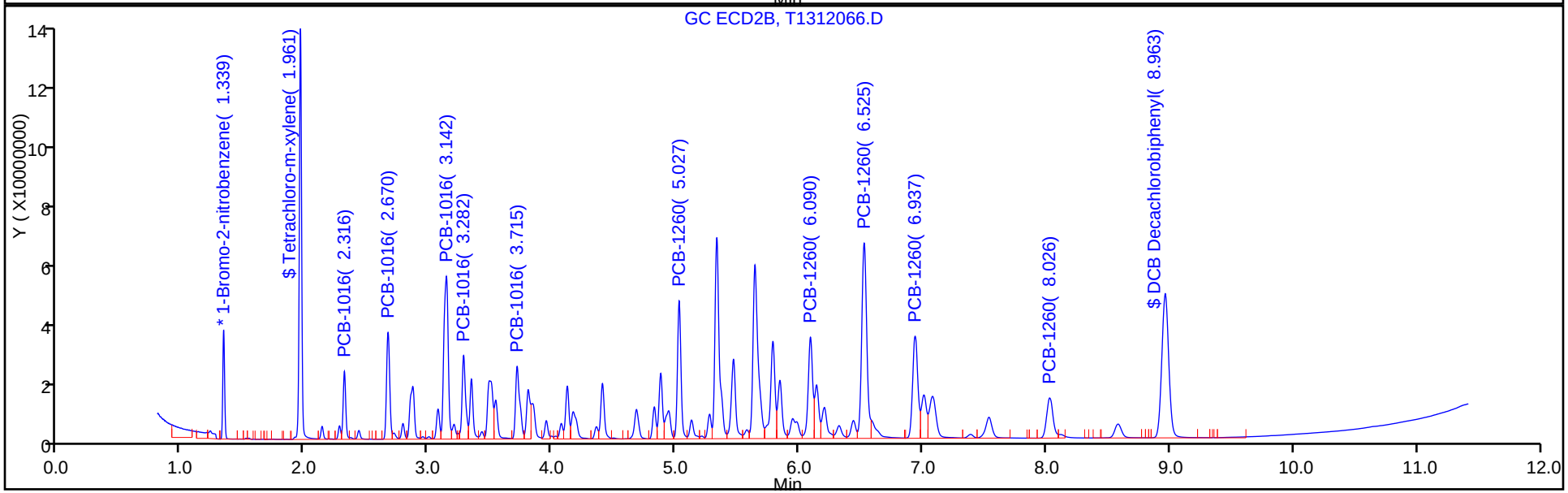
Report Date: 12-Nov-2015 12:17:50 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312066.D

Injection Date:	11-Nov-2015 14:42:27	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/27 Calibration Date: 11/11/2015 21:05

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312092.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.8878	0.9103		103	100	2.5	20.0
DCB Decachlorobiphenyl	Ave	0.6618	0.6749		102	100	2.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/27 Calibration Date: 11/11/2015 21:05

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312092.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	2.40	2.36	2.46
DCB Decachlorobiphenyl	10.47	10.37	10.57

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312092.D
Lims ID: CCV AR1248
Client ID:
Sample Type: CCV
Inject. Date: 11-Nov-2015 21:05:39 ALS Bottle#: 27 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-027
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:21:01 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 11:44:04

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.518	1.521	-0.003	30625434	20.0	20.0	
2	1.344	1.339	0.005	38212940	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.398	2.405	-0.007	139391075	100.0	102.5	
2	1.968	1.961	0.007	184451884	100.0	103.3	
						RPD = 0.74	
6 PCB-1248							M
1	3.423	3.426	-0.003	22216812	1000.0	1029.7	
1	3.939	3.941	-0.002	53995572	1000.0	1046.5	
1	4.335	4.338	-0.003	30959727	1000.0	1006.9	
1	5.068	5.071	-0.003	43665770	1000.0	943.0	
1	5.114	5.117	-0.003	54324307	1000.0	1062.5	
		Average of Peak Amounts =				1017.7	
2	2.676	2.678	-0.002	29733525	1000.0	1013.2	
2	3.148	3.151	-0.003	73376771	1000.0	998.4	
2	3.721	3.724	-0.003	72051045	1000.0	980.2	
2	4.175	4.177	-0.002	125062106	1000.0	1019.8	
2	4.408	4.410	-0.002	53474389	1000.0	996.0	M
		Average of Peak Amounts =				1001.5	
						RPD = 1.61	
$ 11 DCB Decachlorobiphenyl							
1	10.473	10.471	0.002	103339256	100.0	102.0	
2	8.964	8.963	0.001	190095622	100.0	106.1	
						RPD = 3.95	
S 12 Polychlorinated biphenyls, Total							
1						1017.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

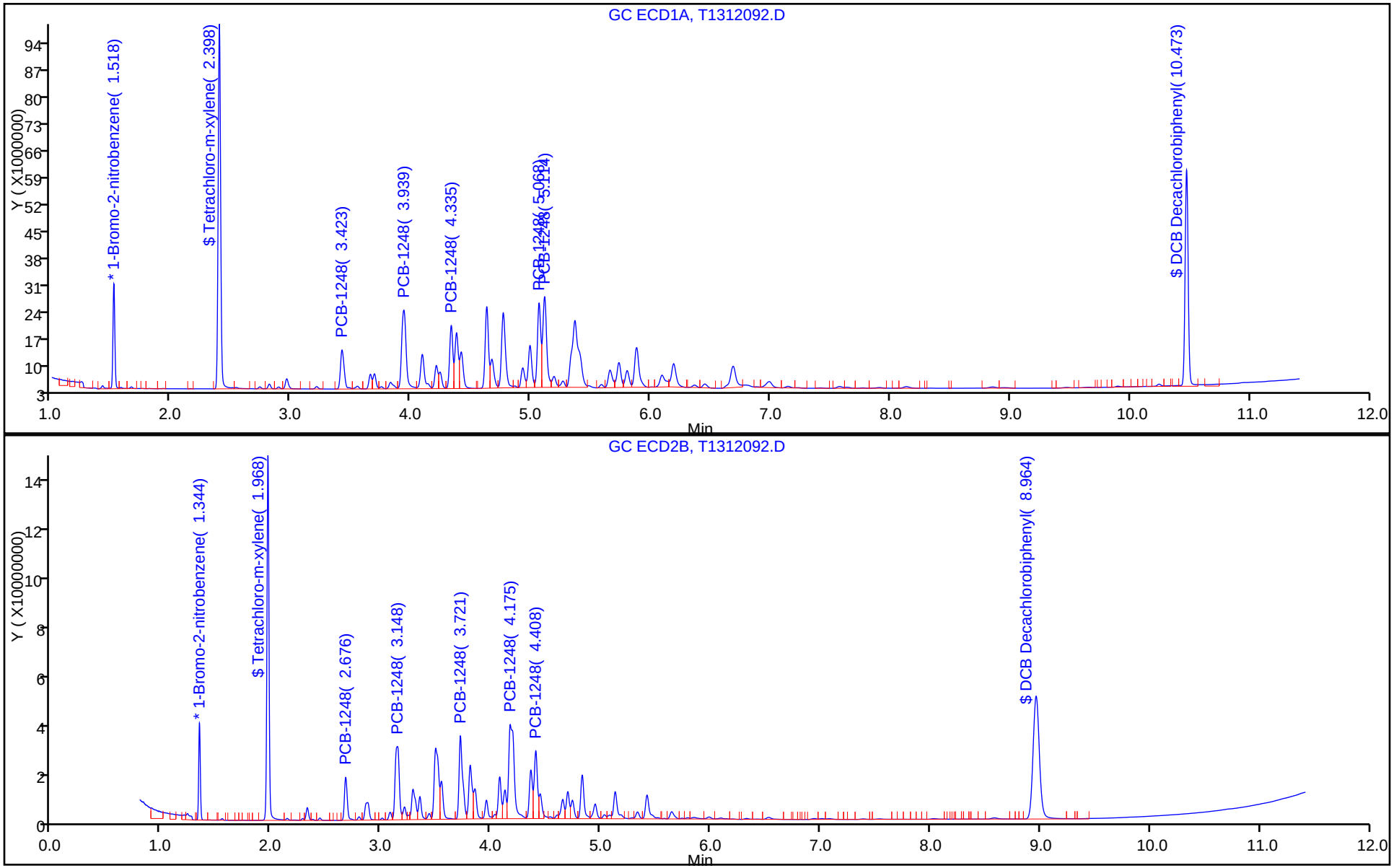
SG1248L3_00023	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 12-Nov-2015 12:21:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312092.D

Injection Date:	11-Nov-2015 21:05:39	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1248			Worklist Smp#:	27
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/27 Calibration Date: 11/11/2015 21:05

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 13:30

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2015 13:30

Lab File ID: T1312092.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	0.0141	0.0145		1030	1000	3.0	20.0
PCB-1248 Peak 2	Ave	0.0337	0.0353		1050	1000	4.7	20.0
PCB-1248 Peak 3	Ave	0.0201	0.0202		1010	1000	0.7	20.0
PCB-1248 Peak 4	Ave	0.0302	0.0285		943	1000	-5.7	20.0
PCB-1248 Peak 5	Ave	0.0334	0.0355		1060	1000	6.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/27 Calibration Date: 11/11/2015 21:05

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 13:30

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2015 13:30

Lab File ID: T1312092.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	3.42	3.36	3.50
PCB-1248 Peak 2	3.94	3.87	4.01
PCB-1248 Peak 3	4.34	4.27	4.41
PCB-1248 Peak 4	5.07	5.00	5.14
PCB-1248 Peak 5	5.11	5.05	5.19

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312092.D
Lims ID: CCV AR1248
Client ID:
Sample Type: CCV
Inject. Date: 11-Nov-2015 21:05:39 ALS Bottle#: 27 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-027
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:21:01 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 11:44:04

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.518	1.521	-0.003	30625434	20.0	20.0	
2	1.344	1.339	0.005	38212940	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.398	2.405	-0.007	139391075	100.0	102.5	
2	1.968	1.961	0.007	184451884	100.0	103.3	
						RPD = 0.74	
6 PCB-1248							M
1	3.423	3.426	-0.003	22216812	1000.0	1029.7	
1	3.939	3.941	-0.002	53995572	1000.0	1046.5	
1	4.335	4.338	-0.003	30959727	1000.0	1006.9	
1	5.068	5.071	-0.003	43665770	1000.0	943.0	
1	5.114	5.117	-0.003	54324307	1000.0	1062.5	
		Average of Peak Amounts =				1017.7	
2	2.676	2.678	-0.002	29733525	1000.0	1013.2	
2	3.148	3.151	-0.003	73376771	1000.0	998.4	
2	3.721	3.724	-0.003	72051045	1000.0	980.2	
2	4.175	4.177	-0.002	125062106	1000.0	1019.8	
2	4.408	4.410	-0.002	53474389	1000.0	996.0	M
		Average of Peak Amounts =				1001.5	
						RPD = 1.61	
$ 11 DCB Decachlorobiphenyl							
1	10.473	10.471	0.002	103339256	100.0	102.0	
2	8.964	8.963	0.001	190095622	100.0	106.1	
						RPD = 3.95	
S 12 Polychlorinated biphenyls, Total							
1						1017.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

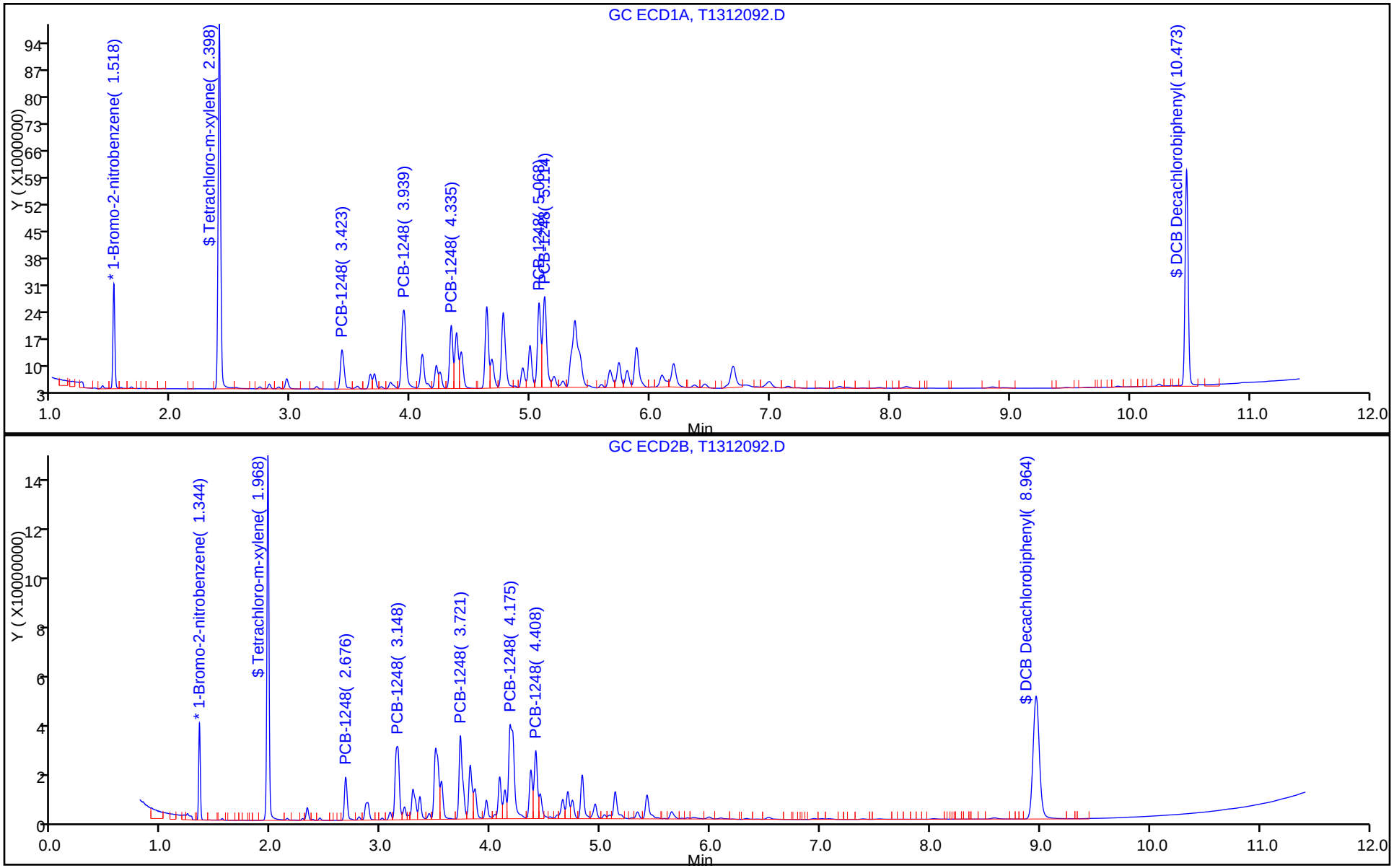
SG1248L3_00023	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 12-Nov-2015 12:21:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312092.D

Injection Date:	11-Nov-2015 21:05:39	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1248			Worklist Smp#:	27
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/27 Calibration Date: 11/11/2015 21:05

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312092.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.9345	0.9654		103	100	3.3	20.0
DCB Decachlorobiphenyl	Ave	0.9379	0.9949		106	100	6.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/27 Calibration Date: 11/11/2015 21:05

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312092.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	1.97	1.91	2.01
DCB Decachlorobiphenyl	8.96	8.86	9.06

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312092.D
Lims ID: CCV AR1248
Client ID:
Sample Type: CCV
Inject. Date: 11-Nov-2015 21:05:39 ALS Bottle#: 27 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-027
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:21:01 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 11:44:04

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.518	1.521	-0.003	30625434	20.0	20.0	
2	1.344	1.339	0.005	38212940	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.398	2.405	-0.007	139391075	100.0	102.5	
2	1.968	1.961	0.007	184451884	100.0	103.3	
						RPD = 0.74	
6 PCB-1248							M
1	3.423	3.426	-0.003	22216812	1000.0	1029.7	
1	3.939	3.941	-0.002	53995572	1000.0	1046.5	
1	4.335	4.338	-0.003	30959727	1000.0	1006.9	
1	5.068	5.071	-0.003	43665770	1000.0	943.0	
1	5.114	5.117	-0.003	54324307	1000.0	1062.5	
		Average of Peak Amounts =				1017.7	
2	2.676	2.678	-0.002	29733525	1000.0	1013.2	
2	3.148	3.151	-0.003	73376771	1000.0	998.4	
2	3.721	3.724	-0.003	72051045	1000.0	980.2	
2	4.175	4.177	-0.002	125062106	1000.0	1019.8	
2	4.408	4.410	-0.002	53474389	1000.0	996.0	M
		Average of Peak Amounts =				1001.5	
						RPD = 1.61	
$ 11 DCB Decachlorobiphenyl							
1	10.473	10.471	0.002	103339256	100.0	102.0	
2	8.964	8.963	0.001	190095622	100.0	106.1	
						RPD = 3.95	
S 12 Polychlorinated biphenyls, Total							
1						1017.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

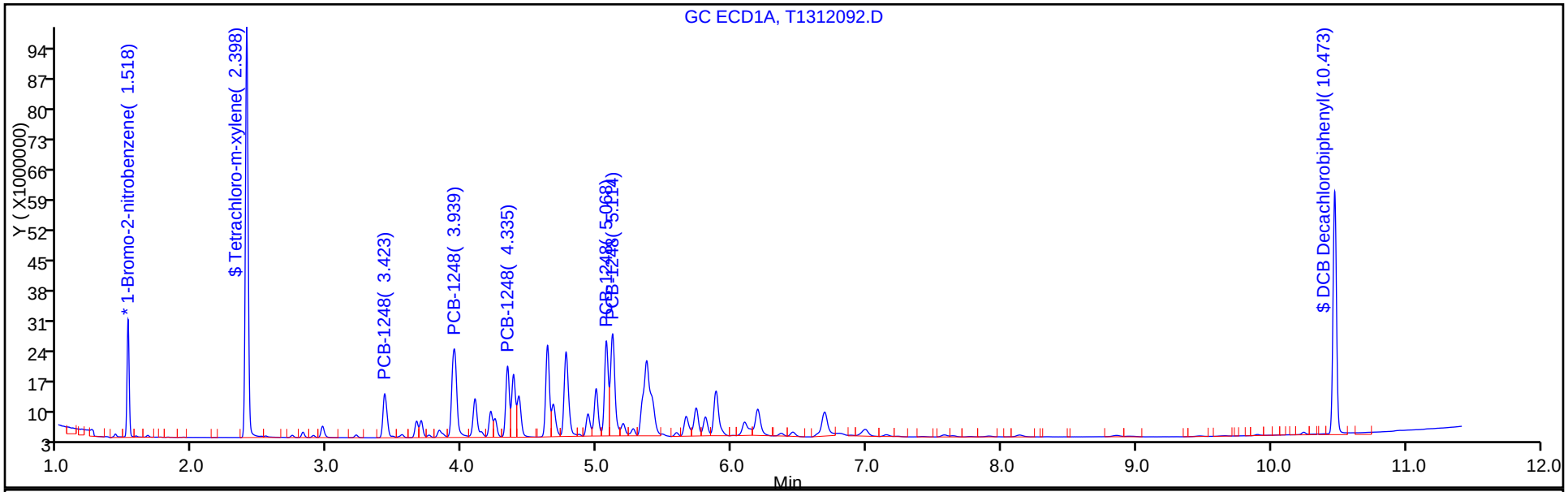
SG1248L3_00023	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

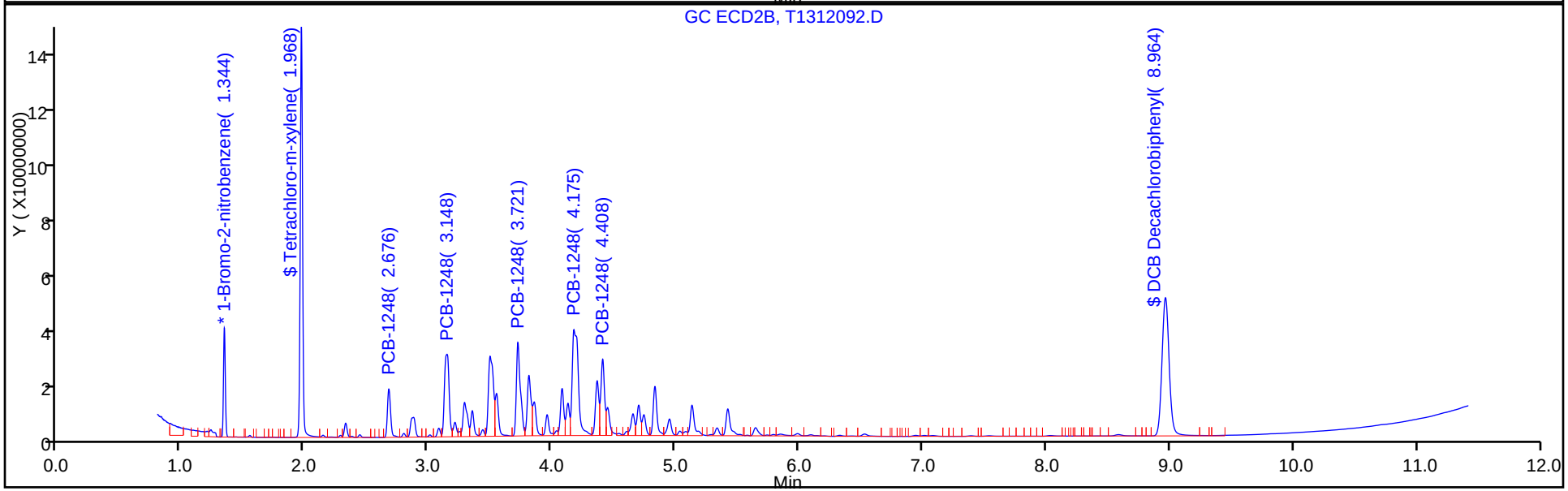
Report Date: 12-Nov-2015 12:21:02 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312092.D

Injection Date:	11-Nov-2015 21:05:39	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1248			Worklist Smp#:	27
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/27 Calibration Date: 11/11/2015 21:05

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 13:30

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2015 13:30

Lab File ID: T1312092.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	0.0154	0.0156		1010	1000	1.3	20.0
PCB-1248 Peak 2	Ave	0.0385	0.0384		998	1000	-0.2	20.0
PCB-1248 Peak 3	Ave	0.0385	0.0377		980	1000	-2.0	20.0
PCB-1248 Peak 4	Ave	0.0642	0.0655		1020	1000	2.0	20.0
PCB-1248 Peak 5	Ave	0.0281	0.0280		996	1000	-0.4	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/27 Calibration Date: 11/11/2015 21:05

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 13:30

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2015 13:30

Lab File ID: T1312092.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	2.68	2.61	2.75
PCB-1248 Peak 2	3.15	3.08	3.22
PCB-1248 Peak 3	3.72	3.65	3.79
PCB-1248 Peak 4	4.18	4.11	4.25
PCB-1248 Peak 5	4.41	4.34	4.48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312092.D
Lims ID: CCV AR1248
Client ID:
Sample Type: CCV
Inject. Date: 11-Nov-2015 21:05:39 ALS Bottle#: 27 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-027
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:21:01 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 11:44:04

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.518	1.521	-0.003	30625434	20.0	20.0	
2	1.344	1.339	0.005	38212940	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.398	2.405	-0.007	139391075	100.0	102.5	
2	1.968	1.961	0.007	184451884	100.0	103.3	
						RPD = 0.74	
6 PCB-1248							M
1	3.423	3.426	-0.003	22216812	1000.0	1029.7	
1	3.939	3.941	-0.002	53995572	1000.0	1046.5	
1	4.335	4.338	-0.003	30959727	1000.0	1006.9	
1	5.068	5.071	-0.003	43665770	1000.0	943.0	
1	5.114	5.117	-0.003	54324307	1000.0	1062.5	
		Average of Peak Amounts =				1017.7	
2	2.676	2.678	-0.002	29733525	1000.0	1013.2	
2	3.148	3.151	-0.003	73376771	1000.0	998.4	
2	3.721	3.724	-0.003	72051045	1000.0	980.2	
2	4.175	4.177	-0.002	125062106	1000.0	1019.8	
2	4.408	4.410	-0.002	53474389	1000.0	996.0	M
		Average of Peak Amounts =				1001.5	
						RPD = 1.61	
$ 11 DCB Decachlorobiphenyl							
1	10.473	10.471	0.002	103339256	100.0	102.0	
2	8.964	8.963	0.001	190095622	100.0	106.1	
						RPD = 3.95	
S 12 Polychlorinated biphenyls, Total							
1						1017.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

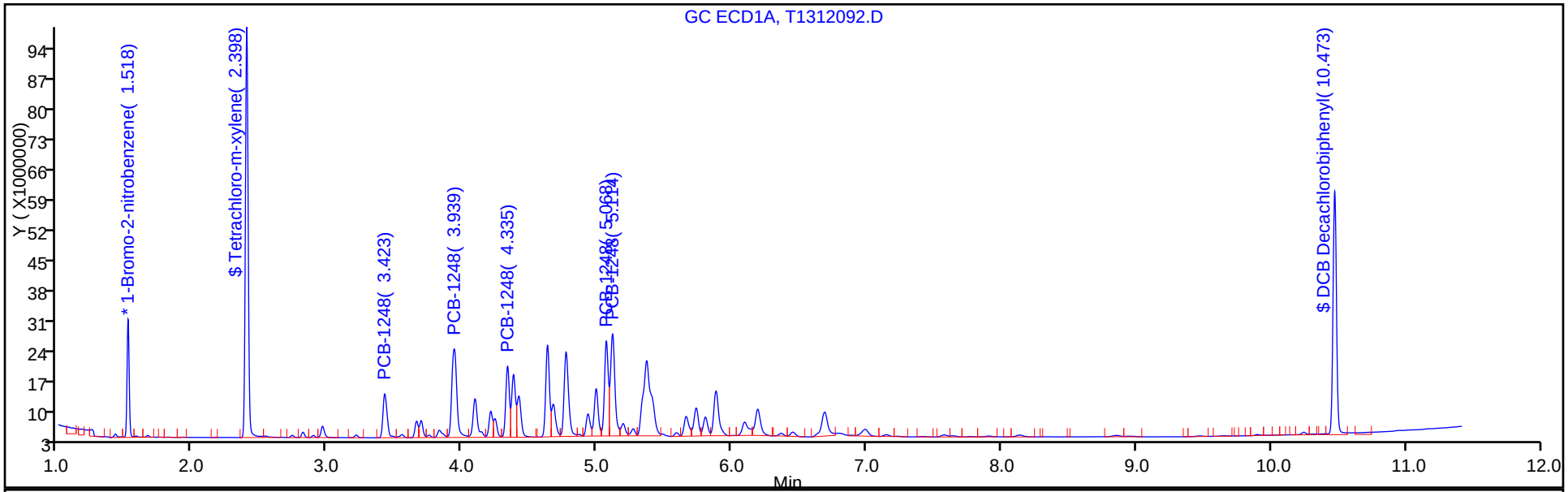
SG1248L3_00023	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

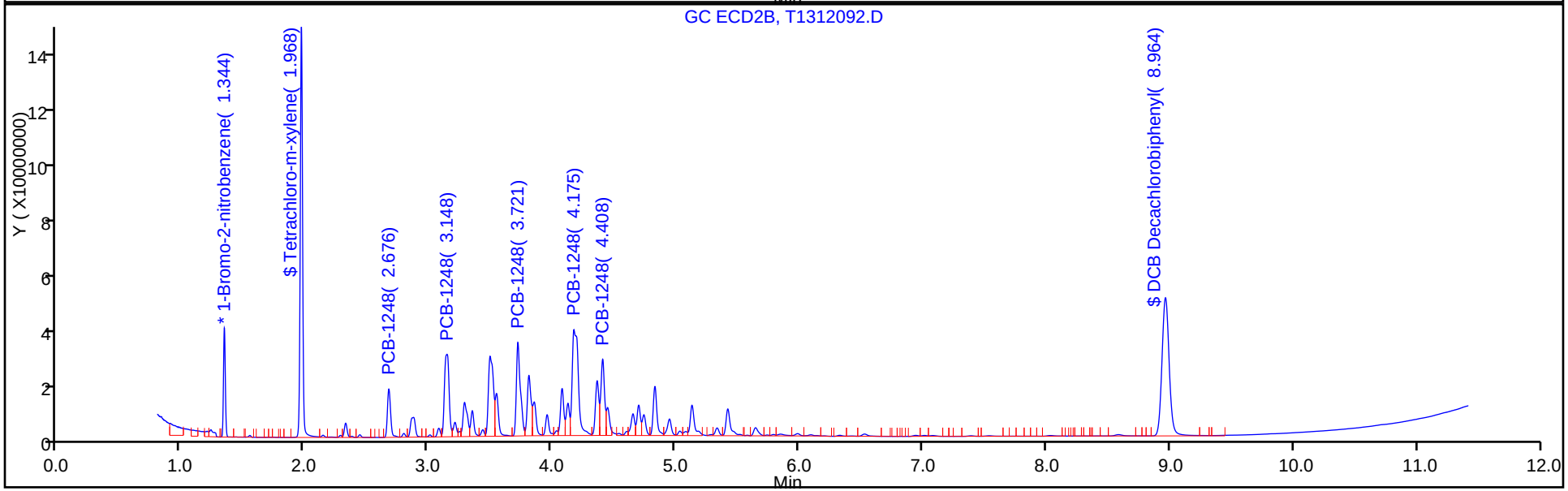
Report Date: 12-Nov-2015 12:21:02 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312092.D

Injection Date:	11-Nov-2015 21:05:39	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1248			Worklist Smp#:	27
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334728/32 Calibration Date: 11/11/2015 22:18

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312097.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0177	0.0167		946	1000	-5.4	20.0
PCB-1016 Peak 2	Ave	0.0337	0.0323		957	1000	-4.3	20.0
PCB-1016 Peak 3	Ave	0.0695	0.0664		955	1000	-4.5	20.0
PCB-1016 Peak 4	Ave	0.0234	0.0216		926	1000	-7.4	20.0
PCB-1016 Peak 5	Ave	0.0259	0.0259		1000	1000	-0.0	20.0
PCB-1260 Peak 1	Ave	0.0476	0.0454		954	1000	-4.6	20.0
PCB-1260 Peak 2	Ave	0.0523	0.0514		982	1000	-1.8	20.0
PCB-1260 Peak 3	Ave	0.0384	0.0392		1020	1000	2.1	20.0
PCB-1260 Peak 4	Ave	0.0855	0.0855		1000	1000	0.0	20.0
PCB-1260 Peak 5	Ave	0.0214	0.0216		1010	1000	0.9	20.0
Tetrachloro-m-xylene	Ave	0.8878	0.8946		101	100	0.8	20.0
DCB Decachlorobiphenyl	Ave	0.6618	0.6663		101	100	0.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334728/32 Calibration Date: 11/11/2015 22:18

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312097.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.96	2.90	3.04
PCB-1016 Peak 2	3.42	3.36	3.50
PCB-1016 Peak 3	3.94	3.88	4.02
PCB-1016 Peak 4	4.63	4.57	4.71
PCB-1016 Peak 5	4.77	4.71	4.85
PCB-1260 Peak 1	6.14	6.08	6.22
PCB-1260 Peak 2	6.45	6.39	6.53
PCB-1260 Peak 3	7.64	7.58	7.72
PCB-1260 Peak 4	8.14	8.08	8.22
PCB-1260 Peak 5	9.90	9.83	9.97
Tetrachloro-m-xylene	2.40	2.36	2.46
DCB Decachlorobiphenyl	10.46	10.37	10.57

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312097.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 11-Nov-2015 22:18:28 ALS Bottle#: 32 Worklist Smp#: 32
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: CCVIS
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:21:17 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 08:37:10

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.518	1.521	-0.003	29863270	20.0	20.0	
2	1.345	1.339	0.006	37470713	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.399	2.405	-0.006	133571560	100.0	100.8	
2	1.968	1.961	0.007	180730884	100.0	103.2	
						RPD = 2.41	
5 PCB-1016							M
1	2.962	2.967	-0.005	24977470	1000.0	945.5	
1	3.424	3.431	-0.007	48203303	1000.0	956.6	
1	3.941	3.948	-0.007	99095167	1000.0	955.2	
1	4.632	4.638	-0.006	32308941	1000.0	925.8	
1	4.769	4.776	-0.007	38606398	1000.0	999.8	
		Average of Peak Amounts =				956.6	
2	2.325	2.316	0.009	33350114	1000.0	944.3	M
2	2.677	2.670	0.007	65268977	1000.0	962.6	M
2	3.151	3.142	0.009	139095691	1000.0	967.6	
2	3.289	3.282	0.007	58180985	1000.0	926.1	M
2	3.722	3.715	0.007	58234685	1000.0	915.9	
		Average of Peak Amounts =				943.3	
						RPD = 1.40	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.142	6.152	-0.010	67807671	1000.0	953.6	
1	6.451	6.459	-0.008	76714750	1000.0	982.1	
1	7.644	7.654	-0.010	58563853	1000.0	1021.0	M
1	8.135	8.146	-0.011	127730094	1000.0	1000.9	M
1	9.898	9.904	-0.006	32273324	1000.0	1009.3	
		Average of Peak Amounts =				993.4	
2	5.032	5.027	0.005	87343171	1000.0	979.2	
2	6.093	6.090	0.003	81057067	1000.0	945.4	
2	6.528	6.525	0.003	179192697	1000.0	971.9	M
2	6.942	6.937	0.005	95686719	1000.0	916.3	
2	8.031	8.026	0.005	46288524	1000.0	939.1	M
		Average of Peak Amounts =				950.4	
						RPD = 4.43	
$ 11 DCB Decachlorobiphenyl							
1	10.462	10.471	-0.009	99491930	100.0	100.7	
2	8.966	8.963	0.003	185171129	100.0	105.4	
						RPD = 4.56	
S 12 Polychlorinated biphenyls, Total							
1						1950.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

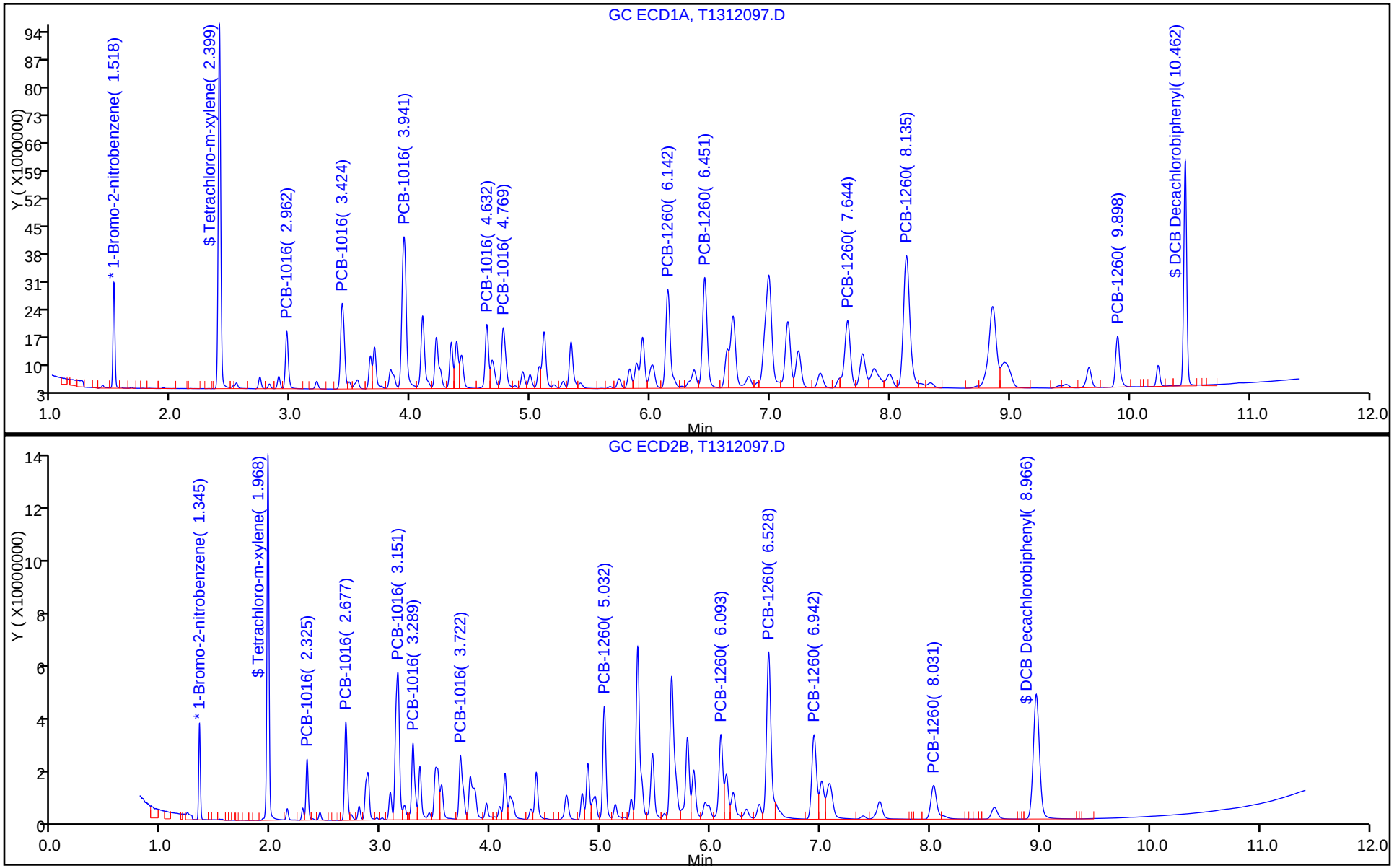
SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 12-Nov-2015 12:21:17 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312097.D

Injection Date:	11-Nov-2015 22:18:28	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV			Worklist Smp#:	32
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	32
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334728/32 Calibration Date: 11/11/2015 22:18

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312097.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0189	0.0178		944	1000	-5.6	20.0
PCB-1016 Peak 2	Ave	0.0362	0.0348		963	1000	-3.7	20.0
PCB-1016 Peak 3	Ave	0.0767	0.0742		968	1000	-3.2	20.0
PCB-1016 Peak 4	Ave	0.0335	0.0311		926	1000	-7.4	20.0
PCB-1016 Peak 5	Ave	0.0339	0.0311		916	1000	-8.4	20.0
PCB-1260 Peak 1	Ave	0.0476	0.0466		979	1000	-2.1	20.0
PCB-1260 Peak 2	Ave	0.0458	0.0433		945	1000	-5.5	20.0
PCB-1260 Peak 3	Ave	0.0984	0.0956		972	1000	-2.8	20.0
PCB-1260 Peak 4	Ave	0.0557	0.0511		916	1000	-8.4	20.0
PCB-1260 Peak 5	Ave	0.0263	0.0247		939	1000	-6.1	20.0
Tetrachloro-m-xylene	Ave	0.9345	0.9647		103	100	3.2	20.0
DCB Decachlorobiphenyl	Ave	0.9379	0.9884		105	100	5.4	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334728/32 Calibration Date: 11/11/2015 22:18

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312097.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.33	2.25	2.39
PCB-1016 Peak 2	2.68	2.60	2.74
PCB-1016 Peak 3	3.15	3.07	3.21
PCB-1016 Peak 4	3.29	3.21	3.35
PCB-1016 Peak 5	3.72	3.65	3.79
PCB-1260 Peak 1	5.03	4.96	5.10
PCB-1260 Peak 2	6.09	6.02	6.16
PCB-1260 Peak 3	6.53	6.46	6.60
PCB-1260 Peak 4	6.94	6.87	7.01
PCB-1260 Peak 5	8.03	7.96	8.10
Tetrachloro-m-xylene	1.97	1.91	2.01
DCB Decachlorobiphenyl	8.97	8.86	9.06

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312097.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 11-Nov-2015 22:18:28 ALS Bottle#: 32 Worklist Smp#: 32
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: CCVIS
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:21:17 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 08:37:10

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.518	1.521	-0.003	29863270	20.0	20.0	
2	1.345	1.339	0.006	37470713	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.399	2.405	-0.006	133571560	100.0	100.8	
2	1.968	1.961	0.007	180730884	100.0	103.2	
						RPD = 2.41	
5 PCB-1016							M
1	2.962	2.967	-0.005	24977470	1000.0	945.5	
1	3.424	3.431	-0.007	48203303	1000.0	956.6	
1	3.941	3.948	-0.007	99095167	1000.0	955.2	
1	4.632	4.638	-0.006	32308941	1000.0	925.8	
1	4.769	4.776	-0.007	38606398	1000.0	999.8	
		Average of Peak Amounts =				956.6	
2	2.325	2.316	0.009	33350114	1000.0	944.3	M
2	2.677	2.670	0.007	65268977	1000.0	962.6	M
2	3.151	3.142	0.009	139095691	1000.0	967.6	
2	3.289	3.282	0.007	58180985	1000.0	926.1	M
2	3.722	3.715	0.007	58234685	1000.0	915.9	
		Average of Peak Amounts =				943.3	
						RPD = 1.40	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.142	6.152	-0.010	67807671	1000.0	953.6	
1	6.451	6.459	-0.008	76714750	1000.0	982.1	
1	7.644	7.654	-0.010	58563853	1000.0	1021.0	M
1	8.135	8.146	-0.011	127730094	1000.0	1000.9	M
1	9.898	9.904	-0.006	32273324	1000.0	1009.3	
		Average of Peak Amounts =				993.4	
2	5.032	5.027	0.005	87343171	1000.0	979.2	
2	6.093	6.090	0.003	81057067	1000.0	945.4	
2	6.528	6.525	0.003	179192697	1000.0	971.9	M
2	6.942	6.937	0.005	95686719	1000.0	916.3	
2	8.031	8.026	0.005	46288524	1000.0	939.1	M
		Average of Peak Amounts =				950.4	
						RPD = 4.43	
$ 11 DCB Decachlorobiphenyl							
1	10.462	10.471	-0.009	99491930	100.0	100.7	
2	8.966	8.963	0.003	185171129	100.0	105.4	
						RPD = 4.56	
S 12 Polychlorinated biphenyls, Total							
1						1950.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

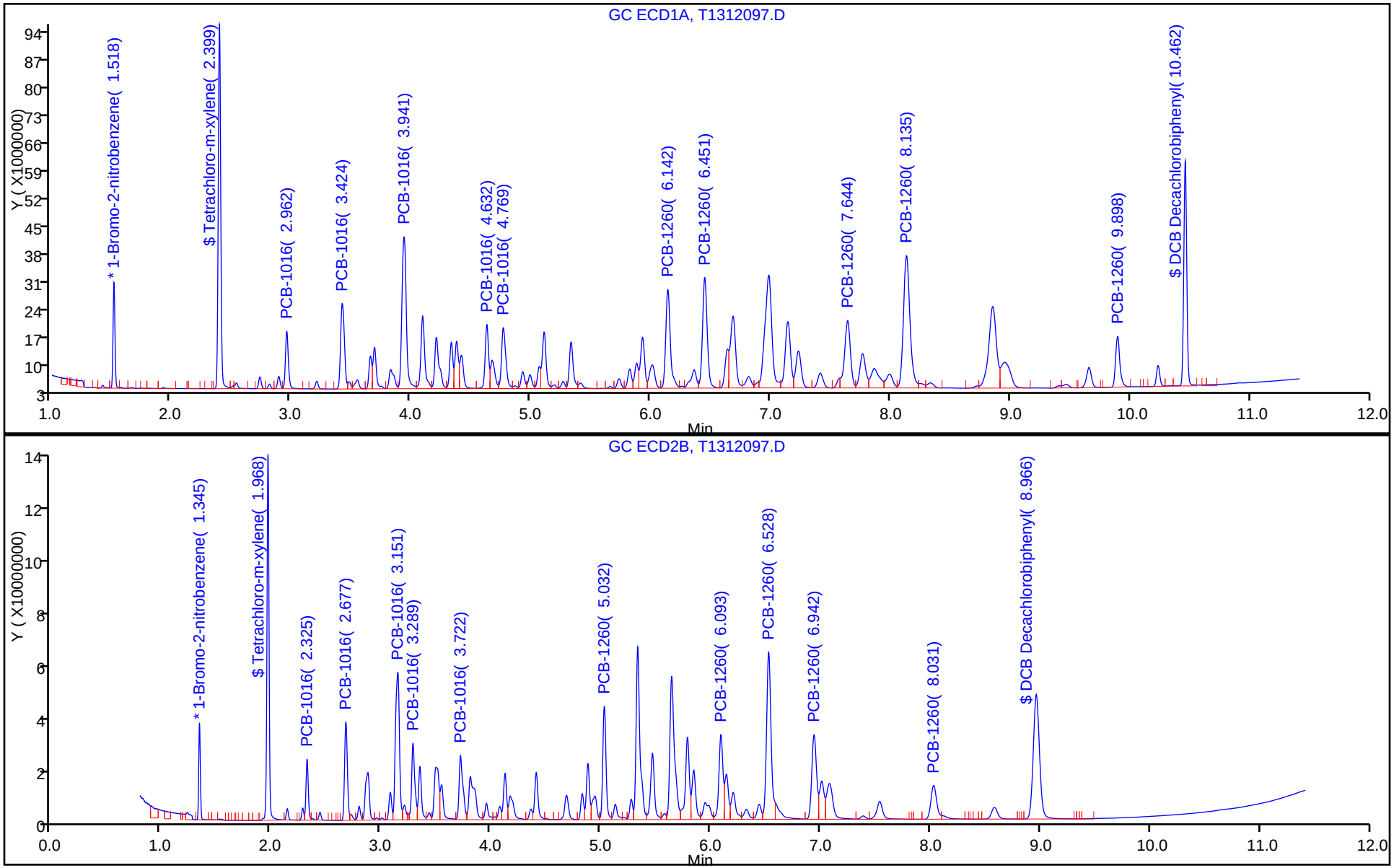
SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 12-Nov-2015 12:21:18 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312097.D

Injection Date:	11-Nov-2015 22:18:28	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV			Worklist Smp#:	32
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	32
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/58 Calibration Date: 11/12/2015 04:36

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312123.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.8878	0.8056		90.7	100	-9.3	20.0
DCB Decachlorobiphenyl	Ave	0.6618	0.4943		74.7	100	-25.3*	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/58 Calibration Date: 11/12/2015 04:36

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312123.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	2.40	2.36	2.46
DCB Decachlorobiphenyl	10.45	10.37	10.57

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312123.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 12-Nov-2015 04:36:49 ALS Bottle#: 58 Worklist Smp#: 58
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-058
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:22:53 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 09:59:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.519	1.521	-0.002	34544350	20.0	20.0	M
2	1.346	1.339	0.007	43517420	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.401	2.405	-0.004	139147829	100.0	90.7	
2	1.970	1.961	0.009	182026284	100.0	89.5	
						RPD = 1.36	
4 PCB-1242							M
1	2.962	2.963	-0.001	20616343	1000.0	915.9	
1	3.426	3.426	0.000	38960319	1000.0	914.9	
1	3.942	3.940	0.002	79366082	1000.0	924.4	
1	4.097	4.096	0.001	33564965	1000.0	922.9	
1	5.117	5.116	0.001	30979296	1000.0	943.0	
		Average of Peak Amounts =				924.2	
2	2.326	2.327	-0.001	27424275	1000.0	888.9	M
2	2.679	2.680	-0.001	51570627	1000.0	888.2	M
2	3.152	3.140	0.012	109025655	1000.0	879.3	M
2	3.290	3.290	0.000	47623439	1000.0	894.4	M
2	3.724	3.723	0.001	46321312	1000.0	870.5	M
		Average of Peak Amounts =				884.3	
						RPD = 4.42	
$ 11 DCB Decachlorobiphenyl							
1	10.452	10.471	-0.019	85367675	100.0	74.7	
2	8.966	8.963	0.003	170043880	100.0	83.3	
						RPD = 10.94	
S 12 Polychlorinated biphenyls, Total							
1						924.2	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

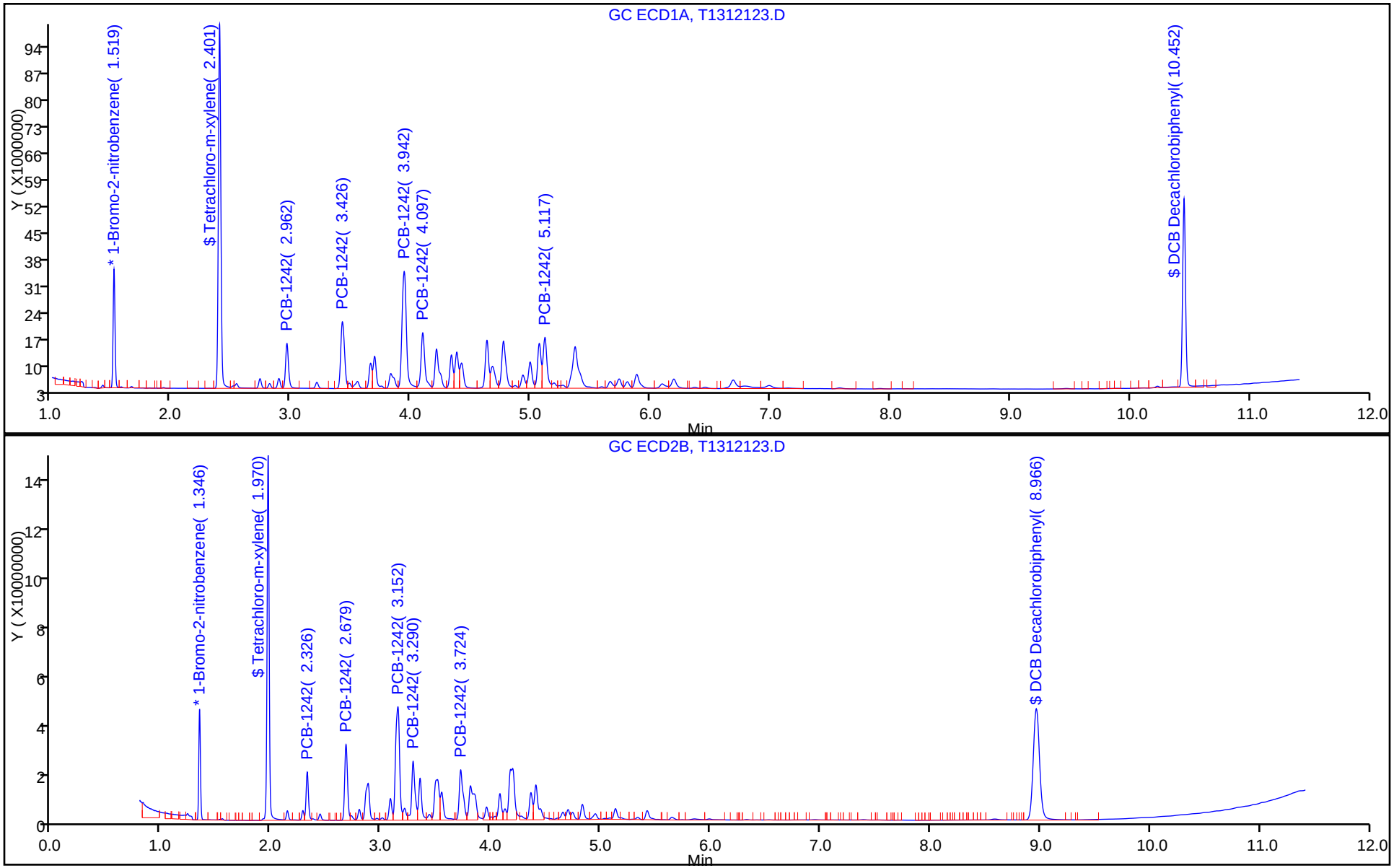
SG1242L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 12-Nov-2015 12:22:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312123.D

Injection Date:	12-Nov-2015 04:36:49	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1242			Worklist Smp#:	58
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	58
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/58 Calibration Date: 11/12/2015 04:36

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 13:16

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2015 13:16

Lab File ID: T1312123.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0130	0.0119		916	1000	-8.4	20.0
PCB-1242 Peak 2	Ave	0.0247	0.0226		915	1000	-8.5	20.0
PCB-1242 Peak 3	Ave	0.0497	0.0460		924	1000	-7.6	20.0
PCB-1242 Peak 4	Ave	0.0211	0.0194		923	1000	-7.7	20.0
PCB-1242 Peak 5	Ave	0.0190	0.0179		943	1000	-5.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/58 Calibration Date: 11/12/2015 04:36

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 13:16

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2015 13:16

Lab File ID: T1312123.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	2.96	2.89	3.03
PCB-1242 Peak 2	3.43	3.36	3.50
PCB-1242 Peak 3	3.94	3.87	4.01
PCB-1242 Peak 4	4.10	4.03	4.17
PCB-1242 Peak 5	5.12	5.05	5.19

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312123.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 12-Nov-2015 04:36:49 ALS Bottle#: 58 Worklist Smp#: 58
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-058
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:22:53 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 09:59:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.519	1.521	-0.002	34544350	20.0	20.0	M
2	1.346	1.339	0.007	43517420	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.401	2.405	-0.004	139147829	100.0	90.7	
2	1.970	1.961	0.009	182026284	100.0	89.5	
						RPD = 1.36	
4 PCB-1242							M
1	2.962	2.963	-0.001	20616343	1000.0	915.9	
1	3.426	3.426	0.000	38960319	1000.0	914.9	
1	3.942	3.940	0.002	79366082	1000.0	924.4	
1	4.097	4.096	0.001	33564965	1000.0	922.9	
1	5.117	5.116	0.001	30979296	1000.0	943.0	
		Average of Peak Amounts =				924.2	
2	2.326	2.327	-0.001	27424275	1000.0	888.9	M
2	2.679	2.680	-0.001	51570627	1000.0	888.2	M
2	3.152	3.140	0.012	109025655	1000.0	879.3	M
2	3.290	3.290	0.000	47623439	1000.0	894.4	M
2	3.724	3.723	0.001	46321312	1000.0	870.5	M
		Average of Peak Amounts =				884.3	
						RPD = 4.42	
$ 11 DCB Decachlorobiphenyl							
1	10.452	10.471	-0.019	85367675	100.0	74.7	
2	8.966	8.963	0.003	170043880	100.0	83.3	
						RPD = 10.94	
S 12 Polychlorinated biphenyls, Total							
1						924.2	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

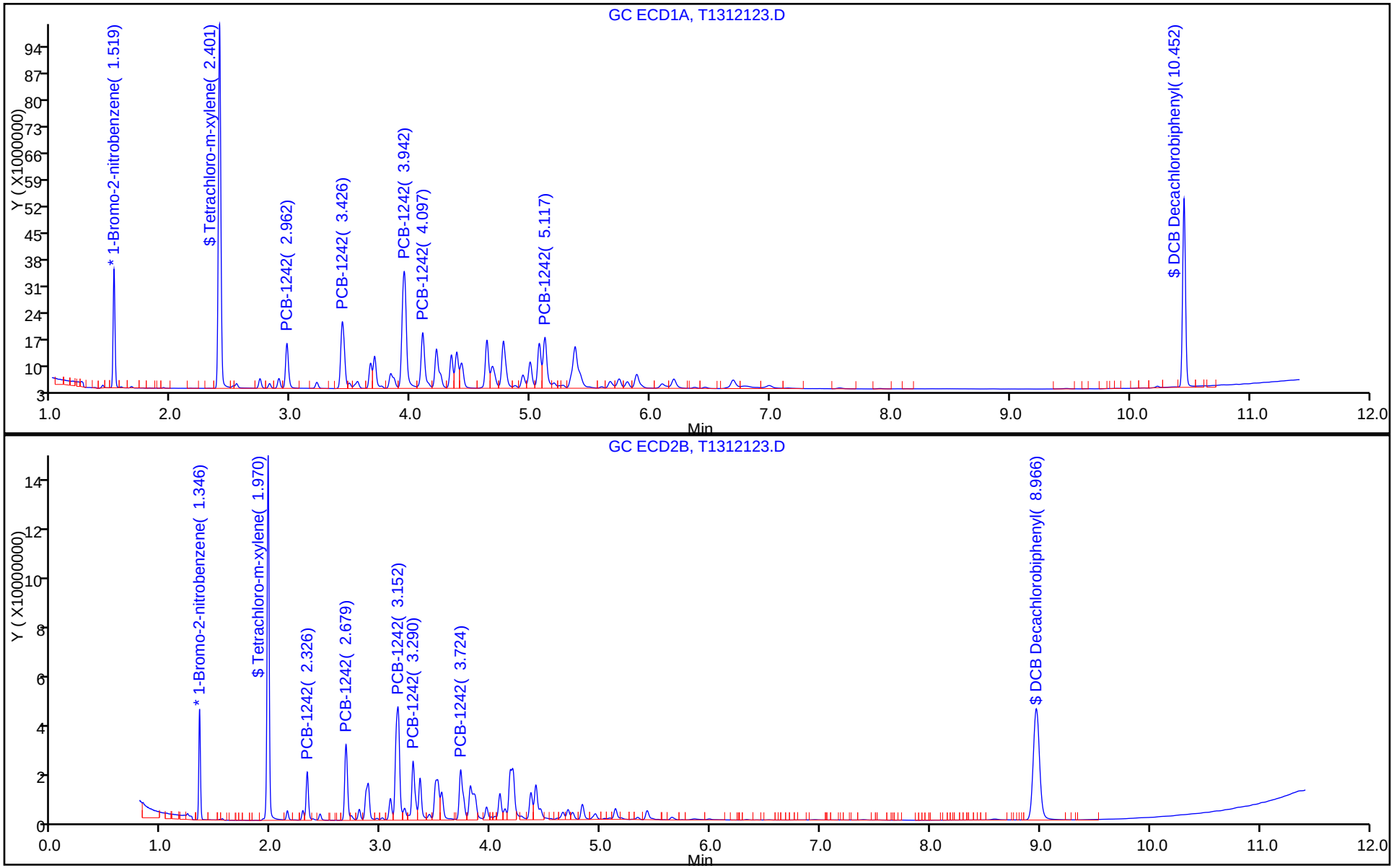
SG1242L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 12-Nov-2015 12:22:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312123.D

Injection Date:	12-Nov-2015 04:36:49	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1242			Worklist Smp#:	58
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	58
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/58 Calibration Date: 11/12/2015 04:36

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312123.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.9345	0.8366		89.5	100	-10.5	20.0
DCB Decachlorobiphenyl	Ave	0.9379	0.7815		83.3	100	-16.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/58 Calibration Date: 11/12/2015 04:36

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312123.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	1.97	1.91	2.01
DCB Decachlorobiphenyl	8.97	8.86	9.06

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312123.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 12-Nov-2015 04:36:49 ALS Bottle#: 58 Worklist Smp#: 58
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-058
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:22:53 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 09:59:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.519	1.521	-0.002	34544350	20.0	20.0	M
2	1.346	1.339	0.007	43517420	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.401	2.405	-0.004	139147829	100.0	90.7	
2	1.970	1.961	0.009	182026284	100.0	89.5	
						RPD = 1.36	
4 PCB-1242							M
1	2.962	2.963	-0.001	20616343	1000.0	915.9	
1	3.426	3.426	0.000	38960319	1000.0	914.9	
1	3.942	3.940	0.002	79366082	1000.0	924.4	
1	4.097	4.096	0.001	33564965	1000.0	922.9	
1	5.117	5.116	0.001	30979296	1000.0	943.0	
		Average of Peak Amounts =				924.2	
2	2.326	2.327	-0.001	27424275	1000.0	888.9	M
2	2.679	2.680	-0.001	51570627	1000.0	888.2	M
2	3.152	3.140	0.012	109025655	1000.0	879.3	M
2	3.290	3.290	0.000	47623439	1000.0	894.4	M
2	3.724	3.723	0.001	46321312	1000.0	870.5	M
		Average of Peak Amounts =				884.3	
						RPD = 4.42	
$ 11 DCB Decachlorobiphenyl							
1	10.452	10.471	-0.019	85367675	100.0	74.7	
2	8.966	8.963	0.003	170043880	100.0	83.3	
						RPD = 10.94	
S 12 Polychlorinated biphenyls, Total							
1						924.2	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

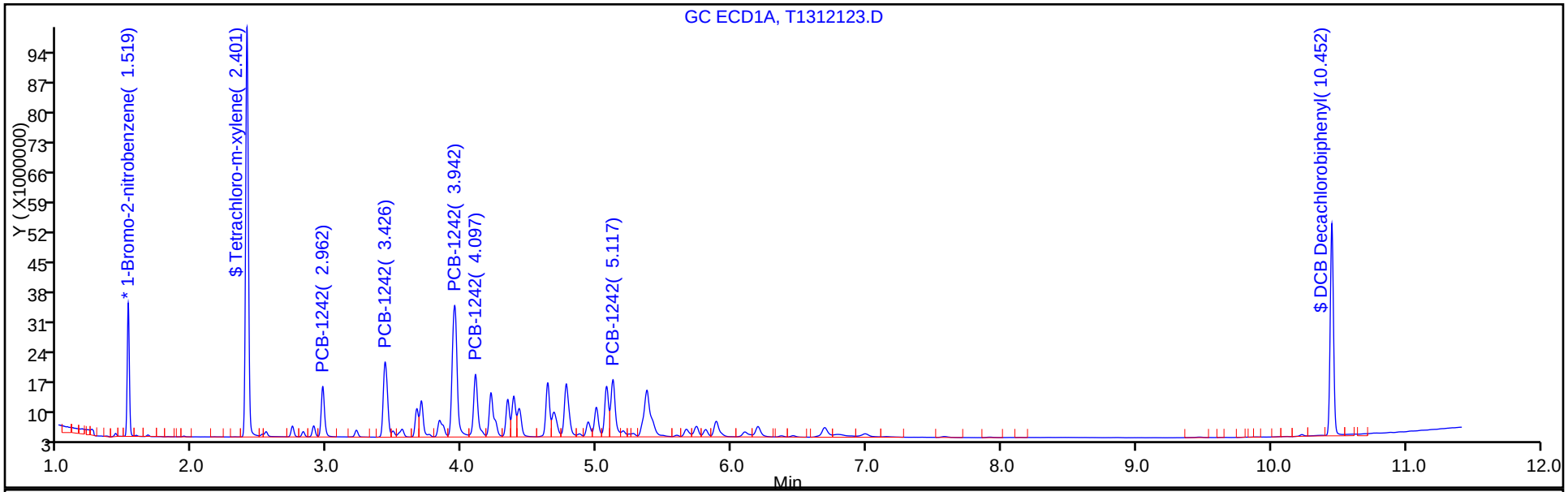
SG1242L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

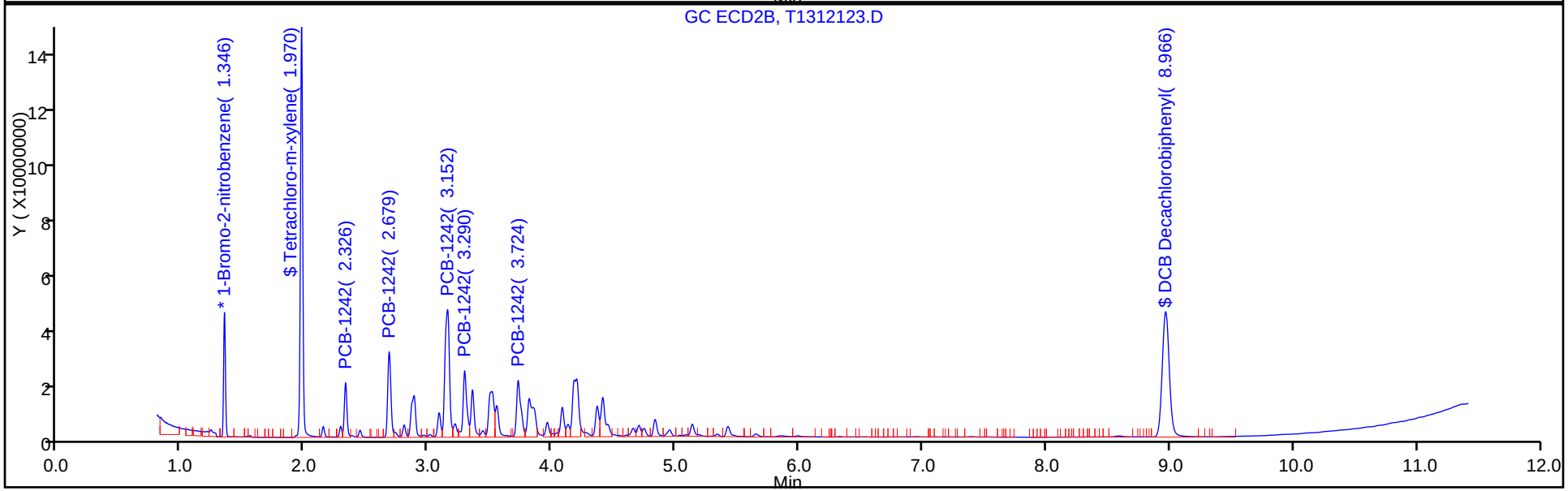
Report Date: 12-Nov-2015 12:22:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312123.D

Injection Date:	12-Nov-2015 04:36:49	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1242			Worklist Smp#:	58
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	58
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/58 Calibration Date: 11/12/2015 04:36

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 13:16

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2015 13:16

Lab File ID: T1312123.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0142	0.0126		889	1000	-11.1	20.0
PCB-1242 Peak 2	Ave	0.0267	0.0237		888	1000	-11.2	20.0
PCB-1242 Peak 3	Ave	0.0570	0.0501		879	1000	-12.1	20.0
PCB-1242 Peak 4	Ave	0.0245	0.0219		894	1000	-10.6	20.0
PCB-1242 Peak 5	Ave	0.0245	0.0213		871	1000	-12.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/58 Calibration Date: 11/12/2015 04:36

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 13:16

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2015 13:16

Lab File ID: T1312123.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	2.33	2.26	2.40
PCB-1242 Peak 2	2.68	2.61	2.75
PCB-1242 Peak 3	3.15	3.07	3.21
PCB-1242 Peak 4	3.29	3.22	3.36
PCB-1242 Peak 5	3.72	3.65	3.79

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312123.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 12-Nov-2015 04:36:49 ALS Bottle#: 58 Worklist Smp#: 58
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-058
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:22:53 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 09:59:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.519	1.521	-0.002	34544350	20.0	20.0	M
2	1.346	1.339	0.007	43517420	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.401	2.405	-0.004	139147829	100.0	90.7	
2	1.970	1.961	0.009	182026284	100.0	89.5	
						RPD = 1.36	
4 PCB-1242							M
1	2.962	2.963	-0.001	20616343	1000.0	915.9	
1	3.426	3.426	0.000	38960319	1000.0	914.9	
1	3.942	3.940	0.002	79366082	1000.0	924.4	
1	4.097	4.096	0.001	33564965	1000.0	922.9	
1	5.117	5.116	0.001	30979296	1000.0	943.0	
		Average of Peak Amounts =				924.2	
2	2.326	2.327	-0.001	27424275	1000.0	888.9	M
2	2.679	2.680	-0.001	51570627	1000.0	888.2	M
2	3.152	3.140	0.012	109025655	1000.0	879.3	M
2	3.290	3.290	0.000	47623439	1000.0	894.4	M
2	3.724	3.723	0.001	46321312	1000.0	870.5	M
		Average of Peak Amounts =				884.3	
						RPD = 4.42	
$ 11 DCB Decachlorobiphenyl							
1	10.452	10.471	-0.019	85367675	100.0	74.7	
2	8.966	8.963	0.003	170043880	100.0	83.3	
						RPD = 10.94	
S 12 Polychlorinated biphenyls, Total							
1						924.2	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

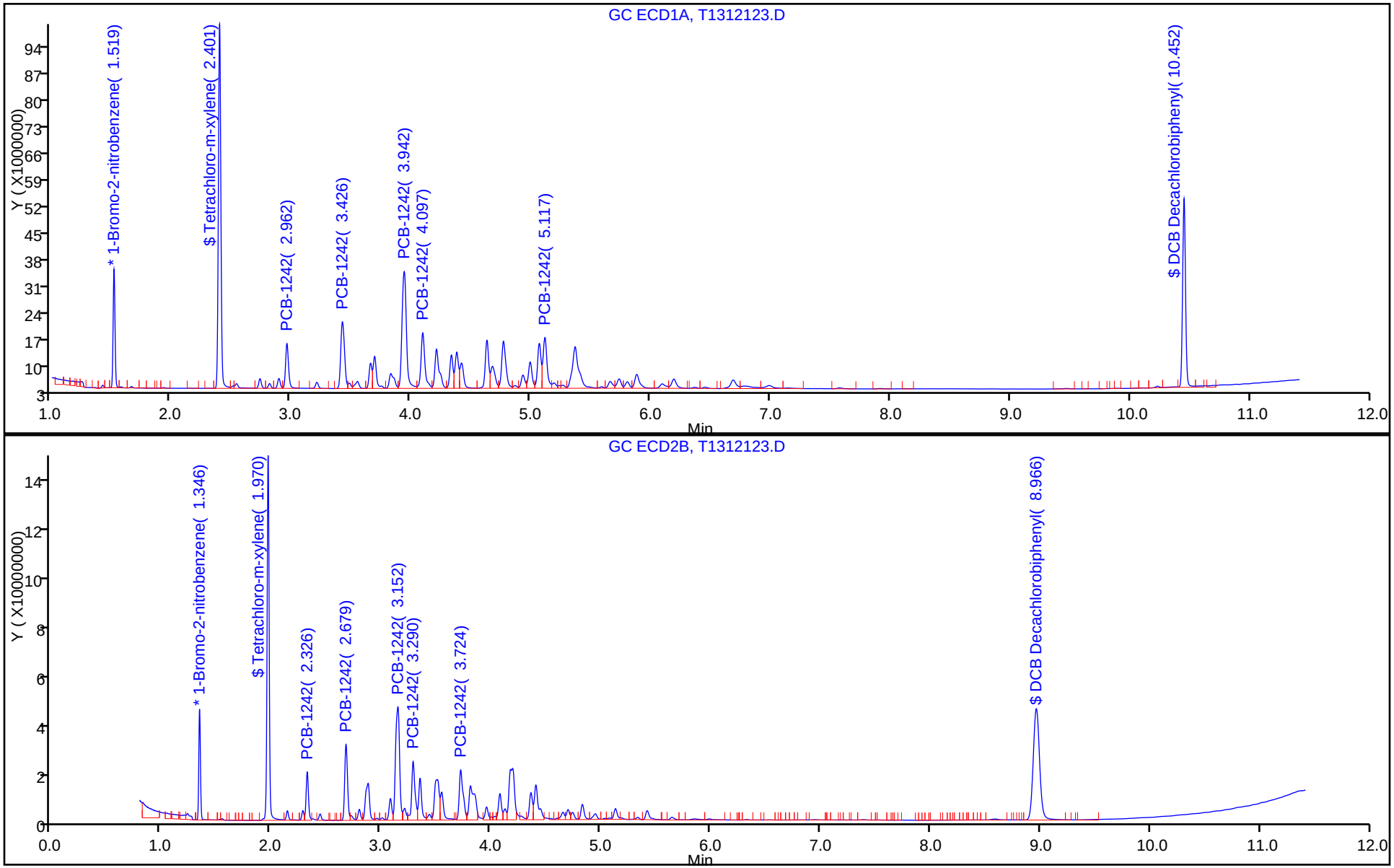
SG1242L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 12-Nov-2015 12:22:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312123.D

Injection Date:	12-Nov-2015 04:36:49	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1242			Worklist Smp#:	58
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	58
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/61 Calibration Date: 11/12/2015 05:20

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312126.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.8878	0.7760		87.4	100	-12.6	20.0
DCB Decachlorobiphenyl	Ave	0.6618	0.5003		75.6	100	-24.4*	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/61 Calibration Date: 11/12/2015 05:20

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312126.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	2.40	2.36	2.46
DCB Decachlorobiphenyl	10.46	10.37	10.57

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312126.D
Lims ID: CCV AR1262
Client ID:
Sample Type: CCV
Inject. Date: 12-Nov-2015 05:20:37 ALS Bottle#: 61 Worklist Smp#: 61
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-061
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub8

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:00 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 10:00:38

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.519	1.521	-0.002	36927139	20.0	20.0	
2	1.345	1.339	0.006	45445515	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.400	2.405	-0.005	143268943	100.0	87.4	
2	1.969	1.961	0.008	188147929	100.0	88.6	
						RPD = 1.36	
9 PCB-1262							M
1	6.143	6.143	0.000	51917210	1000.0	844.3	a
1	6.451	6.451	0.000	58913213	1000.0	847.6	
1	7.144	7.144	0.000	87382404	1000.0	863.8	
1	8.852	8.852	0.000	115436649	1000.0	852.6	
1	9.895	9.895	0.000	56150163	1000.0	853.7	
		Average of Peak Amounts =				852.4	
2	4.883	4.883	0.000	43698454	1000.0	876.2	M
2	5.791	5.791	0.000	121661971	1000.0	851.1	M
2	6.941	6.941	0.000	77445525	1000.0	802.0	M
2	7.082	7.082	0.000	110837120	1000.0	953.3	M
2	8.030	8.030	0.000	85119083	1000.0	843.8	M
		Average of Peak Amounts =				865.3	
						RPD = 1.51	
$ 11 DCB Decachlorobiphenyl							M
1	10.458	10.471	-0.013	92364105	100.0	75.6	
2	8.966	8.963	0.003	185545270	100.0	87.1	M
						RPD = 14.11	
S 12 Polychlorinated biphenyls, Total							
1						852.4	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

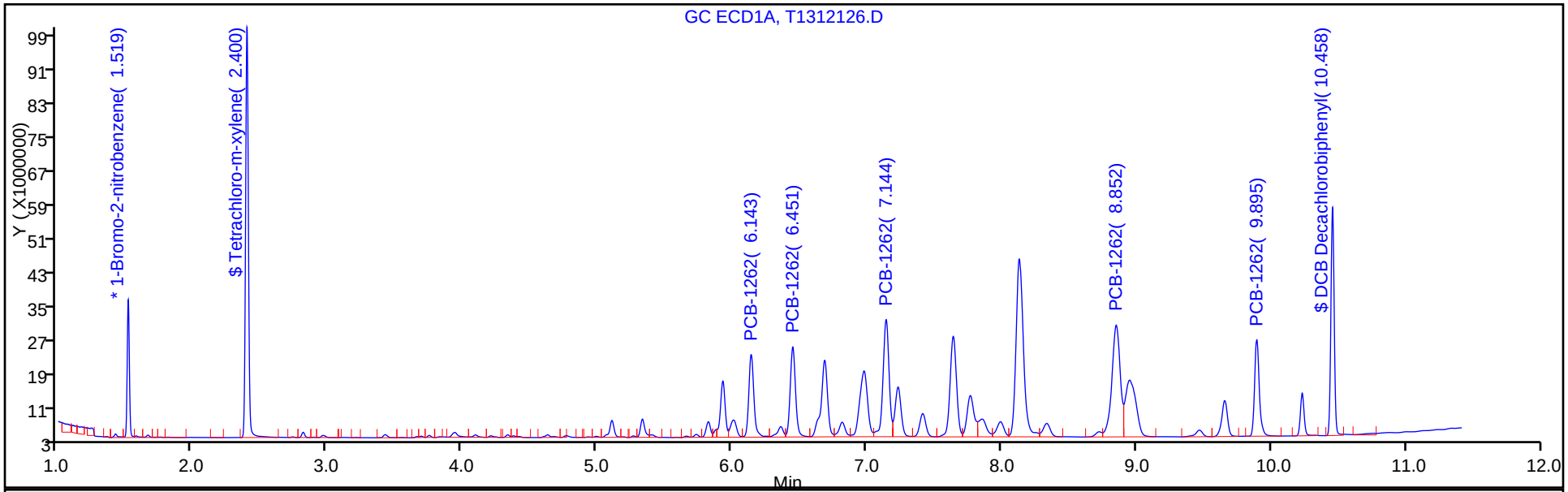
SG1262L3_00021	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

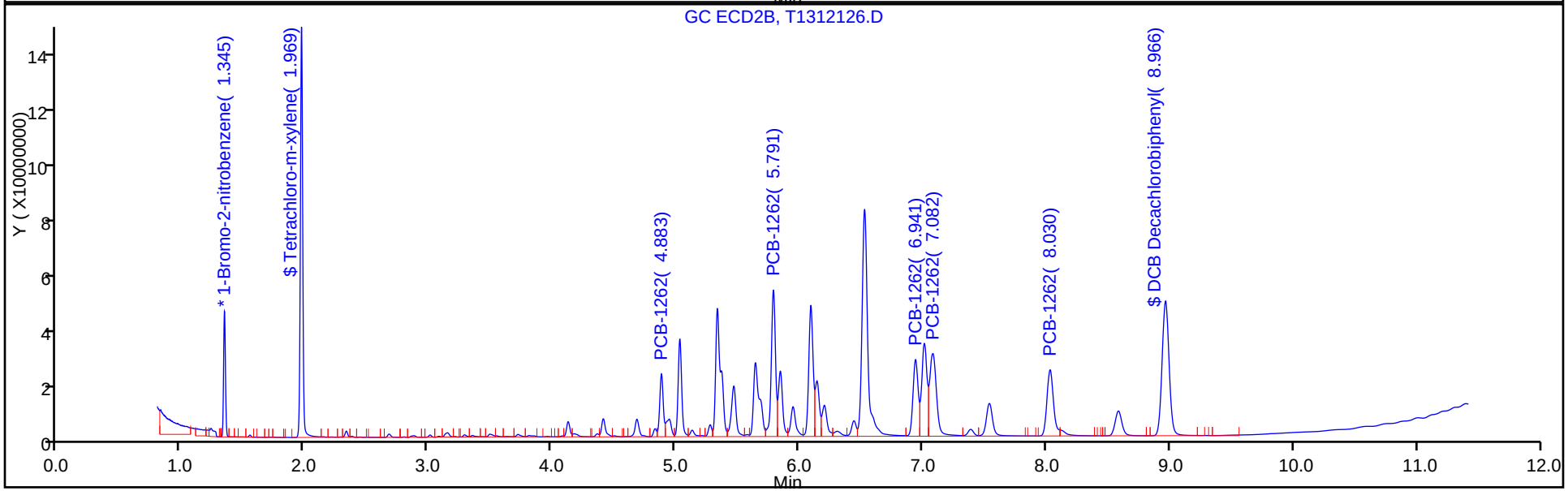
Report Date: 12-Nov-2015 12:23:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312126.D

Injection Date:	12-Nov-2015 05:20:37	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1262			Worklist Smp#:	61
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	61
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/61 Calibration Date: 11/12/2015 05:20

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 13:59

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2015 13:59

Lab File ID: T1312126.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1262 Peak 1	Ave	0.0333	0.0281		844	1000	-15.6	20.0
PCB-1262 Peak 2	Ave	0.0376	0.0319		848	1000	-15.2	20.0
PCB-1262 Peak 3	Ave	0.0548	0.0473		864	1000	-13.6	20.0
PCB-1262 Peak 4	Ave	0.0733	0.0625		853	1000	-14.7	20.0
PCB-1262 Peak 5	Ave	0.0356	0.0304		854	1000	-14.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/61 Calibration Date: 11/12/2015 05:20

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 13:59

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2015 13:59

Lab File ID: T1312126.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1262 Peak 1	6.14	6.07	6.21
PCB-1262 Peak 2	6.45	6.38	6.52
PCB-1262 Peak 3	7.14	7.07	7.21
PCB-1262 Peak 4	8.85	8.78	8.92
PCB-1262 Peak 5	9.90	9.83	9.97

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312126.D
Lims ID: CCV AR1262
Client ID:
Sample Type: CCV
Inject. Date: 12-Nov-2015 05:20:37 ALS Bottle#: 61 Worklist Smp#: 61
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-061
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub8

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:00 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 10:00:38

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.519	1.521	-0.002	36927139	20.0	20.0	
2	1.345	1.339	0.006	45445515	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.400	2.405	-0.005	143268943	100.0	87.4	
2	1.969	1.961	0.008	188147929	100.0	88.6	
						RPD = 1.36	
9 PCB-1262							M
1	6.143	6.143	0.000	51917210	1000.0	844.3	a
1	6.451	6.451	0.000	58913213	1000.0	847.6	
1	7.144	7.144	0.000	87382404	1000.0	863.8	
1	8.852	8.852	0.000	115436649	1000.0	852.6	
1	9.895	9.895	0.000	56150163	1000.0	853.7	
		Average of Peak Amounts =				852.4	
2	4.883	4.883	0.000	43698454	1000.0	876.2	M
2	5.791	5.791	0.000	121661971	1000.0	851.1	M
2	6.941	6.941	0.000	77445525	1000.0	802.0	M
2	7.082	7.082	0.000	110837120	1000.0	953.3	M
2	8.030	8.030	0.000	85119083	1000.0	843.8	M
		Average of Peak Amounts =				865.3	
						RPD = 1.51	
$ 11 DCB Decachlorobiphenyl							M
1	10.458	10.471	-0.013	92364105	100.0	75.6	
2	8.966	8.963	0.003	185545270	100.0	87.1	M
						RPD = 14.11	
S 12 Polychlorinated biphenyls, Total							
1						852.4	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

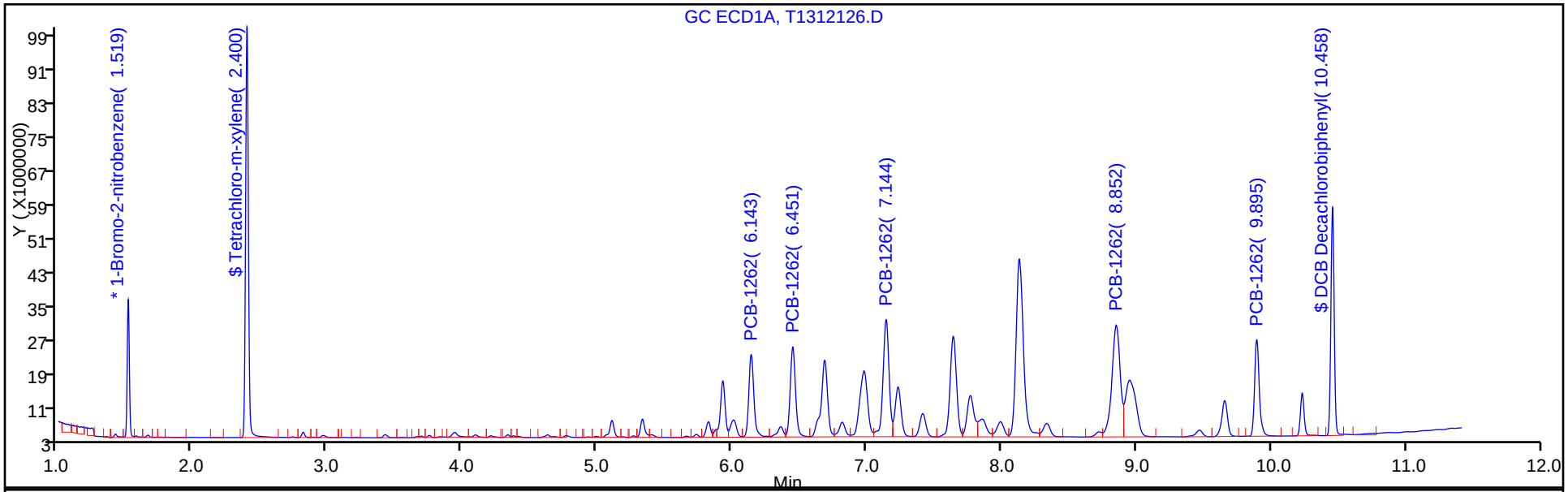
SG1262L3_00021	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

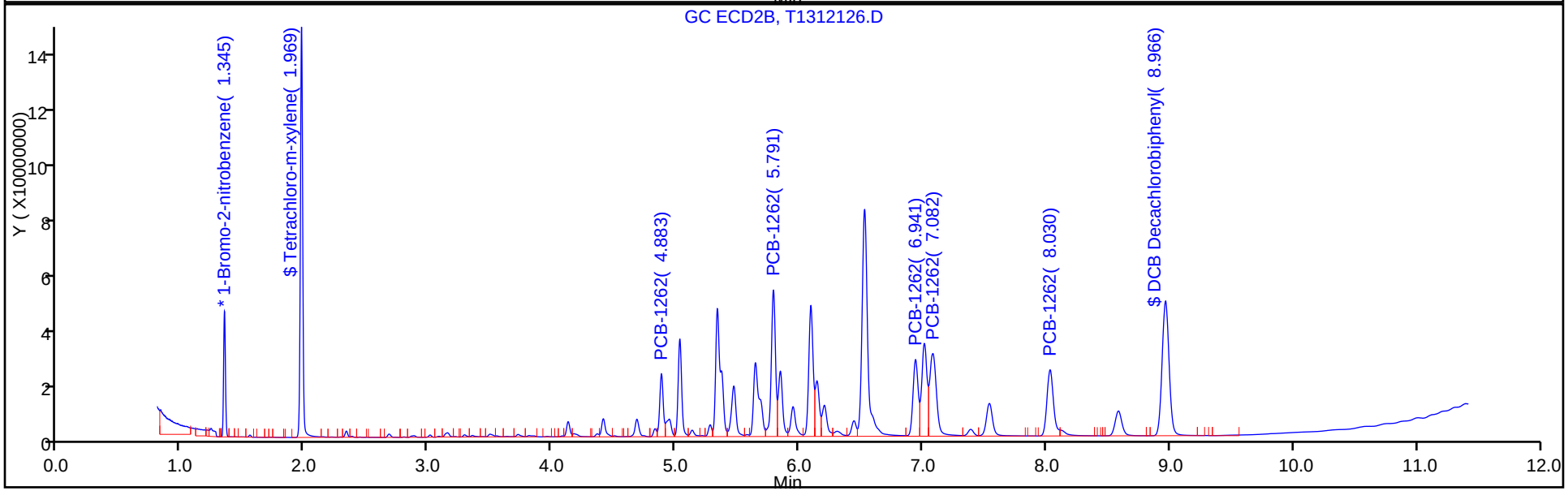
Report Date: 12-Nov-2015 12:23:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312126.D

Injection Date:	12-Nov-2015 05:20:37	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1262			Worklist Smp#:	61
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	61
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/61 Calibration Date: 11/12/2015 05:20

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312126.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.9345	0.8280		88.6	100	-11.4	20.0
DCB Decachlorobiphenyl	Ave	0.9379	0.8166		87.1	100	-12.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/61 Calibration Date: 11/12/2015 05:20

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312126.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	1.97	1.91	2.01
DCB Decachlorobiphenyl	8.97	8.86	9.06

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312126.D
Lims ID: CCV AR1262
Client ID:
Sample Type: CCV
Inject. Date: 12-Nov-2015 05:20:37 ALS Bottle#: 61 Worklist Smp#: 61
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-061
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub8

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:00 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 10:00:38

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.519	1.521	-0.002	36927139	20.0	20.0	
2	1.345	1.339	0.006	45445515	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.400	2.405	-0.005	143268943	100.0	87.4	
2	1.969	1.961	0.008	188147929	100.0	88.6	
						RPD = 1.36	
9 PCB-1262							M
1	6.143	6.143	0.000	51917210	1000.0	844.3	a
1	6.451	6.451	0.000	58913213	1000.0	847.6	
1	7.144	7.144	0.000	87382404	1000.0	863.8	
1	8.852	8.852	0.000	115436649	1000.0	852.6	
1	9.895	9.895	0.000	56150163	1000.0	853.7	
		Average of Peak Amounts =				852.4	
2	4.883	4.883	0.000	43698454	1000.0	876.2	M
2	5.791	5.791	0.000	121661971	1000.0	851.1	M
2	6.941	6.941	0.000	77445525	1000.0	802.0	M
2	7.082	7.082	0.000	110837120	1000.0	953.3	M
2	8.030	8.030	0.000	85119083	1000.0	843.8	M
		Average of Peak Amounts =				865.3	
						RPD = 1.51	
$ 11 DCB Decachlorobiphenyl							M
1	10.458	10.471	-0.013	92364105	100.0	75.6	
2	8.966	8.963	0.003	185545270	100.0	87.1	M
						RPD = 14.11	
S 12 Polychlorinated biphenyls, Total							
1						852.4	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

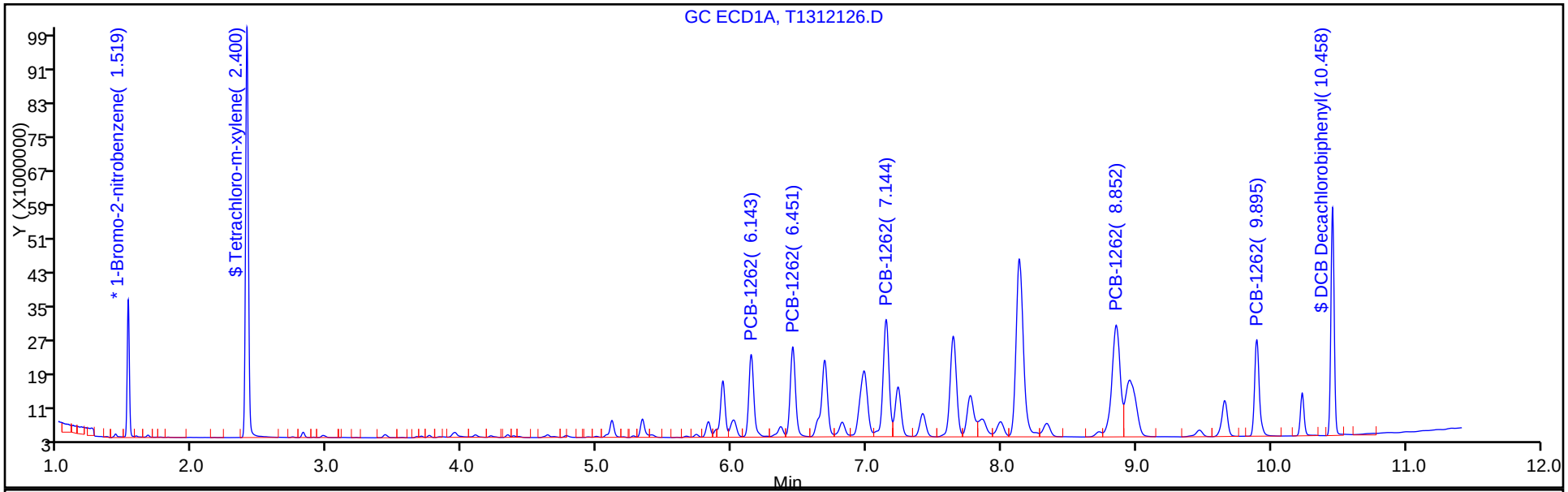
SG1262L3_00021	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

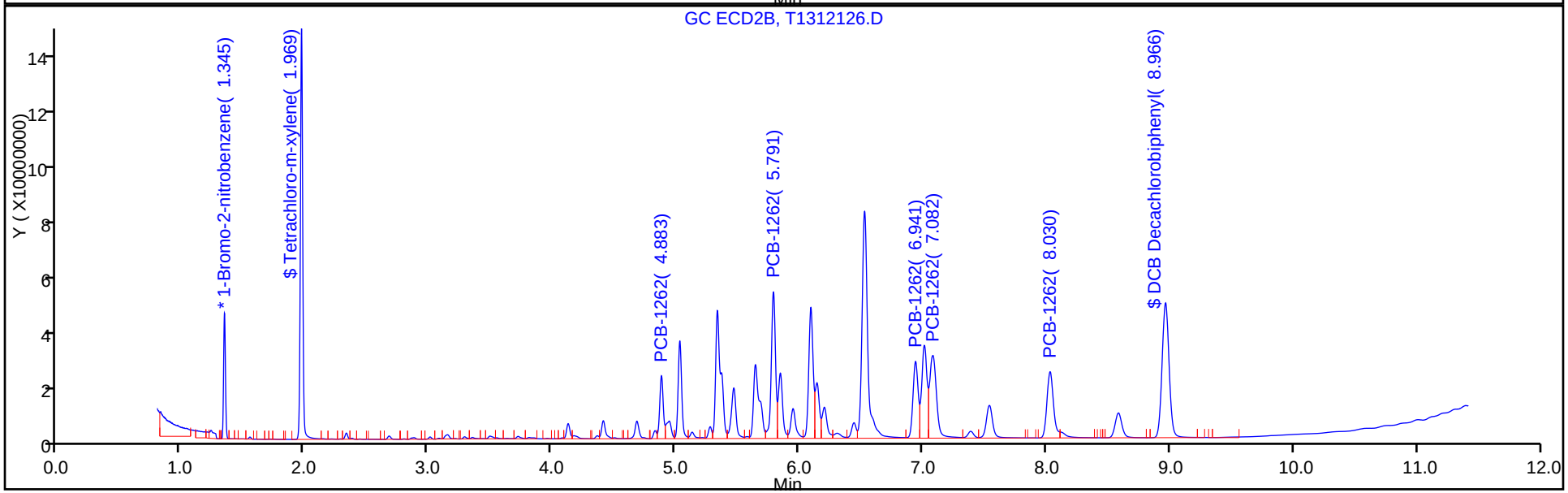
Report Date: 12-Nov-2015 12:23:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312126.D

Injection Date:	12-Nov-2015 05:20:37	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1262			Worklist Smp#:	61
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	61
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/61 Calibration Date: 11/12/2015 05:20

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 13:59

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2015 13:59

Lab File ID: T1312126.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1262 Peak 1	Ave	0.0219	0.0192		876	1000	-12.4	20.0
PCB-1262 Peak 2	Ave	0.0629	0.0535		851	1000	-14.9	20.0
PCB-1262 Peak 3	Ave	0.0425	0.0341		802	1000	-19.8	20.0
PCB-1262 Peak 4	Ave	0.0512	0.0488		953	1000	-4.7	20.0
PCB-1262 Peak 5	Ave	0.0444	0.0375		844	1000	-15.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/61 Calibration Date: 11/12/2015 05:20

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 13:59

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2015 13:59

Lab File ID: T1312126.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1262 Peak 1	4.88	4.81	4.95
PCB-1262 Peak 2	5.79	5.72	5.86
PCB-1262 Peak 3	6.94	6.87	7.01
PCB-1262 Peak 4	7.08	7.01	7.15
PCB-1262 Peak 5	8.03	7.96	8.10

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312126.D
Lims ID: CCV AR1262
Client ID:
Sample Type: CCV
Inject. Date: 12-Nov-2015 05:20:37 ALS Bottle#: 61 Worklist Smp#: 61
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-061
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub8

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:00 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 10:00:38

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.519	1.521	-0.002	36927139	20.0	20.0	
2	1.345	1.339	0.006	45445515	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.400	2.405	-0.005	143268943	100.0	87.4	
2	1.969	1.961	0.008	188147929	100.0	88.6	
						RPD = 1.36	
9 PCB-1262							M
1	6.143	6.143	0.000	51917210	1000.0	844.3	a
1	6.451	6.451	0.000	58913213	1000.0	847.6	
1	7.144	7.144	0.000	87382404	1000.0	863.8	
1	8.852	8.852	0.000	115436649	1000.0	852.6	
1	9.895	9.895	0.000	56150163	1000.0	853.7	
		Average of Peak Amounts =				852.4	
2	4.883	4.883	0.000	43698454	1000.0	876.2	M
2	5.791	5.791	0.000	121661971	1000.0	851.1	M
2	6.941	6.941	0.000	77445525	1000.0	802.0	M
2	7.082	7.082	0.000	110837120	1000.0	953.3	M
2	8.030	8.030	0.000	85119083	1000.0	843.8	M
		Average of Peak Amounts =				865.3	
						RPD = 1.51	
$ 11 DCB Decachlorobiphenyl							M
1	10.458	10.471	-0.013	92364105	100.0	75.6	
2	8.966	8.963	0.003	185545270	100.0	87.1	M
						RPD = 14.11	
S 12 Polychlorinated biphenyls, Total							
1						852.4	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

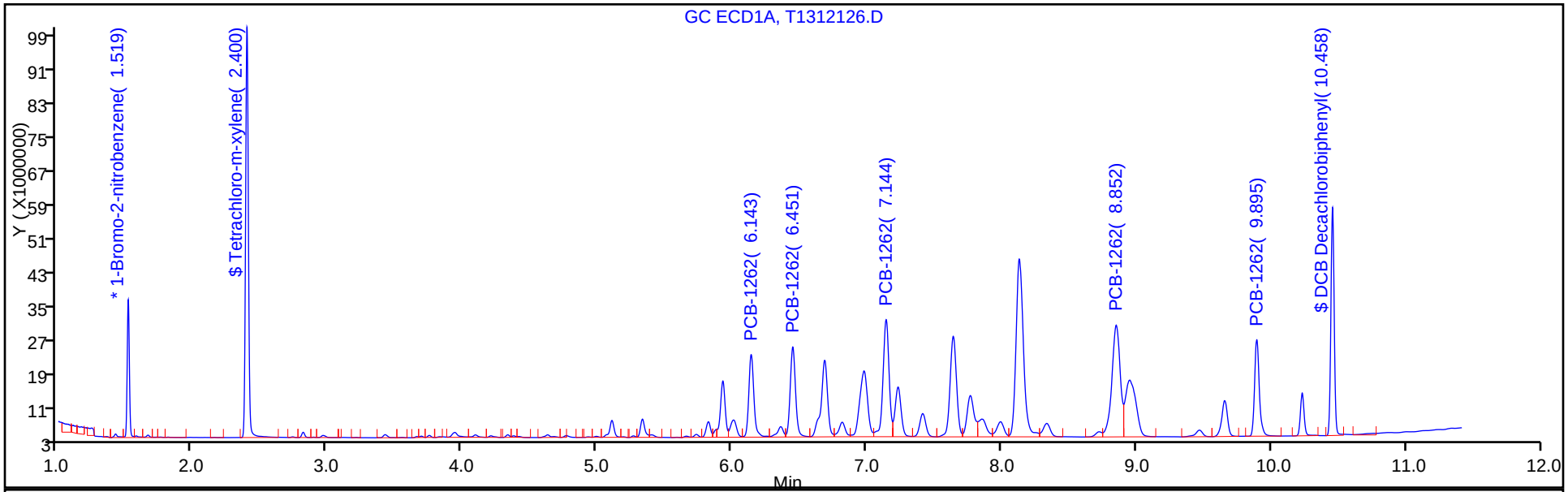
SG1262L3_00021	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

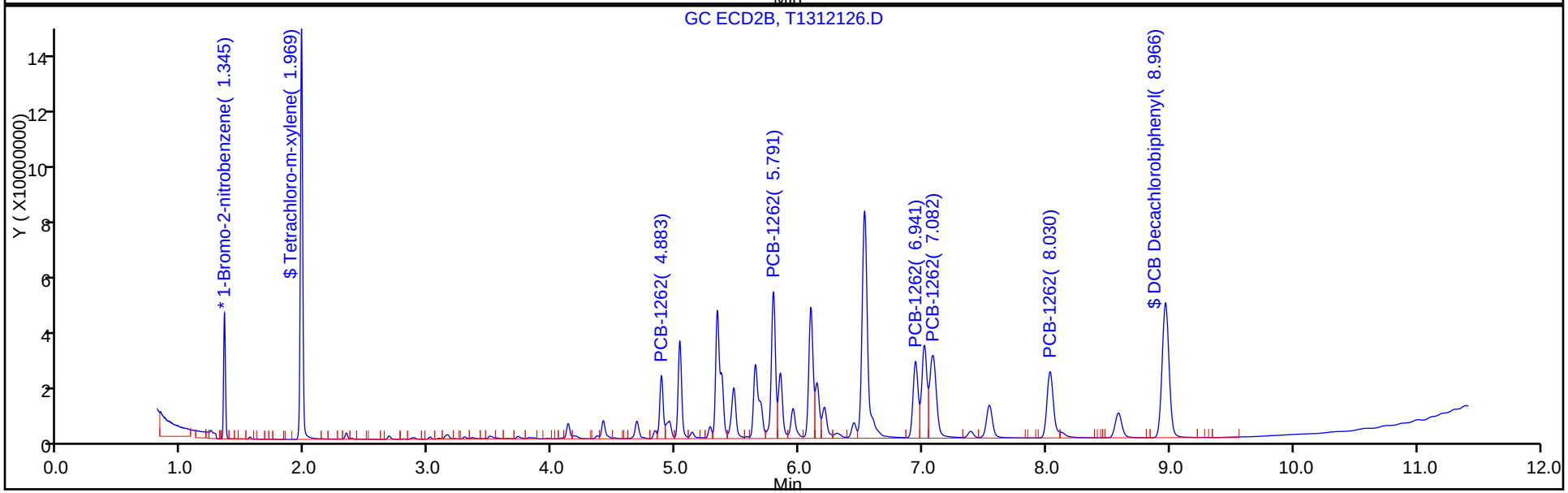
Report Date: 12-Nov-2015 12:23:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312126.D

Injection Date:	12-Nov-2015 05:20:37	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1262			Worklist Smp#:	61
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	61
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334728/64 Calibration Date: 11/12/2015 06:04

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312129.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0177	0.0169		953	1000	-4.7	20.0
PCB-1016 Peak 2	Ave	0.0337	0.0324		961	1000	-3.9	20.0
PCB-1016 Peak 3	Ave	0.0695	0.0675		971	1000	-2.9	20.0
PCB-1016 Peak 4	Ave	0.0234	0.0222		951	1000	-4.9	20.0
PCB-1016 Peak 5	Ave	0.0259	0.0264		1020	1000	2.0	20.0
PCB-1260 Peak 1	Ave	0.0476	0.0462		969	1000	-3.1	20.0
PCB-1260 Peak 2	Ave	0.0523	0.0522		998	1000	-0.2	20.0
PCB-1260 Peak 3	Ave	0.0384	0.0389		1010	1000	1.3	20.0
PCB-1260 Peak 4	Ave	0.0855	0.0860		1010	1000	0.6	20.0
PCB-1260 Peak 5	Ave	0.0214	0.0207		964	1000	-3.6	20.0
Tetrachloro-m-xylene	Ave	0.8878	0.8947		101	100	0.8	20.0
DCB Decachlorobiphenyl	Ave	0.6618	0.6361		96.1	100	-3.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334728/64 Calibration Date: 11/12/2015 06:04

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312129.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.96	2.90	3.04
PCB-1016 Peak 2	3.43	3.36	3.50
PCB-1016 Peak 3	3.94	3.88	4.02
PCB-1016 Peak 4	4.63	4.57	4.71
PCB-1016 Peak 5	4.77	4.71	4.85
PCB-1260 Peak 1	6.14	6.08	6.22
PCB-1260 Peak 2	6.45	6.39	6.53
PCB-1260 Peak 3	7.64	7.58	7.72
PCB-1260 Peak 4	8.13	8.08	8.22
PCB-1260 Peak 5	9.90	9.83	9.97
Tetrachloro-m-xylene	2.40	2.36	2.46
DCB Decachlorobiphenyl	10.46	10.37	10.57

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312129.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 12-Nov-2015 06:04:26 ALS Bottle#: 64 Worklist Smp#: 64
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-064
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:07 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 09:59:03

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.519	1.521	-0.002	30050472	20.0	20.0	
2	1.345	1.339	0.006	37374467	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.400	2.405	-0.005	134425460	100.0	100.8	
2	1.969	1.961	0.008	178544146	100.0	102.2	
						RPD = 1.44	
5 PCB-1016							
1	2.962	2.967	-0.005	25335045	1000.0	953.1	
1	3.426	3.431	-0.005	48743971	1000.0	961.3	
1	3.942	3.948	-0.006	101361250	1000.0	971.0	
1	4.632	4.638	-0.006	33400232	1000.0	951.1	
1	4.769	4.776	-0.007	39641282	1000.0	1020.2	
		Average of Peak Amounts =				971.3	
2	2.324	2.316	0.008	33788964	1000.0	959.2	
2	2.678	2.670	0.008	68081339	1000.0	1006.7	
2	3.151	3.142	0.009	140407317	1000.0	979.2	
2	3.289	3.282	0.007	58038269	1000.0	926.2	
2	3.723	3.715	0.008	58531992	1000.0	923.0	
		Average of Peak Amounts =				958.9	
						RPD = 1.29	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.143	6.152	-0.009	69347809	1000.0	969.2	
1	6.451	6.459	-0.008	78415217	1000.0	997.6	
1	7.643	7.654	-0.011	58454993	1000.0	1012.7	M
1	8.134	8.146	-0.012	129217717	1000.0	1006.3	
1	9.895	9.904	-0.009	31025484	1000.0	964.3	
		Average of Peak Amounts =				990.0	
2	5.031	5.027	0.004	89214944	1000.0	1002.8	
2	6.093	6.090	0.003	81191509	1000.0	949.4	
2	6.529	6.525	0.004	181362259	1000.0	986.2	M
2	6.942	6.937	0.005	95901910	1000.0	920.7	
2	8.032	8.026	0.006	46697063	1000.0	949.8	M
		Average of Peak Amounts =				961.8	
						RPD = 2.89	
$ 11 DCB Decachlorobiphenyl							
1	10.455	10.471	-0.016	95575972	100.0	96.1	
2	8.965	8.963	0.002	184415410	100.0	105.2	
						RPD = 9.04	
S 12 Polychlorinated biphenyls, Total							
1						1961.3	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

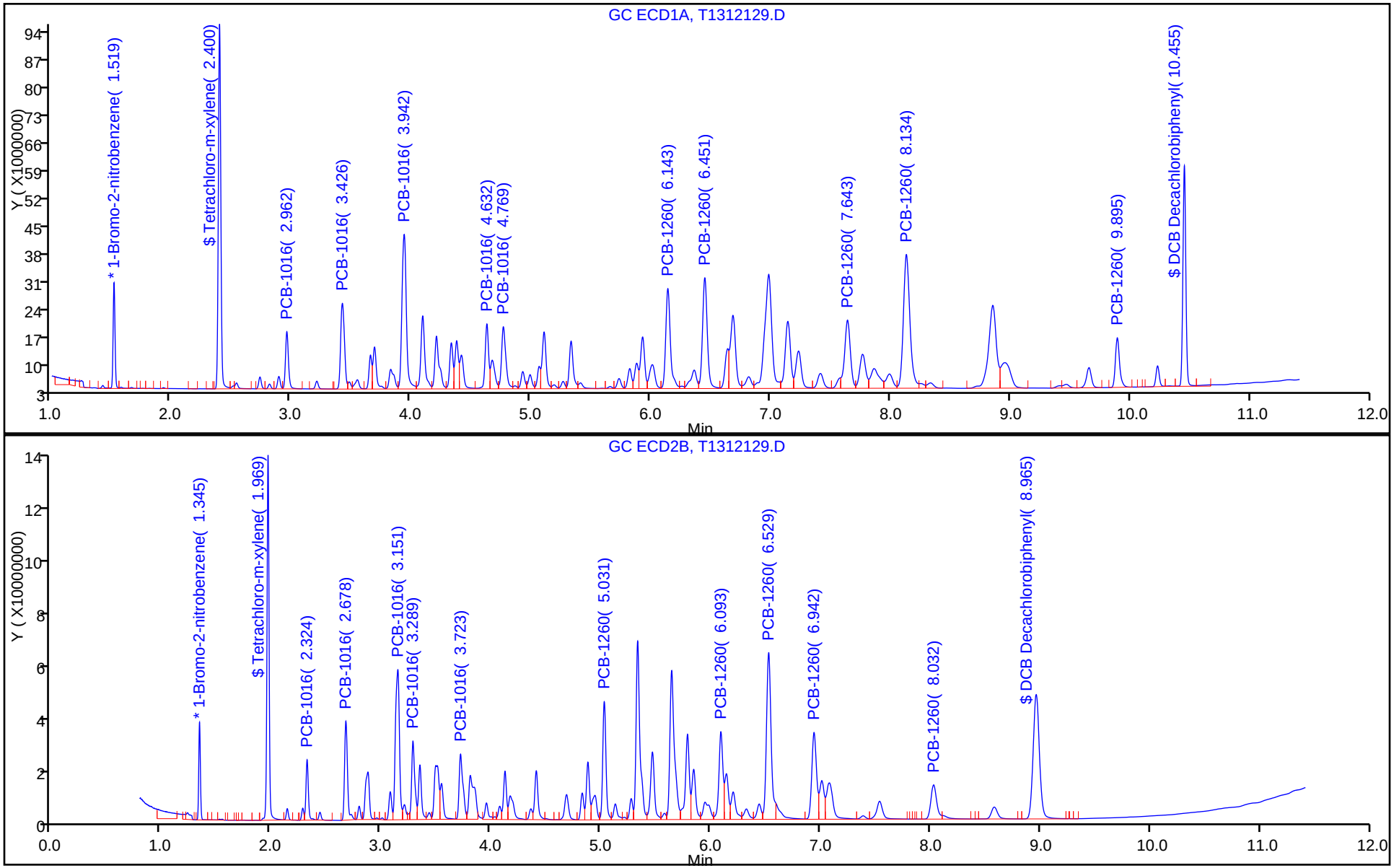
SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 12-Nov-2015 12:23:08 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312129.D

Injection Date:	12-Nov-2015 06:04:26	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV			Worklist Smp#:	64
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	64
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334728/64 Calibration Date: 11/12/2015 06:04

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312129.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0189	0.0181		959	1000	-4.1	20.0
PCB-1016 Peak 2	Ave	0.0362	0.0364		1010	1000	0.7	20.0
PCB-1016 Peak 3	Ave	0.0767	0.0751		979	1000	-2.1	20.0
PCB-1016 Peak 4	Ave	0.0335	0.0311		926	1000	-7.4	20.0
PCB-1016 Peak 5	Ave	0.0339	0.0313		923	1000	-7.7	20.0
PCB-1260 Peak 1	Ave	0.0476	0.0477		1000	1000	0.3	20.0
PCB-1260 Peak 2	Ave	0.0458	0.0435		949	1000	-5.1	20.0
PCB-1260 Peak 3	Ave	0.0984	0.0971		986	1000	-1.4	20.0
PCB-1260 Peak 4	Ave	0.0557	0.0513		921	1000	-7.9	20.0
PCB-1260 Peak 5	Ave	0.0263	0.0250		950	1000	-5.0	20.0
Tetrachloro-m-xylene	Ave	0.9345	0.9554		102	100	2.2	20.0
DCB Decachlorobiphenyl	Ave	0.9379	0.9869		105	100	5.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334728/64 Calibration Date: 11/12/2015 06:04

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312129.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.32	2.25	2.39
PCB-1016 Peak 2	2.68	2.60	2.74
PCB-1016 Peak 3	3.15	3.07	3.21
PCB-1016 Peak 4	3.29	3.21	3.35
PCB-1016 Peak 5	3.72	3.65	3.79
PCB-1260 Peak 1	5.03	4.96	5.10
PCB-1260 Peak 2	6.09	6.02	6.16
PCB-1260 Peak 3	6.53	6.46	6.60
PCB-1260 Peak 4	6.94	6.87	7.01
PCB-1260 Peak 5	8.03	7.96	8.10
Tetrachloro-m-xylene	1.97	1.91	2.01
DCB Decachlorobiphenyl	8.97	8.86	9.06

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312129.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 12-Nov-2015 06:04:26 ALS Bottle#: 64 Worklist Smp#: 64
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-064
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:07 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 09:59:03

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.519	1.521	-0.002	30050472	20.0	20.0	
2	1.345	1.339	0.006	37374467	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.400	2.405	-0.005	134425460	100.0	100.8	
2	1.969	1.961	0.008	178544146	100.0	102.2	
						RPD = 1.44	
5 PCB-1016							
1	2.962	2.967	-0.005	25335045	1000.0	953.1	
1	3.426	3.431	-0.005	48743971	1000.0	961.3	
1	3.942	3.948	-0.006	101361250	1000.0	971.0	
1	4.632	4.638	-0.006	33400232	1000.0	951.1	
1	4.769	4.776	-0.007	39641282	1000.0	1020.2	
		Average of Peak Amounts =				971.3	
2	2.324	2.316	0.008	33788964	1000.0	959.2	
2	2.678	2.670	0.008	68081339	1000.0	1006.7	
2	3.151	3.142	0.009	140407317	1000.0	979.2	
2	3.289	3.282	0.007	58038269	1000.0	926.2	
2	3.723	3.715	0.008	58531992	1000.0	923.0	
		Average of Peak Amounts =				958.9	
						RPD = 1.29	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.143	6.152	-0.009	69347809	1000.0	969.2	
1	6.451	6.459	-0.008	78415217	1000.0	997.6	
1	7.643	7.654	-0.011	58454993	1000.0	1012.7	M
1	8.134	8.146	-0.012	129217717	1000.0	1006.3	
1	9.895	9.904	-0.009	31025484	1000.0	964.3	
		Average of Peak Amounts =				990.0	
2	5.031	5.027	0.004	89214944	1000.0	1002.8	
2	6.093	6.090	0.003	81191509	1000.0	949.4	
2	6.529	6.525	0.004	181362259	1000.0	986.2	M
2	6.942	6.937	0.005	95901910	1000.0	920.7	
2	8.032	8.026	0.006	46697063	1000.0	949.8	M
		Average of Peak Amounts =				961.8	
						RPD = 2.89	
$ 11 DCB Decachlorobiphenyl							
1	10.455	10.471	-0.016	95575972	100.0	96.1	
2	8.965	8.963	0.002	184415410	100.0	105.2	
						RPD = 9.04	
S 12 Polychlorinated biphenyls, Total							
1						1961.3	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

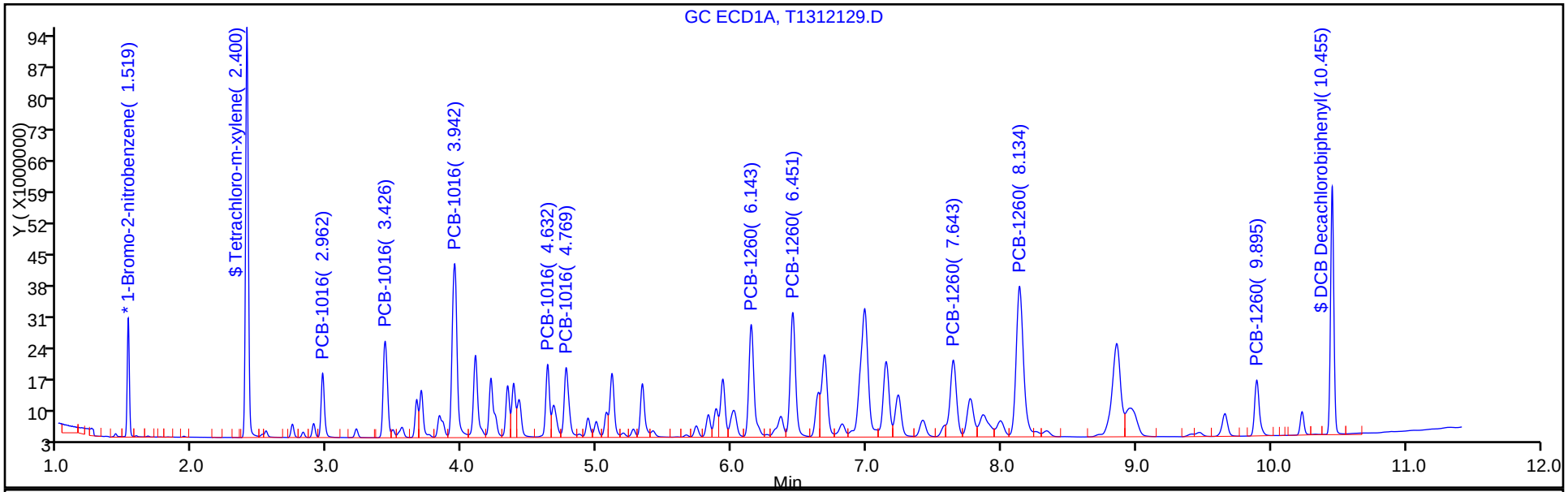
SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

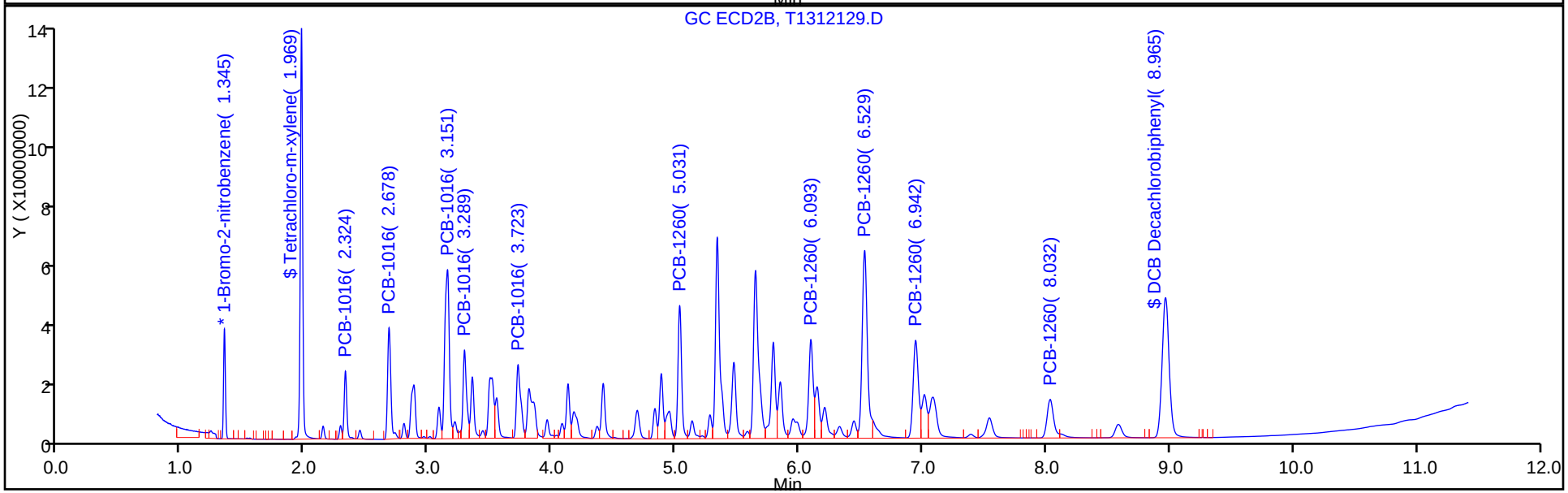
Report Date: 12-Nov-2015 12:23:08 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312129.D

Injection Date:	12-Nov-2015 06:04:26	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV			Worklist Smp#:	64
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	64
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/80 Calibration Date: 11/12/2015 10:40

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312145.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.8878	0.8154		91.9	100	-8.1	20.0
DCB Decachlorobiphenyl	Ave	0.6618	0.5928		89.6	100	-10.4	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/80 Calibration Date: 11/12/2015 10:40

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312145.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	2.40	2.36	2.46
DCB Decachlorobiphenyl	10.47	10.37	10.57

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312145.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 12-Nov-2015 10:40:56 ALS Bottle#: 80 Worklist Smp#: 80
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:47 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 12:15:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.519	1.521	-0.002	35889217	20.0	20.0	
2	1.344	1.339	0.005	44943614	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.399	2.405	-0.006	146327383	100.0	91.9	
2	1.968	1.961	0.007	197410975	100.0	94.0	
						RPD = 2.32	
4 PCB-1242							M
1	2.961	2.963	-0.002	22034045	1000.0	942.2	
1	3.424	3.426	-0.002	41610825	1000.0	940.6	
1	3.940	3.940	0.000	85027292	1000.0	953.2	
1	4.095	4.096	-0.001	36410376	1000.0	963.6	
1	5.115	5.116	-0.001	34809186	1000.0	1019.9	
		Average of Peak Amounts =				963.9	
2	2.324	2.327	-0.003	29758452	1000.0	933.9	M
2	2.676	2.680	-0.004	56309018	1000.0	939.1	M
2	3.149	3.140	0.009	119733567	1000.0	935.0	M
2	3.287	3.290	-0.003	50187506	1000.0	912.6	M
2	3.720	3.723	-0.003	51307940	1000.0	933.6	M
		Average of Peak Amounts =				930.8	
						RPD = 3.49	
$ 11 DCB Decachlorobiphenyl							
1	10.471	10.471	0.000	106382089	100.0	89.6	
2	8.963	8.963	0.000	202410393	100.0	96.0	
						RPD = 6.96	
S 12 Polychlorinated biphenyls, Total							
1						963.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

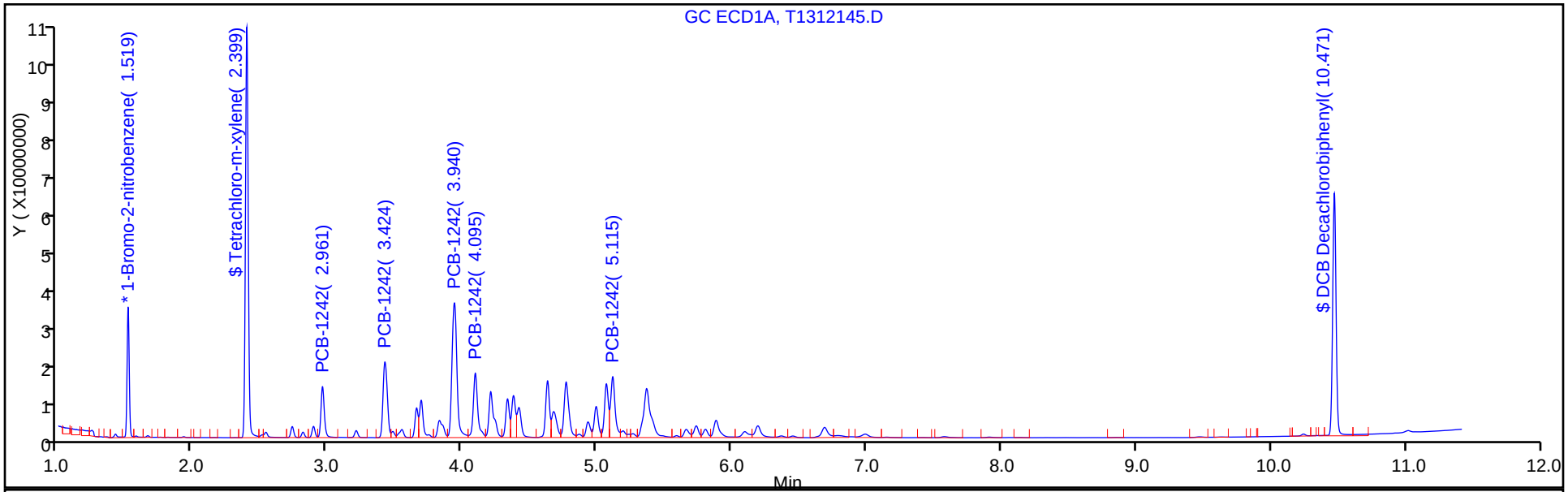
SG1242L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

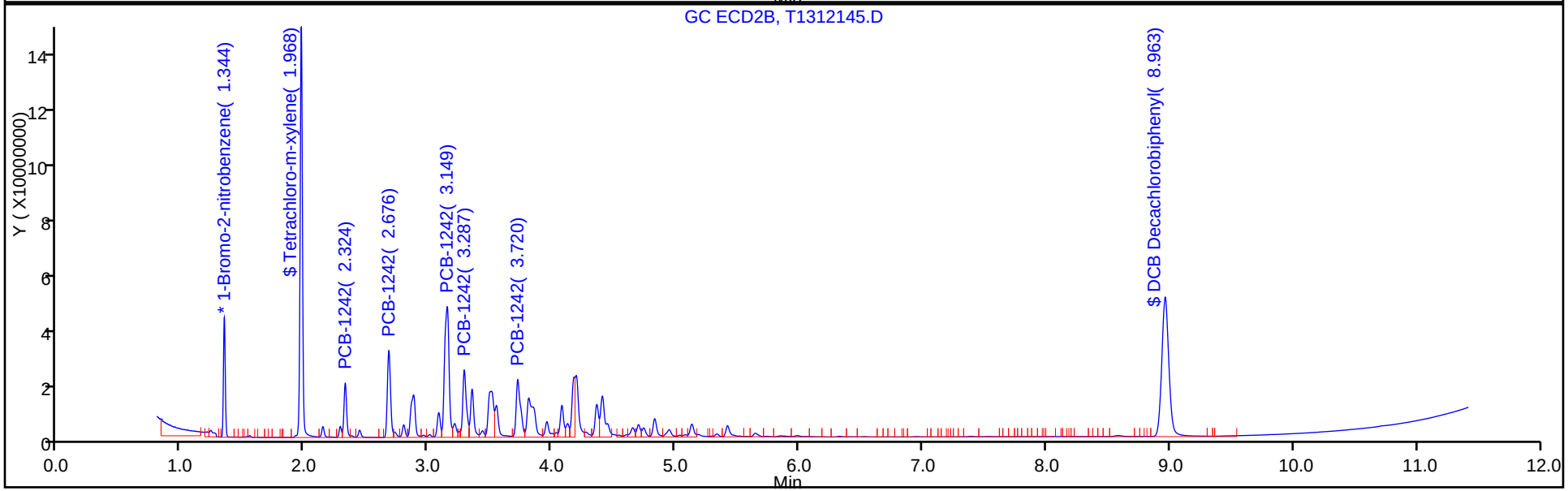
Report Date: 12-Nov-2015 12:23:47 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312145.D

Injection Date:	12-Nov-2015 10:40:56	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1242			Worklist Smp#:	80
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	80
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/80 Calibration Date: 11/12/2015 10:40

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 13:16

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2015 13:16

Lab File ID: T1312145.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0130	0.0123		942	1000	-5.8	20.0
PCB-1242 Peak 2	Ave	0.0247	0.0232		941	1000	-5.9	20.0
PCB-1242 Peak 3	Ave	0.0497	0.0474		953	1000	-4.7	20.0
PCB-1242 Peak 4	Ave	0.0211	0.0203		964	1000	-3.6	20.0
PCB-1242 Peak 5	Ave	0.0190	0.0194		1020	1000	2.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/80 Calibration Date: 11/12/2015 10:40

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 13:16

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2015 13:16

Lab File ID: T1312145.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	2.96	2.89	3.03
PCB-1242 Peak 2	3.42	3.36	3.50
PCB-1242 Peak 3	3.94	3.87	4.01
PCB-1242 Peak 4	4.10	4.03	4.17
PCB-1242 Peak 5	5.12	5.05	5.19

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312145.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 12-Nov-2015 10:40:56 ALS Bottle#: 80 Worklist Smp#: 80
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:47 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 12:15:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.519	1.521	-0.002	35889217	20.0	20.0	
2	1.344	1.339	0.005	44943614	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.399	2.405	-0.006	146327383	100.0	91.9	
2	1.968	1.961	0.007	197410975	100.0	94.0	
						RPD = 2.32	
4 PCB-1242							M
1	2.961	2.963	-0.002	22034045	1000.0	942.2	
1	3.424	3.426	-0.002	41610825	1000.0	940.6	
1	3.940	3.940	0.000	85027292	1000.0	953.2	
1	4.095	4.096	-0.001	36410376	1000.0	963.6	
1	5.115	5.116	-0.001	34809186	1000.0	1019.9	
		Average of Peak Amounts =				963.9	
2	2.324	2.327	-0.003	29758452	1000.0	933.9	M
2	2.676	2.680	-0.004	56309018	1000.0	939.1	M
2	3.149	3.140	0.009	119733567	1000.0	935.0	M
2	3.287	3.290	-0.003	50187506	1000.0	912.6	M
2	3.720	3.723	-0.003	51307940	1000.0	933.6	M
		Average of Peak Amounts =				930.8	
						RPD = 3.49	
$ 11 DCB Decachlorobiphenyl							
1	10.471	10.471	0.000	106382089	100.0	89.6	
2	8.963	8.963	0.000	202410393	100.0	96.0	
						RPD = 6.96	
S 12 Polychlorinated biphenyls, Total							
1						963.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

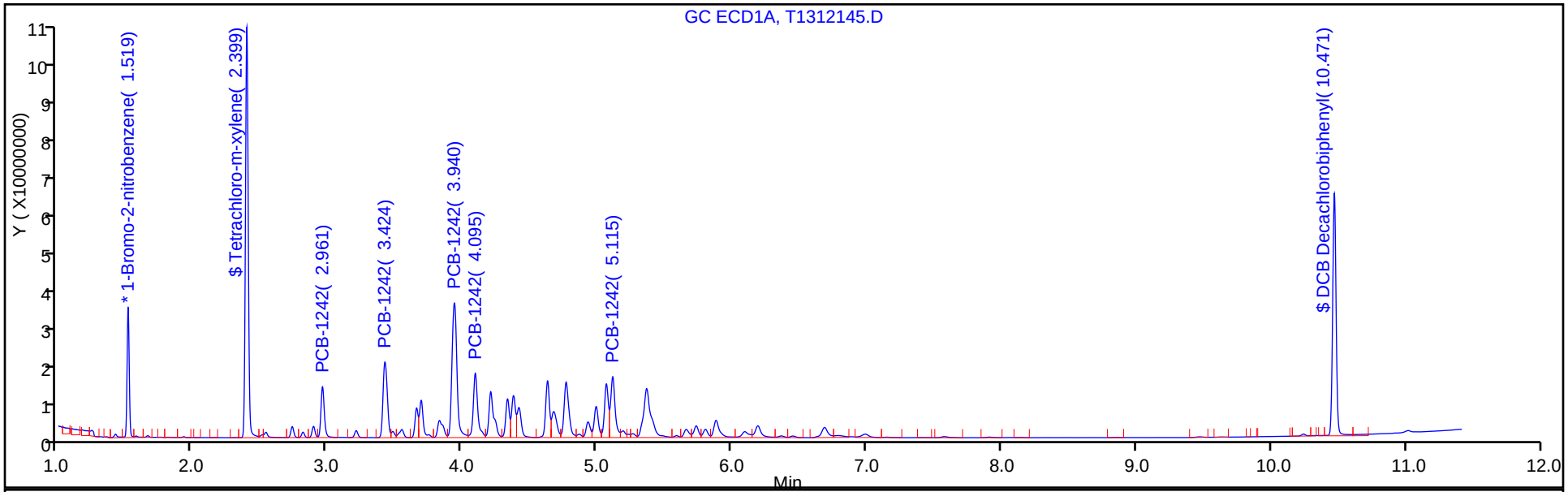
SG1242L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

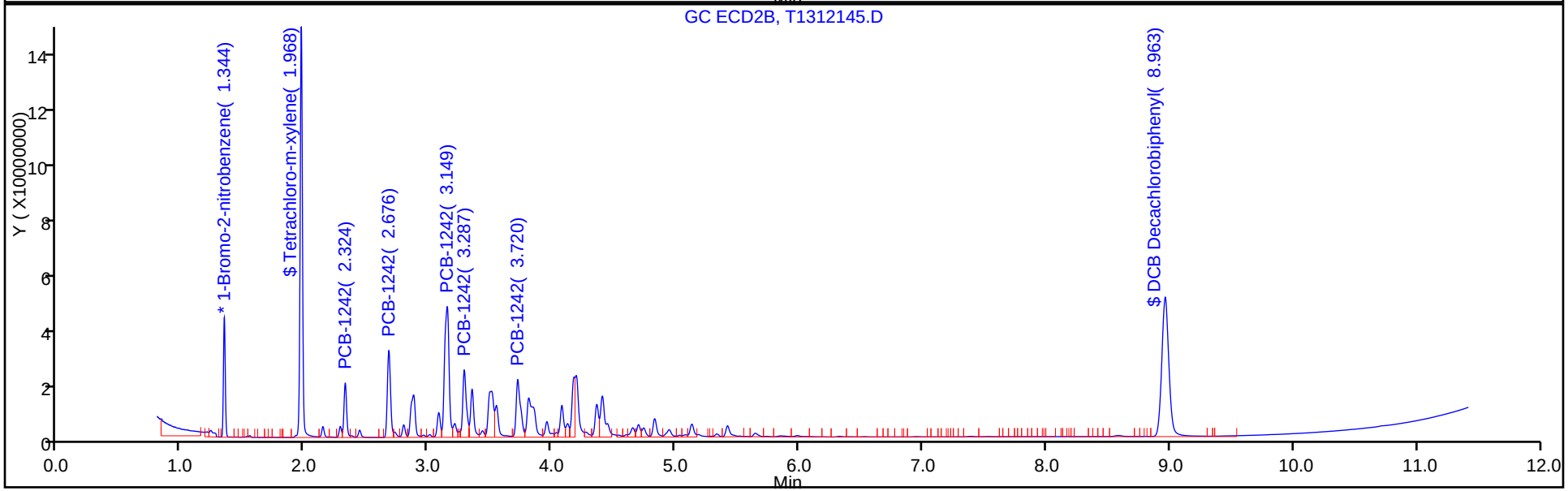
Report Date: 12-Nov-2015 12:23:47 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312145.D

Injection Date:	12-Nov-2015 10:40:56	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1242			Worklist Smp#:	80
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	80
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/80 Calibration Date: 11/12/2015 10:40

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312145.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.9345	0.8785		94.0	100	-6.0	20.0
DCB Decachlorobiphenyl	Ave	0.9379	0.9007		96.0	100	-4.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/80 Calibration Date: 11/12/2015 10:40

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312145.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	1.97	1.91	2.01
DCB Decachlorobiphenyl	8.96	8.86	9.06

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312145.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 12-Nov-2015 10:40:56 ALS Bottle#: 80 Worklist Smp#: 80
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:47 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 12:15:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.519	1.521	-0.002	35889217	20.0	20.0	
2	1.344	1.339	0.005	44943614	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.399	2.405	-0.006	146327383	100.0	91.9	
2	1.968	1.961	0.007	197410975	100.0	94.0	
						RPD = 2.32	
4 PCB-1242							M
1	2.961	2.963	-0.002	22034045	1000.0	942.2	
1	3.424	3.426	-0.002	41610825	1000.0	940.6	
1	3.940	3.940	0.000	85027292	1000.0	953.2	
1	4.095	4.096	-0.001	36410376	1000.0	963.6	
1	5.115	5.116	-0.001	34809186	1000.0	1019.9	
		Average of Peak Amounts =				963.9	
2	2.324	2.327	-0.003	29758452	1000.0	933.9	M
2	2.676	2.680	-0.004	56309018	1000.0	939.1	M
2	3.149	3.140	0.009	119733567	1000.0	935.0	M
2	3.287	3.290	-0.003	50187506	1000.0	912.6	M
2	3.720	3.723	-0.003	51307940	1000.0	933.6	M
		Average of Peak Amounts =				930.8	
						RPD = 3.49	
$ 11 DCB Decachlorobiphenyl							
1	10.471	10.471	0.000	106382089	100.0	89.6	
2	8.963	8.963	0.000	202410393	100.0	96.0	
						RPD = 6.96	
S 12 Polychlorinated biphenyls, Total							
1						963.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

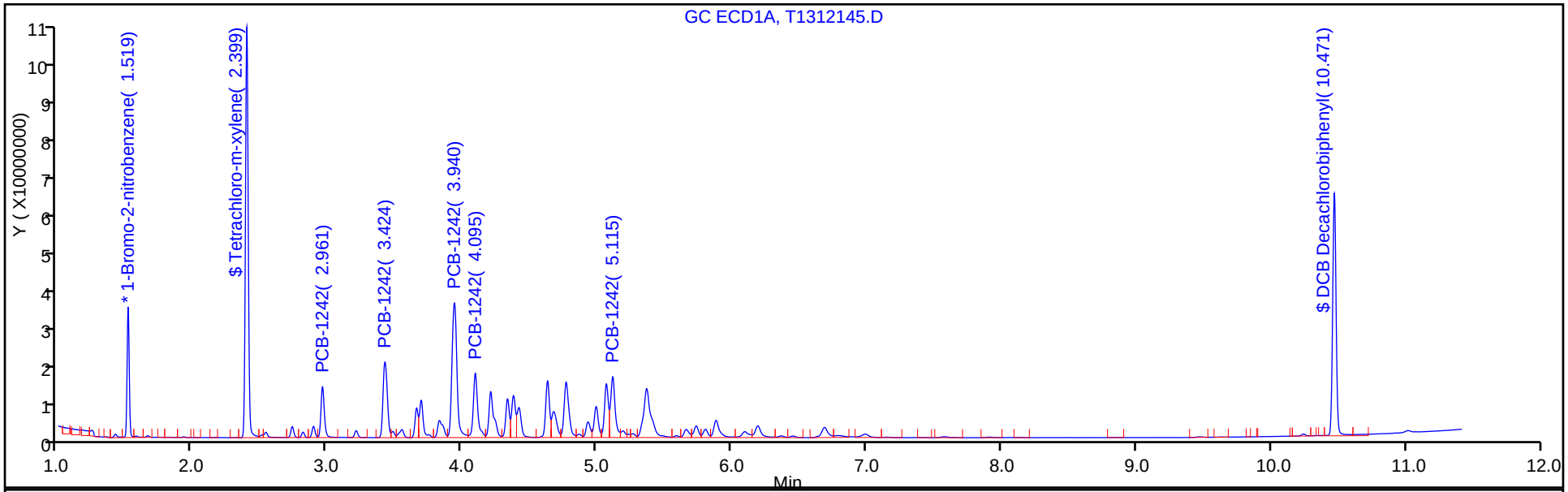
SG1242L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

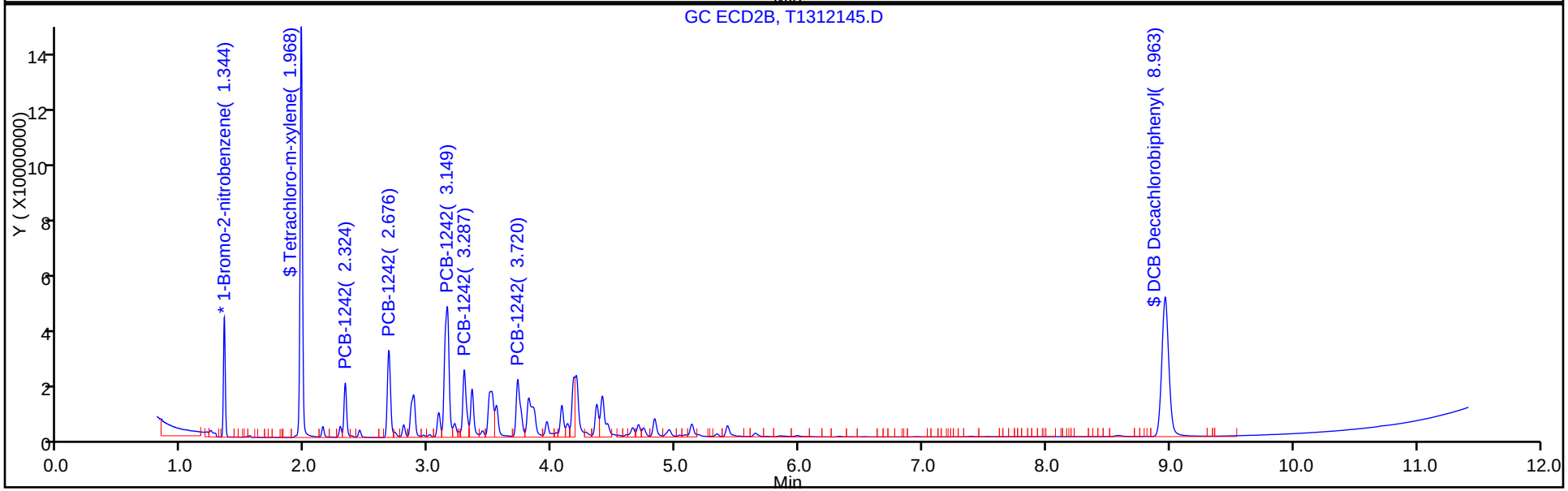
Report Date: 12-Nov-2015 12:23:48 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312145.D

Injection Date:	12-Nov-2015 10:40:56	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1242			Worklist Smp#:	80
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	80
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/80 Calibration Date: 11/12/2015 10:40

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 13:16

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2015 13:16

Lab File ID: T1312145.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0142	0.0132		934	1000	-6.6	20.0
PCB-1242 Peak 2	Ave	0.0267	0.0251		939	1000	-6.1	20.0
PCB-1242 Peak 3	Ave	0.0570	0.0533		935	1000	-6.5	20.0
PCB-1242 Peak 4	Ave	0.0245	0.0223		913	1000	-8.7	20.0
PCB-1242 Peak 5	Ave	0.0245	0.0228		934	1000	-6.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/80 Calibration Date: 11/12/2015 10:40

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 13:16

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2015 13:16

Lab File ID: T1312145.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	2.32	2.26	2.40
PCB-1242 Peak 2	2.68	2.61	2.75
PCB-1242 Peak 3	3.15	3.07	3.21
PCB-1242 Peak 4	3.29	3.22	3.36
PCB-1242 Peak 5	3.72	3.65	3.79

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312145.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 12-Nov-2015 10:40:56 ALS Bottle#: 80 Worklist Smp#: 80
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:47 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 12:15:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.519	1.521	-0.002	35889217	20.0	20.0	
2	1.344	1.339	0.005	44943614	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.399	2.405	-0.006	146327383	100.0	91.9	
2	1.968	1.961	0.007	197410975	100.0	94.0	
						RPD = 2.32	
4 PCB-1242							M
1	2.961	2.963	-0.002	22034045	1000.0	942.2	
1	3.424	3.426	-0.002	41610825	1000.0	940.6	
1	3.940	3.940	0.000	85027292	1000.0	953.2	
1	4.095	4.096	-0.001	36410376	1000.0	963.6	
1	5.115	5.116	-0.001	34809186	1000.0	1019.9	
		Average of Peak Amounts =				963.9	
2	2.324	2.327	-0.003	29758452	1000.0	933.9	M
2	2.676	2.680	-0.004	56309018	1000.0	939.1	M
2	3.149	3.140	0.009	119733567	1000.0	935.0	M
2	3.287	3.290	-0.003	50187506	1000.0	912.6	M
2	3.720	3.723	-0.003	51307940	1000.0	933.6	M
		Average of Peak Amounts =				930.8	
						RPD = 3.49	
$ 11 DCB Decachlorobiphenyl							
1	10.471	10.471	0.000	106382089	100.0	89.6	
2	8.963	8.963	0.000	202410393	100.0	96.0	
						RPD = 6.96	
S 12 Polychlorinated biphenyls, Total							
1						963.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

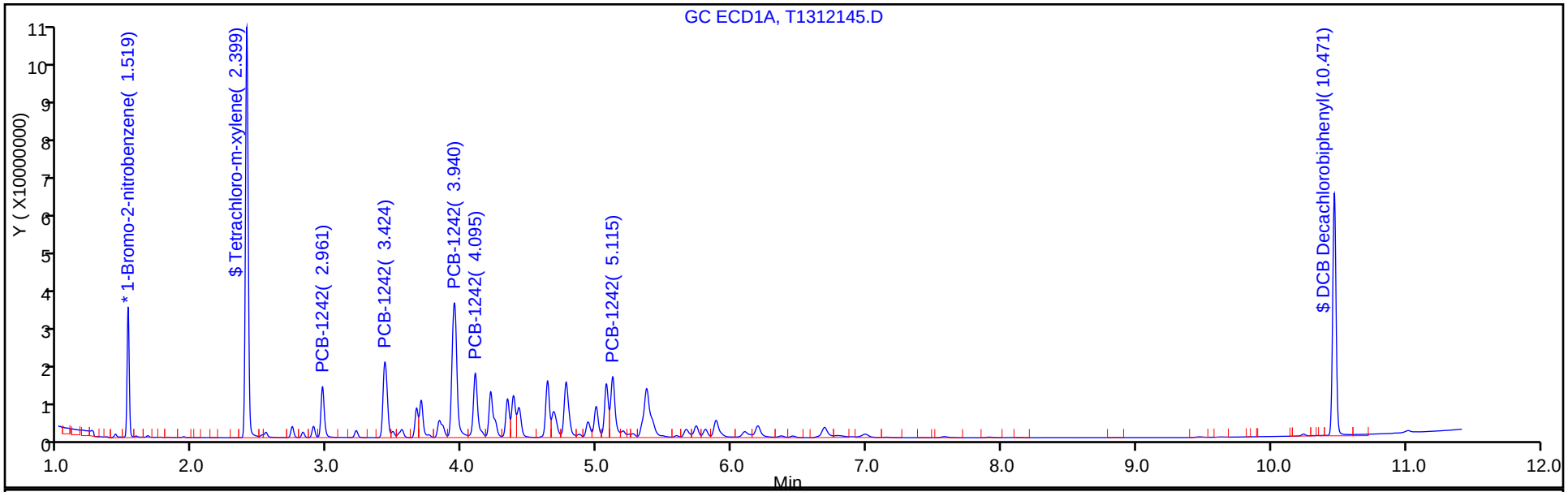
SG1242L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

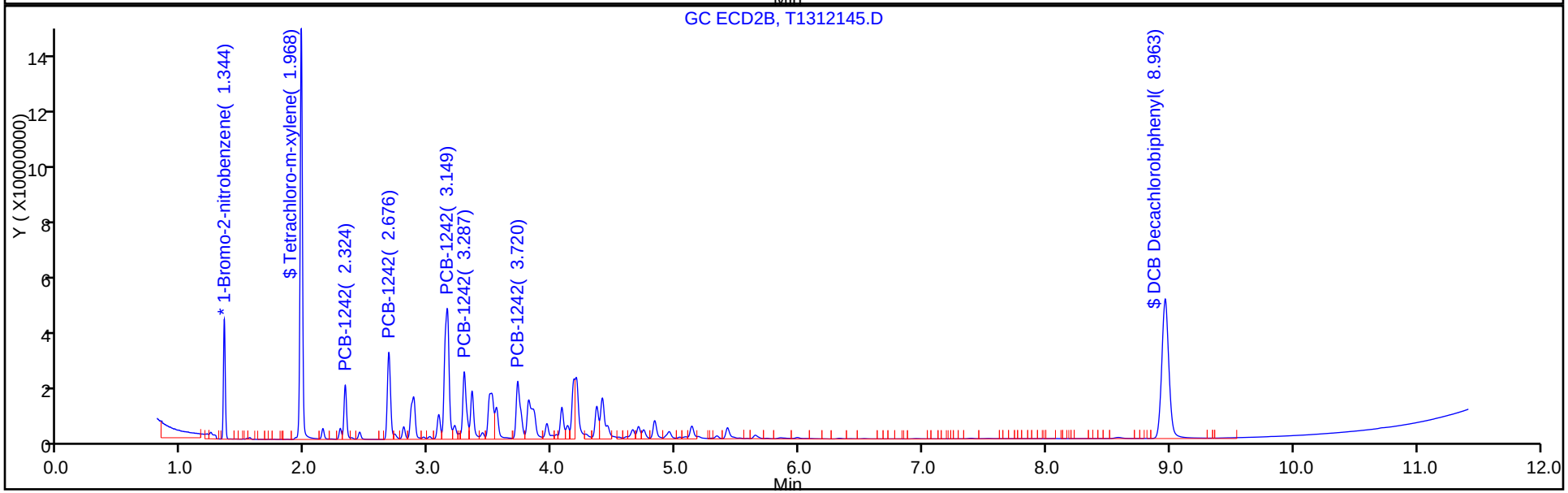
Report Date: 12-Nov-2015 12:23:48 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312145.D

Injection Date:	12-Nov-2015 10:40:56	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1242			Worklist Smp#:	80
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	80
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/81 Calibration Date: 11/12/2015 11:39

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312146.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.8878	0.9009		101	100	1.5	20.0
DCB Decachlorobiphenyl	Ave	0.6618	0.6540		98.8	100	-1.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/81 Calibration Date: 11/12/2015 11:39

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312146.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	2.40	2.36	2.46
DCB Decachlorobiphenyl	10.48	10.37	10.57

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312146.D
Lims ID: CCV AR1248
Client ID:
Sample Type: CCV
Inject. Date: 12-Nov-2015 11:39:54 ALS Bottle#: 1 Worklist Smp#: 81
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: CCVIS
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:49 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 10:57:42

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.519	1.521	-0.002	32597558	20.0	20.0	
2	1.339	1.339	0.000	38938487	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.402	2.405	-0.003	146832155	100.0	101.5	
2	1.962	1.961	0.001	191010452	100.0	105.0	
						RPD = 3.40	
6 PCB-1248							
1	3.427	3.426	0.001	23823076	1000.0	1037.3	
1	3.942	3.941	0.001	58767460	1000.0	1070.1	
1	4.337	4.338	-0.001	33404534	1000.0	1020.7	
1	5.072	5.071	0.001	47580440	1000.0	965.3	
1	5.117	5.117	0.000	59326518	1000.0	1090.2	
		Average of Peak Amounts =				1036.7	
2	2.669	2.678	-0.009	30591823	1000.0	1023.0	
2	3.140	3.151	-0.011	76195355	1000.0	1017.4	
2	3.715	3.724	-0.009	78241463	1000.0	1044.5	
2	4.170	4.177	-0.007	131453512	1000.0	1051.9	
2	4.402	4.410	-0.008	57031565	1000.0	1042.5	
		Average of Peak Amounts =				1035.9	
						RPD = 0.08	
$ 11 DCB Decachlorobiphenyl							
1	10.476	10.471	0.005	106597308	100.0	98.8	
2	8.962	8.963	-0.001	201166439	100.0	110.2	
						RPD = 10.86	
S 12 Polychlorinated biphenyls, Total							
1						1036.7	

Reagents:

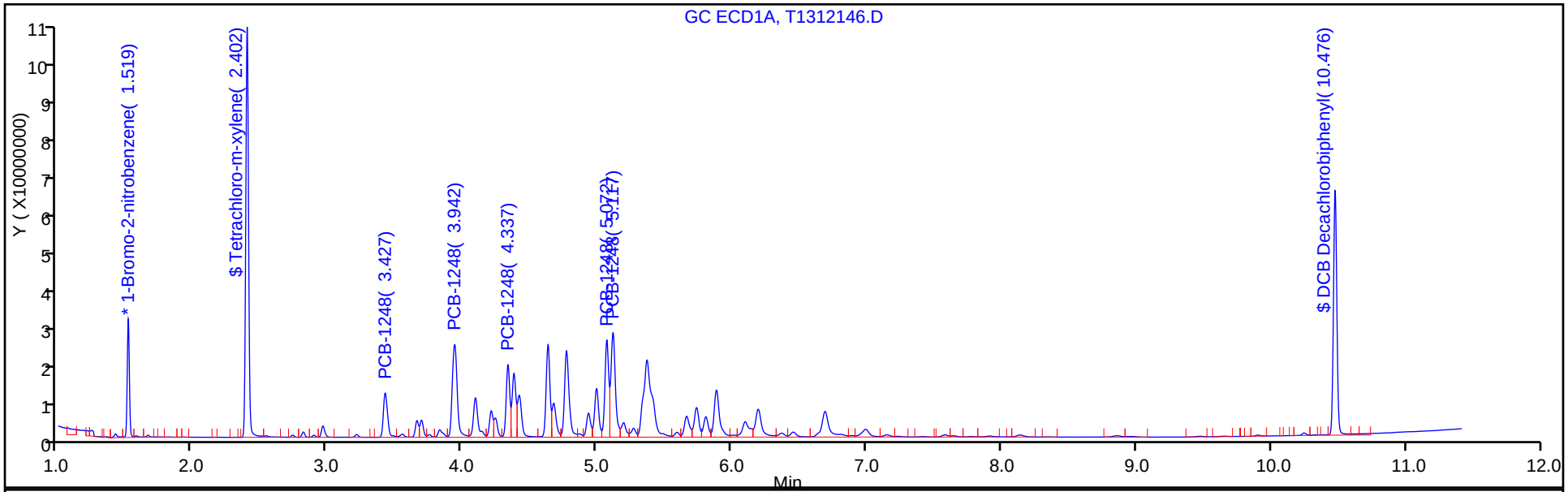
SG1248L3_00023	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

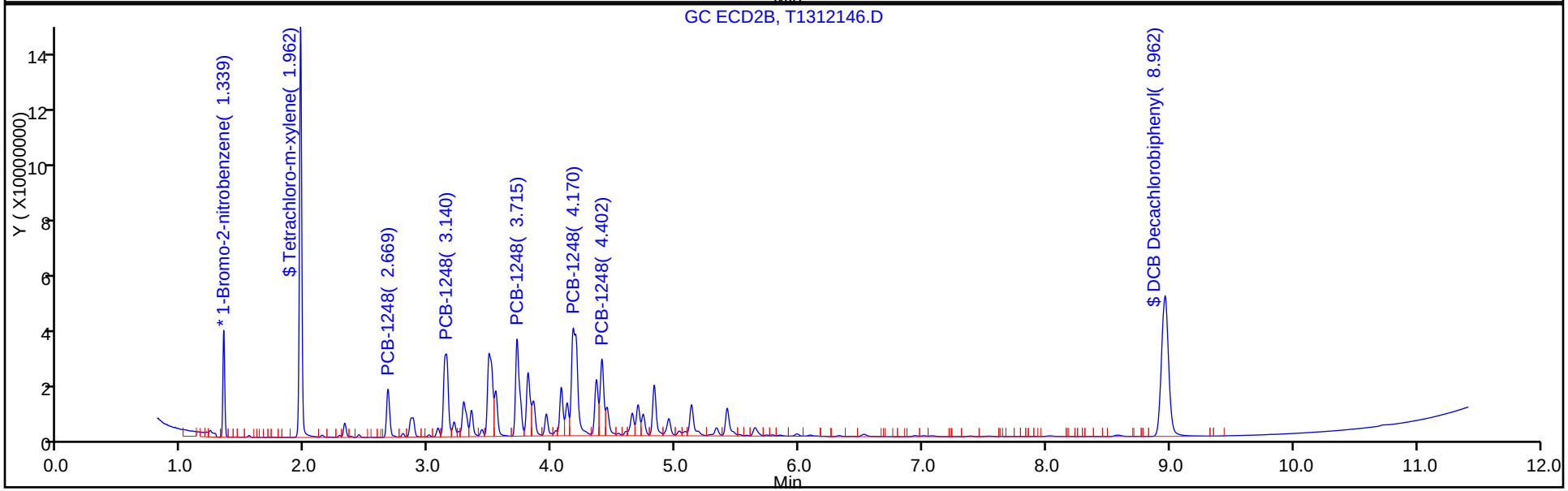
Report Date: 12-Nov-2015 12:23:49 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312146.D

Injection Date:	12-Nov-2015 11:39:54	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1248			Worklist Smp#:	81
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/81 Calibration Date: 11/12/2015 11:39

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 13:30

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2015 13:30

Lab File ID: T1312146.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	0.0141	0.0146		1040	1000	3.7	20.0
PCB-1248 Peak 2	Ave	0.0337	0.0361		1070	1000	7.0	20.0
PCB-1248 Peak 3	Ave	0.0201	0.0205		1020	1000	2.1	20.0
PCB-1248 Peak 4	Ave	0.0302	0.0292		965	1000	-3.5	20.0
PCB-1248 Peak 5	Ave	0.0334	0.0364		1090	1000	9.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/81 Calibration Date: 11/12/2015 11:39

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 13:30

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/02/2015 13:30

Lab File ID: T1312146.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	3.43	3.36	3.50
PCB-1248 Peak 2	3.94	3.87	4.01
PCB-1248 Peak 3	4.34	4.27	4.41
PCB-1248 Peak 4	5.07	5.00	5.14
PCB-1248 Peak 5	5.12	5.05	5.19

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312146.D
Lims ID: CCV AR1248
Client ID:
Sample Type: CCV
Inject. Date: 12-Nov-2015 11:39:54 ALS Bottle#: 1 Worklist Smp#: 81
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: CCVIS
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:49 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 10:57:42

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.519	1.521	-0.002	32597558	20.0	20.0	
2	1.339	1.339	0.000	38938487	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.402	2.405	-0.003	146832155	100.0	101.5	
2	1.962	1.961	0.001	191010452	100.0	105.0	
						RPD = 3.40	
6 PCB-1248							
1	3.427	3.426	0.001	23823076	1000.0	1037.3	
1	3.942	3.941	0.001	58767460	1000.0	1070.1	
1	4.337	4.338	-0.001	33404534	1000.0	1020.7	
1	5.072	5.071	0.001	47580440	1000.0	965.3	
1	5.117	5.117	0.000	59326518	1000.0	1090.2	
		Average of Peak Amounts =				1036.7	
2	2.669	2.678	-0.009	30591823	1000.0	1023.0	
2	3.140	3.151	-0.011	76195355	1000.0	1017.4	
2	3.715	3.724	-0.009	78241463	1000.0	1044.5	
2	4.170	4.177	-0.007	131453512	1000.0	1051.9	
2	4.402	4.410	-0.008	57031565	1000.0	1042.5	
		Average of Peak Amounts =				1035.9	
						RPD = 0.08	
$ 11 DCB Decachlorobiphenyl							
1	10.476	10.471	0.005	106597308	100.0	98.8	
2	8.962	8.963	-0.001	201166439	100.0	110.2	
						RPD = 10.86	
S 12 Polychlorinated biphenyls, Total							
1						1036.7	

Reagents:

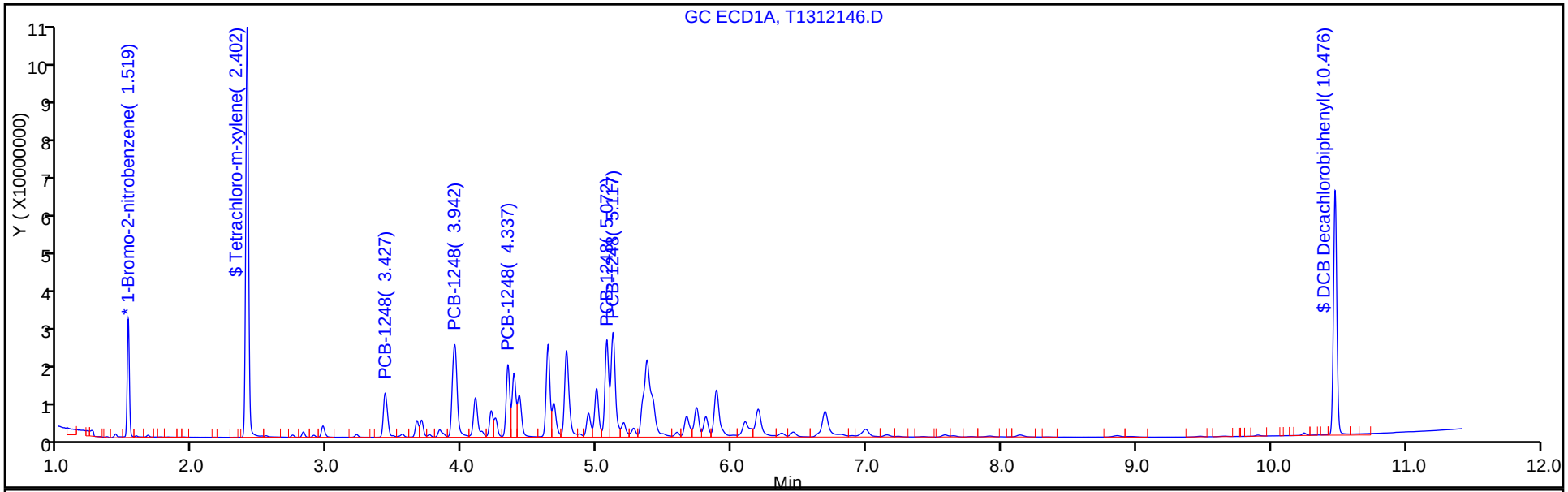
SG1248L3_00023	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

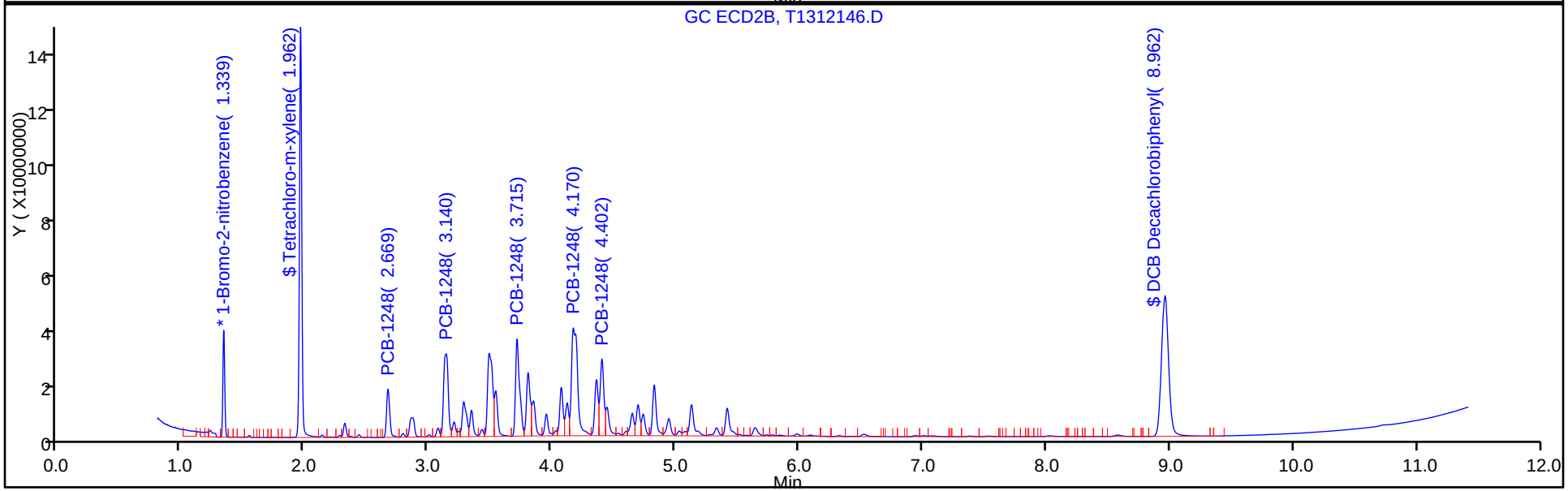
Report Date: 12-Nov-2015 12:23:49 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312146.D

Injection Date:	12-Nov-2015 11:39:54	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1248			Worklist Smp#:	81
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/81 Calibration Date: 11/12/2015 11:39

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312146.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.9345	0.9811		105	100	5.0	20.0
DCB Decachlorobiphenyl	Ave	0.9379	1.033		110	100	10.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/81 Calibration Date: 11/12/2015 11:39

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 11:15

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2015 12:13

Lab File ID: T1312146.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	1.96	1.91	2.01
DCB Decachlorobiphenyl	8.96	8.86	9.06

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312146.D
Lims ID: CCV AR1248
Client ID:
Sample Type: CCV
Inject. Date: 12-Nov-2015 11:39:54 ALS Bottle#: 1 Worklist Smp#: 81
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: CCVIS
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:49 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 10:57:42

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.519	1.521	-0.002	32597558	20.0	20.0	
2	1.339	1.339	0.000	38938487	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.402	2.405	-0.003	146832155	100.0	101.5	
2	1.962	1.961	0.001	191010452	100.0	105.0	
						RPD = 3.40	
6 PCB-1248							
1	3.427	3.426	0.001	23823076	1000.0	1037.3	
1	3.942	3.941	0.001	58767460	1000.0	1070.1	
1	4.337	4.338	-0.001	33404534	1000.0	1020.7	
1	5.072	5.071	0.001	47580440	1000.0	965.3	
1	5.117	5.117	0.000	59326518	1000.0	1090.2	
		Average of Peak Amounts =				1036.7	
2	2.669	2.678	-0.009	30591823	1000.0	1023.0	
2	3.140	3.151	-0.011	76195355	1000.0	1017.4	
2	3.715	3.724	-0.009	78241463	1000.0	1044.5	
2	4.170	4.177	-0.007	131453512	1000.0	1051.9	
2	4.402	4.410	-0.008	57031565	1000.0	1042.5	
		Average of Peak Amounts =				1035.9	
						RPD = 0.08	
$ 11 DCB Decachlorobiphenyl							
1	10.476	10.471	0.005	106597308	100.0	98.8	
2	8.962	8.963	-0.001	201166439	100.0	110.2	
						RPD = 10.86	
S 12 Polychlorinated biphenyls, Total							
1						1036.7	

Reagents:

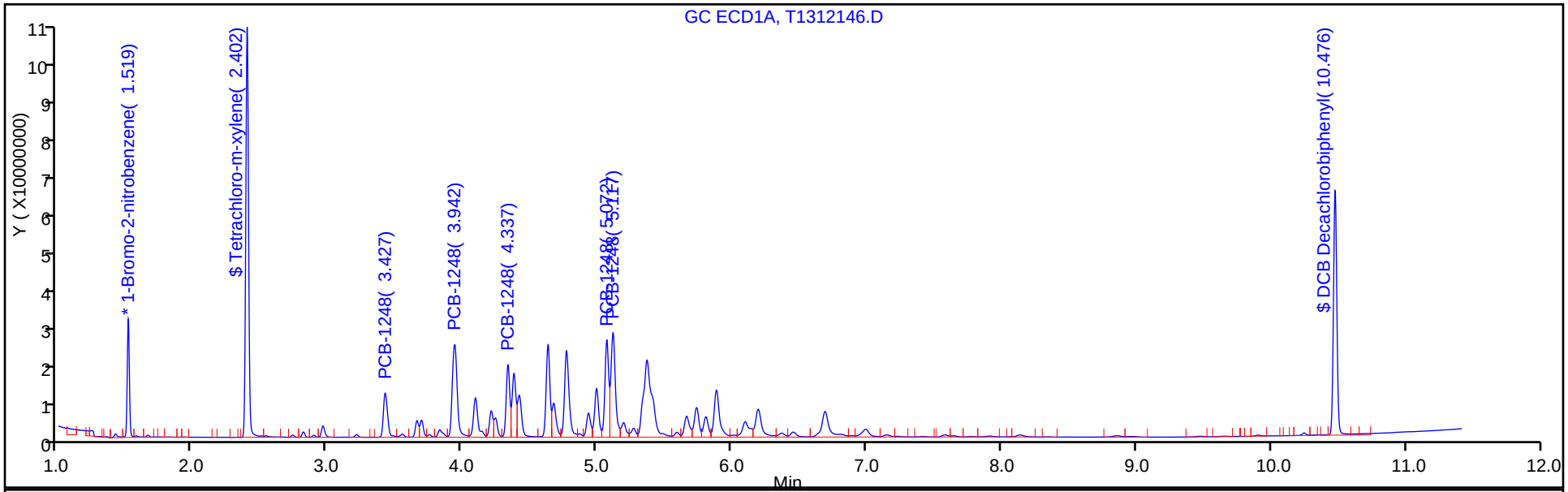
SG1248L3_00023	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

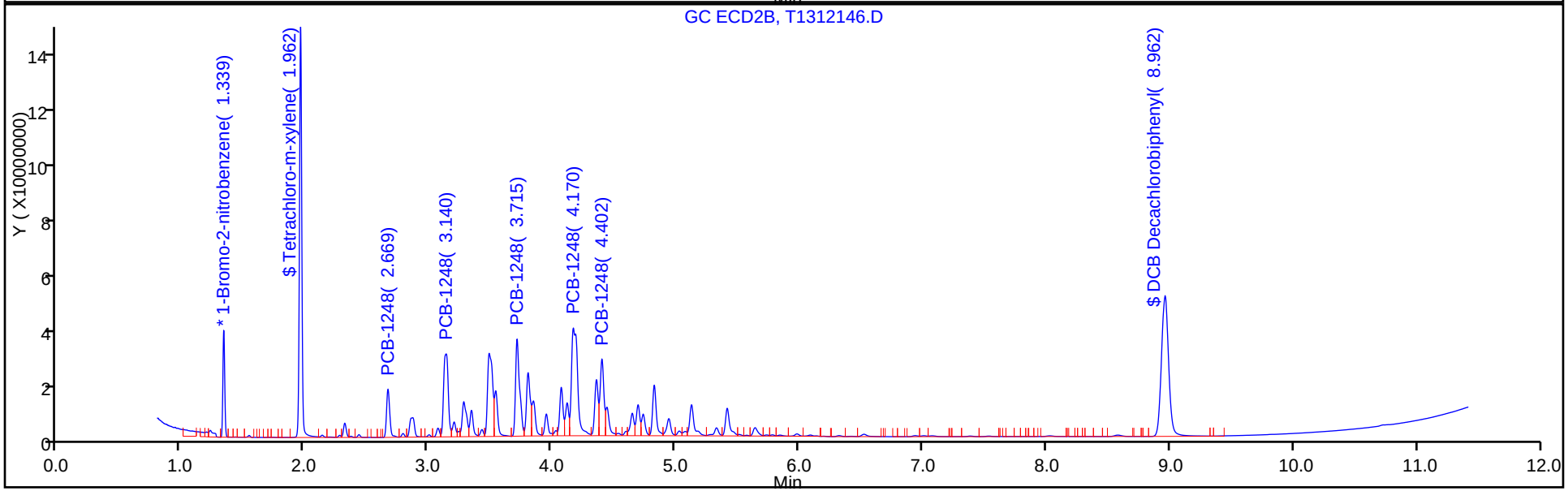
Report Date: 12-Nov-2015 12:23:50 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312146.D

Injection Date:	12-Nov-2015 11:39:54	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1248			Worklist Smp#:	81
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/81 Calibration Date: 11/12/2015 11:39

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 13:30

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2015 13:30

Lab File ID: T1312146.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	0.0154	0.0157		1020	1000	2.3	20.0
PCB-1248 Peak 2	Ave	0.0385	0.0391		1020	1000	1.7	20.0
PCB-1248 Peak 3	Ave	0.0385	0.0402		1040	1000	4.5	20.0
PCB-1248 Peak 4	Ave	0.0642	0.0675		1050	1000	5.2	20.0
PCB-1248 Peak 5	Ave	0.0281	0.0293		1040	1000	4.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334728/81 Calibration Date: 11/12/2015 11:39

Instrument ID: CPESTGC11 Calib Start Date: 08/02/2015 13:30

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/02/2015 13:30

Lab File ID: T1312146.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	2.67	2.61	2.75
PCB-1248 Peak 2	3.14	3.08	3.22
PCB-1248 Peak 3	3.72	3.65	3.79
PCB-1248 Peak 4	4.17	4.11	4.25
PCB-1248 Peak 5	4.40	4.34	4.48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312146.D
Lims ID: CCV AR1248
Client ID:
Sample Type: CCV
Inject. Date: 12-Nov-2015 11:39:54 ALS Bottle#: 1 Worklist Smp#: 81
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: CCVIS
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:23:49 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 10:57:42

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.519	1.521	-0.002	32597558	20.0	20.0	
2	1.339	1.339	0.000	38938487	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.402	2.405	-0.003	146832155	100.0	101.5	
2	1.962	1.961	0.001	191010452	100.0	105.0	
						RPD = 3.40	
6 PCB-1248							
1	3.427	3.426	0.001	23823076	1000.0	1037.3	
1	3.942	3.941	0.001	58767460	1000.0	1070.1	
1	4.337	4.338	-0.001	33404534	1000.0	1020.7	
1	5.072	5.071	0.001	47580440	1000.0	965.3	
1	5.117	5.117	0.000	59326518	1000.0	1090.2	
		Average of Peak Amounts =				1036.7	
2	2.669	2.678	-0.009	30591823	1000.0	1023.0	
2	3.140	3.151	-0.011	76195355	1000.0	1017.4	
2	3.715	3.724	-0.009	78241463	1000.0	1044.5	
2	4.170	4.177	-0.007	131453512	1000.0	1051.9	
2	4.402	4.410	-0.008	57031565	1000.0	1042.5	
		Average of Peak Amounts =				1035.9	
						RPD = 0.08	
$ 11 DCB Decachlorobiphenyl							
1	10.476	10.471	0.005	106597308	100.0	98.8	
2	8.962	8.963	-0.001	201166439	100.0	110.2	
						RPD = 10.86	
S 12 Polychlorinated biphenyls, Total							
1						1036.7	

Reagents:

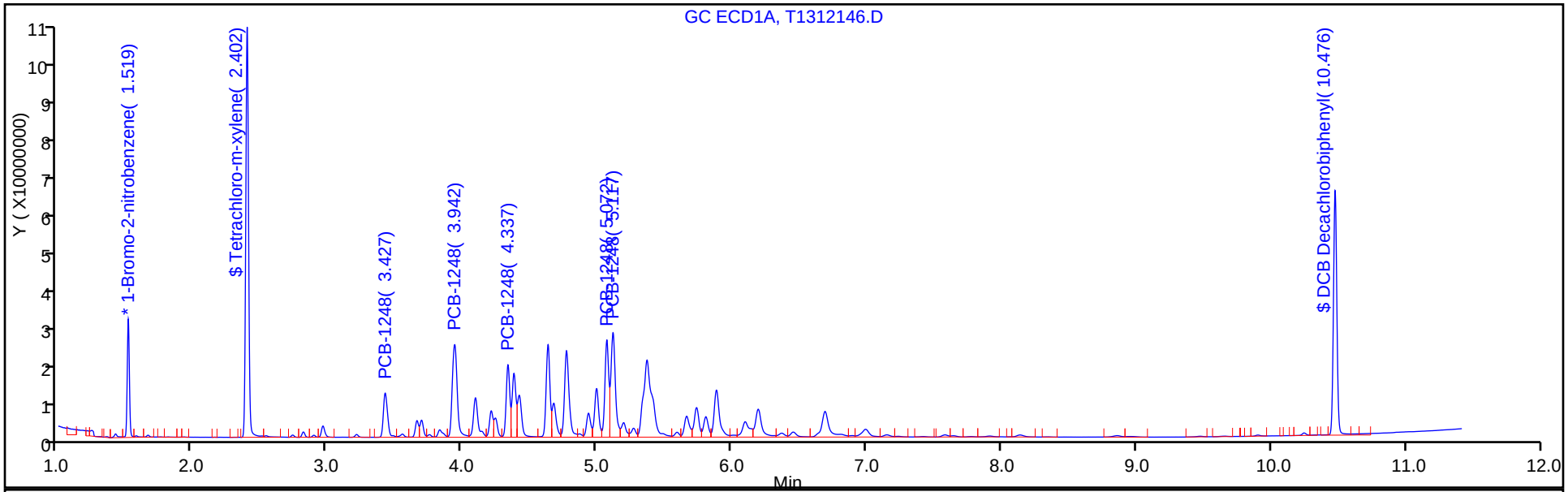
SG1248L3_00023	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

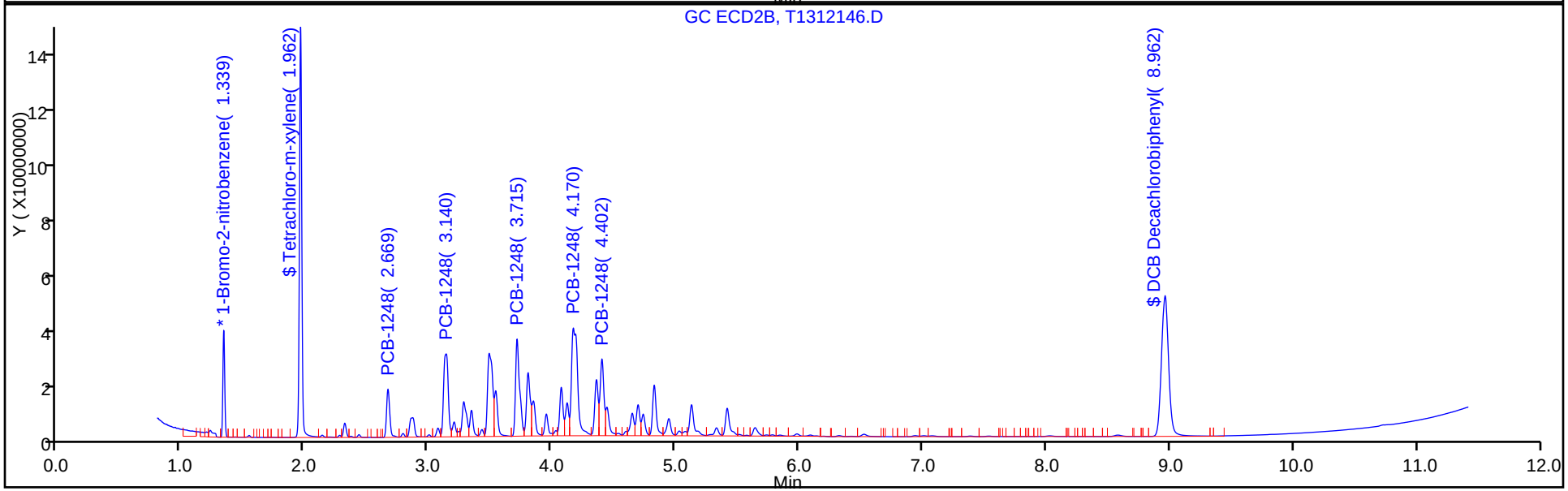
Report Date: 12-Nov-2015 12:23:50 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312146.D

Injection Date:	12-Nov-2015 11:39:54	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1248			Worklist Smp#:	81
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334730/1 Calibration Date: 11/11/2015 15:22

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504472.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0244	0.0236		966	1000	-3.4	20.0
PCB-1016 Peak 2	Ave	0.0515	0.0508		986	1000	-1.4	20.0
PCB-1016 Peak 3	Ave	0.0886	0.0836		944	1000	-5.6	20.0
PCB-1016 Peak 4	Ave	0.0281	0.0274		974	1000	-2.6	20.0
PCB-1016 Peak 5	Ave	0.0323	0.0326		1010	1000	0.9	20.0
PCB-1260 Peak 1	Ave	0.0626	0.0665		1060	1000	6.3	20.0
PCB-1260 Peak 2	Ave	0.0719	0.0762		1060	1000	5.9	20.0
PCB-1260 Peak 3	Ave	0.0443	0.0493		1110	1000	11.3	20.0
PCB-1260 Peak 4	Ave	0.0909	0.1033		1140	1000	13.6	20.0
PCB-1260 Peak 5	Ave	0.0240	0.0265		1100	1000	10.1	20.0
Tetrachloro-m-xylene	Ave	0.9255	1.000		108	100	8.1	20.0
DCB Decachlorobiphenyl	Ave	0.8897	1.022		115	100	14.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334730/1 Calibration Date: 11/11/2015 15:22

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504472.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.24	3.17	3.31
PCB-1016 Peak 2	3.75	3.68	3.82
PCB-1016 Peak 3	4.32	4.25	4.39
PCB-1016 Peak 4	5.07	5.00	5.14
PCB-1016 Peak 5	5.23	5.16	5.30
PCB-1260 Peak 1	6.87	6.80	6.94
PCB-1260 Peak 2	7.24	7.17	7.31
PCB-1260 Peak 3	8.54	8.47	8.61
PCB-1260 Peak 4	8.84	8.77	8.91
PCB-1260 Peak 5	9.69	9.62	9.76
Tetrachloro-m-xylene	2.62	2.57	2.67
DCB Decachlorobiphenyl	10.13	10.03	10.23

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504472.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 11-Nov-2015 15:22:19 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 10:52:17 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 11-Nov-2015 15:37:43

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.644	1.644	0.000	1326094	20.0	20.0	M
2	1.426	1.426	0.000	2307188	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.616	2.616	0.000	6630779	100.0	108.1	
2	2.106	2.106	0.000	11374228	100.0	101.6	M
						RPD = 6.16	
5 PCB-1016							M
1	3.235	3.235	0.000	1563356	1000.0	965.7	
1	3.749	3.749	0.000	3366885	1000.0	985.6	
1	4.315	4.315	0.000	5542201	1000.0	943.7	
1	5.072	5.072	0.000	1814041	1000.0	973.8	
1	5.225	5.225	0.000	2160157	1000.0	1009.4	
		Average of Peak Amounts =				975.6	
2	2.500	2.500	0.000	2790195	1000.0	929.9	M
2	2.892	2.892	0.000	5181000	1000.0	881.1	
2	3.413	3.413	0.000	10276658	1000.0	937.7	M
2	3.567	3.567	0.000	3974753	1000.0	969.9	M
2	4.048	4.048	0.000	4461258	1000.0	1009.0	M
		Average of Peak Amounts =				945.5	
						RPD = 3.13	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.865	6.865	0.000	4411121	1000.0	1062.8	
1	7.241	7.241	0.000	5048811	1000.0	1059.1	
1	8.544	8.544	0.000	3267245	1000.0	1113.5	
1	8.840	8.840	0.000	6847275	1000.0	1135.5	
1	9.692	9.692	0.000	1755566	1000.0	1101.5	
		Average of Peak Amounts =				1094.5	
2	5.500	5.500	0.000	7246399	1000.0	1013.7	
2	6.786	6.786	0.000	5643759	1000.0	972.8	
2	7.319	7.319	0.000	13931110	1000.0	1033.5	
2	7.857	7.857	0.000	7125437	1000.0	1085.4	
2	8.774	8.774	0.000	3563992	1000.0	1048.5	M
		Average of Peak Amounts =				1030.8	
						RPD = 5.99	
$ 11 DCB Decachlorobiphenyl							M
1	10.132	10.132	0.000	6774278	100.0	114.8	M
2	9.236	9.236	0.000	13018164	100.0	110.2	M
						RPD = 4.15	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

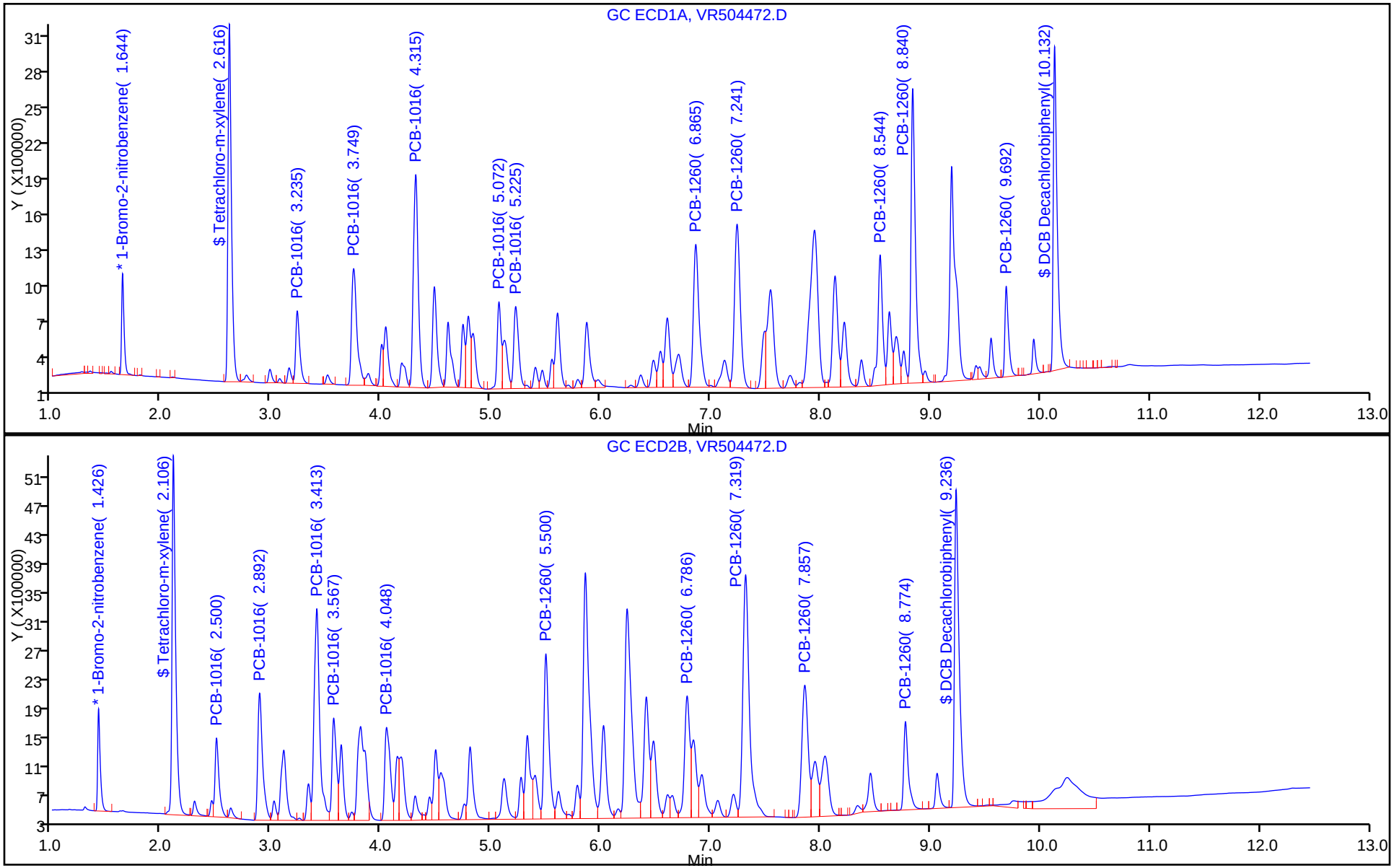
SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 12-Nov-2015 10:52:17 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504472.D

Injection Date:	11-Nov-2015 15:22:19	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCVIS			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334730/1 Calibration Date: 11/11/2015 15:22

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504472.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0260	0.0242		930	1000	-7.0	20.0
PCB-1016 Peak 2	Ave	0.0510	0.0449		881	1000	-11.9	20.0
PCB-1016 Peak 3	Ave	0.0950	0.0891		938	1000	-6.2	20.0
PCB-1016 Peak 4	Ave	0.0355	0.0345		970	1000	-3.0	20.0
PCB-1016 Peak 5	Ave	0.0383	0.0387		1010	1000	0.9	20.0
PCB-1260 Peak 1	Ave	0.0620	0.0628		1010	1000	1.4	20.0
PCB-1260 Peak 2	Ave	0.0503	0.0489		973	1000	-2.7	20.0
PCB-1260 Peak 3	Ave	0.1168	0.1208		1030	1000	3.4	20.0
PCB-1260 Peak 4	Ave	0.0569	0.0618		1090	1000	8.5	20.0
PCB-1260 Peak 5	Ave	0.0295	0.0309		1050	1000	4.9	20.0
Tetrachloro-m-xylene	Ave	0.9705	0.9860		102	100	1.6	20.0
DCB Decachlorobiphenyl	Ave	1.024	1.128		110	100	10.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCVIS 460-334730/1 Calibration Date: 11/11/2015 15:22

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504472.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.50	2.43	2.57
PCB-1016 Peak 2	2.89	2.82	2.96
PCB-1016 Peak 3	3.41	3.34	3.48
PCB-1016 Peak 4	3.57	3.50	3.64
PCB-1016 Peak 5	4.05	3.98	4.12
PCB-1260 Peak 1	5.50	5.43	5.57
PCB-1260 Peak 2	6.79	6.72	6.86
PCB-1260 Peak 3	7.32	7.25	7.39
PCB-1260 Peak 4	7.86	7.79	7.93
PCB-1260 Peak 5	8.77	8.70	8.84
Tetrachloro-m-xylene	2.11	2.06	2.16
DCB Decachlorobiphenyl	9.24	9.14	9.34

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504472.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 11-Nov-2015 15:22:19 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 10:52:17 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 11-Nov-2015 15:37:43

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.644	1.644	0.000	1326094	20.0	20.0	M
2	1.426	1.426	0.000	2307188	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.616	2.616	0.000	6630779	100.0	108.1	
2	2.106	2.106	0.000	11374228	100.0	101.6	M
						RPD = 6.16	
5 PCB-1016							M
1	3.235	3.235	0.000	1563356	1000.0	965.7	
1	3.749	3.749	0.000	3366885	1000.0	985.6	
1	4.315	4.315	0.000	5542201	1000.0	943.7	
1	5.072	5.072	0.000	1814041	1000.0	973.8	
1	5.225	5.225	0.000	2160157	1000.0	1009.4	
		Average of Peak Amounts =				975.6	
2	2.500	2.500	0.000	2790195	1000.0	929.9	M
2	2.892	2.892	0.000	5181000	1000.0	881.1	
2	3.413	3.413	0.000	10276658	1000.0	937.7	M
2	3.567	3.567	0.000	3974753	1000.0	969.9	M
2	4.048	4.048	0.000	4461258	1000.0	1009.0	M
		Average of Peak Amounts =				945.5	
						RPD = 3.13	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.865	6.865	0.000	4411121	1000.0	1062.8	
1	7.241	7.241	0.000	5048811	1000.0	1059.1	
1	8.544	8.544	0.000	3267245	1000.0	1113.5	
1	8.840	8.840	0.000	6847275	1000.0	1135.5	
1	9.692	9.692	0.000	1755566	1000.0	1101.5	
		Average of Peak Amounts =				1094.5	
2	5.500	5.500	0.000	7246399	1000.0	1013.7	
2	6.786	6.786	0.000	5643759	1000.0	972.8	
2	7.319	7.319	0.000	13931110	1000.0	1033.5	
2	7.857	7.857	0.000	7125437	1000.0	1085.4	
2	8.774	8.774	0.000	3563992	1000.0	1048.5	M
		Average of Peak Amounts =				1030.8	
						RPD = 5.99	
$ 11 DCB Decachlorobiphenyl							M
1	10.132	10.132	0.000	6774278	100.0	114.8	M
2	9.236	9.236	0.000	13018164	100.0	110.2	M
						RPD = 4.15	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

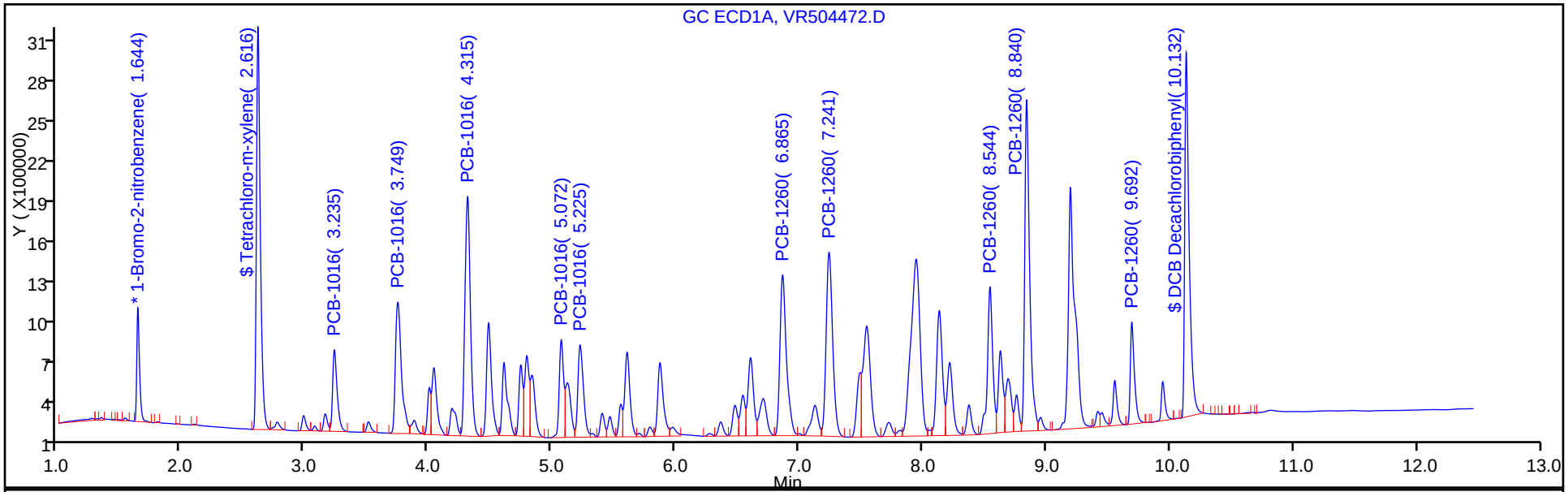
SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

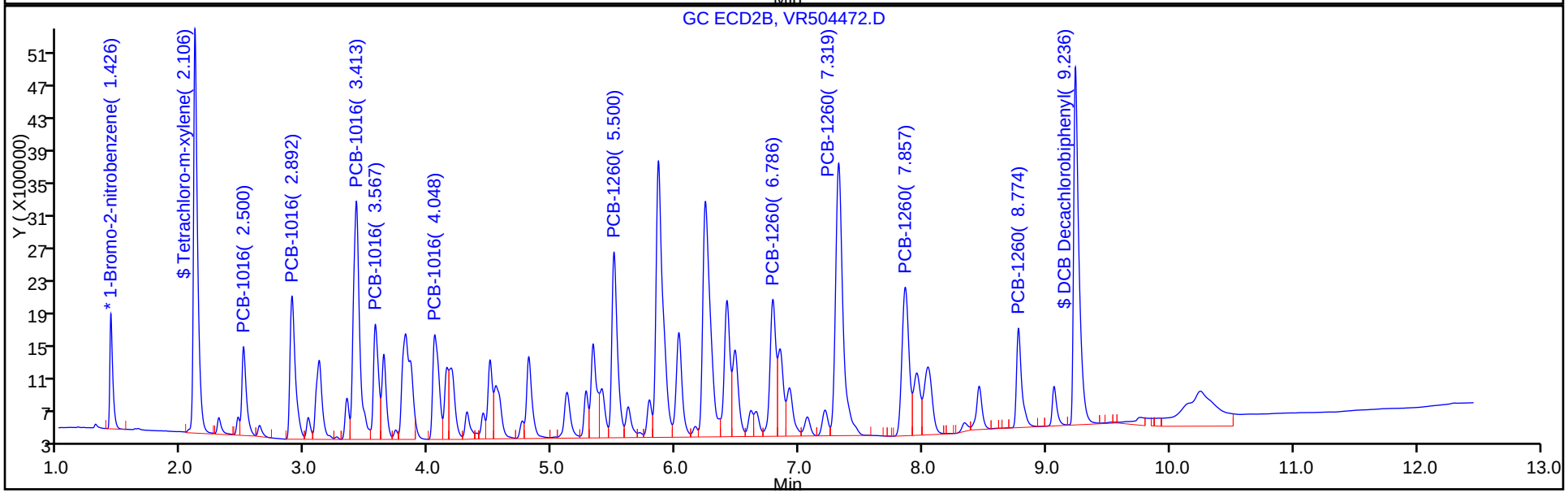
Report Date: 12-Nov-2015 10:52:22 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504472.D

Injection Date:	11-Nov-2015 15:22:19	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCVIS			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334069/1-A

Matrix: Water | Lab File ID: VR504473.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 11/09/2015 10:14

Sample wt/vol: 250(mL) | Date Analyzed: 11/11/2015 15:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334730 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	47		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504473.D
Lims ID: MB 460-334069/1-A
Client ID:
Sample Type: MB
Inject. Date: 11-Nov-2015 15:39:14 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 10:52:17 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 11-Nov-2015 17:05:28

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							sM
1	1.642	1.644	-0.002	3430091	20.0	20.0	M
2	1.426	1.426	0.000	5562711	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.613	2.616	-0.003	7314750	100.0	46.1	M
2	2.108	2.106	0.002	11795877	100.0	43.7	
						RPD = 5.31	
$ 11 DCB Decachlorobiphenyl							M
1	10.117	10.132	-0.015	7126223	100.0	46.7	
2	9.229	9.236	-0.007	13105484	100.0	46.0	M
						RPD = 1.52	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test
Review Flags
M - Manually Integrated

Reagents:

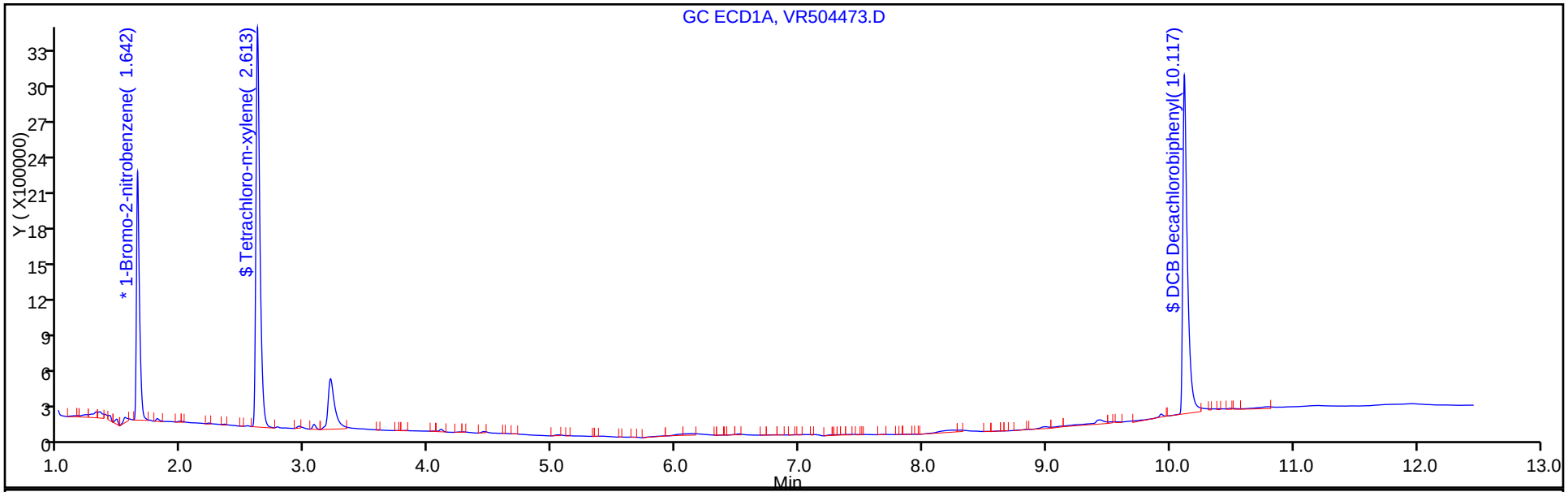
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

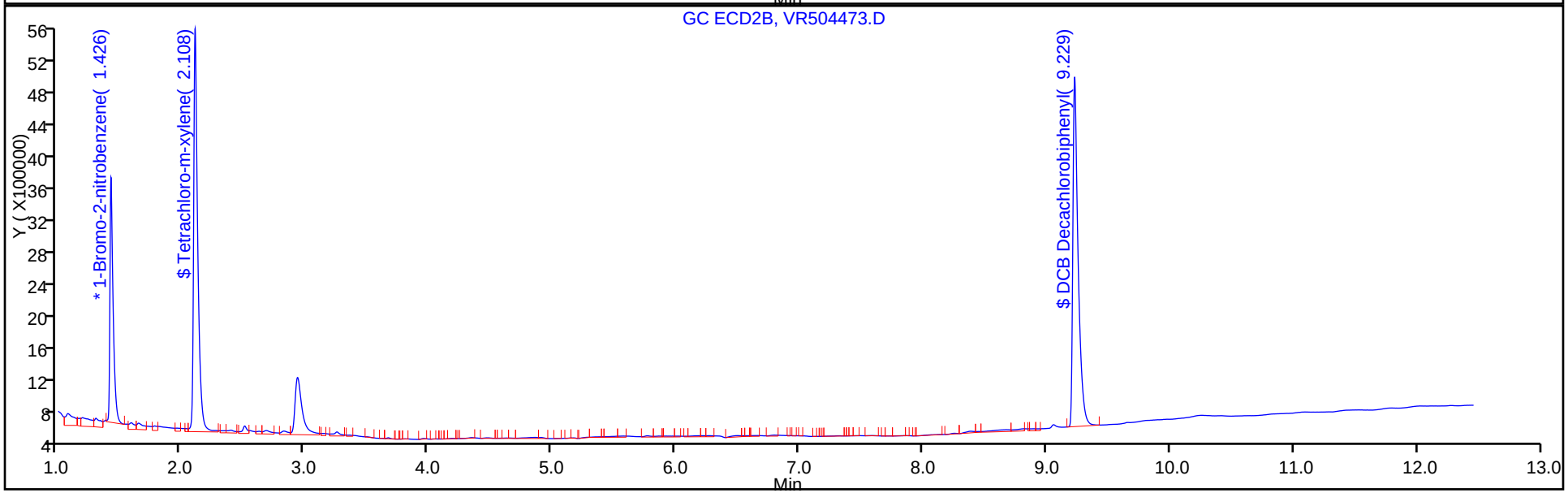
Report Date: 12-Nov-2015 10:52:28 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504473.D

Injection Date:	11-Nov-2015 15:39:14	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	MB 460-334069/1-A			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

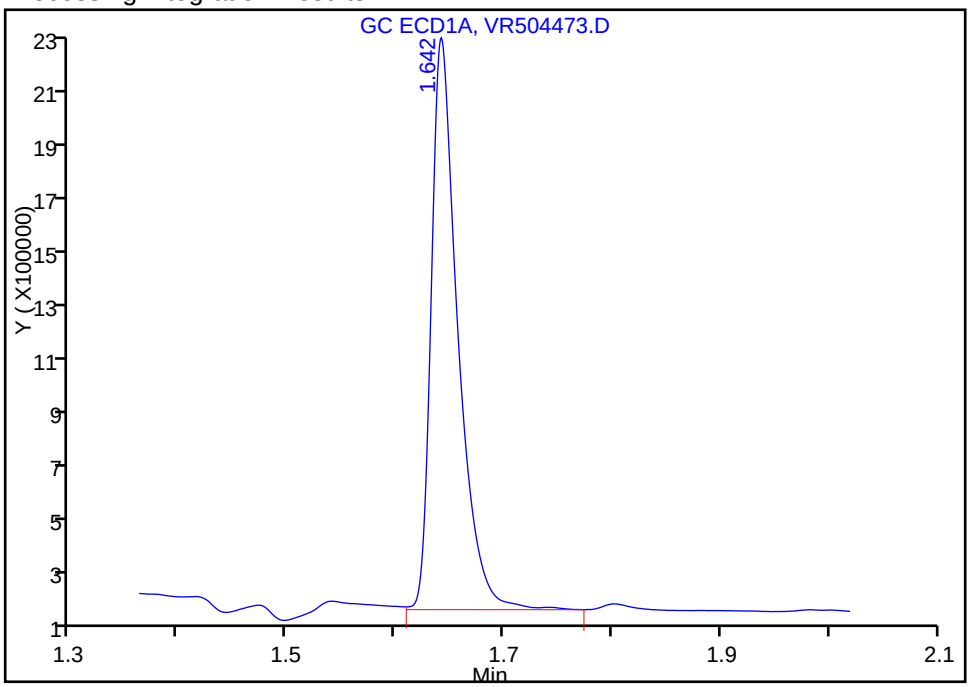
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504473.D
Injection Date: 11-Nov-2015 15:39:14 Instrument ID: CPESTGC9
Lims ID: MB 460-334069/1-A
Client ID:
Operator ID: 615 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD
Column: Detector GC ECD1A

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

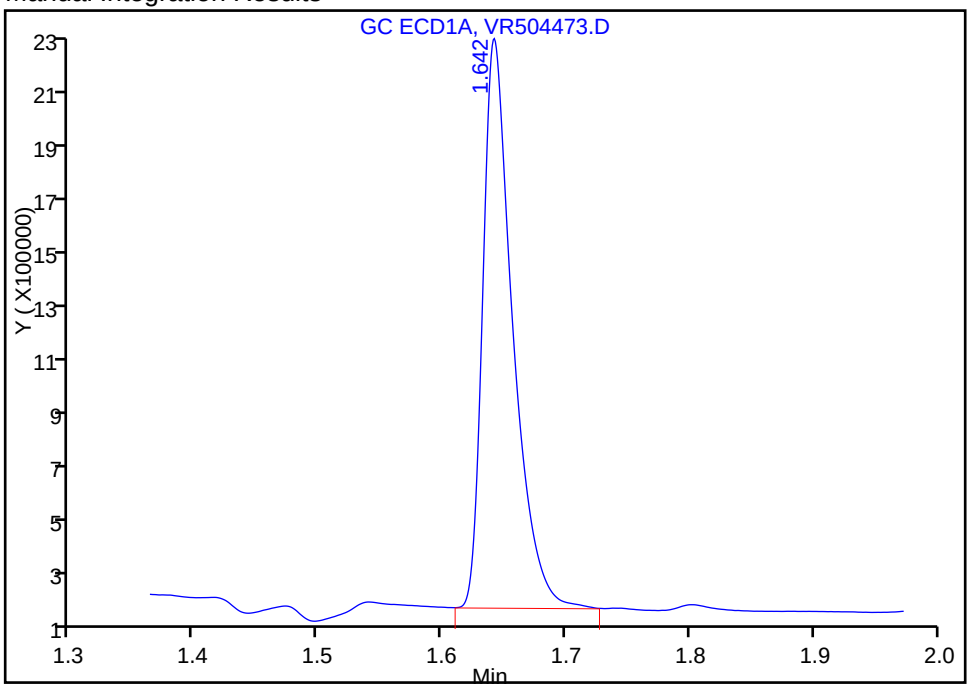
Processing Integration Results

RT: 1.64
Area: 3496860
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.64
Area: 3430091
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 17:05:28
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334069/1-A

Matrix: Water | Lab File ID: VR504473.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 11/09/2015 10:14

Sample wt/vol: 250(mL) | Date Analyzed: 11/11/2015 15:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334730 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.098	U	0.40	0.098
11104-28-2	Aroclor 1221	0.098	U	0.40	0.098
11141-16-5	Aroclor 1232	0.098	U	0.40	0.098
53469-21-9	Aroclor 1242	0.098	U	0.40	0.098
12672-29-6	Aroclor 1248	0.098	U	0.40	0.098
11097-69-1	Aroclor 1254	0.084	U	0.40	0.084
11096-82-5	Aroclor 1260	0.084	U	0.40	0.084
37324-23-5	Aroclor 1262	0.084	U	0.40	0.084
11100-14-4	Aroclor 1268	0.084	U	0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	46		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504473.D
Lims ID: MB 460-334069/1-A
Client ID:
Sample Type: MB
Inject. Date: 11-Nov-2015 15:39:14 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 10:52:17 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 11-Nov-2015 17:05:28

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							sM
1	1.642	1.644	-0.002	3430091	20.0	20.0	M
2	1.426	1.426	0.000	5562711	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.613	2.616	-0.003	7314750	100.0	46.1	M
2	2.108	2.106	0.002	11795877	100.0	43.7	
						RPD = 5.31	
$ 11 DCB Decachlorobiphenyl							M
1	10.117	10.132	-0.015	7126223	100.0	46.7	
2	9.229	9.236	-0.007	13105484	100.0	46.0	M
						RPD = 1.52	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test
Review Flags
M - Manually Integrated

Reagents:

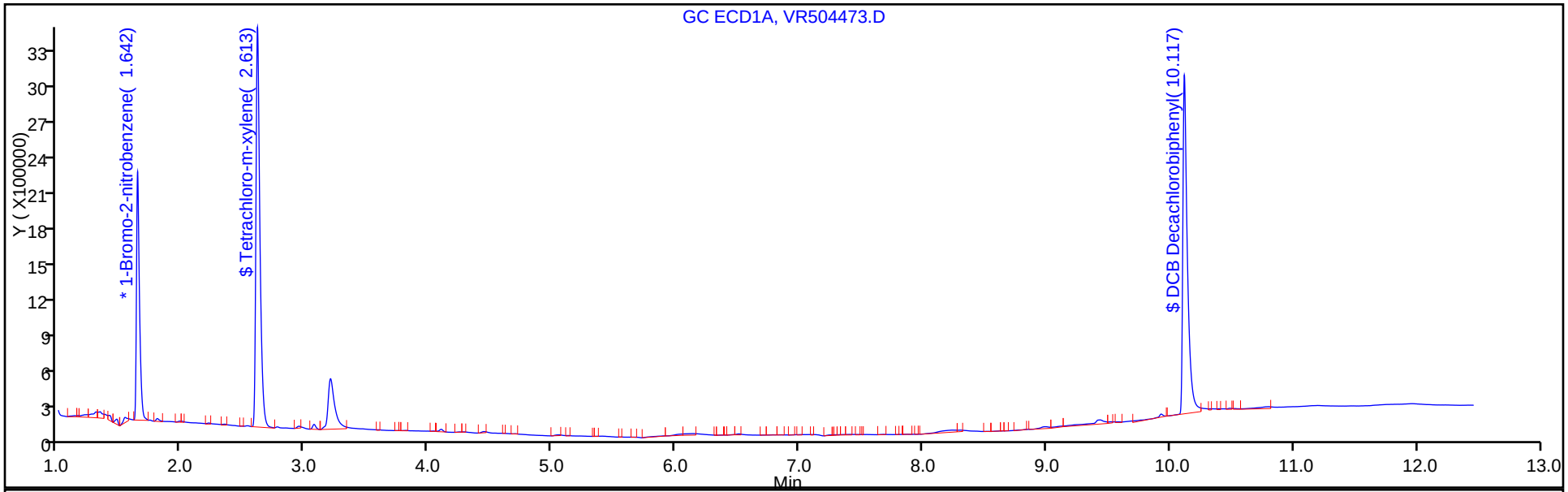
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

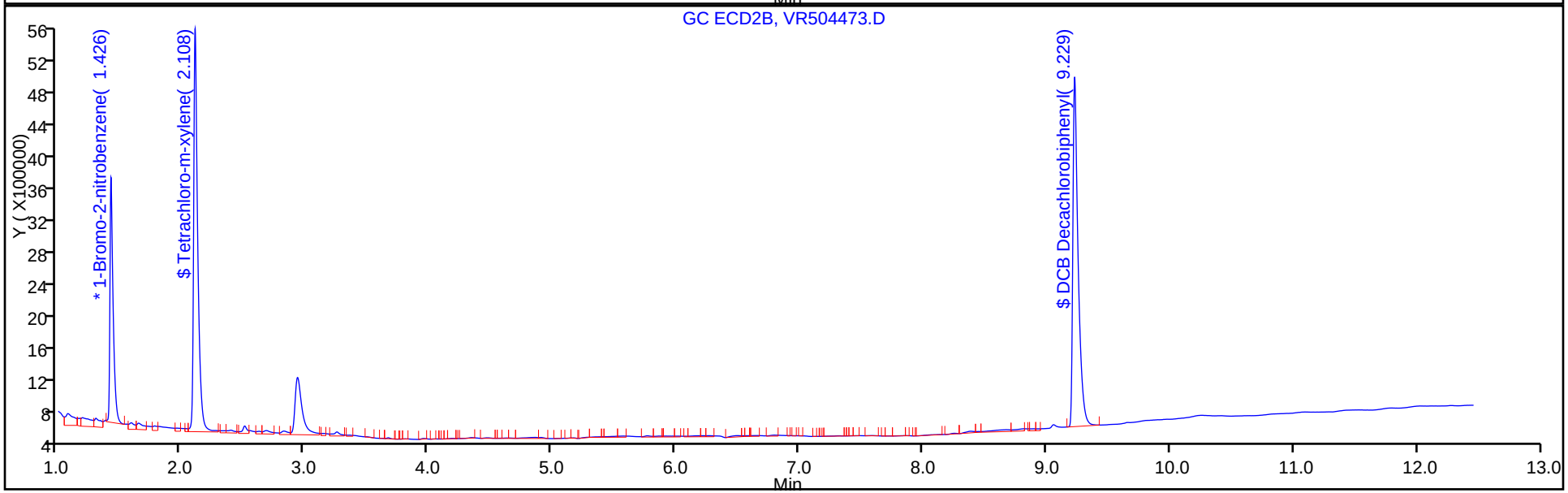
Report Date: 12-Nov-2015 10:52:28 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504473.D

Injection Date:	11-Nov-2015 15:39:14	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	MB 460-334069/1-A			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

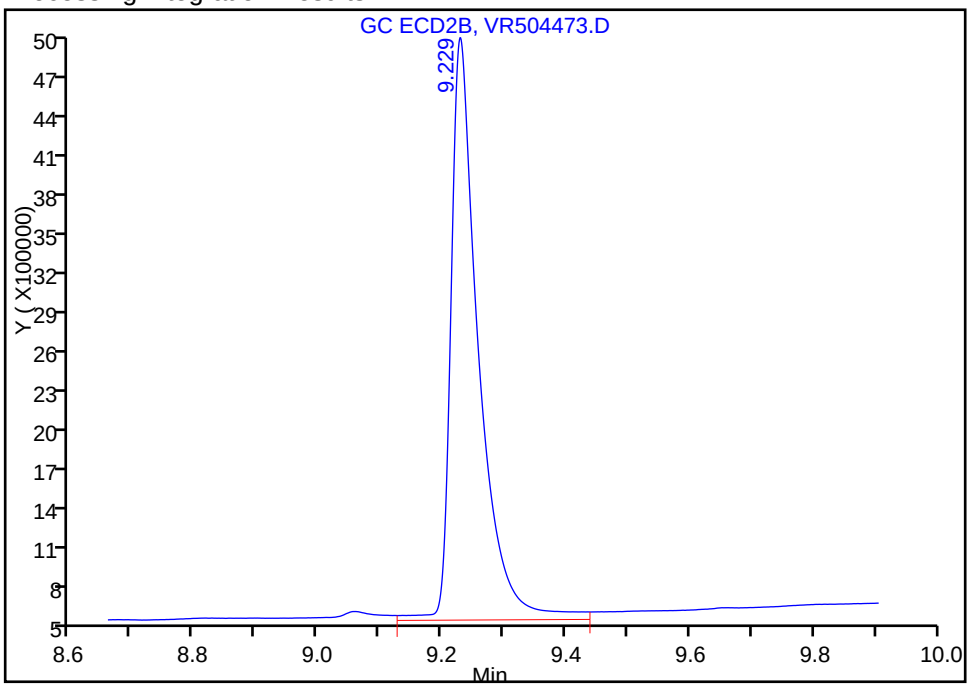
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504473.D
Injection Date: 11-Nov-2015 15:39:14 Instrument ID: CPESTGC9
Lims ID: MB 460-334069/1-A
Client ID:
Operator ID: 615 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD
Column: Detector GC ECD2B

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

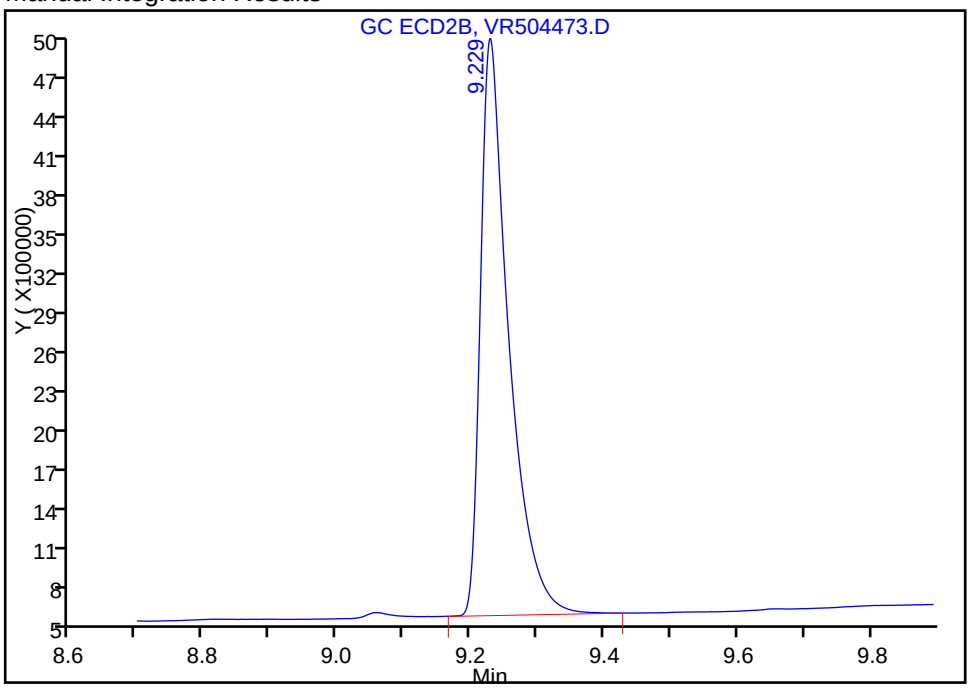
Processing Integration Results

RT: 9.23
Area: 13979422
Amount: 49.063318
Amount Units: ug/l



Manual Integration Results

RT: 9.23
Area: 13105484
Amount: 45.996074
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 17:05:28
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504473.D

Injection Date: 11-Nov-2015 15:39:14 Instrument ID: CPESTGC9

Lims ID: MB 460-334069/1-A

Client ID:

Operator ID: 615 ALS Bottle#: 2 Worklist Smp#: 2

Injection Vol: 1.0 ul Dil. Factor: 1.0000

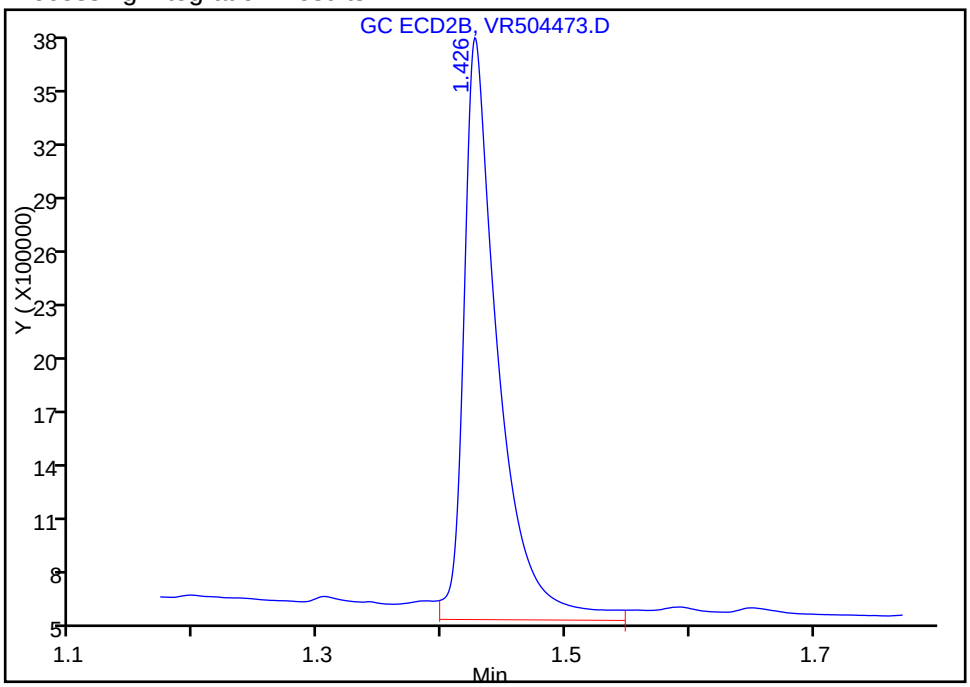
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD

Column: Detector GC ECD2B

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

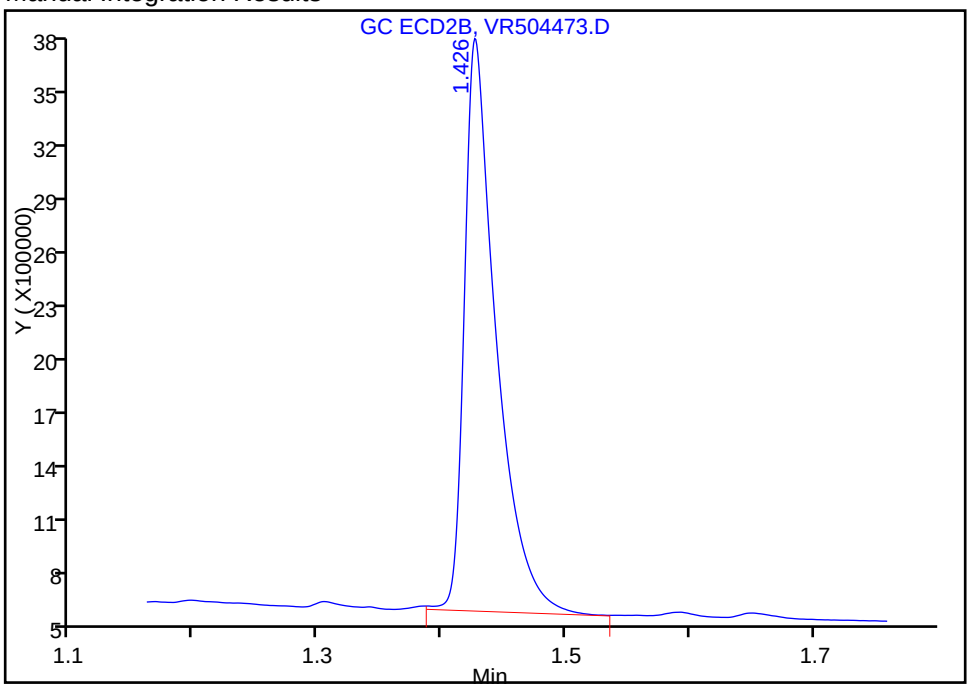
Processing Integration Results

RT: 1.43
Area: 6139042
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.43
Area: 5562711
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 17:05:28
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334586/1-A

Matrix: Solid | Lab File ID: T1312098.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:21

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/11/2015 22:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	114		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312098.D
Lims ID: MB 460-334586/1-A
Client ID:
Sample Type: MB
Inject. Date: 11-Nov-2015 22:33:02 ALS Bottle#: 33 Worklist Smp#: 33
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-033
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:21:17 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: boykinc Date: 11-Nov-2015 23:04:25

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.519	1.521	-0.002	27751108	20.0	20.0	
2	1.345	1.339	0.006	34843940	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.399	2.405	-0.006	68576875	50.0	55.7	
2	1.969	1.961	0.008	90564245	50.0	55.6	
						RPD = 0.08	
$ 11 DCB Decachlorobiphenyl							
1	10.455	10.471	-0.016	52212111	50.0	56.9	
2	8.964	8.963	0.001	98226194	50.0	60.1	
						RPD = 5.57	

Reagents:

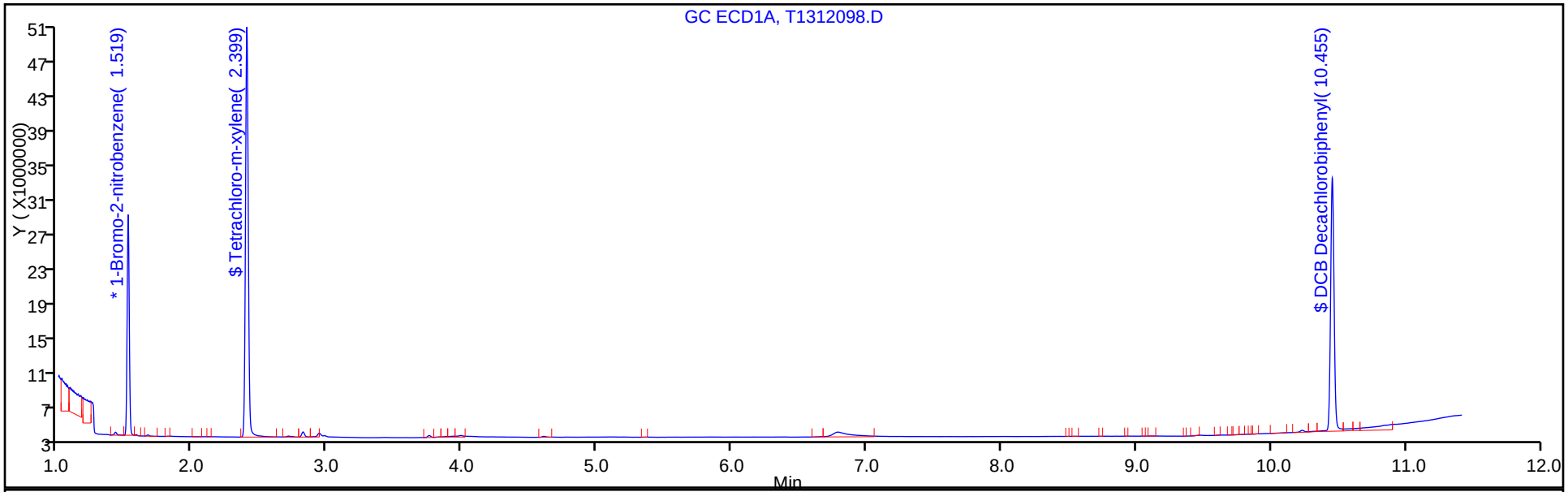
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

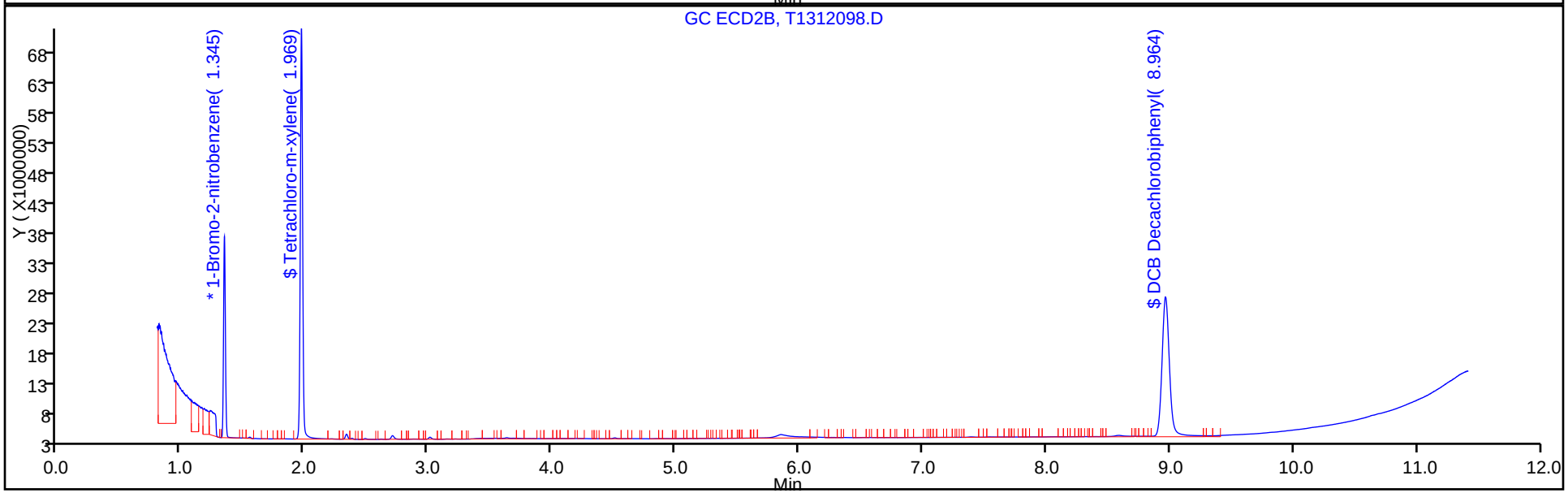
Report Date: 12-Nov-2015 12:21:20 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312098.D

Injection Date:	11-Nov-2015 22:33:02	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	MB 460-334586/1-A			Worklist Smp#:	33
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	33
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334586/1-A

Matrix: Solid | Lab File ID: T1312098.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:21

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/11/2015 22:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	8.9	U	67	8.9
11104-28-2	Aroclor 1221	8.9	U	67	8.9
11141-16-5	Aroclor 1232	8.9	U	67	8.9
53469-21-9	Aroclor 1242	8.9	U	67	8.9
12672-29-6	Aroclor 1248	8.9	U	67	8.9
11097-69-1	Aroclor 1254	9.2	U	67	9.2
11096-82-5	Aroclor 1260	9.2	U	67	9.2
37324-23-5	Aroclor 1262	9.2	U	67	9.2
11100-14-4	Aroclor 1268	9.2	U	67	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	120		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312098.D
Lims ID: MB 460-334586/1-A
Client ID:
Sample Type: MB
Inject. Date: 11-Nov-2015 22:33:02 ALS Bottle#: 33 Worklist Smp#: 33
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-033
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:21:17 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: boykinc Date: 11-Nov-2015 23:04:25

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.519	1.521	-0.002	27751108	20.0	20.0	
2	1.345	1.339	0.006	34843940	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.399	2.405	-0.006	68576875	50.0	55.7	
2	1.969	1.961	0.008	90564245	50.0	55.6	
						RPD = 0.08	
$ 11 DCB Decachlorobiphenyl							
1	10.455	10.471	-0.016	52212111	50.0	56.9	
2	8.964	8.963	0.001	98226194	50.0	60.1	
						RPD = 5.57	

Reagents:

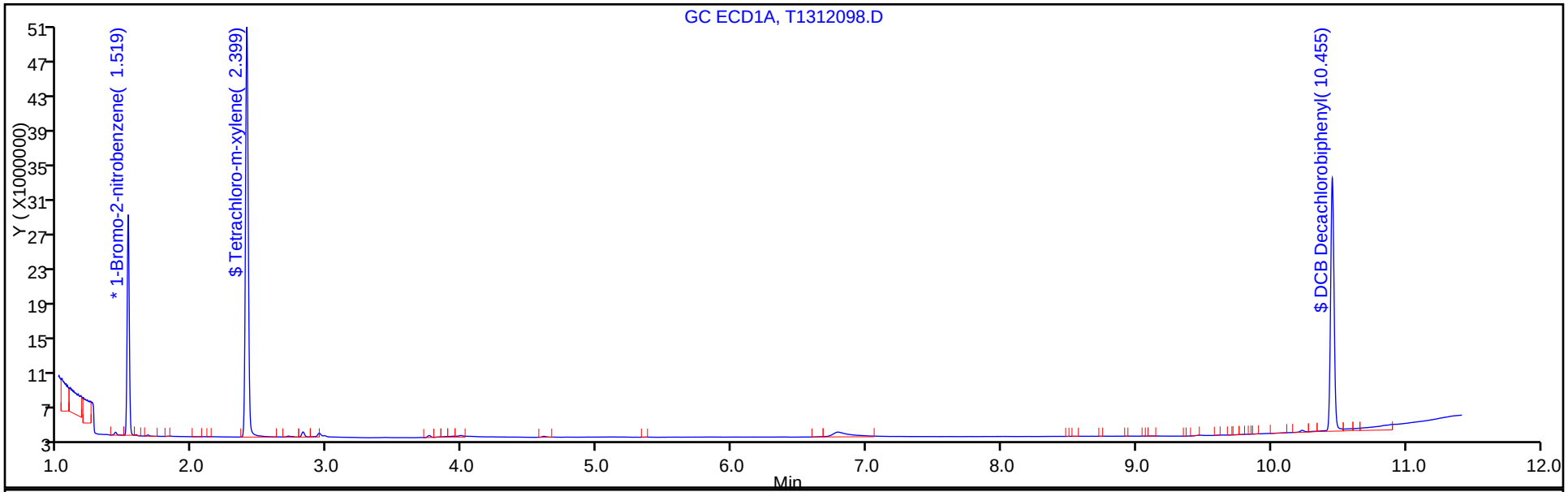
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

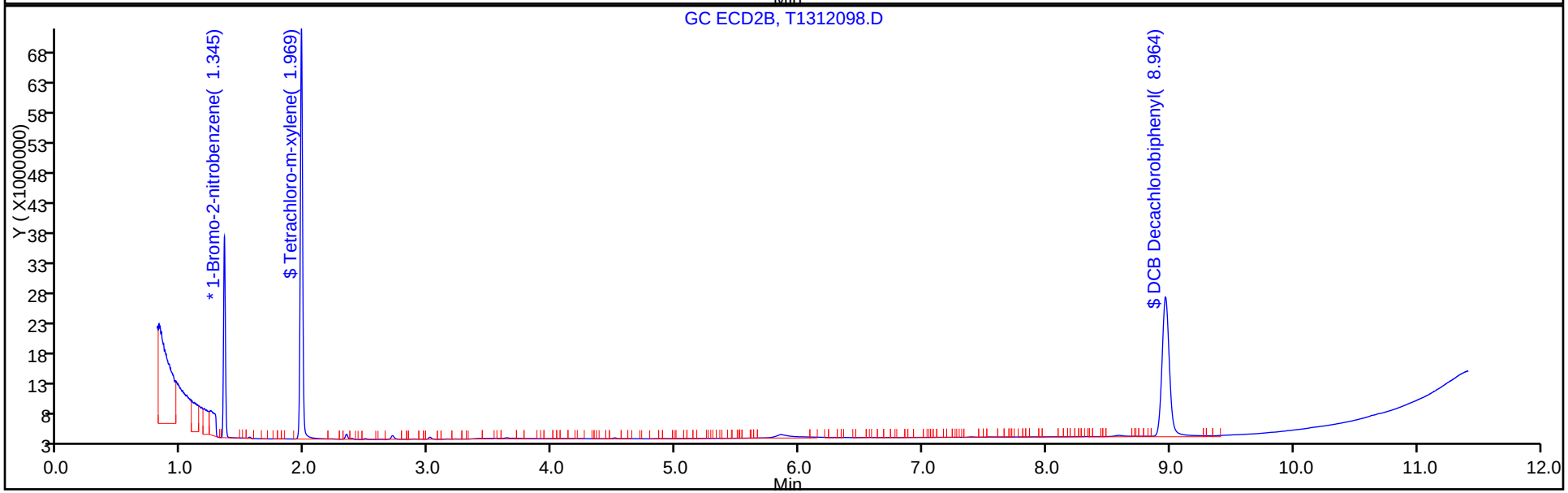
Report Date: 12-Nov-2015 12:21:21 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312098.D

Injection Date:	11-Nov-2015 22:33:02	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	MB 460-334586/1-A			Worklist Smp#:	33
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	33
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-334588/1-A

Matrix: Solid Lab File ID: T1312067.D

Analysis Method: 8082A Date Collected:

Extraction Method: 3546 Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0000(g) Date Analyzed: 11/11/2015 15:01

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312067.D
Lims ID: MB 460-334588/1-A
Client ID:
Sample Type: MB
Inject. Date: 11-Nov-2015 15:01:27 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:17:44 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 11-Nov-2015 16:39:13

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.521	1.521	0.000	29590827	20.0	20.0	
2	1.339	1.339	0.000	35755175	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.404	2.405	-0.001	62806086	50.0	47.8	
2	1.962	1.961	0.001	80861381	50.0	48.4	
						RPD = 1.21	
$ 11 DCB Decachlorobiphenyl							
1	10.475	10.471	0.004	48798437	50.0	49.8	
2	8.964	8.963	0.001	93167491	50.0	55.6	
						RPD = 10.87	

Reagents:

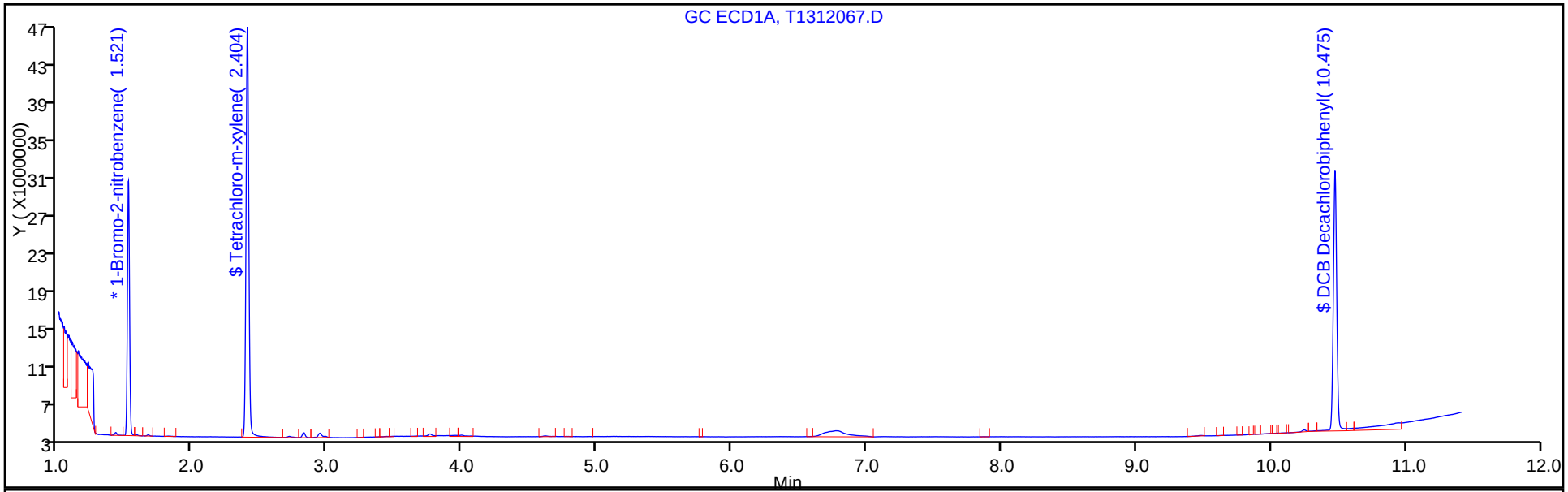
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

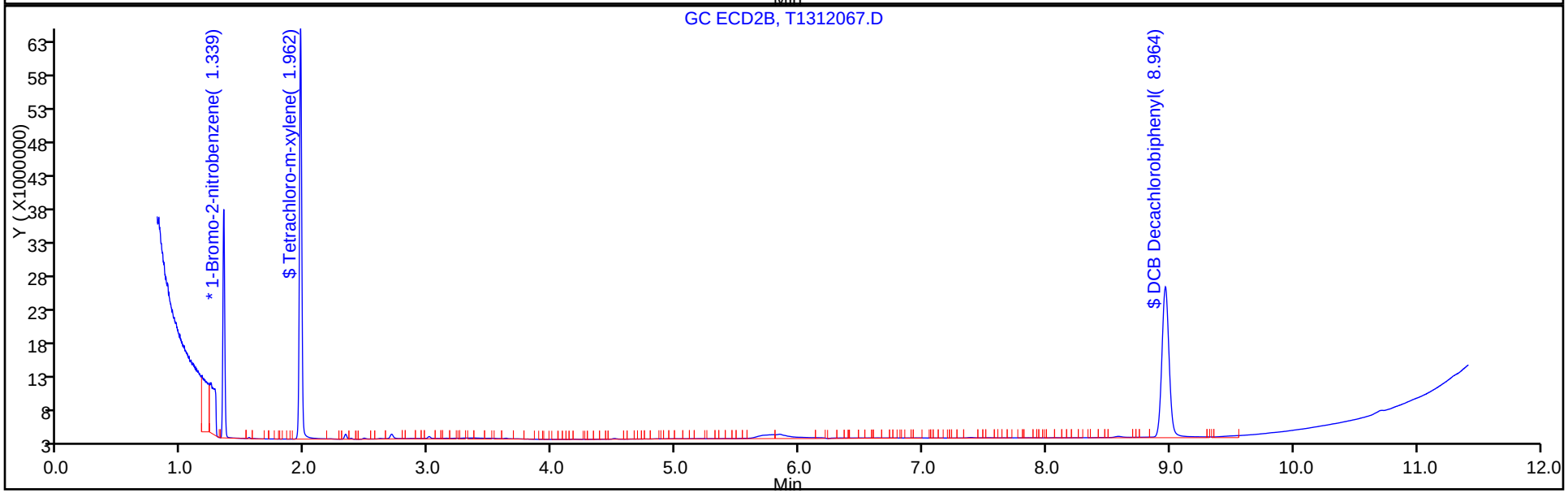
Report Date: 12-Nov-2015 12:17:56 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312067.D

Injection Date:	11-Nov-2015 15:01:27	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	MB 460-334588/1-A			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334588/1-A

Matrix: Solid | Lab File ID: T1312067.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/11/2015 15:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	8.9	U	67	8.9
11104-28-2	Aroclor 1221	8.9	U	67	8.9
11141-16-5	Aroclor 1232	8.9	U	67	8.9
53469-21-9	Aroclor 1242	8.9	U	67	8.9
12672-29-6	Aroclor 1248	8.9	U	67	8.9
11097-69-1	Aroclor 1254	9.2	U	67	9.2
11096-82-5	Aroclor 1260	9.2	U	67	9.2
37324-23-5	Aroclor 1262	9.2	U	67	9.2
11100-14-4	Aroclor 1268	9.2	U	67	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	111		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312067.D
Lims ID: MB 460-334588/1-A
Client ID:
Sample Type: MB
Inject. Date: 11-Nov-2015 15:01:27 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:17:44 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 11-Nov-2015 16:39:13

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.521	1.521	0.000	29590827	20.0	20.0	
2	1.339	1.339	0.000	35755175	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.404	2.405	-0.001	62806086	50.0	47.8	
2	1.962	1.961	0.001	80861381	50.0	48.4	
						RPD = 1.21	
$ 11 DCB Decachlorobiphenyl							
1	10.475	10.471	0.004	48798437	50.0	49.8	
2	8.964	8.963	0.001	93167491	50.0	55.6	
						RPD = 10.87	

Reagents:

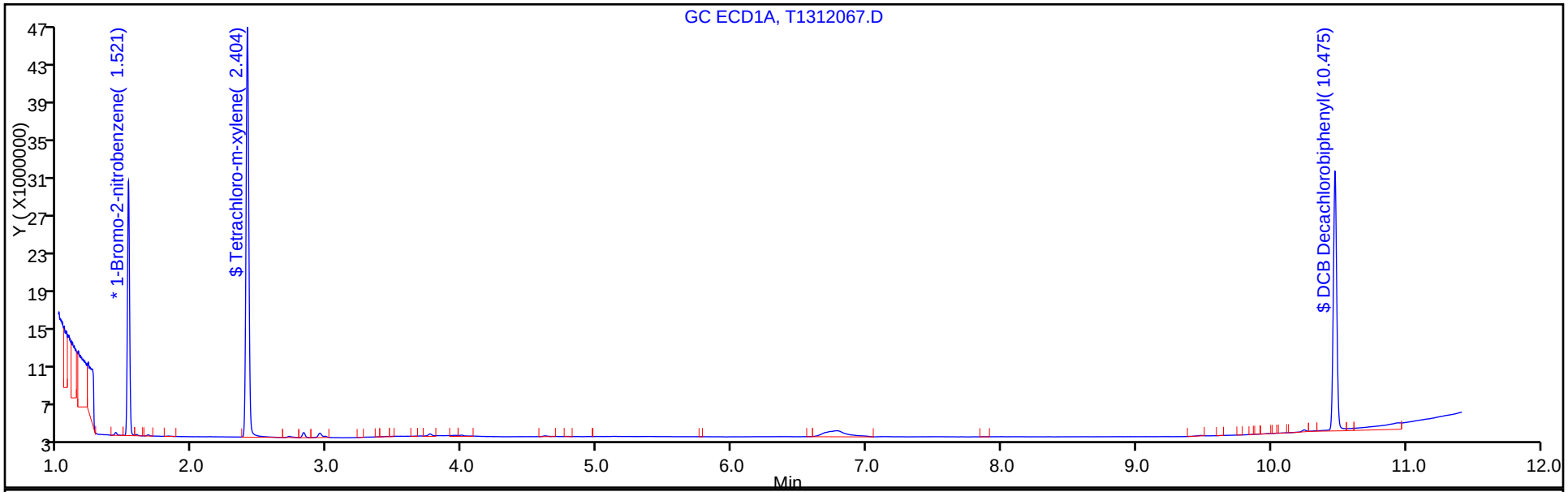
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

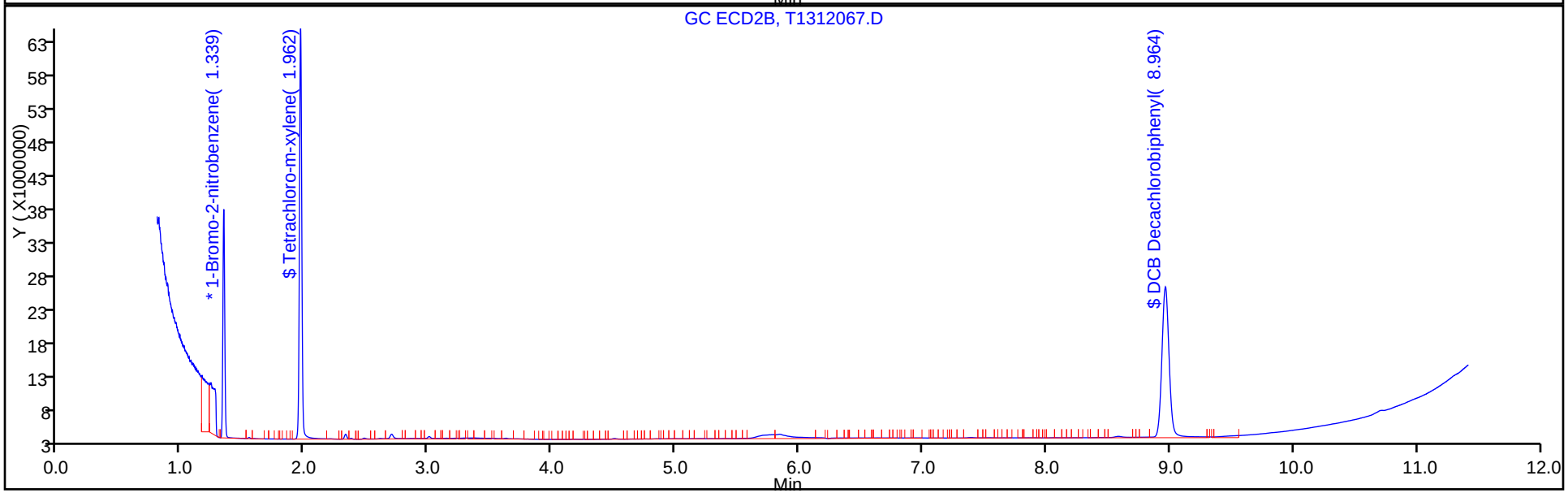
Report Date: 12-Nov-2015 12:17:57 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312067.D

Injection Date:	11-Nov-2015 15:01:27	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	MB 460-334588/1-A			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334069/2-A

Matrix: Water | Lab File ID: VR504474.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 11/09/2015 10:14

Sample wt/vol: 250(mL) | Date Analyzed: 11/11/2015 15:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334730 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	5.05		0.40	0.098
11096-82-5	Aroclor 1260	5.26		0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	75		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504474.D
Lims ID: LCS 460-334069/2-A
Client ID:
Sample Type: LCS
Inject. Date: 11-Nov-2015 15:55:00 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034122-003
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 10:52:17 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 11-Nov-2015 17:06:13

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.640	1.644	-0.004	1638772	20.0	20.0	M
2	1.428	1.426	0.002	2757200	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.611	2.616	-0.005	6491920	100.0	85.6	M
2	2.109	2.106	0.003	10947843	100.0	81.8	
						RPD = 4.51	
5 PCB-1016							M
1	0.000	3.235	-3.235	0	1000.0	0	
1	3.742	3.749	-0.007	5226342	1000.0	1238.0	
1	4.308	4.315	-0.007	8855974	1000.0	1220.2	
1	5.066	5.072	-0.006	2928634	1000.0	1272.1	
1	5.219	5.225	-0.006	3482907	1000.0	1316.9	
		Average of Peak Amounts =				1261.8	
2	2.503	2.500	0.003	4052415	1000.0	1130.2	
2	0.000	2.892	-2.892	0	1000.0	0	
2	3.415	3.413	0.002	16401898	1000.0	1252.3	M
2	3.569	3.567	0.002	6324505	1000.0	1291.4	M
2	4.050	4.048	0.002	6640340	1000.0	1256.7	
		Average of Peak Amounts =				1232.6	
						RPD = 2.34	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							
1	6.859	6.865	-0.006	6280303	1000.0	1224.5	
1	7.234	7.241	-0.007	7191577	1000.0	1220.7	
1	8.537	8.544	-0.007	4840065	1000.0	1334.8	
1	8.831	8.840	-0.009	10143794	1000.0	1361.2	
1	9.673	9.692	-0.019	2812694	1000.0	1428.0	
		Average of Peak Amounts =				1313.9	
2	5.501	5.500	0.001	10081170	1000.0	1180.1	
2	6.787	6.786	0.001	8788686	1000.0	1267.6	
2	7.320	7.319	0.001	20682033	1000.0	1284.0	
2	7.859	7.857	0.002	9721331	1000.0	1239.1	
2	0.000	8.774	-8.774	0	1000.0	0	
		Average of Peak Amounts =				1242.7	
						RPD = 5.57	
$ 11 DCB Decachlorobiphenyl							M
1	10.108	10.132	-0.024	5502419	100.0	75.5	
2	9.225	9.236	-0.011	10154824	100.0	71.9	M
						RPD = 4.85	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

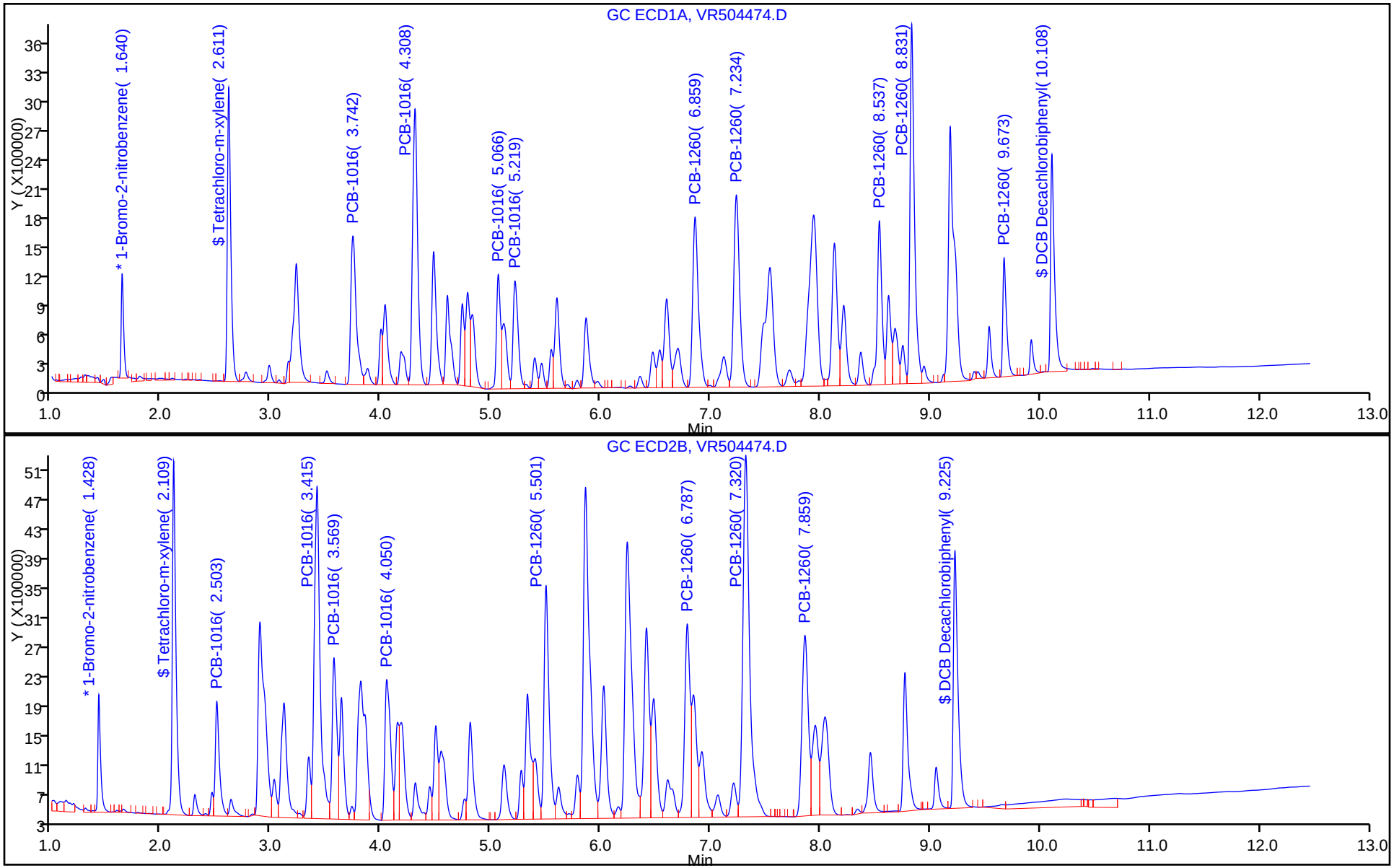
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 12-Nov-2015 10:52:31 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504474.D

Injection Date:	11-Nov-2015 15:55:00	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	LCS 460-334069/2-A			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		



Manual Integration/User Assign Peak Report

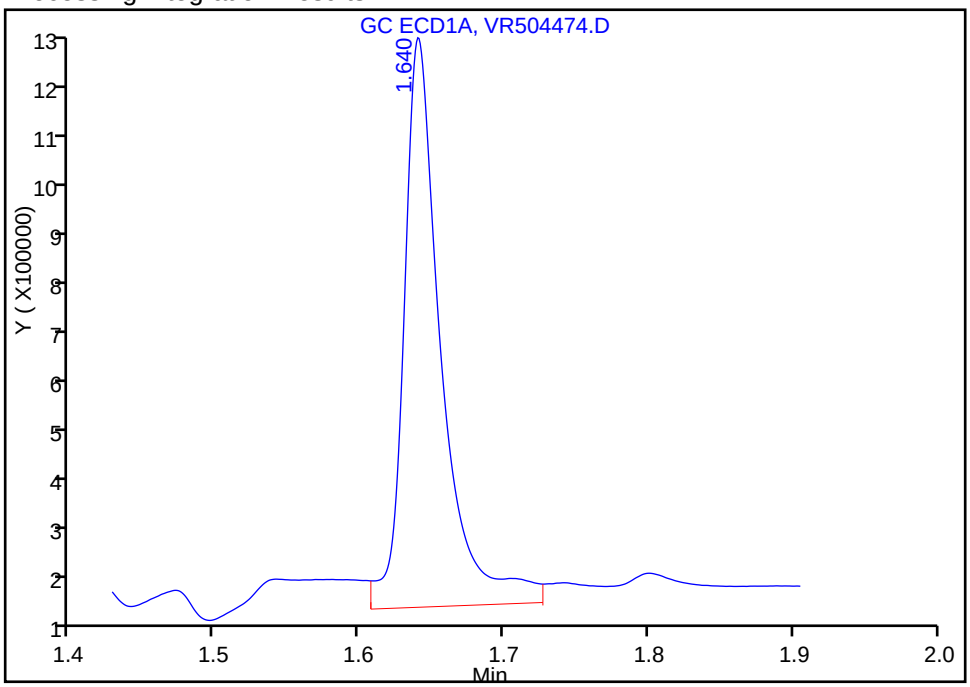
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504474.D
Injection Date: 11-Nov-2015 15:55:00 Instrument ID: CPESTGC9
Lims ID: LCS 460-334069/2-A
Client ID:
Operator ID: 615 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD
Column: Detector GC ECD1A

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

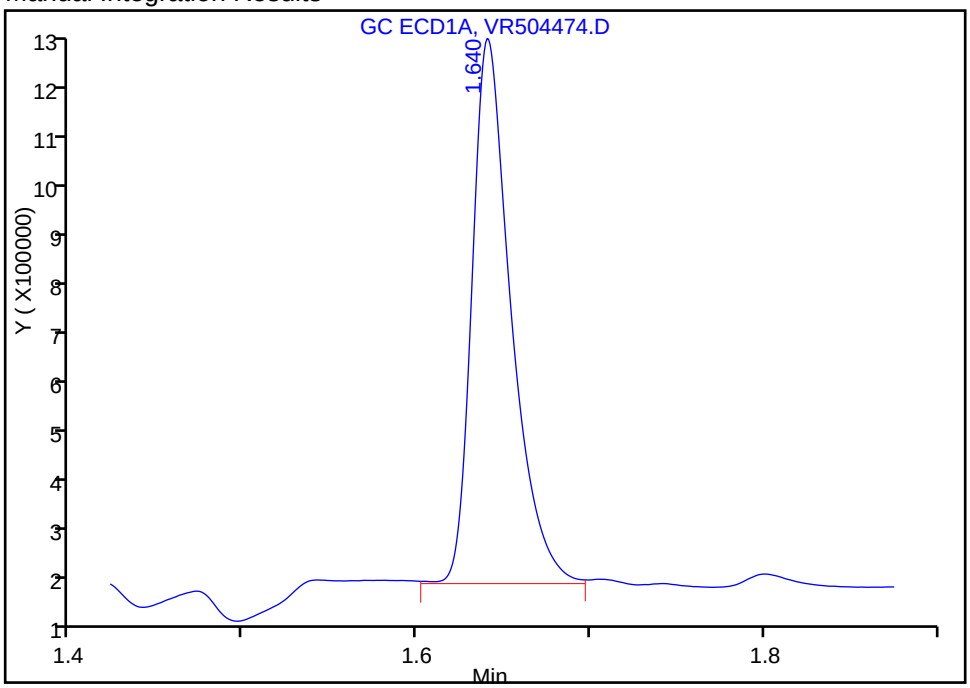
Processing Integration Results

RT: 1.64
Area: 1959951
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.64
Area: 1638772
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 17:07:49
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334069/2-A

Matrix: Water | Lab File ID: VR504474.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 11/09/2015 10:14

Sample wt/vol: 250(mL) | Date Analyzed: 11/11/2015 15:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334730 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*4.93*		*0.40*	*0.098*
11096-82-5	*Aroclor 1260*	*4.97*		*0.40*	*0.084*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	72		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504474.D
Lims ID: LCS 460-334069/2-A
Client ID:
Sample Type: LCS
Inject. Date: 11-Nov-2015 15:55:00 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034122-003
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 10:52:17 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 11-Nov-2015 17:06:13

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.640	1.644	-0.004	1638772	20.0	20.0	M
2	1.428	1.426	0.002	2757200	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.611	2.616	-0.005	6491920	100.0	85.6	M
2	2.109	2.106	0.003	10947843	100.0	81.8	
						RPD = 4.51	
5 PCB-1016							M
1	0.000	3.235	-3.235	0	1000.0	0	
1	3.742	3.749	-0.007	5226342	1000.0	1238.0	
1	4.308	4.315	-0.007	8855974	1000.0	1220.2	
1	5.066	5.072	-0.006	2928634	1000.0	1272.1	
1	5.219	5.225	-0.006	3482907	1000.0	1316.9	
		Average of Peak Amounts =				1261.8	
2	2.503	2.500	0.003	4052415	1000.0	1130.2	
2	0.000	2.892	-2.892	0	1000.0	0	
2	3.415	3.413	0.002	16401898	1000.0	1252.3	M
2	3.569	3.567	0.002	6324505	1000.0	1291.4	M
2	4.050	4.048	0.002	6640340	1000.0	1256.7	
		Average of Peak Amounts =				1232.6	
						RPD = 2.34	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							
1	6.859	6.865	-0.006	6280303	1000.0	1224.5	
1	7.234	7.241	-0.007	7191577	1000.0	1220.7	
1	8.537	8.544	-0.007	4840065	1000.0	1334.8	
1	8.831	8.840	-0.009	10143794	1000.0	1361.2	
1	9.673	9.692	-0.019	2812694	1000.0	1428.0	
		Average of Peak Amounts =				1313.9	
2	5.501	5.500	0.001	10081170	1000.0	1180.1	
2	6.787	6.786	0.001	8788686	1000.0	1267.6	
2	7.320	7.319	0.001	20682033	1000.0	1284.0	
2	7.859	7.857	0.002	9721331	1000.0	1239.1	
2	0.000	8.774	-8.774	0	1000.0	0	
		Average of Peak Amounts =				1242.7	
						RPD = 5.57	
$ 11 DCB Decachlorobiphenyl							M
1	10.108	10.132	-0.024	5502419	100.0	75.5	
2	9.225	9.236	-0.011	10154824	100.0	71.9	M
						RPD = 4.85	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

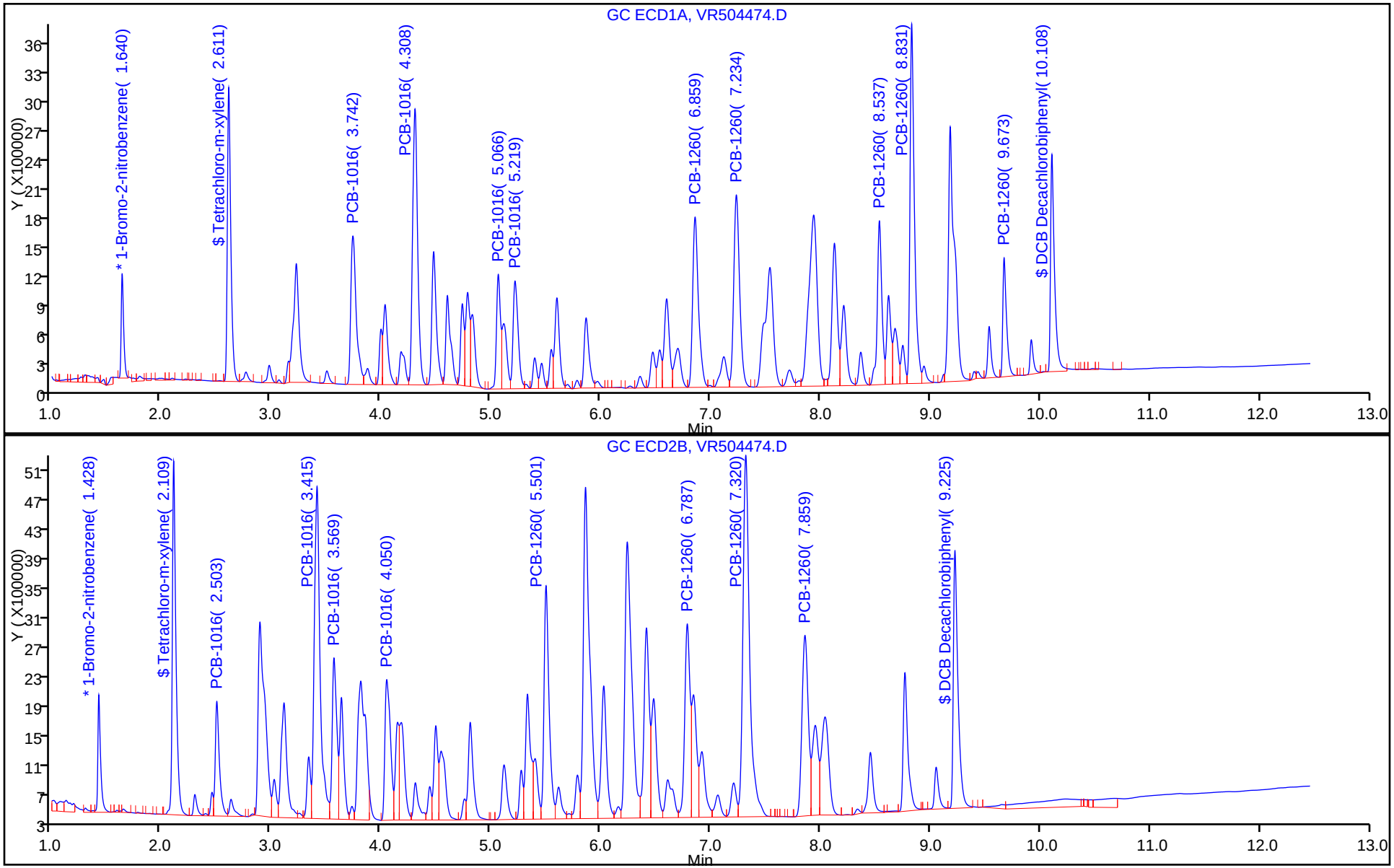
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 12-Nov-2015 10:52:32 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504474.D

Injection Date:	11-Nov-2015 15:55:00	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	LCS 460-334069/2-A			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		



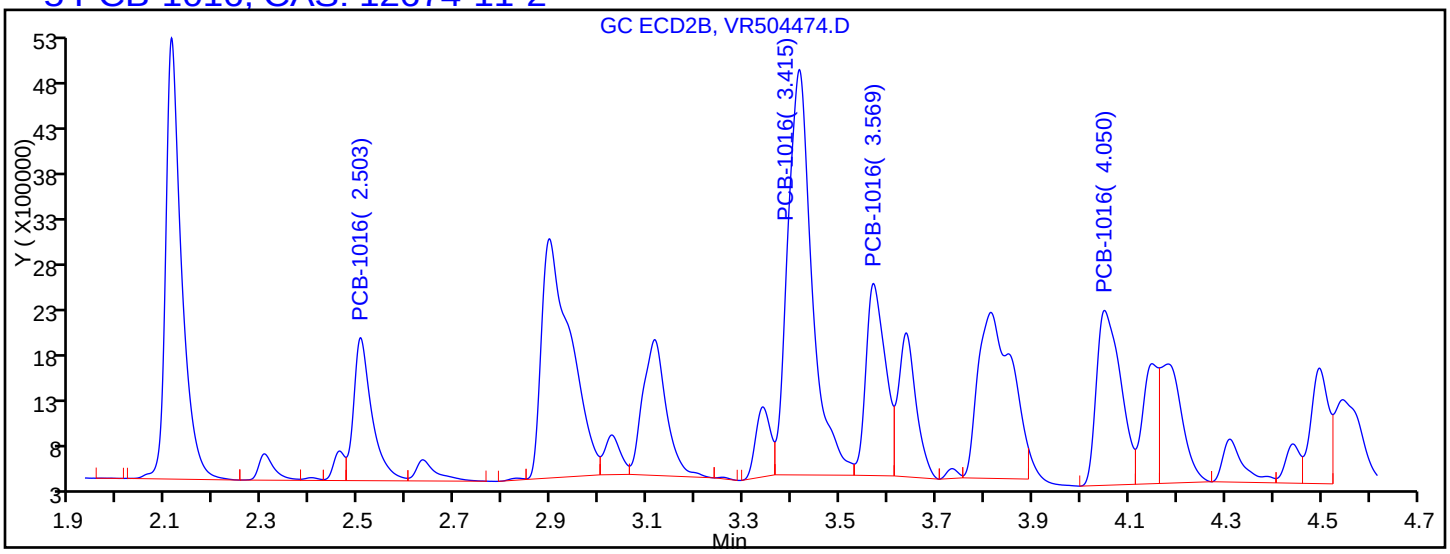
Report Date: 12-Nov-2015 10:52:32 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504474.D

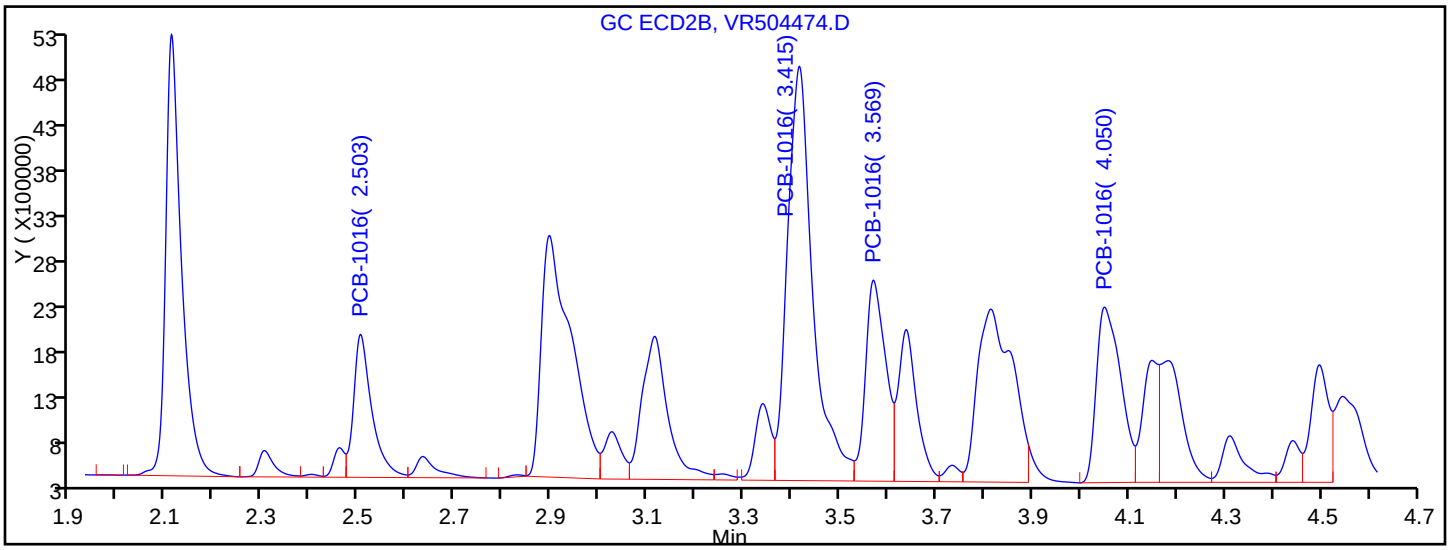
Injection Date:	11-Nov-2015 15:55:00	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-334069/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

RT = 2.503	Response = 4052415	
RT = 2.895	Response = 10941560	
RT = 3.415	Response = 15448360	M
RT = 3.569	Response = 5847573	M
RT = 4.050	Response = 6640340	



Manual Integration Results

RT = 2.503	Response = 4052415	
RT = 0.000	Response = 0	
RT = 3.415	Response = 16401898	M
RT = 3.569	Response = 6324505	M
RT = 4.050	Response = 6640340	

Reviewer: patelji, 11-Nov-2015 17:06:13

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

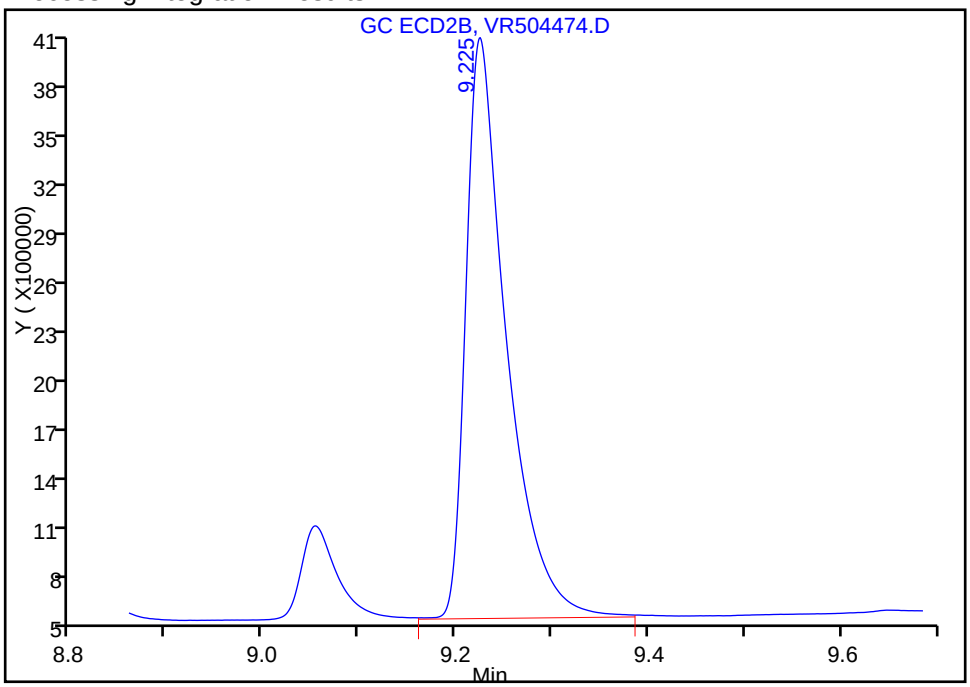
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504474.D
Injection Date: 11-Nov-2015 15:55:00 Instrument ID: CPESTGC9
Lims ID: LCS 460-334069/2-A
Client ID:
Operator ID: 615 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD
Column: Detector GC ECD2B

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

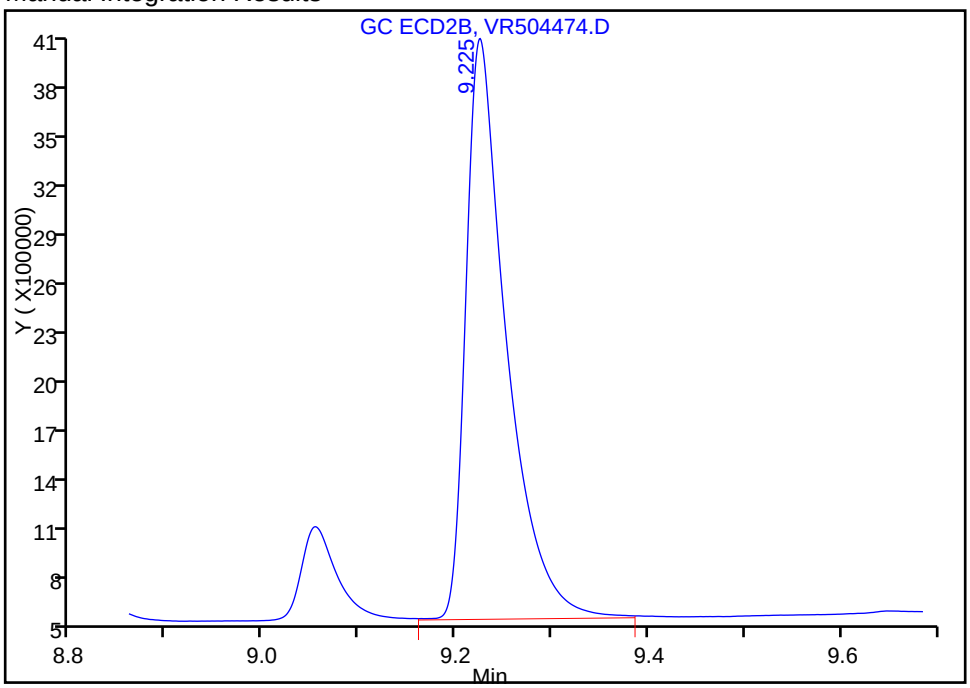
Processing Integration Results

RT: 9.23
Area: 10610530
Amount: 75.131663
Amount Units: ug/l



Manual Integration Results

RT: 9.23
Area: 10154824
Amount: 71.904873
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 17:06:13
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334586/2-A

Matrix: Solid | Lab File ID: T1312099.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:21

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/11/2015 22:47

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	356		67	8.9
11096-82-5	Aroclor 1260	382		67	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	117		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312099.D
Lims ID: LCS 460-334586/2-A
Client ID:
Sample Type: LCS
Inject. Date: 11-Nov-2015 22:47:38 ALS Bottle#: 34 Worklist Smp#: 34
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-034
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:21:17 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 11:45:28

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.519	1.521	-0.002	25862623	20.0	20.0	
2	1.345	1.339	0.006	32358279	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.399	2.405	-0.006	64052042	50.0	55.8	
2	1.969	1.961	0.008	85590166	50.0	56.6	
						RPD = 1.45	
5 PCB-1016							
1	2.961	2.967	-0.006	12959469	500.0	566.5	
1	3.425	3.431	-0.006	22843897	500.0	523.5	
1	3.941	3.948	-0.007	46979604	500.0	522.9	
1	4.631	4.638	-0.007	15298608	500.0	506.2	
1	4.770	4.776	-0.006	18323211	500.0	547.9	
		Average of Peak Amounts =				533.4	
2	2.324	2.316	0.008	15948582	500.0	522.9	
2	2.679	2.670	0.009	32764853	500.0	559.6	
2	3.149	3.142	0.007	62643480	500.0	504.6	
2	3.289	3.282	0.007	26526115	500.0	488.9	
2	3.722	3.715	0.007	26054620	500.0	474.5	
		Average of Peak Amounts =				510.1	
						RPD = 4.46	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.142	6.152	-0.010	32462326	500.0	527.2	
1	6.450	6.459	-0.009	36794670	500.0	543.9	
1	7.642	7.654	-0.012	29231449	500.0	588.4	M
1	8.134	8.146	-0.012	63565738	500.0	575.2	M
1	9.894	9.904	-0.010	17515954	500.0	632.6	
		Average of Peak Amounts =				573.4	
2	5.031	5.027	0.004	40526906	500.0	526.1	
2	6.094	6.090	0.004	40437526	500.0	546.2	
2	6.529	6.525	0.004	88107465	500.0	553.4	M
2	6.943	6.937	0.006	43280742	500.0	479.9	
2	8.029	8.026	0.003	24827247	500.0	583.2	M
		Average of Peak Amounts =				537.8	
						RPD = 6.42	
$ 11 DCB Decachlorobiphenyl							
1	10.454	10.471	-0.017	50091229	50.0	58.5	
2	8.964	8.963	0.001	91449161	50.0	60.3	
						RPD = 2.92	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

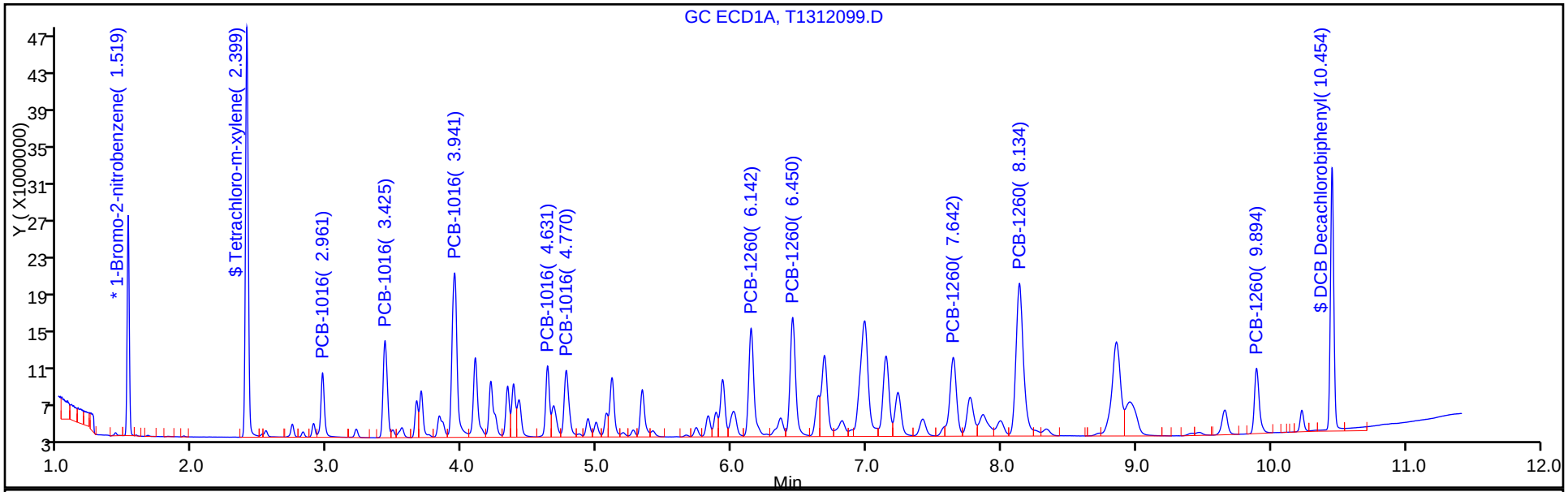
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

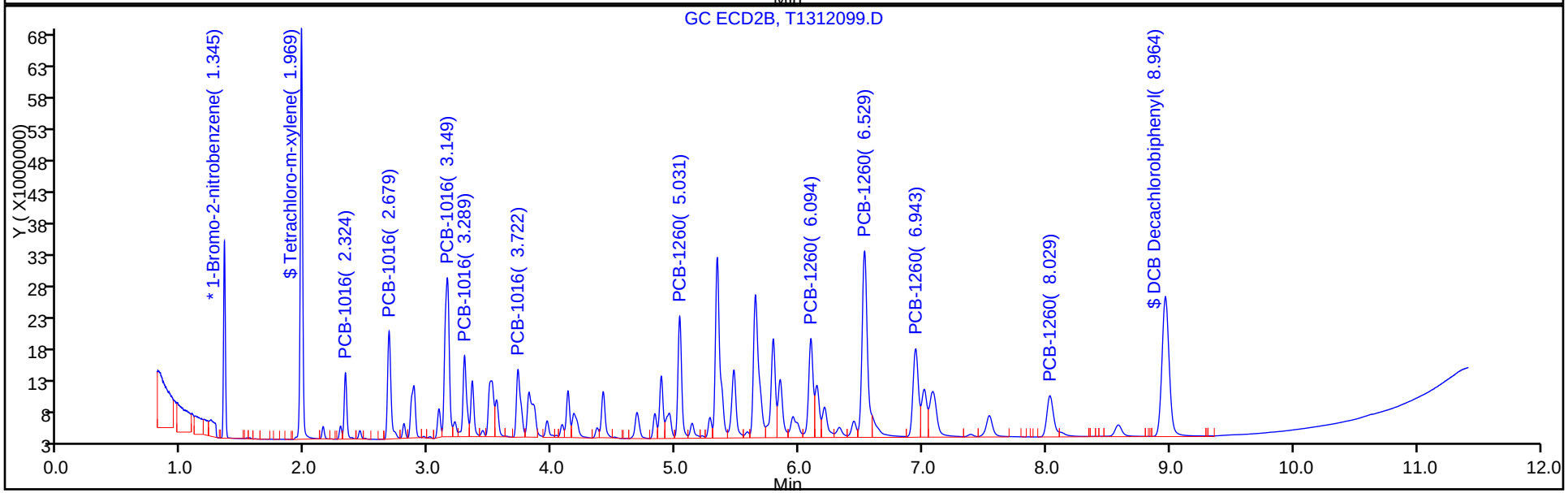
Report Date: 12-Nov-2015 12:21:22 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312099.D

Injection Date:	11-Nov-2015 22:47:38	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	LCS 460-334586/2-A			Worklist Smp#:	34
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	34
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Report Date: 12-Nov-2015 12:21:23 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312099.D

Injection Date: 11-Nov-2015 22:47:38 Instrument ID: CPESTGC11

Lims ID: LCS 460-334586/2-A

Client ID:

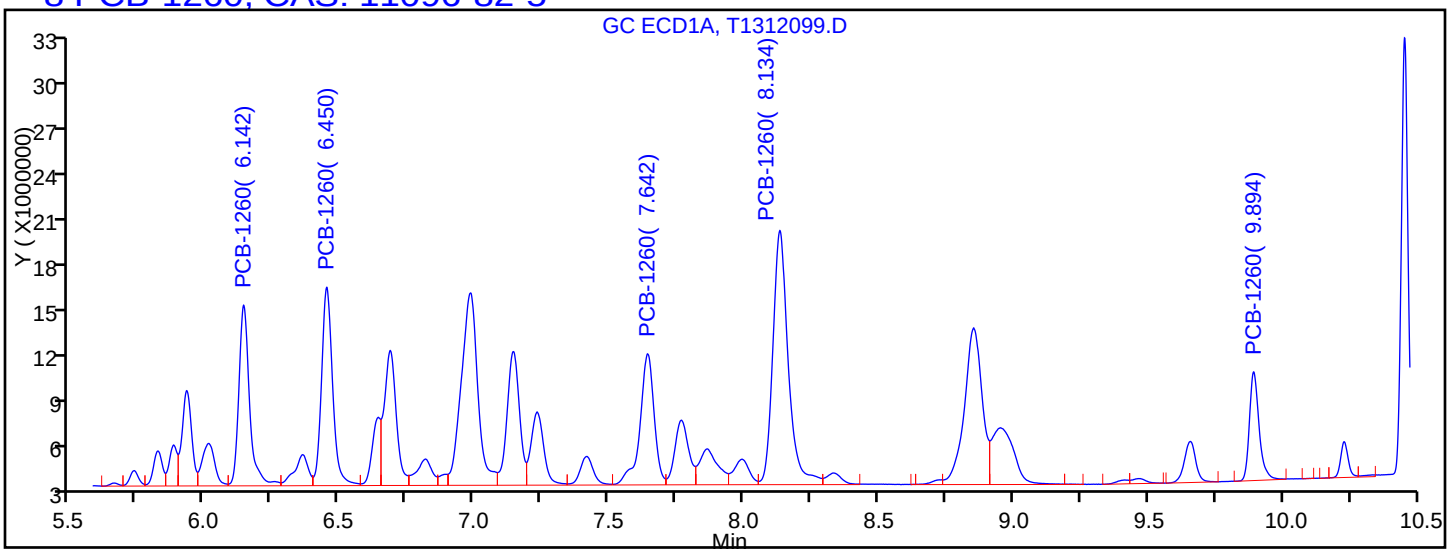
Operator ID: ALS Bottle#: 34 Worklist Smp#: 34

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

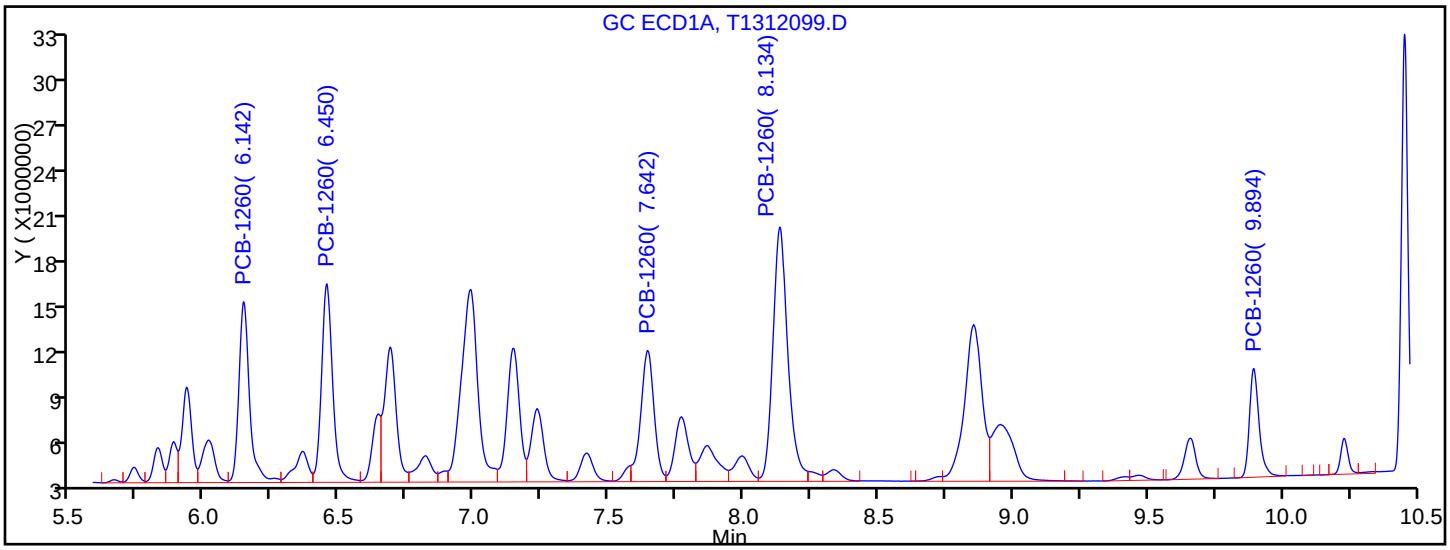
Column: Detector GC ECD1A

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 6.142	Response = 32462326	
RT = 6.450	Response = 36794670	
RT = 7.642	Response = 31106080	M
RT = 8.134	Response = 65303766	M
RT = 9.894	Response = 17515954	



Manual Integration Results

RT = 6.142	Response = 32462326	
RT = 6.450	Response = 36794670	
RT = 7.642	Response = 29231449	M
RT = 8.134	Response = 63565738	M
RT = 9.894	Response = 17515954	

Reviewer: patelji, 12-Nov-2015 11:45:28

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334586/2-A

Matrix: Solid | Lab File ID: T1312099.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:21

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/11/2015 22:47

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*340*		*67*	*8.9*
11096-82-5	*Aroclor 1260*	*359*		*67*	*9.2*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	121		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312099.D
Lims ID: LCS 460-334586/2-A
Client ID:
Sample Type: LCS
Inject. Date: 11-Nov-2015 22:47:38 ALS Bottle#: 34 Worklist Smp#: 34
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034121-034
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:21:17 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 12-Nov-2015 11:45:28

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.519	1.521	-0.002	25862623	20.0	20.0	
2	1.345	1.339	0.006	32358279	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.399	2.405	-0.006	64052042	50.0	55.8	
2	1.969	1.961	0.008	85590166	50.0	56.6	
						RPD = 1.45	
5 PCB-1016							
1	2.961	2.967	-0.006	12959469	500.0	566.5	
1	3.425	3.431	-0.006	22843897	500.0	523.5	
1	3.941	3.948	-0.007	46979604	500.0	522.9	
1	4.631	4.638	-0.007	15298608	500.0	506.2	
1	4.770	4.776	-0.006	18323211	500.0	547.9	
		Average of Peak Amounts =				533.4	
2	2.324	2.316	0.008	15948582	500.0	522.9	
2	2.679	2.670	0.009	32764853	500.0	559.6	
2	3.149	3.142	0.007	62643480	500.0	504.6	
2	3.289	3.282	0.007	26526115	500.0	488.9	
2	3.722	3.715	0.007	26054620	500.0	474.5	
		Average of Peak Amounts =				510.1	
						RPD = 4.46	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.142	6.152	-0.010	32462326	500.0	527.2	
1	6.450	6.459	-0.009	36794670	500.0	543.9	
1	7.642	7.654	-0.012	29231449	500.0	588.4	M
1	8.134	8.146	-0.012	63565738	500.0	575.2	M
1	9.894	9.904	-0.010	17515954	500.0	632.6	
		Average of Peak Amounts =				573.4	
2	5.031	5.027	0.004	40526906	500.0	526.1	
2	6.094	6.090	0.004	40437526	500.0	546.2	
2	6.529	6.525	0.004	88107465	500.0	553.4	M
2	6.943	6.937	0.006	43280742	500.0	479.9	
2	8.029	8.026	0.003	24827247	500.0	583.2	M
		Average of Peak Amounts =				537.8	
						RPD = 6.42	
$ 11 DCB Decachlorobiphenyl							
1	10.454	10.471	-0.017	50091229	50.0	58.5	
2	8.964	8.963	0.001	91449161	50.0	60.3	
						RPD = 2.92	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

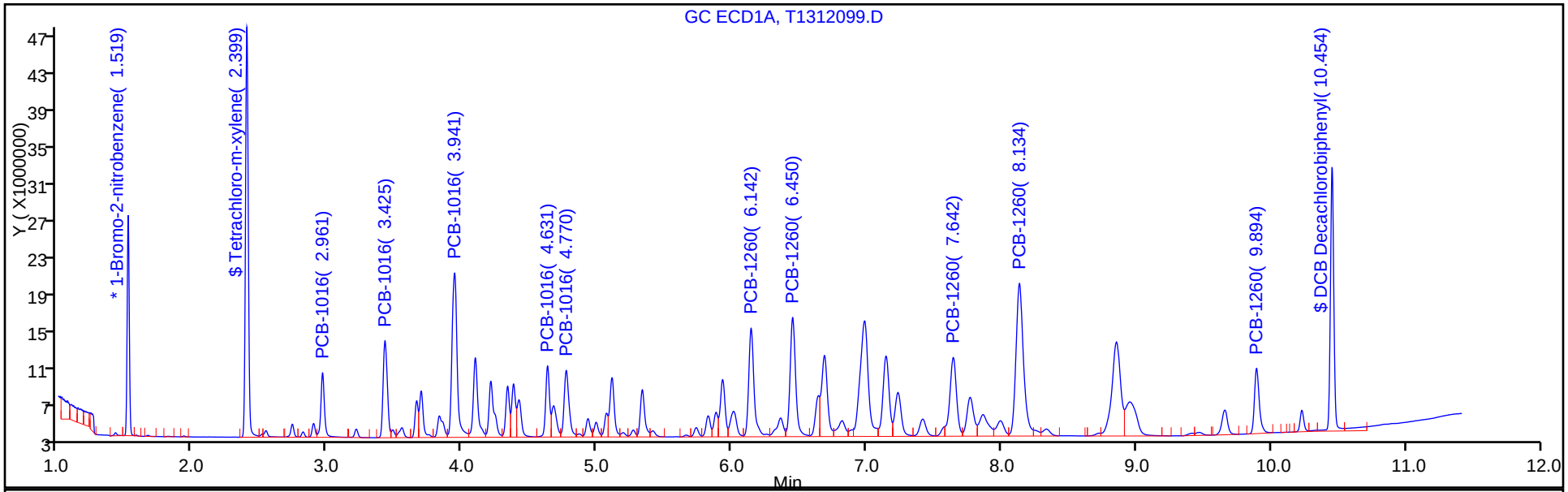
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

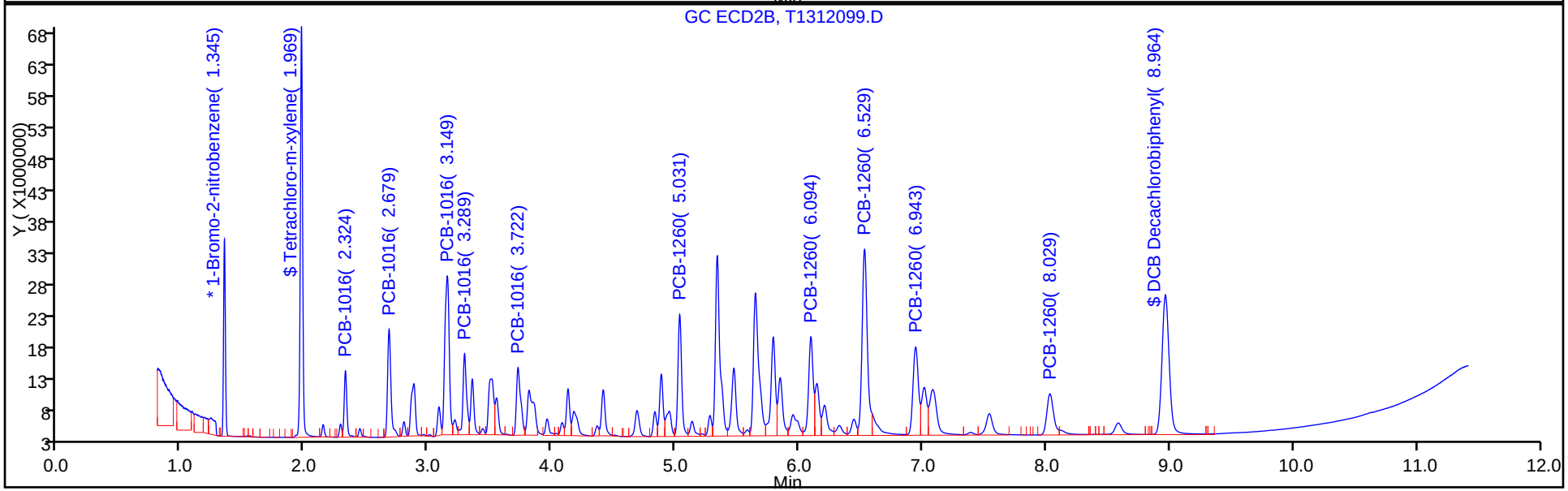
Report Date: 12-Nov-2015 12:21:24 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312099.D

Injection Date:	11-Nov-2015 22:47:38	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	LCS 460-334586/2-A			Worklist Smp#:	34
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	34
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Report Date: 12-Nov-2015 12:21:24 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312099.D

Injection Date: 11-Nov-2015 22:47:38 Instrument ID: CPESTGC11

Lims ID: LCS 460-334586/2-A

Client ID:

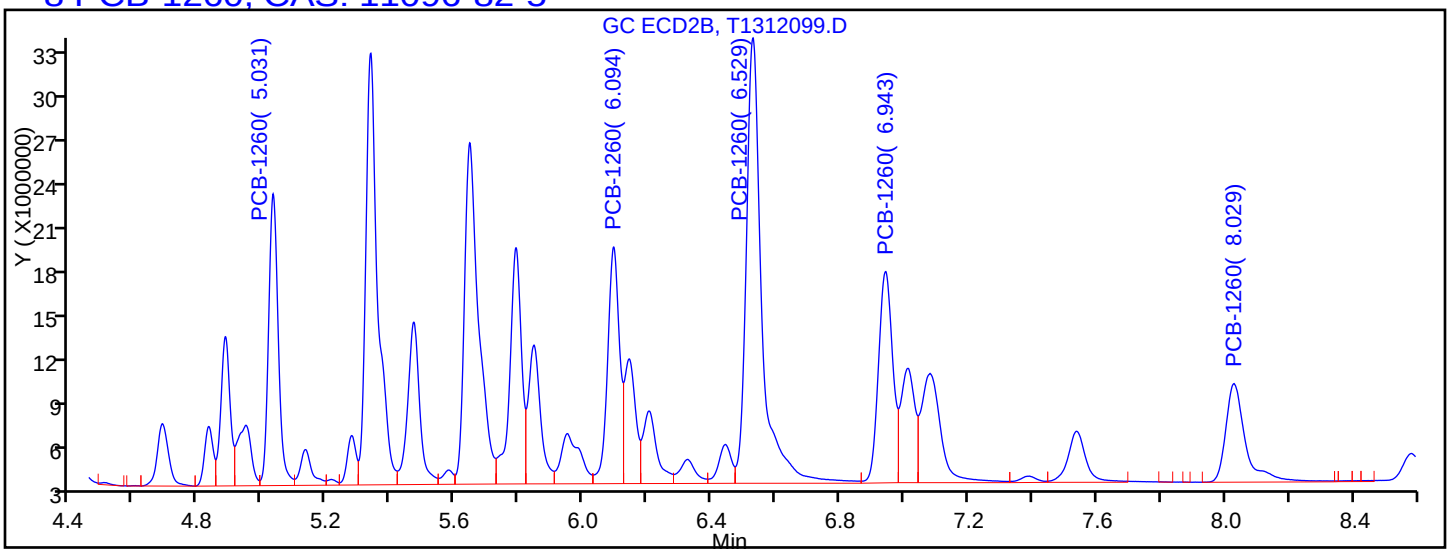
Operator ID: ALS Bottle#: 34 Worklist Smp#: 34

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

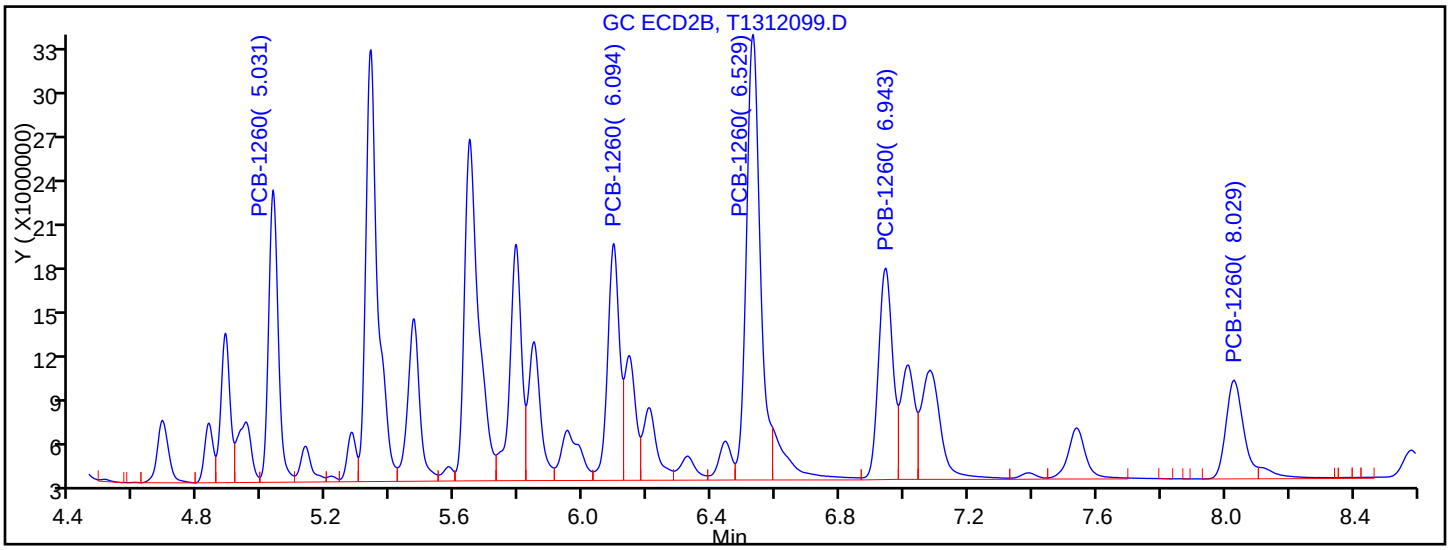
Column: Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.031	Response = 40526906	
RT = 6.094	Response = 40437526	
RT = 6.529	Response = 100018139	M
RT = 6.943	Response = 43280742	
RT = 8.029	Response = 28087406	M



Manual Integration Results

RT = 5.031	Response = 40526906	
RT = 6.094	Response = 40437526	
RT = 6.529	Response = 88107465	M
RT = 6.943	Response = 43280742	
RT = 8.029	Response = 24827247	M

Reviewer: patelji, 12-Nov-2015 11:45:28

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334588/2-A

Matrix: Solid | Lab File ID: T1312068.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/11/2015 15:15

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	323		67	8.9
11096-82-5	Aroclor 1260	351		67	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312068.D
Lims ID: LCS 460-334588/2-A
Client ID:
Sample Type: LCS
Inject. Date: 11-Nov-2015 15:15:58 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:17:44 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 11-Nov-2015 16:39:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.520	1.521	-0.001	29149268	20.0	20.0	
2	1.345	1.339	0.006	35657823	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.401	2.405	-0.004	65369215	50.0	50.5	
2	1.969	1.961	0.008	85767752	50.0	51.5	
						RPD = 1.87	
5 PCB-1016							
1	2.963	2.967	-0.004	13271095	500.0	514.7	
1	3.427	3.431	-0.004	23500748	500.0	477.8	
1	3.943	3.948	-0.005	48322920	500.0	477.2	
1	4.633	4.638	-0.005	15565792	500.0	456.9	
1	4.771	4.776	-0.005	18767548	500.0	497.9	
		Average of Peak Amounts =				484.9	
2	2.325	2.316	0.009	15111586	500.0	449.6	
2	2.678	2.670	0.008	33244505	500.0	515.2	
2	3.152	3.142	0.010	64414809	500.0	470.9	
2	3.289	3.282	0.007	28009020	500.0	468.5	
2	3.723	3.715	0.008	27443040	500.0	453.6	
		Average of Peak Amounts =				471.6	
						RPD = 2.79	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.145	6.152	-0.007	32555348	500.0	469.1	
1	6.453	6.459	-0.006	36881123	500.0	483.7	
1	7.648	7.654	-0.006	31745476	500.0	567.0	
1	8.139	8.146	-0.007	67236197	500.0	539.8	
1	9.900	9.904	-0.004	17950090	500.0	575.1	
		Average of Peak Amounts =				526.9	
2	5.032	5.027	0.005	40883868	500.0	481.7	
2	6.094	6.090	0.004	41050925	500.0	503.2	
2	6.529	6.525	0.004	91289902	500.0	520.3	M
2	6.943	6.937	0.006	45676585	500.0	459.6	
2	8.031	8.026	0.005	26113624	500.0	556.7	M
		Average of Peak Amounts =				504.3	
						RPD = 4.39	
$ 11 DCB Decachlorobiphenyl							
1	10.462	10.471	-0.009	49813907	50.0	51.6	
2	8.967	8.963	0.004	94054922	50.0	56.2	
						RPD = 8.53	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

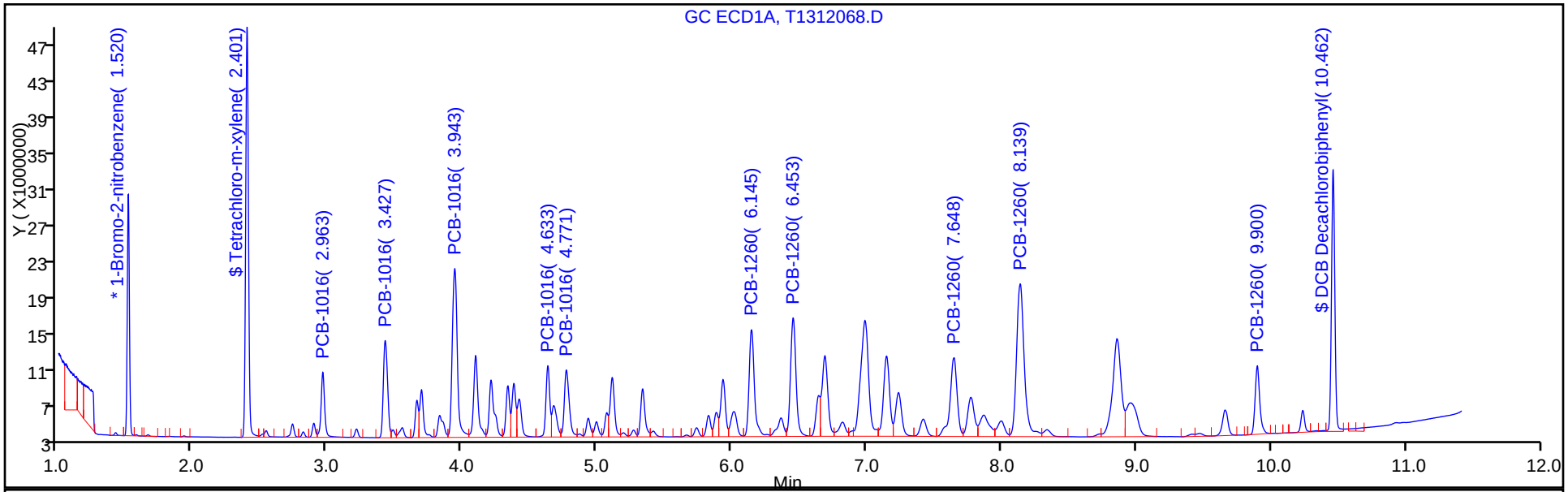
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

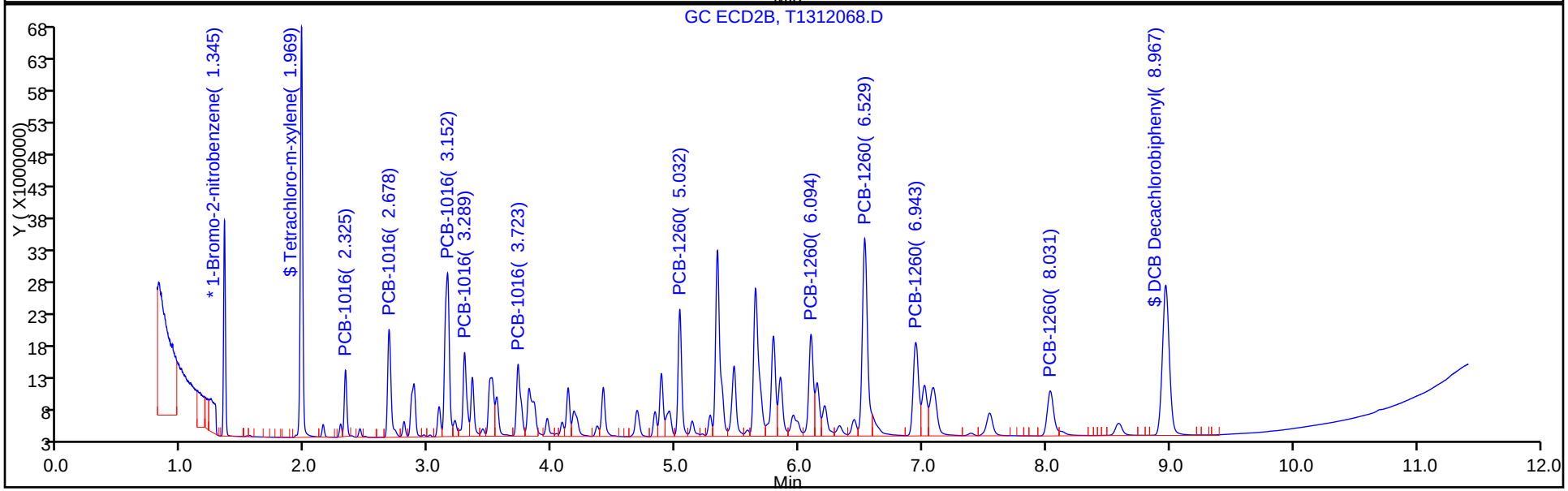
Report Date: 12-Nov-2015 12:18:00 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312068.D

Injection Date:	11-Nov-2015 15:15:58	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	LCS 460-334588/2-A			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334588/2-A

Matrix: Solid | Lab File ID: T1312068.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/11/2015 15:15

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*314*		*67*	*8.9*
11096-82-5	*Aroclor 1260*	*336*		*67*	*9.2*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312068.D
Lims ID: LCS 460-334588/2-A
Client ID:
Sample Type: LCS
Inject. Date: 11-Nov-2015 15:15:58 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 12:17:44 Calib Date: 02-Aug-2015 14:14:27
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20150802-30311.b\T1305306.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 11-Nov-2015 16:39:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.520	1.521	-0.001	29149268	20.0	20.0	
2	1.345	1.339	0.006	35657823	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.401	2.405	-0.004	65369215	50.0	50.5	
2	1.969	1.961	0.008	85767752	50.0	51.5	
						RPD = 1.87	
5 PCB-1016							
1	2.963	2.967	-0.004	13271095	500.0	514.7	
1	3.427	3.431	-0.004	23500748	500.0	477.8	
1	3.943	3.948	-0.005	48322920	500.0	477.2	
1	4.633	4.638	-0.005	15565792	500.0	456.9	
1	4.771	4.776	-0.005	18767548	500.0	497.9	
		Average of Peak Amounts =				484.9	
2	2.325	2.316	0.009	15111586	500.0	449.6	
2	2.678	2.670	0.008	33244505	500.0	515.2	
2	3.152	3.142	0.010	64414809	500.0	470.9	
2	3.289	3.282	0.007	28009020	500.0	468.5	
2	3.723	3.715	0.008	27443040	500.0	453.6	
		Average of Peak Amounts =				471.6	
						RPD = 2.79	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.145	6.152	-0.007	32555348	500.0	469.1	
1	6.453	6.459	-0.006	36881123	500.0	483.7	
1	7.648	7.654	-0.006	31745476	500.0	567.0	
1	8.139	8.146	-0.007	67236197	500.0	539.8	
1	9.900	9.904	-0.004	17950090	500.0	575.1	
		Average of Peak Amounts =				526.9	
2	5.032	5.027	0.005	40883868	500.0	481.7	
2	6.094	6.090	0.004	41050925	500.0	503.2	
2	6.529	6.525	0.004	91289902	500.0	520.3	M
2	6.943	6.937	0.006	45676585	500.0	459.6	
2	8.031	8.026	0.005	26113624	500.0	556.7	M
		Average of Peak Amounts =				504.3	
						RPD = 4.39	
$ 11 DCB Decachlorobiphenyl							
1	10.462	10.471	-0.009	49813907	50.0	51.6	
2	8.967	8.963	0.004	94054922	50.0	56.2	
						RPD = 8.53	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

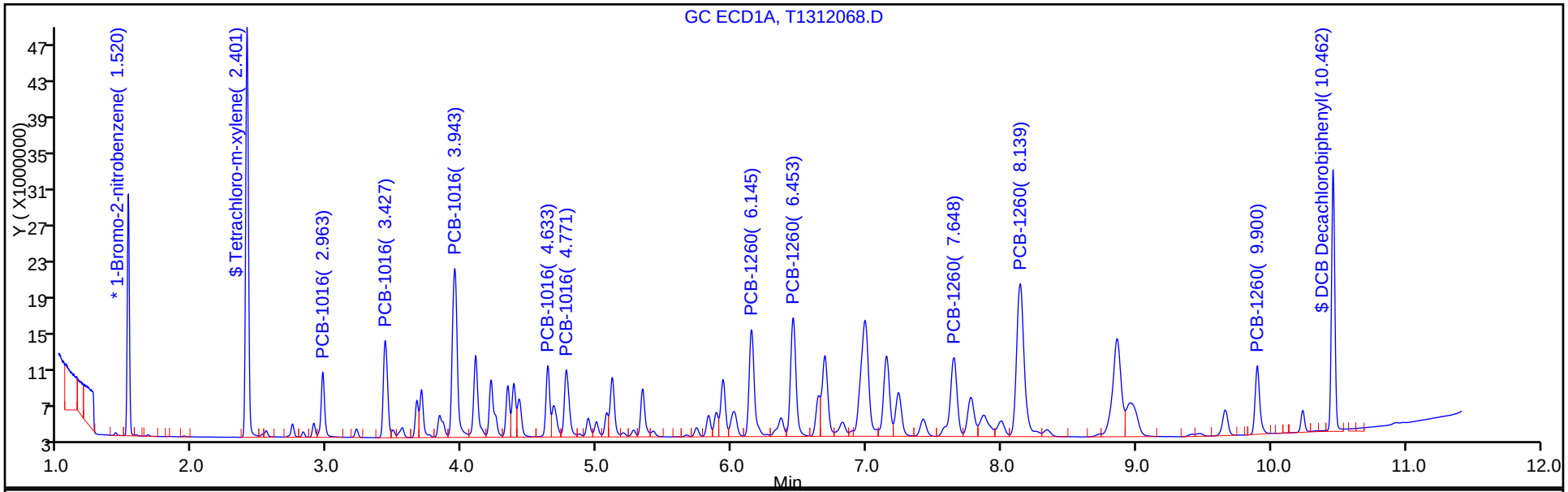
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

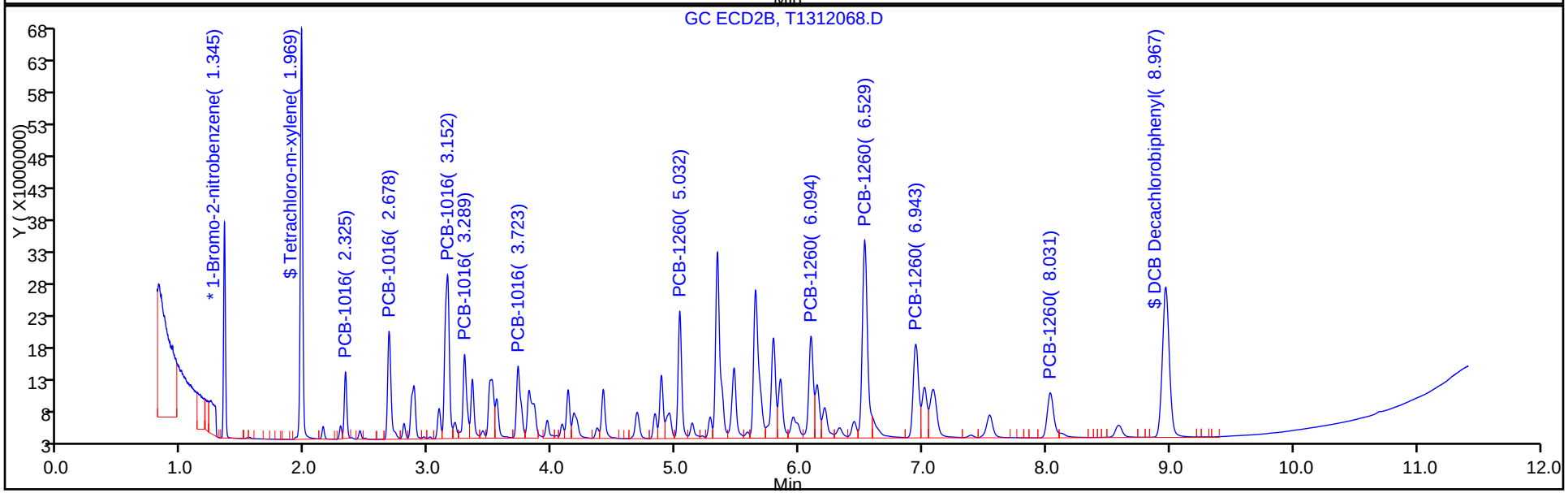
Report Date: 12-Nov-2015 12:18:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312068.D

Injection Date:	11-Nov-2015 15:15:58	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	LCS 460-334588/2-A			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Report Date: 12-Nov-2015 12:18:02 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20151111-34121.b\T1312068.D

Injection Date: 11-Nov-2015 15:15:58 Instrument ID: CPESTGC11

Lims ID: LCS 460-334588/2-A

Client ID:

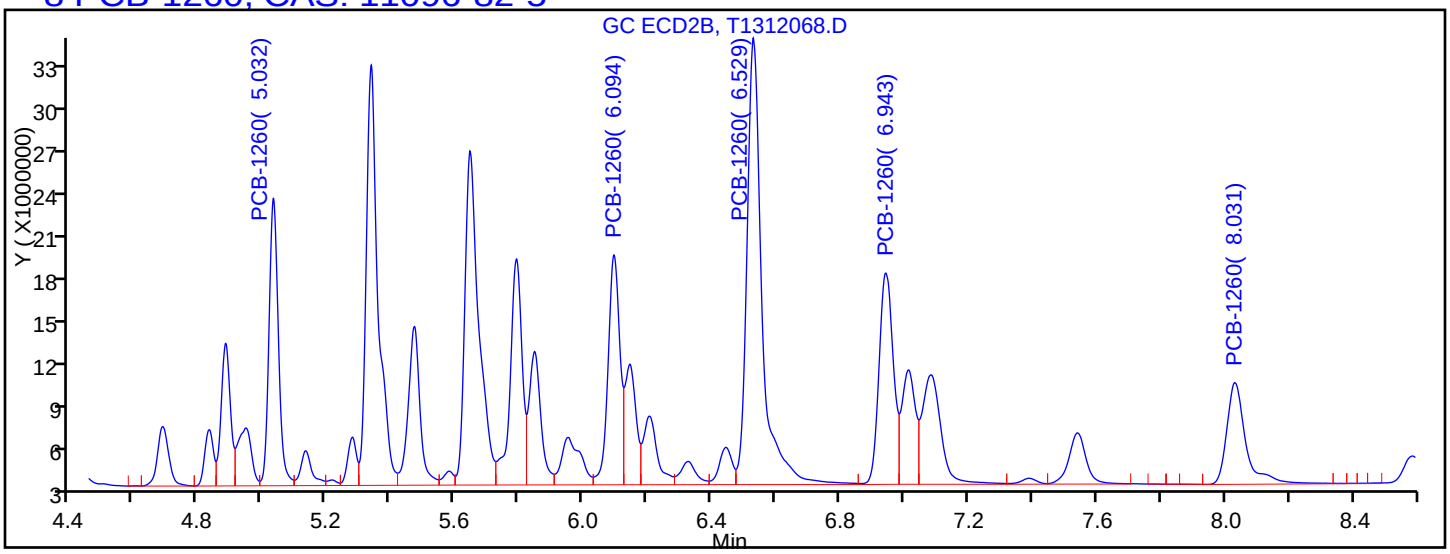
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

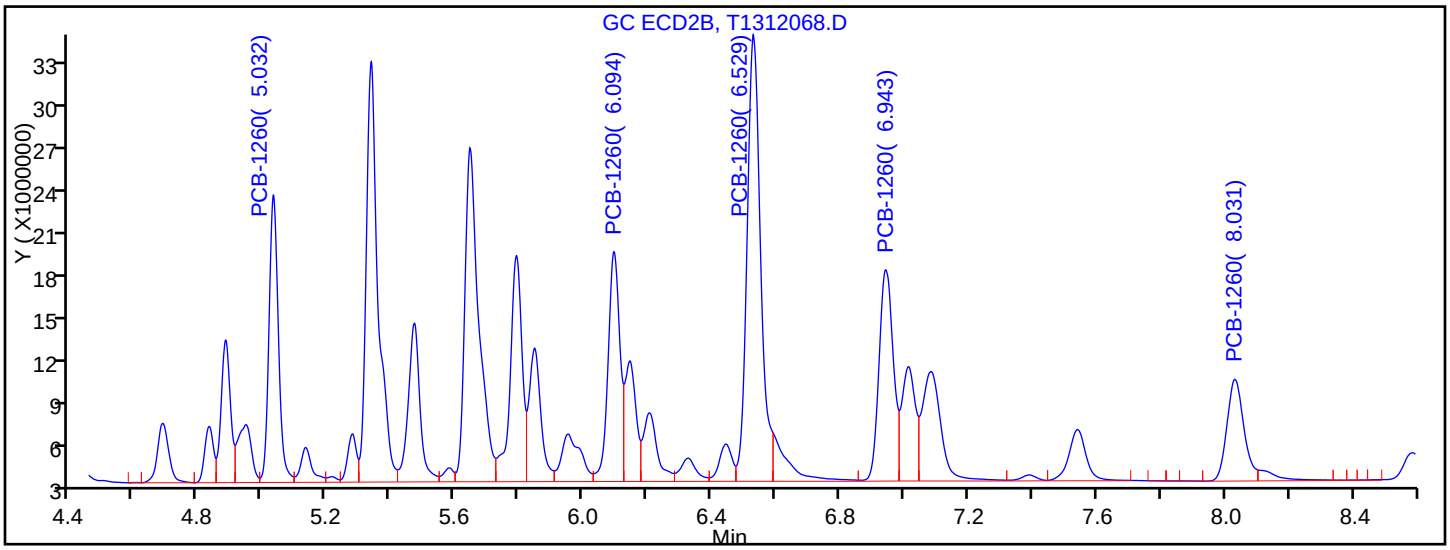
Column: Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.032	Response = 40883868	
RT = 6.094	Response = 41050925	
RT = 6.529	Response = 102010082	M
RT = 6.943	Response = 45676585	
RT = 8.031	Response = 29293498	M



Manual Integration Results

RT = 5.032	Response = 40883868	
RT = 6.094	Response = 41050925	
RT = 6.529	Response = 91289902	M
RT = 6.943	Response = 45676585	
RT = 8.031	Response = 26113624	M

Reviewer: patelji, 11-Nov-2015 16:39:05

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-334069/3-A

Matrix: Water | Lab File ID: VR504475.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 11/09/2015 10:14

Sample wt/vol: 250(mL) | Date Analyzed: 11/11/2015 16:10

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334730 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*4.82*		*0.40*	*0.098*
11096-82-5	*Aroclor 1260*	*4.79*		*0.40*	*0.084*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	70		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504475.D
Lims ID: LCSD 460-334069/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 11-Nov-2015 16:10:46 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034122-004
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 10:52:17 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 11-Nov-2015 17:07:38

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.641	1.644	-0.003	2090753	20.0	20.0	M
2	1.429	1.426	0.003	3172876	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.611	2.616	-0.005	8122915	100.0	84.0	
2	2.110	2.106	0.004	13296737	100.0	86.4	M
						RPD = 2.82	
5 PCB-1016							M
1	0.000	3.235	-3.235	0	1000.0	0	
1	3.743	3.749	-0.006	6295011	1000.0	1168.8	
1	4.309	4.315	-0.006	10983425	1000.0	1186.2	M
1	5.067	5.072	-0.005	3533219	1000.0	1203.0	M
1	5.220	5.225	-0.005	4254825	1000.0	1261.0	
		Average of Peak Amounts =				1204.7	
2	2.503	2.500	0.003	4863153	1000.0	1178.6	M
2	0.000	2.892	-2.892	0	1000.0	0	
2	3.416	3.413	0.003	19964031	1000.0	1324.6	
2	3.570	3.567	0.003	7681936	1000.0	1363.0	
2	4.051	4.048	0.003	8127173	1000.0	1336.6	
		Average of Peak Amounts =				1300.7	
						RPD = 7.66	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							
1	6.860	6.865	-0.005	7600502	1000.0	1161.5	
1	7.235	7.241	-0.006	8569558	1000.0	1140.2	
1	8.538	8.544	-0.006	5699509	1000.0	1232.0	
1	8.831	8.840	-0.009	11952608	1000.0	1257.2	
1	0.000	9.692	-9.692	0	1000.0	0	
		Average of Peak Amounts =				1197.7	
2	5.502	5.500	0.002	11870471	1000.0	1207.5	
2	6.789	6.786	0.003	9894934	1000.0	1240.2	
2	7.321	7.319	0.002	24535492	1000.0	1323.6	
2	7.861	7.857	0.004	11671203	1000.0	1292.8	
2	0.000	8.774	-8.774	0	1000.0	0	
		Average of Peak Amounts =				1266.0	
						RPD = 5.54	
$ 11 DCB Decachlorobiphenyl							M
1	10.110	10.132	-0.022	6555993	100.0	70.5	
2	9.226	9.236	-0.010	12021502	100.0	74.0	M
						RPD = 4.82	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

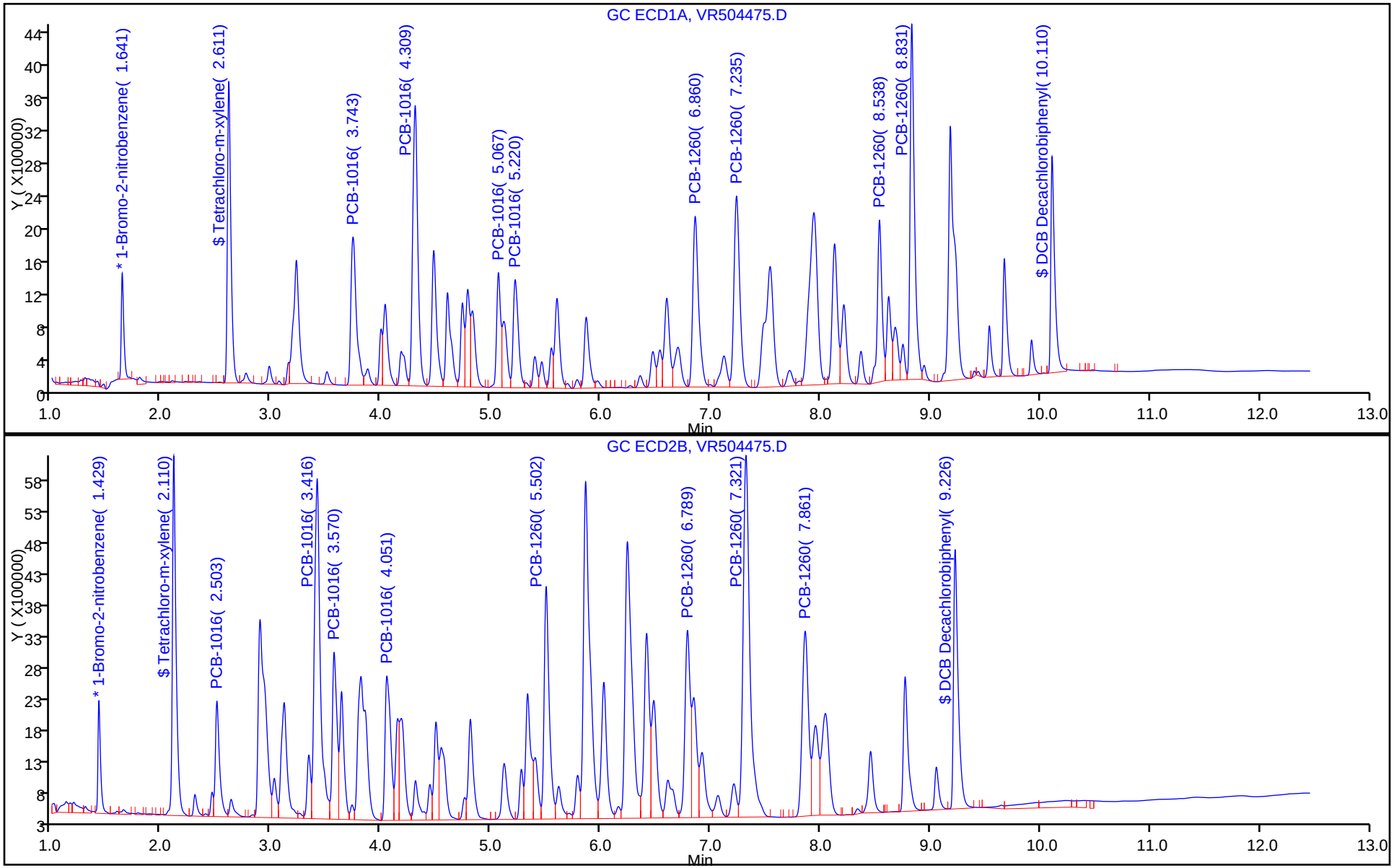
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 12-Nov-2015 10:52:34 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504475.D

Injection Date:	11-Nov-2015 16:10:46	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	LCSD 460-334069/3-A			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		



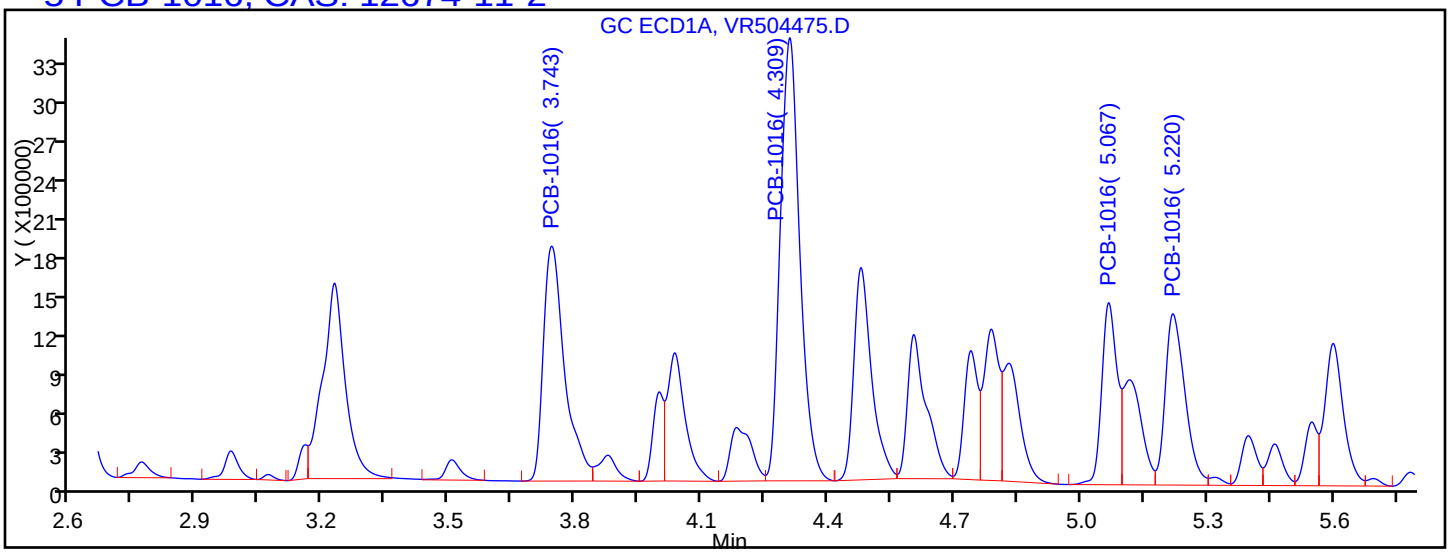
Report Date: 12-Nov-2015 10:52:35 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504475.D

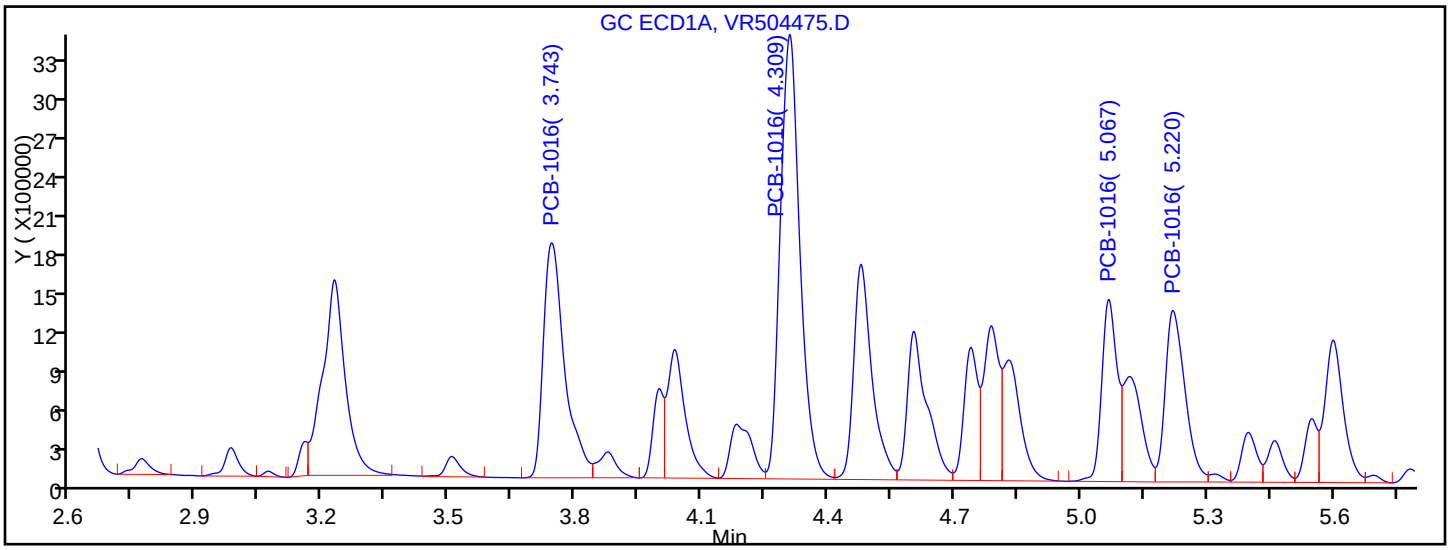
Injection Date:	11-Nov-2015 16:10:46	Instrument ID:	CPESTGC9		
Lims ID:	LCSD 460-334069/3-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

RT = 3.227	Response = 5600375	
RT = 3.743	Response = 6295011	
RT = 4.309	Response = 10869681	M
RT = 5.067	Response = 3528553	M
RT = 5.220	Response = 4254825	



Manual Integration Results

RT = 0.000	Response = 0	
RT = 3.743	Response = 6295011	
RT = 4.309	Response = 10983425	M
RT = 5.067	Response = 3533219	M
RT = 5.220	Response = 4254825	

Reviewer: patelji, 11-Nov-2015 17:07:38

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

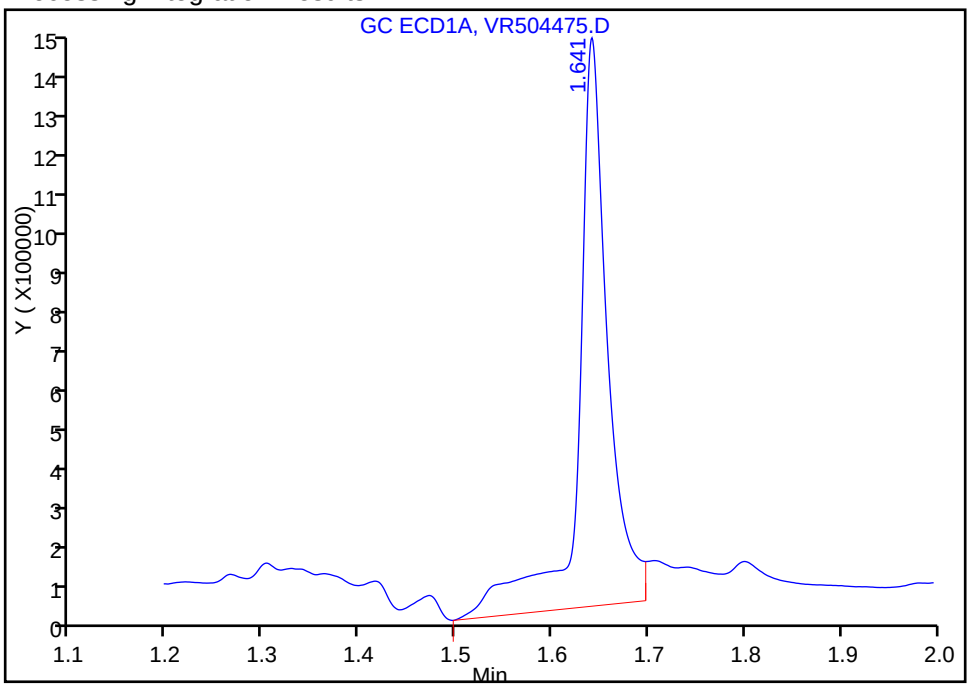
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504475.D
Injection Date: 11-Nov-2015 16:10:46 Instrument ID: CPESTGC9
Lims ID: LCSD 460-334069/3-A
Client ID:
Operator ID: 615 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD
Column: Detector GC ECD1A

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

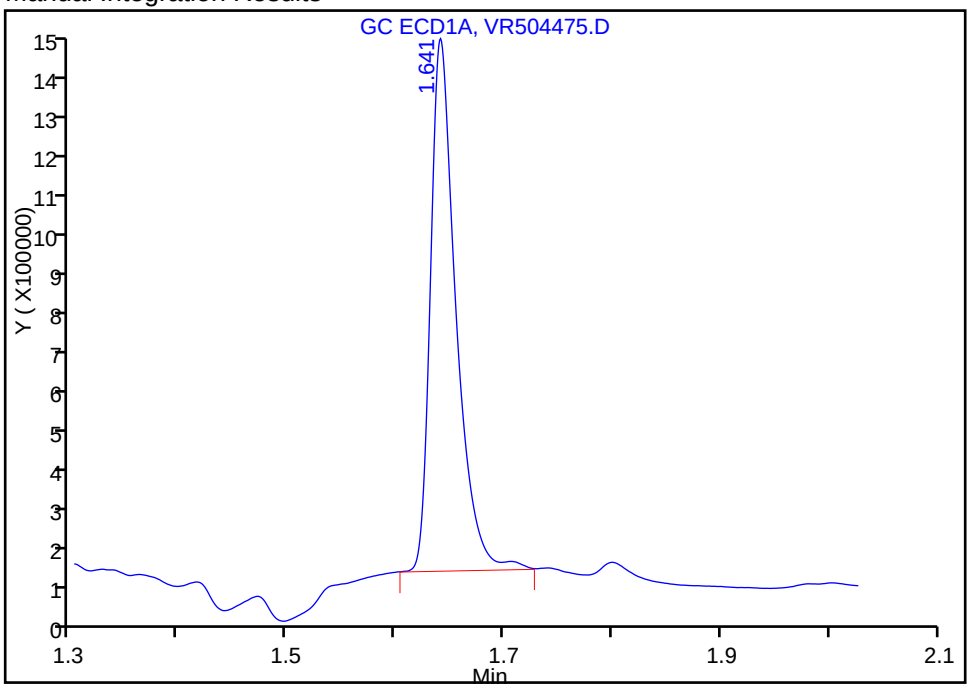
Processing Integration Results

RT: 1.64
Area: 2932761
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.64
Area: 2090753
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 17:07:38
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-334069/3-A

Matrix: Water | Lab File ID: VR504475.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 11/09/2015 10:14

Sample wt/vol: 250(mL) | Date Analyzed: 11/11/2015 16:10

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334730 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	5.20		0.40	0.098
11096-82-5	Aroclor 1260	5.06		0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	74		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504475.D
Lims ID: LCSD 460-334069/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 11-Nov-2015 16:10:46 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034122-004
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 12-Nov-2015 10:52:17 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK007

First Level Reviewer: patelji Date: 11-Nov-2015 17:07:38

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.641	1.644	-0.003	2090753	20.0	20.0	M
2	1.429	1.426	0.003	3172876	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.611	2.616	-0.005	8122915	100.0	84.0	
2	2.110	2.106	0.004	13296737	100.0	86.4	M
						RPD = 2.82	
5 PCB-1016							M
1	0.000	3.235	-3.235	0	1000.0	0	
1	3.743	3.749	-0.006	6295011	1000.0	1168.8	
1	4.309	4.315	-0.006	10983425	1000.0	1186.2	M
1	5.067	5.072	-0.005	3533219	1000.0	1203.0	M
1	5.220	5.225	-0.005	4254825	1000.0	1261.0	
		Average of Peak Amounts =				1204.7	
2	2.503	2.500	0.003	4863153	1000.0	1178.6	M
2	0.000	2.892	-2.892	0	1000.0	0	
2	3.416	3.413	0.003	19964031	1000.0	1324.6	
2	3.570	3.567	0.003	7681936	1000.0	1363.0	
2	4.051	4.048	0.003	8127173	1000.0	1336.6	
		Average of Peak Amounts =				1300.7	
						RPD = 7.66	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							
1	6.860	6.865	-0.005	7600502	1000.0	1161.5	
1	7.235	7.241	-0.006	8569558	1000.0	1140.2	
1	8.538	8.544	-0.006	5699509	1000.0	1232.0	
1	8.831	8.840	-0.009	11952608	1000.0	1257.2	
1	0.000	9.692	-9.692	0	1000.0	0	
		Average of Peak Amounts =				1197.7	
2	5.502	5.500	0.002	11870471	1000.0	1207.5	
2	6.789	6.786	0.003	9894934	1000.0	1240.2	
2	7.321	7.319	0.002	24535492	1000.0	1323.6	
2	7.861	7.857	0.004	11671203	1000.0	1292.8	
2	0.000	8.774	-8.774	0	1000.0	0	
		Average of Peak Amounts =				1266.0	
						RPD = 5.54	
$ 11 DCB Decachlorobiphenyl							M
1	10.110	10.132	-0.022	6555993	100.0	70.5	
2	9.226	9.236	-0.010	12021502	100.0	74.0	M
						RPD = 4.82	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

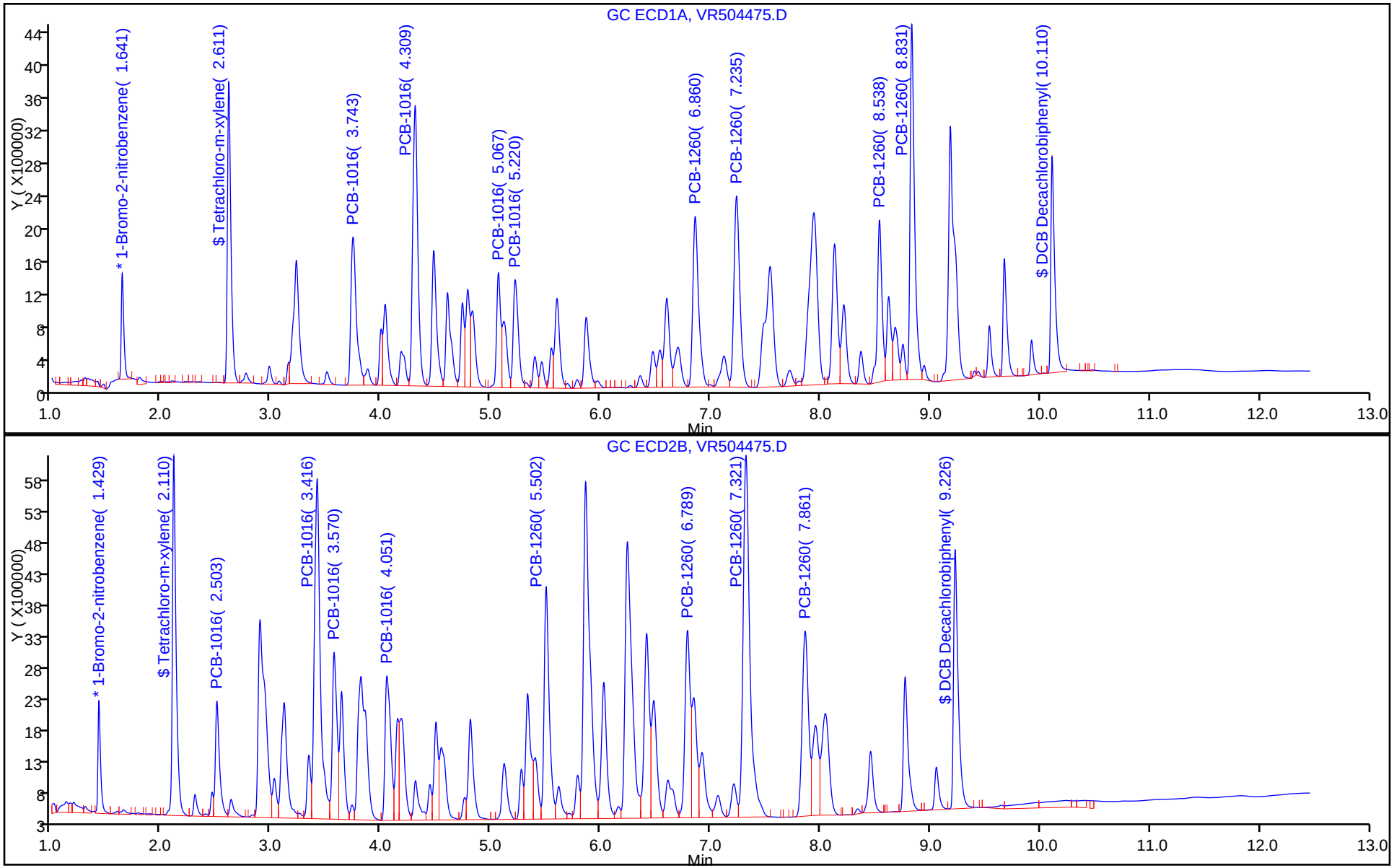
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 12-Nov-2015 10:52:35 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504475.D

Injection Date:	11-Nov-2015 16:10:46	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	LCSD 460-334069/3-A			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		



Report Date: 12-Nov-2015 10:52:36 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504475.D

Injection Date: 11-Nov-2015 16:10:46 Instrument ID: CPESTGC9

Lims ID: LCSD 460-334069/3-A

Client ID:

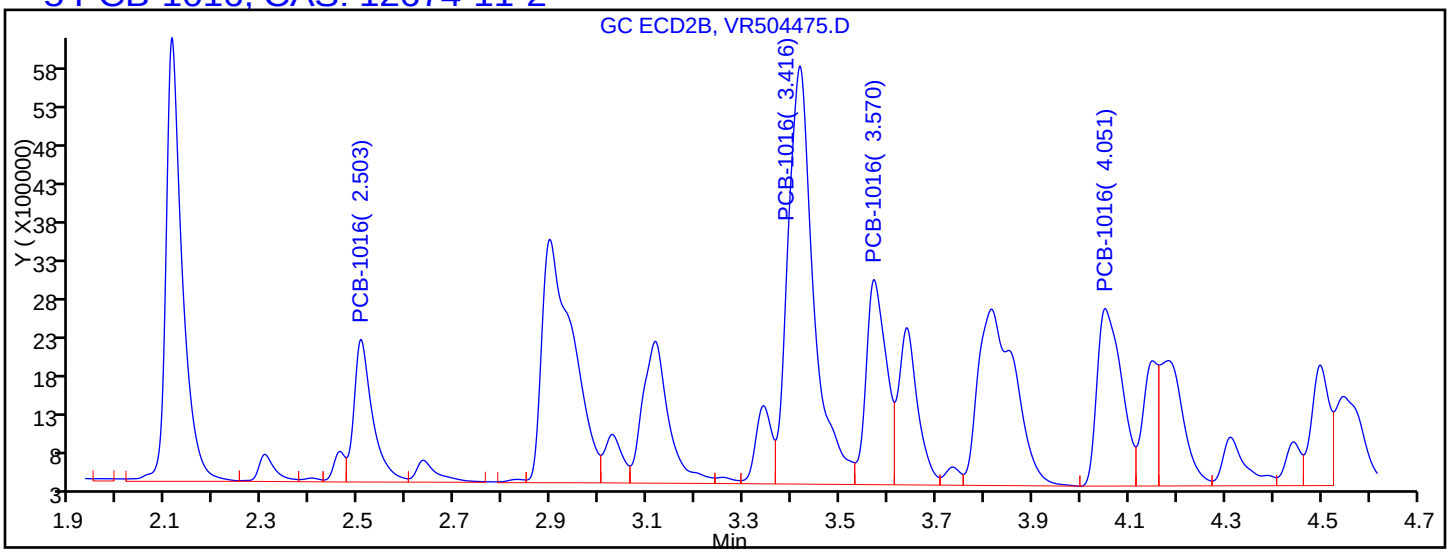
Operator ID: 615 ALS Bottle#: 4 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD

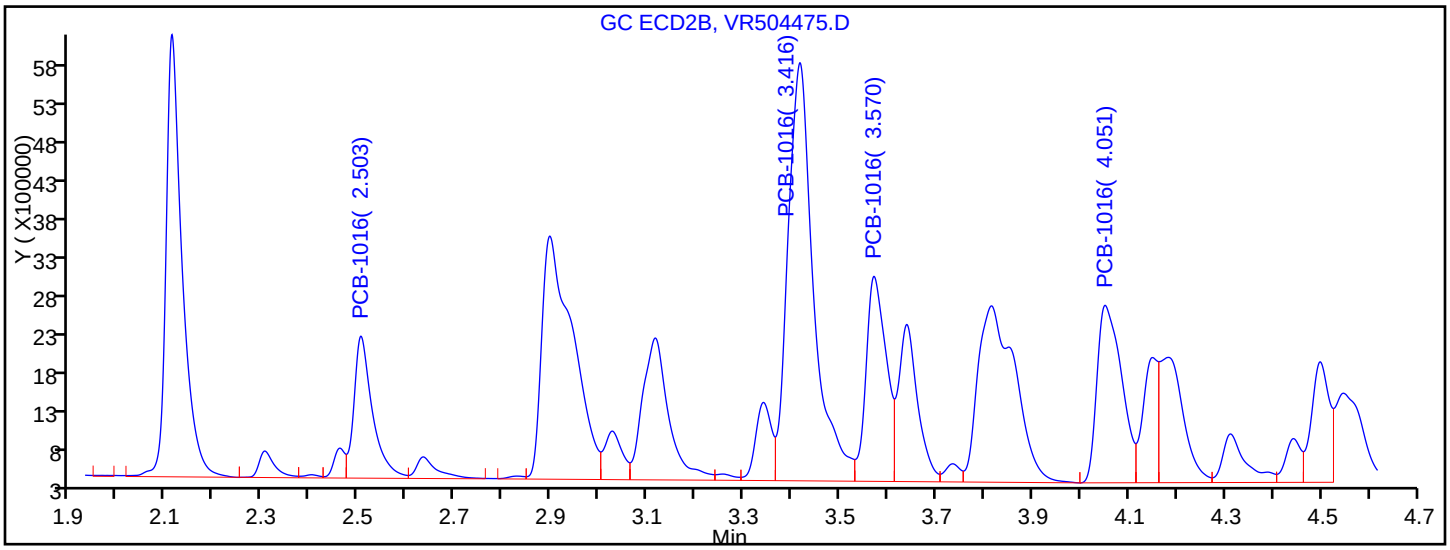
Column: Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

RT = 2.503 Response = 4915446 M
RT = 2.896 Response = 14068501
RT = 3.416 Response = 19964031
RT = 3.570 Response = 7681936
RT = 4.051 Response = 8127173



Manual Integration Results

RT = 2.503 Response = 4863153 M
RT = 0.000 Response = 0
RT = 3.416 Response = 19964031
RT = 3.570 Response = 7681936
RT = 4.051 Response = 8127173

Reviewer: patelji, 11-Nov-2015 17:07:38

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

TestAmerica Edison

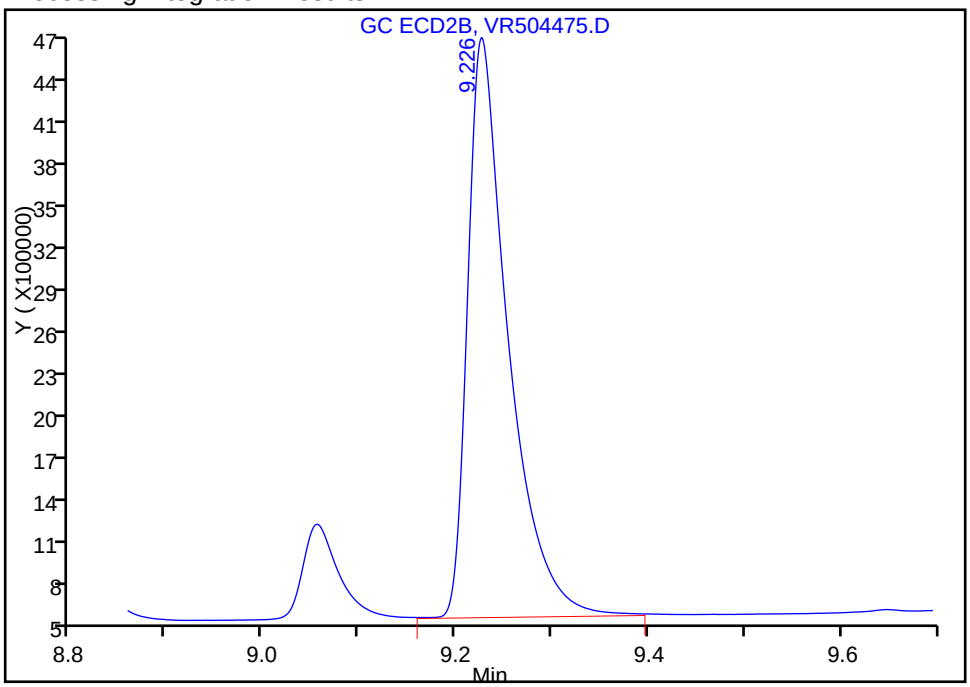
Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34122.b\VR504475.D

Injection Date:	11-Nov-2015 16:10:46	Instrument ID:	CPESTGC9		
Lims ID:	LCSD 460-334069/3-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

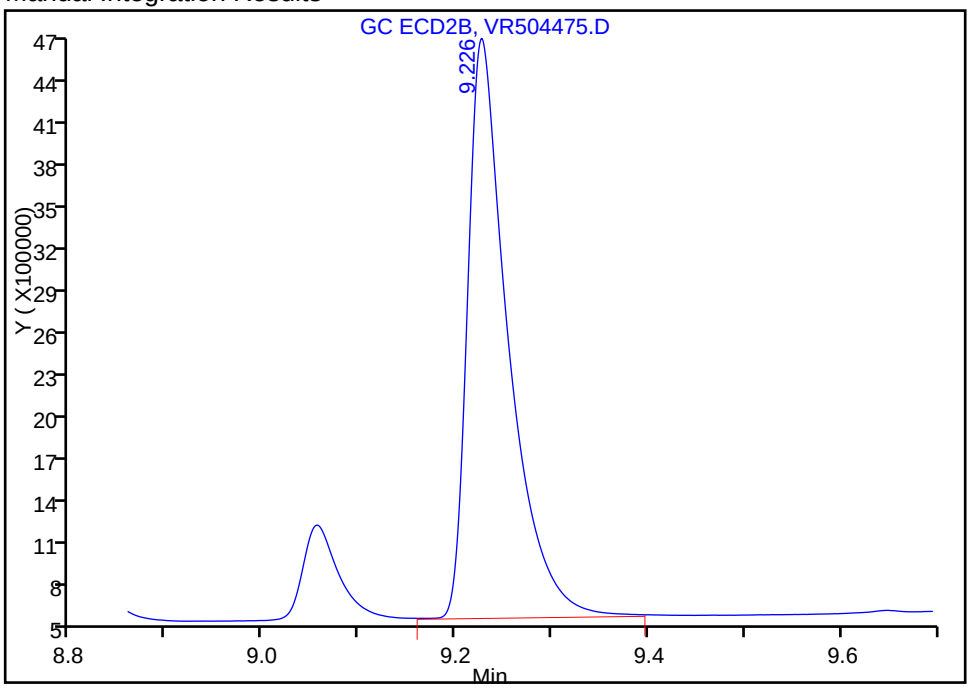
Processing Integration Results

RT: 9.23
Area: 12422702
Amount: 76.439381
Amount Units: ug/l



Manual Integration Results

RT: 9.23
Area: 12021502
Amount: 73.970717
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 17:07:38
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S_1.75 MS | Lab Sample ID: 460-104194-1 MS

Matrix: Solid | Lab File ID: T1312070.D

Analysis Method: 8082A | Date Collected: 11/06/2015 12:45

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0010(g) | Date Analyzed: 11/11/2015 15:45

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	343		72	9.6
11104-28-2	*Aroclor 1221*	*9.6*	*U*	*72*	*9.6*
11141-16-5	*Aroclor 1232*	*9.6*	*U*	*72*	*9.6*
53469-21-9	*Aroclor 1242*	*9.6*	*U*	*72*	*9.6*
12672-29-6	*Aroclor 1248*	*9.6*	*U*	*72*	*9.6*
11097-69-1	*Aroclor 1254*	*9.9*	*U*	*72*	*9.9*
11096-82-5	Aroclor 1260	379		72	9.9
37324-23-5	*Aroclor 1262*	*9.9*	*U*	*72*	*9.9*
11100-14-4	*Aroclor 1268*	*9.9*	*U*	*72*	*9.9*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S_1.75 MS | Lab Sample ID: 460-104194-1 MS

Matrix: Solid | Lab File ID: T1312070.D

Analysis Method: 8082A | Date Collected: 11/06/2015 12:45

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0010(g) | Date Analyzed: 11/11/2015 15:45

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*338*		*72*	*9.6*
11104-28-2	Aroclor 1221	9.6	U	72	9.6
11141-16-5	Aroclor 1232	9.6	U	72	9.6
53469-21-9	Aroclor 1242	9.6	U	72	9.6
12672-29-6	Aroclor 1248	9.6	U	72	9.6
11097-69-1	Aroclor 1254	9.9	U	72	9.9
11096-82-5	*Aroclor 1260*	*354*		*72*	*9.9*
37324-23-5	Aroclor 1262	9.9	U	72	9.9
11100-14-4	Aroclor 1268	9.9	U	72	9.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-104183-A-23-A MS

Matrix: Solid | Lab File ID: T1312100.D

Analysis Method: 8082A | Date Collected: 11/06/2015 11:45

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:21

Sample wt/vol: 15.0030(g) | Date Analyzed: 11/11/2015 23:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 38.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	651		110	14
11104-28-2	*Aroclor 1221*	*14*	*U*	*110*	*14*
11141-16-5	*Aroclor 1232*	*14*	*U*	*110*	*14*
53469-21-9	*Aroclor 1242*	*14*	*U*	*110*	*14*
12672-29-6	*Aroclor 1248*	*14*	*U*	*110*	*14*
11097-69-1	*Aroclor 1254*	*15*	*U*	*110*	*15*
11096-82-5	Aroclor 1260	656		110	15
37324-23-5	*Aroclor 1262*	*15*	*U*	*110*	*15*
11100-14-4	*Aroclor 1268*	*15*	*U*	*110*	*15*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	117		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-104183-A-23-A MS

Matrix: Solid | Lab File ID: T1312100.D

Analysis Method: 8082A | Date Collected: 11/06/2015 11:45

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:21

Sample wt/vol: 15.0030(g) | Date Analyzed: 11/11/2015 23:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 38.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*638*		*110*	*14*
11104-28-2	Aroclor 1221	14	U	110	14
11141-16-5	Aroclor 1232	14	U	110	14
53469-21-9	Aroclor 1242	14	U	110	14
12672-29-6	Aroclor 1248	14	U	110	14
11097-69-1	Aroclor 1254	15	U	110	15
11096-82-5	*Aroclor 1260*	*627*		*110*	*15*
37324-23-5	Aroclor 1262	15	U	110	15
11100-14-4	Aroclor 1268	15	U	110	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	121		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S_1.75 MSD | Lab Sample ID: 460-104194-1 MSD

Matrix: Solid | Lab File ID: T1312071.D

Analysis Method: 8082A | Date Collected: 11/06/2015 12:45

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0045(g) | Date Analyzed: 11/11/2015 15:59

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	366		72	9.6
11104-28-2	*Aroclor 1221*	*9.6*	*U*	*72*	*9.6*
11141-16-5	*Aroclor 1232*	*9.6*	*U*	*72*	*9.6*
53469-21-9	*Aroclor 1242*	*9.6*	*U*	*72*	*9.6*
12672-29-6	*Aroclor 1248*	*9.6*	*U*	*72*	*9.6*
11097-69-1	*Aroclor 1254*	*9.9*	*U*	*72*	*9.9*
11096-82-5	Aroclor 1260	404		72	9.9
37324-23-5	*Aroclor 1262*	*9.9*	*U*	*72*	*9.9*
11100-14-4	*Aroclor 1268*	*9.9*	*U*	*72*	*9.9*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	107		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S_1.75 MSD | Lab Sample ID: 460-104194-1 MSD

Matrix: Solid | Lab File ID: T1312071.D

Analysis Method: 8082A | Date Collected: 11/06/2015 12:45

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:25

Sample wt/vol: 15.0045(g) | Date Analyzed: 11/11/2015 15:59

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*361*		*72*	*9.6*
11104-28-2	Aroclor 1221	9.6	U	72	9.6
11141-16-5	Aroclor 1232	9.6	U	72	9.6
53469-21-9	Aroclor 1242	9.6	U	72	9.6
12672-29-6	Aroclor 1248	9.6	U	72	9.6
11097-69-1	Aroclor 1254	9.9	U	72	9.9
11096-82-5	*Aroclor 1260*	*378*		*72*	*9.9*
37324-23-5	Aroclor 1262	9.9	U	72	9.9
11100-14-4	Aroclor 1268	9.9	U	72	9.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	115		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-104183-A-23-B MSD

Matrix: Solid | Lab File ID: T1312101.D

Analysis Method: 8082A | Date Collected: 11/06/2015 11:45

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:21

Sample wt/vol: 15.0441(g) | Date Analyzed: 11/11/2015 23:16

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 38.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	667		110	14
11104-28-2	*Aroclor 1221*	*14*	*U*	*110*	*14*
11141-16-5	*Aroclor 1232*	*14*	*U*	*110*	*14*
53469-21-9	*Aroclor 1242*	*14*	*U*	*110*	*14*
12672-29-6	*Aroclor 1248*	*14*	*U*	*110*	*14*
11097-69-1	*Aroclor 1254*	*15*	*U*	*110*	*15*
11096-82-5	Aroclor 1260	685		110	15
37324-23-5	*Aroclor 1262*	*15*	*U*	*110*	*15*
11100-14-4	*Aroclor 1268*	*15*	*U*	*110*	*15*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	123		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-104183-A-23-B MSD

Matrix: Solid | Lab File ID: T1312101.D

Analysis Method: 8082A | Date Collected: 11/06/2015 11:45

Extraction Method: 3546 | Date Extracted: 11/11/2015 05:21

Sample wt/vol: 15.0441(g) | Date Analyzed: 11/11/2015 23:16

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 38.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*653*		*110*	*14*
11104-28-2	Aroclor 1221	14	U	110	14
11141-16-5	Aroclor 1232	14	U	110	14
53469-21-9	Aroclor 1242	14	U	110	14
12672-29-6	Aroclor 1248	14	U	110	14
11097-69-1	Aroclor 1254	15	U	110	15
11096-82-5	*Aroclor 1260*	*652*		*110*	*15*
37324-23-5	Aroclor 1262	15	U	110	15
11100-14-4	Aroclor 1268	15	U	110	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	125		47-150

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Instrument ID: CPESTGC11 Start Date: 08/02/2015 11:01

Analysis Batch Number: 314126 End Date: 08/02/2015 14:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-314126/1		08/02/2015 11:01	1		CLP-2 0.53(mm)
PIBLK 460-314126/1		08/02/2015 11:01	1		CLP-1 0.53(mm)
IC 460-314126/2		08/02/2015 11:15	1	T1305294.D	CLP-2 0.53(mm)
IC 460-314126/2		08/02/2015 11:15	1	T1305294.D	CLP-1 0.53(mm)
IC 460-314126/3		08/02/2015 11:30	1	T1305295.D	CLP-2 0.53(mm)
IC 460-314126/3		08/02/2015 11:30	1	T1305295.D	CLP-1 0.53(mm)
IC 460-314126/4 ICIS		08/02/2015 11:44	1	T1305296.D	CLP-2 0.53(mm)
IC 460-314126/4 ICIS		08/02/2015 11:44	1	T1305296.D	CLP-1 0.53(mm)
IC 460-314126/5		08/02/2015 11:59	1	T1305297.D	CLP-2 0.53(mm)
IC 460-314126/5		08/02/2015 11:59	1	T1305297.D	CLP-1 0.53(mm)
IC 460-314126/6		08/02/2015 12:13	1	T1305298.D	CLP-2 0.53(mm)
IC 460-314126/6		08/02/2015 12:13	1	T1305298.D	CLP-1 0.53(mm)
ICV 460-314126/7		08/02/2015 12:28	1		CLP-2 0.53(mm)
ICV 460-314126/7		08/02/2015 12:28	1		CLP-1 0.53(mm)
IC 460-314126/8		08/02/2015 12:47	1	T1305300.D	CLP-2 0.53(mm)
IC 460-314126/8		08/02/2015 12:47	1	T1305300.D	CLP-1 0.53(mm)
IC 460-314126/9		08/02/2015 13:01	1	T1305301.D	CLP-2 0.53(mm)
IC 460-314126/9		08/02/2015 13:01	1	T1305301.D	CLP-1 0.53(mm)
IC 460-314126/10		08/02/2015 13:16	1	T1305302.D	CLP-2 0.53(mm)
IC 460-314126/10		08/02/2015 13:16	1	T1305302.D	CLP-1 0.53(mm)
IC 460-314126/11		08/02/2015 13:30	1	T1305303.D	CLP-2 0.53(mm)
IC 460-314126/11		08/02/2015 13:30	1	T1305303.D	CLP-1 0.53(mm)
IC 460-314126/12		08/02/2015 13:45	1	T1305304.D	CLP-2 0.53(mm)
IC 460-314126/12		08/02/2015 13:45	1	T1305304.D	CLP-1 0.53(mm)
IC 460-314126/13		08/02/2015 13:59	1	T1305305.D	CLP-2 0.53(mm)
IC 460-314126/13		08/02/2015 13:59	1	T1305305.D	CLP-1 0.53(mm)
IC 460-314126/14		08/02/2015 14:14	1	T1305306.D	CLP-2 0.53(mm)
IC 460-314126/14		08/02/2015 14:14	1	T1305306.D	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Instrument ID: CPESTGC11 Start Date: 11/11/2015 14:42

Analysis Batch Number: 334728 End Date: 11/12/2015 11:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-334728/1		11/11/2015 14:42	1	T1312066.D	CLP-2 0.53(mm)
CCVIS 460-334728/1		11/11/2015 14:42	1	T1312066.D	CLP-1 0.53(mm)
MB 460-334588/1-A		11/11/2015 15:01	1	T1312067.D	CLP-2 0.53(mm)
MB 460-334588/1-A		11/11/2015 15:01	1	T1312067.D	CLP-1 0.53(mm)
LCS 460-334588/2-A		11/11/2015 15:15	1	T1312068.D	CLP-2 0.53(mm)
LCS 460-334588/2-A		11/11/2015 15:15	1	T1312068.D	CLP-1 0.53(mm)
460-104194-1	PRA-25S_1.75	11/11/2015 15:30	1	T1312069.D	CLP-2 0.53(mm)
460-104194-1	PRA-25S_1.75	11/11/2015 15:30	1	T1312069.D	CLP-1 0.53(mm)
460-104194-1 MS	PRA-25S_1.75 MS	11/11/2015 15:45	1	T1312070.D	CLP-2 0.53(mm)
460-104194-1 MS	PRA-25S_1.75 MS	11/11/2015 15:45	1	T1312070.D	CLP-1 0.53(mm)
460-104194-1 MSD	PRA-25S_1.75 MSD	11/11/2015 15:59	1	T1312071.D	CLP-2 0.53(mm)
460-104194-1 MSD	PRA-25S_1.75 MSD	11/11/2015 15:59	1	T1312071.D	CLP-1 0.53(mm)
460-104194-2	PRA-25S-3.75	11/11/2015 16:14	1	T1312072.D	CLP-2 0.53(mm)
460-104194-2	PRA-25S-3.75	11/11/2015 16:14	1	T1312072.D	CLP-1 0.53(mm)
460-104194-3	PRA-25S 8.25	11/11/2015 16:28	1	T1312073.D	CLP-2 0.53(mm)
460-104194-3	PRA-25S 8.25	11/11/2015 16:28	1	T1312073.D	CLP-1 0.53(mm)
460-104194-4	PRA-25S 11.25	11/11/2015 16:43	1	T1312074.D	CLP-2 0.53(mm)
460-104194-4	PRA-25S 11.25	11/11/2015 16:43	1	T1312074.D	CLP-1 0.53(mm)
460-104194-5	PRA-23 NW	11/11/2015 16:58	1	T1312075.D	CLP-2 0.53(mm)
460-104194-5	PRA-23 NW	11/11/2015 16:58	1	T1312075.D	CLP-1 0.53(mm)
460-104194-6	PRA-18 S	11/11/2015 17:12	1	T1312076.D	CLP-2 0.53(mm)
460-104194-6	PRA-18 S	11/11/2015 17:12	1	T1312076.D	CLP-1 0.53(mm)
460-104194-7	PRA-10 W	11/11/2015 17:27	1	T1312077.D	CLP-2 0.53(mm)
460-104194-7	PRA-10 W	11/11/2015 17:27	1	T1312077.D	CLP-1 0.53(mm)
460-104194-8	PRA-18-SE	11/11/2015 17:41	1	T1312078.D	CLP-2 0.53(mm)
460-104194-8	PRA-18-SE	11/11/2015 17:41	1	T1312078.D	CLP-1 0.53(mm)
460-104194-9	PRA-18-NE	11/11/2015 17:56	1	T1312079.D	CLP-2 0.53(mm)
460-104194-9	PRA-18-NE	11/11/2015 17:56	1	T1312079.D	CLP-1 0.53(mm)
460-104194-10	PRA-20-N	11/11/2015 18:10	1	T1312080.D	CLP-2 0.53(mm)
460-104194-10	PRA-20-N	11/11/2015 18:10	1	T1312080.D	CLP-1 0.53(mm)
ZZZZZ		11/11/2015 18:25	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 18:25	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 18:40	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 18:40	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 18:54	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 18:54	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 19:09	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 19:09	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 19:23	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 19:23	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 19:38	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 19:38	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 19:52	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 19:52	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 20:07	1		CLP-2 0.53(mm)

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PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Instrument ID: CPESTGC11 Start Date: 11/11/2015 14:42

Analysis Batch Number: 334728 End Date: 11/12/2015 11:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		11/11/2015 20:07	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 20:21	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 20:21	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 20:36	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 20:36	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 20:51	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 20:51	1		CLP-1 0.53(mm)
CCV 460-334728/27		11/11/2015 21:05	1	T1312092.D	CLP-2 0.53(mm)
CCV 460-334728/27		11/11/2015 21:05	1	T1312092.D	CLP-1 0.53(mm)
ZZZZZ		11/11/2015 21:20	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 21:20	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 21:34	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 21:34	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 21:49	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 21:49	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 22:03	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 22:03	1		CLP-1 0.53(mm)
CCVIS 460-334728/32		11/11/2015 22:18	1	T1312097.D	CLP-2 0.53(mm)
CCVIS 460-334728/32		11/11/2015 22:18	1	T1312097.D	CLP-1 0.53(mm)
MB 460-334586/1-A		11/11/2015 22:33	1	T1312098.D	CLP-2 0.53(mm)
MB 460-334586/1-A		11/11/2015 22:33	1	T1312098.D	CLP-1 0.53(mm)
LCS 460-334586/2-A		11/11/2015 22:47	1	T1312099.D	CLP-2 0.53(mm)
LCS 460-334586/2-A		11/11/2015 22:47	1	T1312099.D	CLP-1 0.53(mm)
460-104183-A-23-A MS		11/11/2015 23:02	1	T1312100.D	CLP-2 0.53(mm)
460-104183-A-23-A MS		11/11/2015 23:02	1	T1312100.D	CLP-1 0.53(mm)
460-104183-A-23-B MSD		11/11/2015 23:16	1	T1312101.D	CLP-2 0.53(mm)
460-104183-A-23-B MSD		11/11/2015 23:16	1	T1312101.D	CLP-1 0.53(mm)
ZZZZZ		11/11/2015 23:31	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 23:31	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 23:45	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 23:45	1		CLP-1 0.53(mm)
ZZZZZ		11/12/2015 00:00	1		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 00:00	1		CLP-1 0.53(mm)
ZZZZZ		11/12/2015 00:14	1		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 00:14	1		CLP-1 0.53(mm)
ZZZZZ		11/12/2015 00:29	1		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 00:29	1		CLP-1 0.53(mm)
ZZZZZ		11/12/2015 00:43	1		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 00:43	1		CLP-1 0.53(mm)
ZZZZZ		11/12/2015 00:58	1		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 00:58	1		CLP-1 0.53(mm)
ZZZZZ		11/12/2015 01:13	1		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 01:13	1		CLP-1 0.53(mm)
ZZZZZ		11/12/2015 01:27	1		CLP-2 0.53(mm)

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PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Instrument ID: CPESTGC11 Start Date: 11/11/2015 14:42

Analysis Batch Number: 334728 End Date: 11/12/2015 11:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		11/12/2015 01:27	1		CLP-1 0.53(mm)
ZZZZZ		11/12/2015 01:42	1		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 01:42	1		CLP-1 0.53(mm)
ZZZZZ		11/12/2015 01:56	1		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 01:56	1		CLP-1 0.53(mm)
ZZZZZ		11/12/2015 02:11	1		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 02:11	1		CLP-1 0.53(mm)
ZZZZZ		11/12/2015 02:25	1		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 02:25	1		CLP-1 0.53(mm)
ZZZZZ		11/12/2015 02:40	1		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 02:40	1		CLP-1 0.53(mm)
ZZZZZ		11/12/2015 02:54	1		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 02:54	1		CLP-1 0.53(mm)
ZZZZZ		11/12/2015 03:09	1		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 03:09	1		CLP-1 0.53(mm)
ZZZZZ		11/12/2015 03:24	1		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 03:24	1		CLP-1 0.53(mm)
460-104194-22	PMP-28_NW2_WT	11/12/2015 03:38	1	T1312119.D	CLP-2 0.53(mm)
460-104194-22	PMP-28_NW2_WT	11/12/2015 03:38	1	T1312119.D	CLP-1 0.53(mm)
ZZZZZ		11/12/2015 03:53	1		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 03:53	1		CLP-1 0.53(mm)
ZZZZZ		11/12/2015 04:07	1		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 04:07	1		CLP-1 0.53(mm)
ZZZZZ		11/12/2015 04:22	1		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 04:22	1		CLP-1 0.53(mm)
CCV 460-334728/58		11/12/2015 04:36	1	T1312123.D	CLP-2 0.53(mm)
CCV 460-334728/58		11/12/2015 04:36	1	T1312123.D	CLP-1 0.53(mm)
CCV 460-334728/59		11/12/2015 04:51	1		CLP-2 0.53(mm)
CCV 460-334728/59		11/12/2015 04:51	1		CLP-1 0.53(mm)
CCV 460-334728/60		11/12/2015 05:06	1		CLP-2 0.53(mm)
CCV 460-334728/60		11/12/2015 05:06	1		CLP-1 0.53(mm)
CCV 460-334728/61		11/12/2015 05:20	1	T1312126.D	CLP-2 0.53(mm)
CCV 460-334728/61		11/12/2015 05:20	1	T1312126.D	CLP-1 0.53(mm)
ZZZZZ		11/12/2015 05:35	1		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 05:35	1		CLP-1 0.53(mm)
ZZZZZ		11/12/2015 05:49	1		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 05:49	1		CLP-1 0.53(mm)
CCVIS 460-334728/64		11/12/2015 06:04	1	T1312129.D	CLP-2 0.53(mm)
CCVIS 460-334728/64		11/12/2015 06:04	1	T1312129.D	CLP-1 0.53(mm)
460-104194-11	PMP-15-NW2-WT	11/12/2015 06:19	500	T1312130.D	CLP-2 0.53(mm)
460-104194-11	PMP-15-NW2-WT	11/12/2015 06:19	500	T1312130.D	CLP-1 0.53(mm)
460-104194-12	PMP-16-NW2-WT	11/12/2015 06:33	20	T1312131.D	CLP-2 0.53(mm)
460-104194-12	PMP-16-NW2-WT	11/12/2015 06:33	20	T1312131.D	CLP-1 0.53(mm)
460-104194-13	PMP-17-NW2-WT	11/12/2015 06:48	200	T1312132.D	CLP-2 0.53(mm)
460-104194-13	PMP-17-NW2-WT	11/12/2015 06:48	200	T1312132.D	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Instrument ID: CPESTGC11 Start Date: 11/11/2015 14:42

Analysis Batch Number: 334728 End Date: 11/12/2015 11:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
460-104194-14	PMP-18-NW2-WT	11/12/2015 07:02	100	T1312133.D	CLP-2 0.53(mm)
460-104194-14	PMP-18-NW2-WT	11/12/2015 07:02	100	T1312133.D	CLP-1 0.53(mm)
460-104194-15	PMP-19-NW2-WT	11/12/2015 07:17	100	T1312134.D	CLP-2 0.53(mm)
460-104194-15	PMP-19-NW2-WT	11/12/2015 07:17	100	T1312134.D	CLP-1 0.53(mm)
460-104194-16	PMP-20-NW2-WT	11/12/2015 07:31	50	T1312135.D	CLP-2 0.53(mm)
460-104194-16	PMP-20-NW2-WT	11/12/2015 07:31	50	T1312135.D	CLP-1 0.53(mm)
460-104194-17	PMP-20-NW2-S	11/12/2015 07:46	20	T1312136.D	CLP-2 0.53(mm)
460-104194-17	PMP-20-NW2-S	11/12/2015 07:46	20	T1312136.D	CLP-1 0.53(mm)
460-104194-18	PMP-26-NW2-WT	11/12/2015 08:01	20	T1312137.D	CLP-2 0.53(mm)
460-104194-18	PMP-26-NW2-WT	11/12/2015 08:01	20	T1312137.D	CLP-1 0.53(mm)
460-104194-19	DUP-2015_2_11_06	11/12/2015 08:14	200	T1312138.D	CLP-2 0.53(mm)
460-104194-19	DUP-2015_2_11_06	11/12/2015 08:14	200	T1312138.D	CLP-1 0.53(mm)
460-104194-20	DUP-2015_11_06_01	11/12/2015 08:28	1	T1312139.D	CLP-2 0.53(mm)
460-104194-20	DUP-2015_11_06_01	11/12/2015 08:28	1	T1312139.D	CLP-1 0.53(mm)
ZZZZZ		11/12/2015 08:43	10		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 08:43	10		CLP-1 0.53(mm)
ZZZZZ		11/12/2015 08:57	2		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 08:57	2		CLP-1 0.53(mm)
ZZZZZ		11/12/2015 09:12	1		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 09:12	1		CLP-1 0.53(mm)
460-104194-21	PMP-27_NW2_WT	11/12/2015 10:11	50	T1312143.D	CLP-2 0.53(mm)
460-104194-21	PMP-27_NW2_WT	11/12/2015 10:11	50	T1312143.D	CLP-1 0.53(mm)
460-104194-25	PMP-13_NW2_WT	11/12/2015 10:26	500	T1312144.D	CLP-2 0.53(mm)
460-104194-25	PMP-13_NW2_WT	11/12/2015 10:26	500	T1312144.D	CLP-1 0.53(mm)
CCV 460-334728/80		11/12/2015 10:40	1	T1312145.D	CLP-2 0.53(mm)
CCV 460-334728/80		11/12/2015 10:40	1	T1312145.D	CLP-1 0.53(mm)
CCV 460-334728/81		11/12/2015 11:39	1	T1312146.D	CLP-2 0.53(mm)
CCV 460-334728/81		11/12/2015 11:39	1	T1312146.D	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Instrument ID: CPESTGC9 Start Date: 09/30/2015 09:31

Analysis Batch Number: 325682 End Date: 09/30/2015 13:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/30/2015 09:31	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2015 09:31	1		CLP-1 0.53(mm)
IC 460-325682/2		09/30/2015 09:47	1	VR503358.D	CLP-2 0.53(mm)
IC 460-325682/2		09/30/2015 09:47	1	VR503358.D	CLP-1 0.53(mm)
ZZZZZ		09/30/2015 10:03	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2015 10:03	1		CLP-1 0.53(mm)
IC 460-325682/4 ICIS		09/30/2015 10:19	1	VR503360.D	CLP-2 0.53(mm)
IC 460-325682/4 ICIS		09/30/2015 10:19	1	VR503360.D	CLP-1 0.53(mm)
IC 460-325682/5		09/30/2015 10:34	1	VR503361.D	CLP-2 0.53(mm)
IC 460-325682/5		09/30/2015 10:34	1	VR503361.D	CLP-1 0.53(mm)
IC 460-325682/6		09/30/2015 10:50	1	VR503362.D	CLP-2 0.53(mm)
IC 460-325682/6		09/30/2015 10:50	1	VR503362.D	CLP-1 0.53(mm)
ZZZZZ		09/30/2015 11:06	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2015 11:06	1		CLP-1 0.53(mm)
IC 460-325682/21		09/30/2015 11:22	1	VR503364.D	CLP-2 0.53(mm)
IC 460-325682/21		09/30/2015 11:22	1	VR503364.D	CLP-1 0.53(mm)
ICV 460-325682/22		09/30/2015 11:45	1		CLP-2 0.53(mm)
ICV 460-325682/22		09/30/2015 11:45	1		CLP-1 0.53(mm)
IC 460-325682/8		09/30/2015 12:01	1	VR503366.D	CLP-2 0.53(mm)
IC 460-325682/8		09/30/2015 12:01	1	VR503366.D	CLP-1 0.53(mm)
IC 460-325682/9		09/30/2015 12:17	1	VR503367.D	CLP-2 0.53(mm)
IC 460-325682/9		09/30/2015 12:17	1	VR503367.D	CLP-1 0.53(mm)
IC 460-325682/10		09/30/2015 12:33	1	VR503368.D	CLP-2 0.53(mm)
IC 460-325682/10		09/30/2015 12:33	1	VR503368.D	CLP-1 0.53(mm)
IC 460-325682/11		09/30/2015 12:49	1	VR503369.D	CLP-2 0.53(mm)
IC 460-325682/11		09/30/2015 12:49	1	VR503369.D	CLP-1 0.53(mm)
IC 460-325682/12		09/30/2015 13:04	1	VR503370.D	CLP-2 0.53(mm)
IC 460-325682/12		09/30/2015 13:04	1	VR503370.D	CLP-1 0.53(mm)
IC 460-325682/13		09/30/2015 13:20	1	VR503371.D	CLP-2 0.53(mm)
IC 460-325682/13		09/30/2015 13:20	1	VR503371.D	CLP-1 0.53(mm)
IC 460-325682/14		09/30/2015 13:36	1	VR503372.D	CLP-2 0.53(mm)
IC 460-325682/14		09/30/2015 13:36	1	VR503372.D	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Instrument ID: CPESTGC9 Start Date: 11/11/2015 15:22

Analysis Batch Number: 334730 End Date: 11/12/2015 04:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-334730/1		11/11/2015 15:22	1	VR504472.D	CLP-2 0.53(mm)
CCVIS 460-334730/1		11/11/2015 15:22	1	VR504472.D	CLP-1 0.53(mm)
MB 460-334069/1-A		11/11/2015 15:39	1	VR504473.D	CLP-2 0.53(mm)
MB 460-334069/1-A		11/11/2015 15:39	1	VR504473.D	CLP-1 0.53(mm)
LCS 460-334069/2-A		11/11/2015 15:55	1	VR504474.D	CLP-2 0.53(mm)
LCS 460-334069/2-A		11/11/2015 15:55	1	VR504474.D	CLP-1 0.53(mm)
LCSD 460-334069/3-A		11/11/2015 16:10	1	VR504475.D	CLP-2 0.53(mm)
LCSD 460-334069/3-A		11/11/2015 16:10	1	VR504475.D	CLP-1 0.53(mm)
ZZZZZ		11/11/2015 16:26	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 16:26	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 16:42	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 16:42	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 16:58	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 16:58	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 17:14	5		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 17:14	5		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 17:29	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 17:29	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 17:45	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 17:45	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 18:01	2		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 18:01	2		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 18:17	10		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 18:17	10		CLP-1 0.53(mm)
460-104194-23	FB-20151106	11/11/2015 18:32	1	VR504484.D	CLP-2 0.53(mm)
460-104194-23	FB-20151106	11/11/2015 18:32	1	VR504484.D	CLP-1 0.53(mm)
ZZZZZ		11/11/2015 18:48	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 18:48	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 19:04	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 19:04	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 19:20	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 19:20	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 19:36	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 19:36	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 19:51	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 19:51	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 20:07	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 20:07	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 20:23	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 20:23	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 20:39	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 20:39	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 20:54	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 20:54	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 21:10	1		CLP-2 0.53(mm)

8082A

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Instrument ID: CPESTGC9 Start Date: 11/11/2015 15:22

Analysis Batch Number: 334730 End Date: 11/12/2015 04:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		11/11/2015 21:10	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 21:26	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 21:26	1		CLP-1 0.53(mm)
ZZZZZ		11/12/2015 01:49	1		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 01:49	1		CLP-1 0.53(mm)
ZZZZZ		11/12/2015 02:04	1		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 02:04	1		CLP-1 0.53(mm)
ZZZZZ		11/12/2015 02:20	1		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 02:20	1		CLP-1 0.53(mm)
ZZZZZ		11/12/2015 02:36	1		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 02:36	1		CLP-1 0.53(mm)
ZZZZZ		11/12/2015 03:02	5		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 03:02	5		CLP-1 0.53(mm)
ZZZZZ		11/12/2015 03:18	1		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 03:18	1		CLP-1 0.53(mm)
ZZZZZ		11/12/2015 03:34	2		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 03:34	2		CLP-1 0.53(mm)
ZZZZZ		11/12/2015 03:50	10		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 03:50	10		CLP-1 0.53(mm)
ZZZZZ		11/12/2015 04:05	1		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 04:05	1		CLP-1 0.53(mm)
ZZZZZ		11/12/2015 04:38	1		CLP-2 0.53(mm)
ZZZZZ		11/12/2015 04:38	1		CLP-1 0.53(mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Batch Number: 334069 Batch Start Date: 11/09/15 10:14 Batch Analyst: Wu, Huachi

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	OP_PCB SP_LVI 00008	OPPSPCBSU_LVI 00009	
MB 460-334069/1		3510C, 8082A		7 SU	250 mL	1 mL		50 uL	
LCS 460-334069/2		3510C, 8082A		7 SU	250 mL	1 mL	50 uL	50 uL	
LCSD 460-334069/3		3510C, 8082A		7 SU	250 mL	1 mL	50 uL	50 uL	
460-104194-D-23	FB-20151106	3510C, 8082A	T	7 SU	240 mL	1 mL		50 uL	

Batch Notes	
Batch Comment	3510C8082 LVI
Person's name who did the concentration	Wuh
Exchange Solvent Lot #	115541
Exchange Solvent Name	Hexane
N-evap #	222299
N-evap temperature	35 Degrees C
Na2SO4 Lot Number	433101
Prep Solvent Lot #	123569
Prep Solvent Name	MeCl2
Prep Solvent Volume Used	60 mL
Person's name who did the prep	Wuh
Uncorrected N-evap Temperature	35 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Batch Number: 334586 Batch Start Date: 11/11/15 05:21 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PCBSP 00031	OPPSTPCBSURR 00006		
MB 460-334586/1		3546, 8082A		15.0000 g	10 mL		50 uL		
LCS 460-334586/2		3546, 8082A		15.0000 g	10 mL	50 uL	50 uL		
460-104183-A-23 MS		3546, 8082A	T	15.0030 g	10 mL	50 uL	50 uL		
460-104183-A-23 MSD		3546, 8082A	T	15.0441 g	10 mL	50 uL	50 uL		
460-104194-E-21	PMP-27_NW2_WT	3546, 8082A	T	15.0361 g	10 mL		50 uL		
460-104194-F-22	PMP-28_NW2_WT	3546, 8082A	T	15.0425 g	10 mL		50 uL		
460-104194-A-25	PMP-13_NW2_WT	3546, 8082A	T	15.0228 g	10 mL		50 uL		

Batch Notes	
Balance ID	30
Batch Comment	PEST-SOIL
Person's name who did the concentration	archie
Exchange Solvent Lot #	115541
Exchange Solvent Name	hexane
Final Concentrator Volume	10 mL
Florisil Lot #	S213-060 (SW3620C)151227
Hexane Lot#	115541
MeCl2/Acetone Lot #	116983
Microwave Start Time	4am
Microwave Stop Time	4:30am
Na2SO4 Lot Number	433101 (Silica sand Lot #132456)
Person's name who did the prep	archie
Person who performed Spike	archie
Water Bath ID	n-evap temp. uncorrected 37c

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Batch Number: 334588 Batch Start Date: 11/11/15 05:25 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PCBSP 00031	OPPSTPCBSURR 00006		
MB 460-334588/1		3546, 8082A		15.0000 g	10 mL		50 uL		
LCS 460-334588/2		3546, 8082A		15.0000 g	10 mL	50 uL	50 uL		
460-104194-F-1 MS	PRA-25S_1.75	3546, 8082A	T	15.0010 g	10 mL	50 uL	50 uL		
460-104194-F-1 MSD	PRA-25S_1.75	3546, 8082A	T	15.0045 g	10 mL	50 uL	50 uL		
460-104194-F-1	PRA-25S_1.75	3546, 8082A	T	15.0013 g	10 mL		50 uL		
460-104194-F-2	PRA-25S-3.75	3546, 8082A	T	15.0080 g	10 mL		50 uL		
460-104194-F-3	PRA-25S 8.25	3546, 8082A	T	15.0093 g	10 mL		50 uL		
460-104194-F-4	PRA-25S 11.25	3546, 8082A	T	15.0067 g	10 mL		50 uL		
460-104194-F-5	PRA-23 NW	3546, 8082A	T	15.0049 g	10 mL		50 uL		
460-104194-F-6	PRA-18 S	3546, 8082A	T	15.0278 g	10 mL		50 uL		
460-104194-F-7	PRA-10 W	3546, 8082A	T	15.0042 g	10 mL		50 uL		
460-104194-F-8	PRA-18-SE	3546, 8082A	T	15.0105 g	10 mL		50 uL		
460-104194-F-9	PRA-18-NE	3546, 8082A	T	15.0093 g	10 mL		50 uL		
460-104194-E-10	PRA-20-N	3546, 8082A	T	15.0044 g	10 mL		50 uL		
460-104194-E-11	PMP-15-NW2-WT	3546, 8082A	T	15.0060 g	10 mL		50 uL		
460-104194-E-12	PMP-16-NW2-WT	3546, 8082A	T	15.0121 g	10 mL		50 uL		
460-104194-A-13	PMP-17-NW2-WT	3546, 8082A	T	15.0081 g	10 mL		50 uL		
460-104194-A-14	PMP-18-NW2-WT	3546, 8082A	T	15.0342 g	10 mL		50 uL		
460-104194-E-15	PMP-19-NW2-WT	3546, 8082A	T	15.0069 g	10 mL		50 uL		
460-104194-A-16	PMP-20-NW2-WT	3546, 8082A	T	15.0044 g	10 mL		50 uL		
460-104194-A-17	PMP-20-NW2-S	3546, 8082A	T	15.0084 g	10 mL		50 uL		
460-104194-A-18	PMP-26-NW2-WT	3546, 8082A	T	15.0060 g	10 mL		50 uL		
460-104194-A-19	DUP-2015_2_11_06	3546, 8082A	T	15.0209 g	10 mL		50 uL		
460-104194-E-20	DUP-2015_11_06_01	3546, 8082A	T	15.0193 g	10 mL		50 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Batch Number: 334588 Batch Start Date: 11/11/15 05:25 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Batch Notes	
Balance ID	30
Batch Comment	PEST-SOIL
Person's name who did the concentration	archie
Exchange Solvent Lot #	115541
Exchange Solvent Name	hexane
Final Concentrator Volume	10 mL
Florisil Lot #	S213-060 (SW3620C)151227
Hexane Lot#	115541
MeCl2/Acetone Lot #	116983
Microwave Start Time	4am
Microwave Stop Time	4:30am
Na2SO4 Lot Number	433101 (Silica sand Lot #132456)
Person's name who did the prep	archie
Person who performed Spike	archie
Water Bath ID	n-evap temp. uncorrected 37c

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method NJ OQA QAM 025

New Jersey - Total petroleum Hydrocarbons (GC) by Method NJ_OQA_QAM_025

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-5MS ID: 0.25(mm)

Client Sample ID	Lab Sample ID	CB #	OTPH #
PRA-25S_1.75	460-104194-1	74	82
PRA-25S-3.75	460-104194-2	63	70
PRA-25S 8.25	460-104194-3	69	80
PRA-25S 11.25	460-104194-4	63	71
PRA-23 NW DL	460-104194-5 DL	45 D	106 D X
PRA-18 S	460-104194-6	69	83
PRA-10 W DL	460-104194-7 DL	45 D	145 D X
PRA-18-SE	460-104194-8	70	78
PRA-18-NE	460-104194-9	64	75
PRA-20-N DL	460-104194-10 DL	64 D	173 D X
DUP-2015_11_06_01	460-104194-20	54	58
PMP-28_NW2_WT	460-104194-22	63	78
	MB 460-334700/1-A	82	87
	LCS 460-334700/2-A	86	96
PRA-25S 8.25 MS	460-104194-3 MS	81	85
PRA-25S 8.25 MSD	460-104194-3 MSD	75	80

	QC LIMITS
CB = Chlorobenzene	22-92
OTPH = o-Terphenyl	23-104

Column to be used to flag recovery values

FORM II NJ-OQA-QAM-025

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-5MS ID: 0.25(mm)

Client Sample ID	Lab Sample ID	CB #	OTPH #
FB-20151106	460-104194-23	67	70
	MB 460-334886/1-A	62	62
	LCS 460-334886/2-A	76	78
	LCSD 460-334886/3-A	77	84

	QC LIMITS
CB = Chlorobenzene	26-98
OTPH = o-Terphenyl	28-121

Column to be used to flag recovery values

FORM II NJ-OQA-QAM-025

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F8004.D

Lab ID: LCS 460-334700/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	133	131	98	48-131	

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Water Level: Low Lab File ID: GC2F8022.D

Lab ID: LCS 460-334886/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	2.00	1.54	77	44-134	

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Water Level: Low Lab File ID: GC2F8023.D

Lab ID: LCSD 460-334886/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	2.00	1.61	80	4	50	44-134	

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F8005.D

Lab ID: 460-104194-3 MS Client ID: PRA-25S 8.25 MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	143	5.7 U	125	87	48-131	

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F8006.D

Lab ID: 460-104194-3 MSD Client ID: PRA-25S 8.25 MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Total Petroleum Hydrocarbons (C8-C40)	143	121	84	3	40	48-131	

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab File ID: GC2F8003.D Lab Sample ID: MB 460-334700/1-A

Matrix: Solid Date Extracted: 11/11/2015 13:36

Instrument ID: CBNAGC2 Date Analyzed: 11/12/2015 07:47

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-334700/2-A	GC2F8004.D	11/12/2015 07:59
PRA-25S 8.25 MS	460-104194-3 MS	GC2F8005.D	11/12/2015 08:11
PRA-25S 8.25 MSD	460-104194-3 MSD	GC2F8006.D	11/12/2015 08:23
PRA-25S 8.25	460-104194-3	GC2F8007.D	11/12/2015 08:35
PRA-25S_1.75	460-104194-1	GC2F8008.D	11/12/2015 08:47
PRA-25S-3.75	460-104194-2	GC2F8009.D	11/12/2015 08:59
PRA-25S 11.25	460-104194-4	GC2F8010.D	11/12/2015 09:11
PRA-23 NW DL	460-104194-5 DL	GC2F8011.D	11/12/2015 09:23
PRA-18 S	460-104194-6	GC2F8012.D	11/12/2015 09:35
PRA-10 W DL	460-104194-7 DL	GC2F8015.D	11/12/2015 10:11
PRA-18-SE	460-104194-8	GC2F8016.D	11/12/2015 10:23
PRA-18-NE	460-104194-9	GC2F8017.D	11/12/2015 10:35
PRA-20-N DL	460-104194-10 DL	GC2F8018.D	11/12/2015 10:47
DUP-2015_11_06_01	460-104194-20	GC2F8019.D	11/12/2015 10:59
PMP-28_NW2_WT	460-104194-22	GC2F8020.D	11/12/2015 11:11

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab File ID: GC2F8021.D Lab Sample ID: MB 460-334886/1-A

Matrix: Water Date Extracted: 11/12/2015 07:51

Instrument ID: CBNAGC2 Date Analyzed: 11/12/2015 11:23

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-334886/2-A	GC2F8022.D	11/12/2015 11:35
	LCSD 460-334886/3-A	GC2F8023.D	11/12/2015 11:47
FB-20151106	460-104194-23	GC2F8024.D	11/12/2015 11:59

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S_1.75 | Lab Sample ID: 460-104194-1

Matrix: Solid | Lab File ID: GC2F8008.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/06/2015 12:45

Extraction Method: 3546 | Date Extracted: 11/11/2015 13:36

Sample wt/vol: 15.0244(g) | Date Analyzed: 11/12/2015 08:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 6.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334844 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.9	U	5.9	5.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	82		23-104
108-90-7	Chlorobenzene	74		22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8008.D
Lims ID: 460-104194-F-1-E Lab Sample ID: 460-104194-1
Client ID: PRA-25S_1.75
Sample Type: Client
Inject. Date: 12-Nov-2015 08:47:41 ALS Bottle#: 11 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034146-009
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 12-Nov-2015 11:28:44 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK037

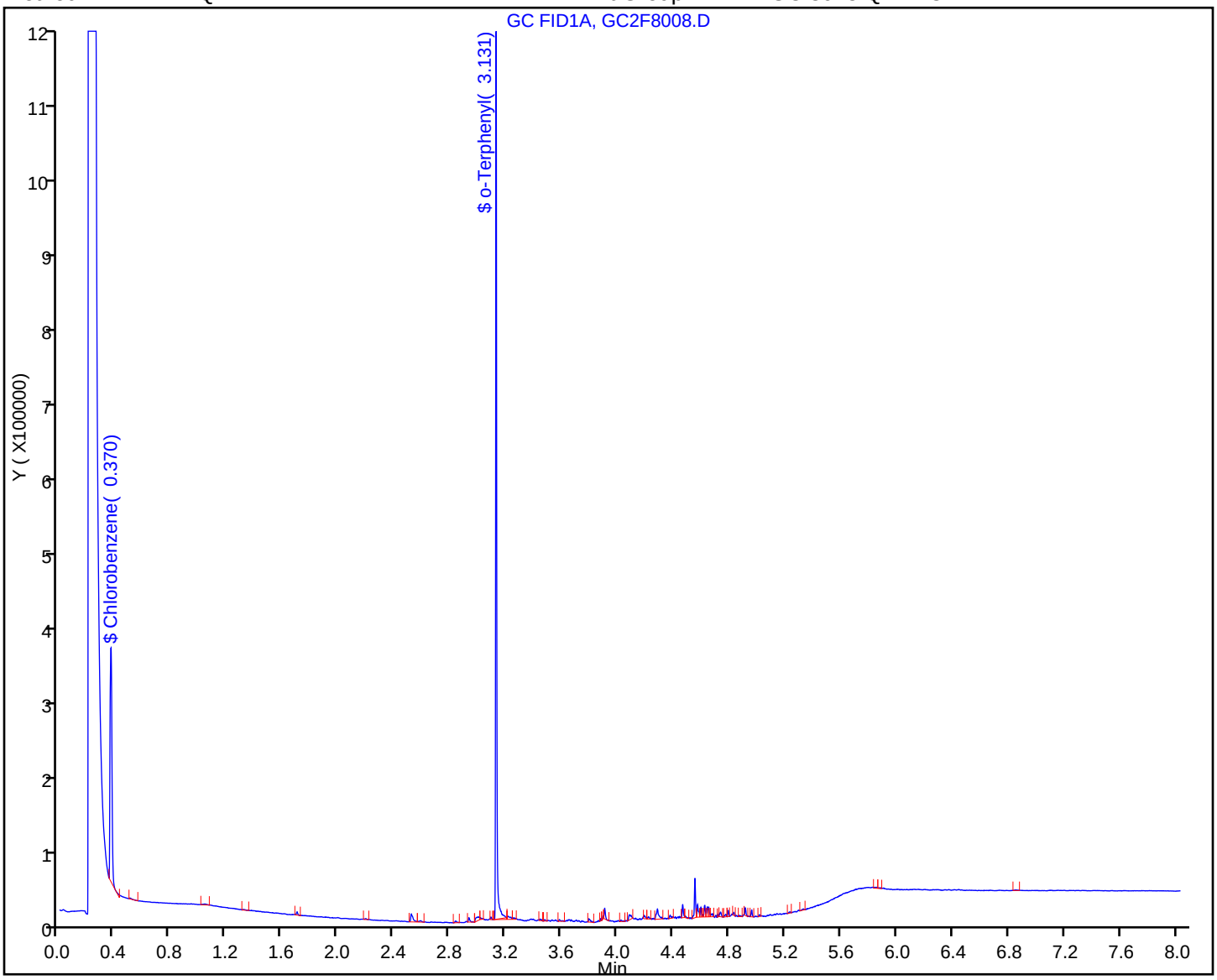
First Level Reviewer: nimerd Date: 12-Nov-2015 11:21:11

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$ 5 Chlorobenzene					
0.370	0.369	0.001	264741	14.9	
$ 4 o-Terphenyl					
3.131	3.132	-0.001	555505	16.5	

Report Date: 12-Nov-2015 11:28:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8008.D				
Injection Date:	12-Nov-2015 08:47:41	Instrument ID:	CBNAGC2		
Lims ID:	460-104194-F-1-E	Lab Sample ID:	460-104194-1		
Client ID:	PRA-25S_1.75				
Operator ID:	615	ALS Bottle#:	11	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S-3.75 | Lab Sample ID: 460-104194-2

Matrix: Solid | Lab File ID: GC2F8009.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/06/2015 12:47

Extraction Method: 3546 | Date Extracted: 11/11/2015 13:36

Sample wt/vol: 15.0443(g) | Date Analyzed: 11/12/2015 08:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334844 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.8	U	5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	70		23-104
108-90-7	Chlorobenzene	63		22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8009.D
Lims ID: 460-104194-F-2-C Lab Sample ID: 460-104194-2
Client ID: PRA-25S-3.75
Sample Type: Client
Inject. Date: 12-Nov-2015 08:59:36 ALS Bottle#: 12 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034146-010
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 12-Nov-2015 11:28:44 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK037

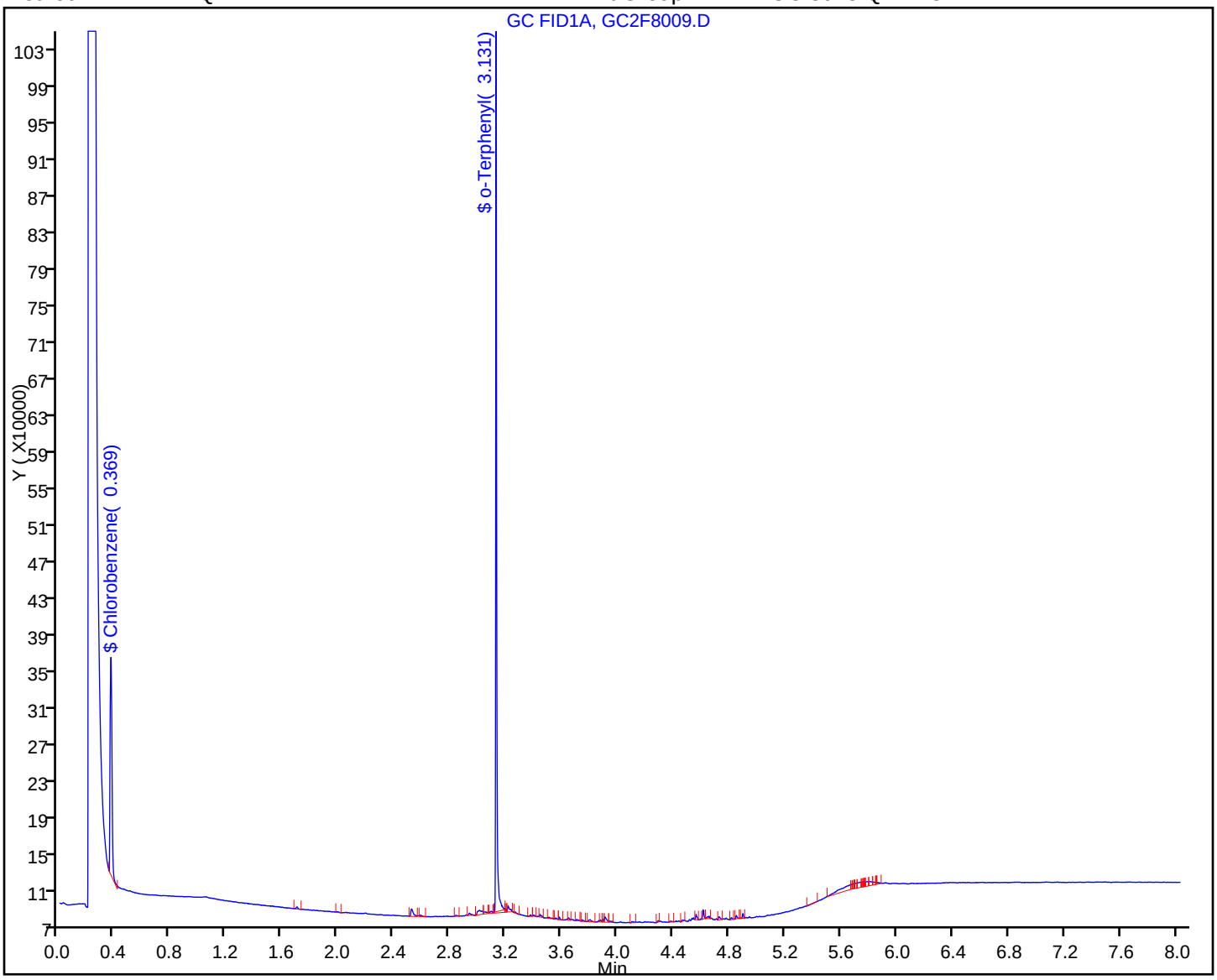
First Level Reviewer: nimerd Date: 12-Nov-2015 11:21:17

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$ 5 Chlorobenzene					
0.369	0.369	0.000	225120	12.7	
$ 4 o-Terphenyl					
3.131	3.132	-0.001	474196	14.1	

Report Date: 12-Nov-2015 11:28:56 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8009.D				
Injection Date:	12-Nov-2015 08:59:36	Instrument ID:	CBNAGC2		
Lims ID:	460-104194-F-2-C	Lab Sample ID:	460-104194-2		
Client ID:	PRA-25S-3.75				
Operator ID:	615	ALS Bottle#:	12	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S 8.25 | Lab Sample ID: 460-104194-3

Matrix: Solid | Lab File ID: GC2F8007.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/06/2015 12:49

Extraction Method: 3546 | Date Extracted: 11/11/2015 13:36

Sample wt/vol: 15.0131(g) | Date Analyzed: 11/12/2015 08:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334844 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.7	U	5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	80		23-104
108-90-7	Chlorobenzene	69		22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8007.D
Lims ID: 460-104194-G-3-C Lab Sample ID: 460-104194-3
Client ID: PRA-25S 8.25
Sample Type: Client
Inject. Date: 12-Nov-2015 08:35:38 ALS Bottle#: 10 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034146-008
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 12-Nov-2015 11:28:44 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK037

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.368	0.369	-0.001	243848	13.7	
A	3 C8-C40					
	2.794	(0.282-5.306)		1186314	51.2	k
$	4 o-Terphenyl					
	3.131	3.132	-0.001	538248	16.0	

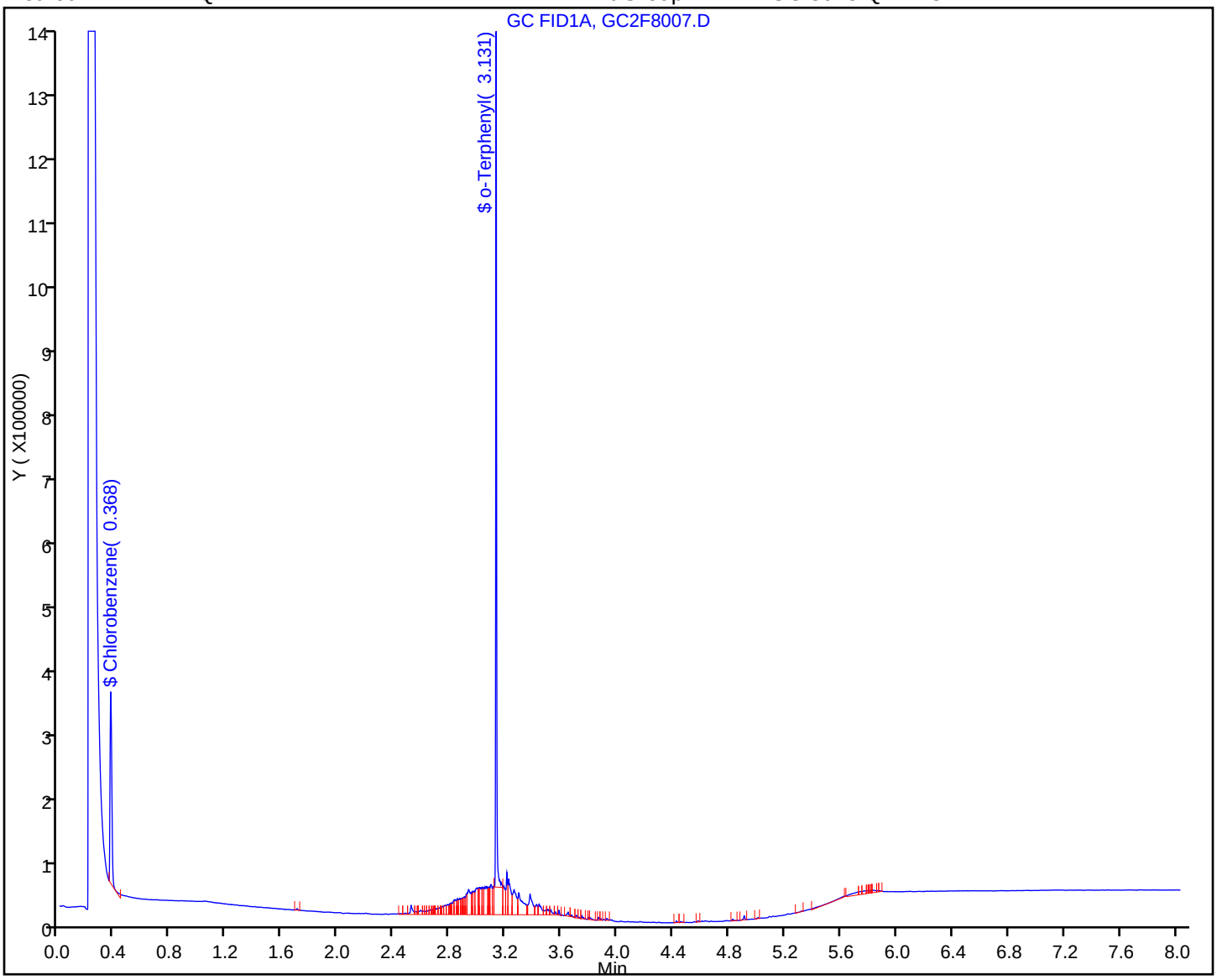
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 12-Nov-2015 11:28:53 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8007.D				
Injection Date:	12-Nov-2015 08:35:38	Instrument ID:	CBNAGC2		
Lims ID:	460-104194-G-3-C	Lab Sample ID:	460-104194-3		
Client ID:	PRA-25S 8.25				
Operator ID:	615	ALS Bottle#:	10	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S 11.25 | Lab Sample ID: 460-104194-4

Matrix: Solid | Lab File ID: GC2F8010.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/06/2015 12:51

Extraction Method: 3546 | Date Extracted: 11/11/2015 13:36

Sample wt/vol: 15.0275(g) | Date Analyzed: 11/12/2015 09:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334844 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.3	U	6.3	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	71		23-104
108-90-7	Chlorobenzene	63		22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8010.D
Lims ID: 460-104194-G-4-A Lab Sample ID: 460-104194-4
Client ID: PRA-25S 11.25
Sample Type: Client
Inject. Date: 12-Nov-2015 09:11:35 ALS Bottle#: 13 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034146-011
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 12-Nov-2015 11:28:44 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK037

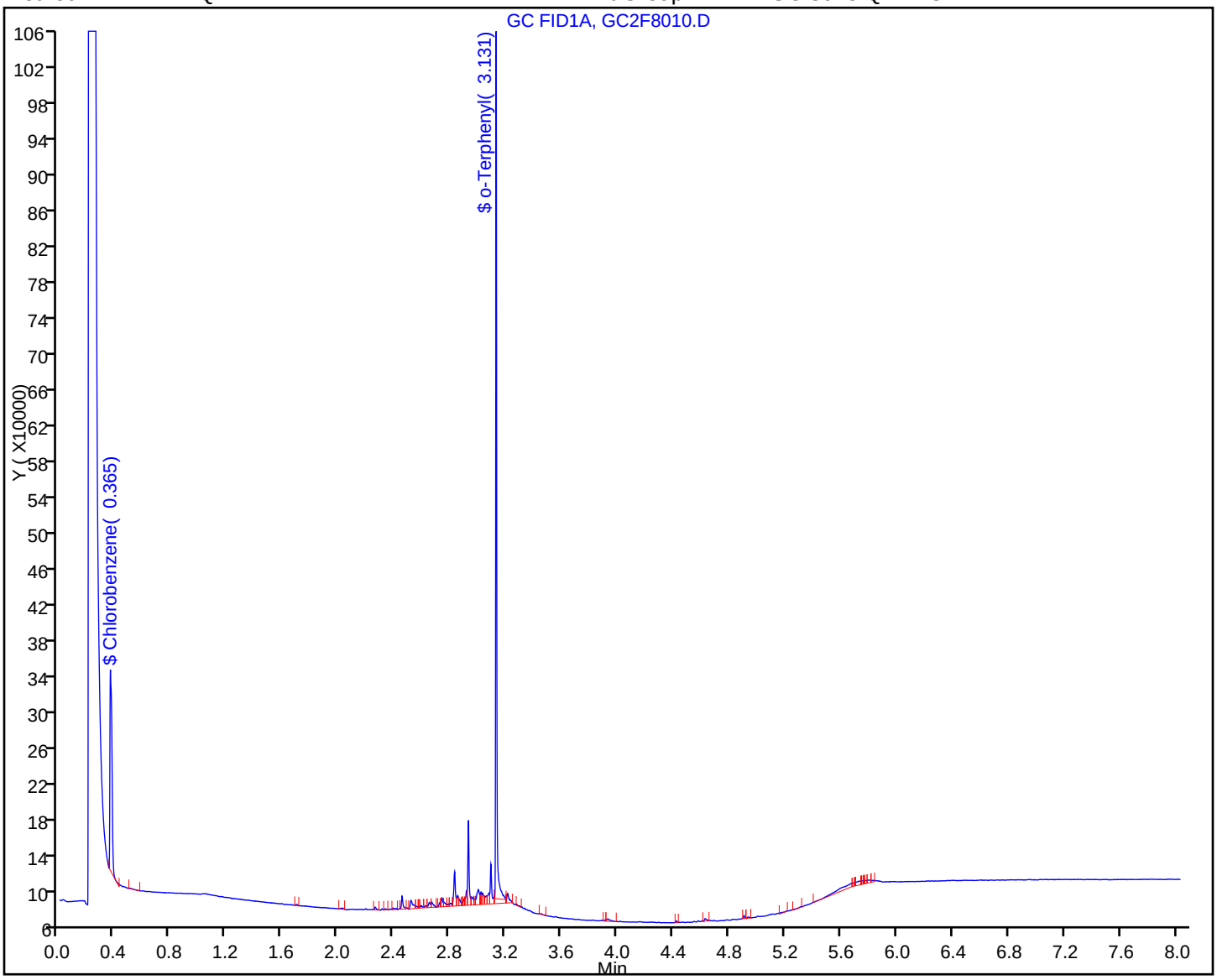
First Level Reviewer: nimerd Date: 12-Nov-2015 11:21:21

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$ 5 Chlorobenzene					
0.365	0.369	-0.004	224182	12.6	
$ 4 o-Terphenyl					
3.131	3.132	-0.001	478655	14.2	

Report Date: 12-Nov-2015 11:28:57 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8010.D				
Injection Date:	12-Nov-2015 09:11:35	Instrument ID:	CBNAGC2		
Lims ID:	460-104194-G-4-A	Lab Sample ID:	460-104194-4		
Client ID:	PRA-25S 11.25				
Operator ID:	615	ALS Bottle#:	13	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-23 NW DL | Lab Sample ID: 460-104194-5 DL

Matrix: Solid | Lab File ID: GC2F8011.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/06/2015 08:30

Extraction Method: 3546 | Date Extracted: 11/11/2015 13:36

Sample wt/vol: 15.0118(g) | Date Analyzed: 11/12/2015 09:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 9.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334844 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	340	D	30	30

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	106	D X	23-104
108-90-7	Chlorobenzene	45	D	22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8011.D
Lims ID: 460-104194-F-5-C Lab Sample ID: 460-104194-5
Client ID: PRA-23 NW
Sample Type: Client
Inject. Date: 12-Nov-2015 09:23:34 ALS Bottle#: 14 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0034146-012
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 12-Nov-2015 11:28:44 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK037

First Level Reviewer: nimerd Date: 12-Nov-2015 09:03:24

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.367	0.369	-0.002	32312	1.82	
A	3 C8-C40					
	2.794	(0.282-5.306)		21556073	931.2	k
$	4 o-Terphenyl					
	3.130	3.132	-0.002	142251	4.22	

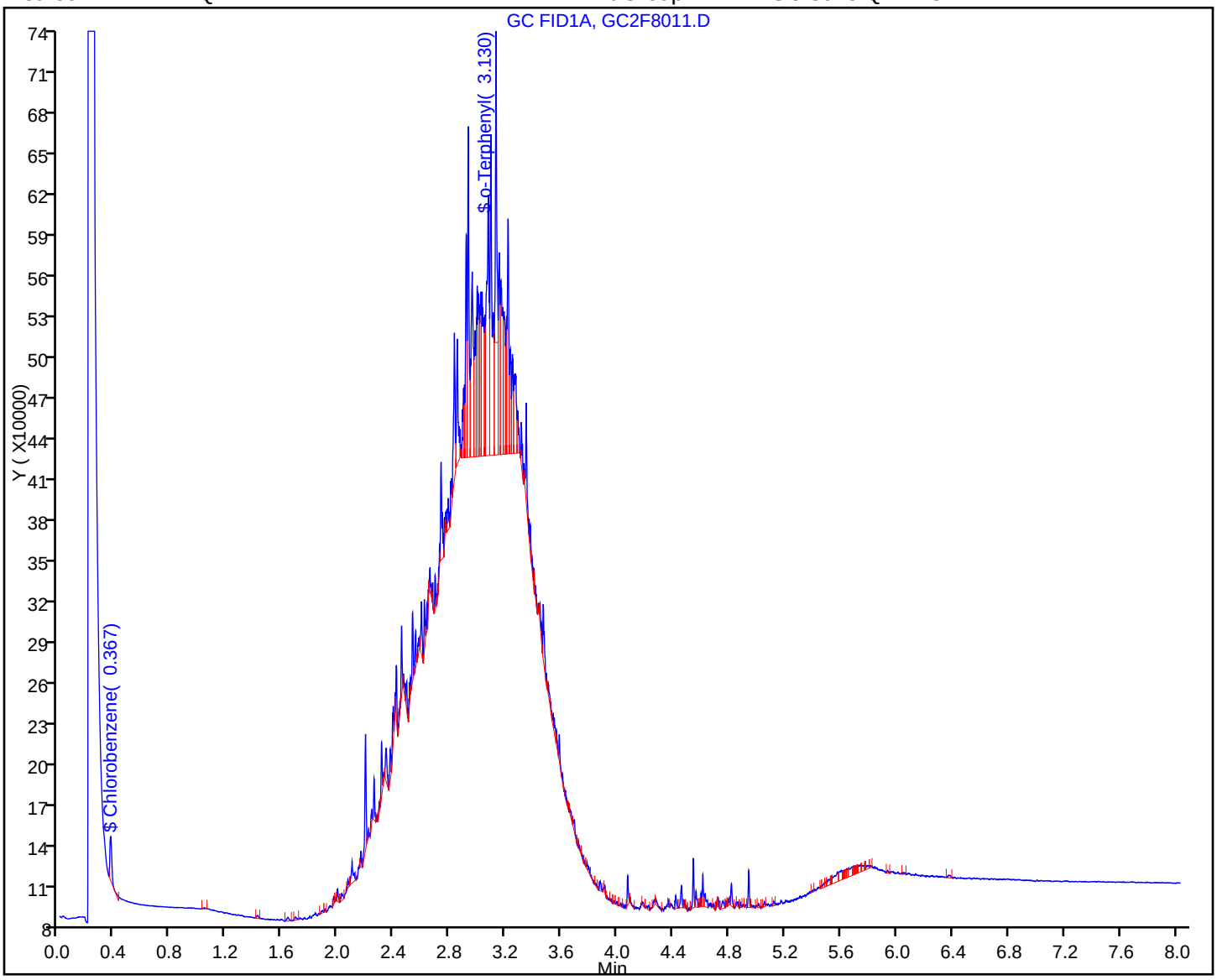
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 12-Nov-2015 11:28:58 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8011.D				
Injection Date:	12-Nov-2015 09:23:34	Instrument ID:	CBNAGC2		
Lims ID:	460-104194-F-5-C	Lab Sample ID:	460-104194-5		
Client ID:	PRA-23 NW				
Operator ID:	615	ALS Bottle#:	14	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18 S | Lab Sample ID: 460-104194-6

Matrix: Solid | Lab File ID: GC2F8012.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/06/2015 10:55

Extraction Method: 3546 | Date Extracted: 11/11/2015 13:36

Sample wt/vol: 15.0147(g) | Date Analyzed: 11/12/2015 09:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334844 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	15		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	83		23-104
108-90-7	Chlorobenzene	69		22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8012.D
Lims ID: 460-104194-F-6-C Lab Sample ID: 460-104194-6
Client ID: PRA-18 S
Sample Type: Client
Inject. Date: 12-Nov-2015 09:35:34 ALS Bottle#: 15 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034146-013
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 12-Nov-2015 11:28:44 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK037

First Level Reviewer: nimerd Date: 12-Nov-2015 09:08:17

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.364	0.369	-0.005	244777	13.8	
A	3 C8-C40					
	2.794	(0.282-5.306)		4836827	208.9	k
$	4 o-Terphenyl					
	3.130	3.132	-0.002	560847	16.7	

QC Flag Legend

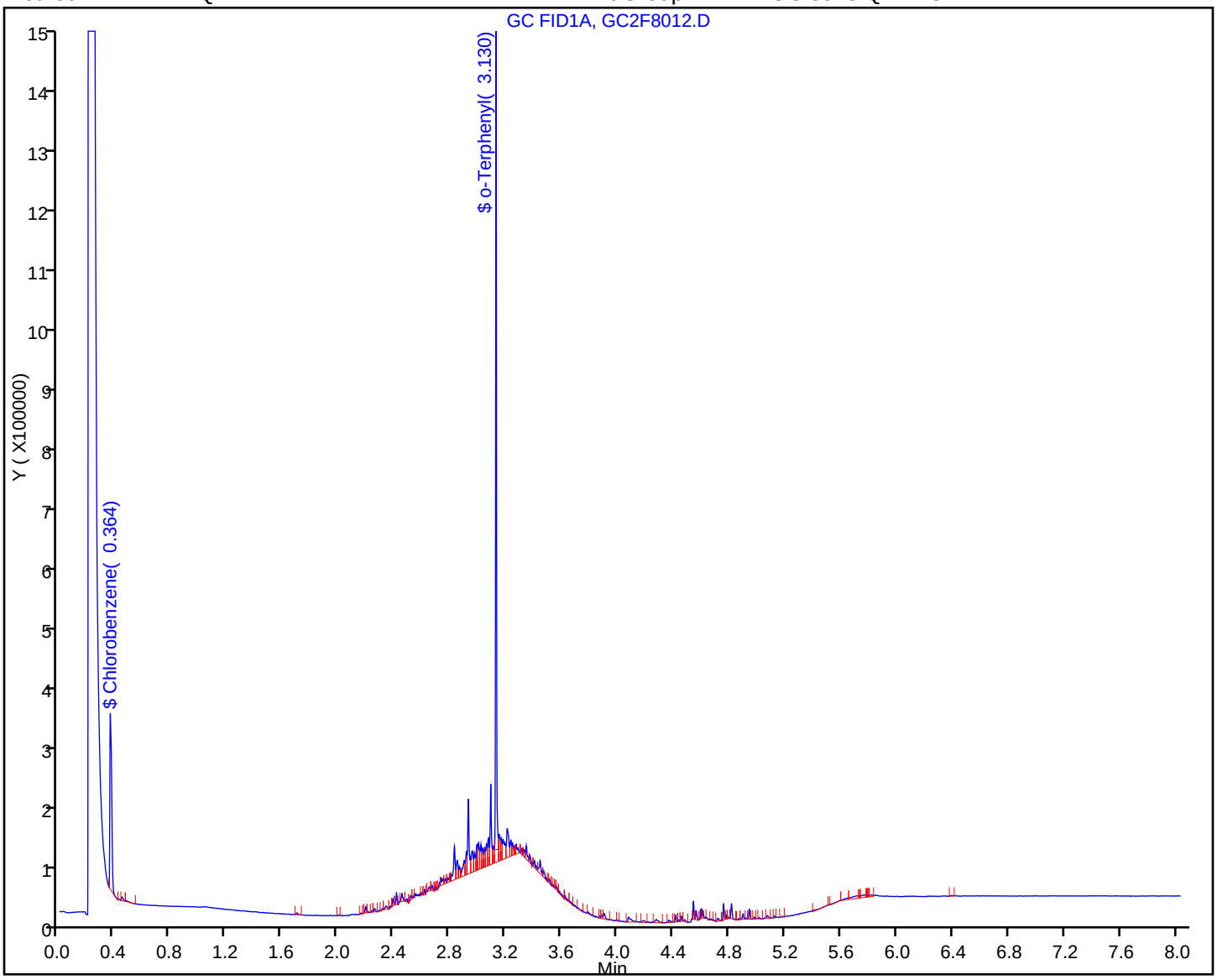
Processing Flags

k - Response Background Subtracted

Report Date: 12-Nov-2015 11:29:00 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8012.D				
Injection Date:	12-Nov-2015 09:35:34	Instrument ID:	CBNAGC2		
Lims ID:	460-104194-F-6-C	Lab Sample ID:	460-104194-6		
Client ID:	PRA-18 S				
Operator ID:	615	ALS Bottle#:	15	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-10 W DL | Lab Sample ID: 460-104194-7 DL

Matrix: Solid | Lab File ID: GC2F8015.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/06/2015 10:14

Extraction Method: 3546 | Date Extracted: 11/11/2015 13:36

Sample wt/vol: 15.0224(g) | Date Analyzed: 11/12/2015 10:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334844 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	340	D	29	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	145	D X	23-104
108-90-7	Chlorobenzene	45	D	22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8015.D
Lims ID: 460-104194-E-7-A Lab Sample ID: 460-104194-7
Client ID: PRA-10 W
Sample Type: Client
Inject. Date: 12-Nov-2015 10:11:38 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0034146-016
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 12-Nov-2015 11:29:02 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK037

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.367	0.369	-0.002	32065	1.80	
A	3 C8-C40					
	2.794	(0.282-5.306)		22467839	970.6	k
$	4 o-Terphenyl					
	3.131	3.132	-0.001	195087	5.79	

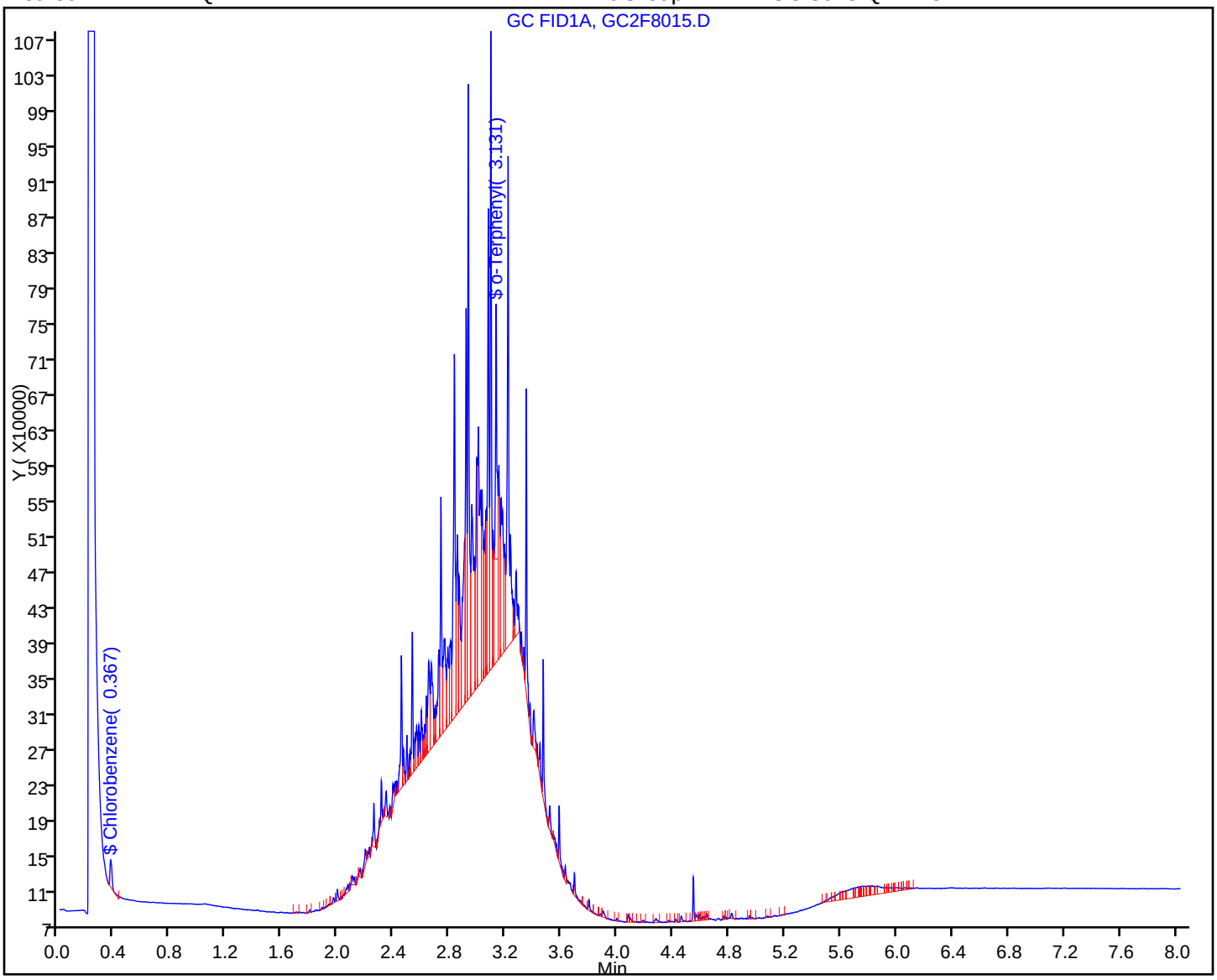
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 12-Nov-2015 11:29:04 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8015.D				
Injection Date:	12-Nov-2015 10:11:38	Instrument ID:	CBNAGC2		
Lims ID:	460-104194-E-7-A	Lab Sample ID:	460-104194-7		
Client ID:	PRA-10 W				
Operator ID:	615	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18-SE | Lab Sample ID: 460-104194-8

Matrix: Solid | Lab File ID: GC2F8016.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/06/2015 10:20

Extraction Method: 3546 | Date Extracted: 11/11/2015 13:36

Sample wt/vol: 15.0132(g) | Date Analyzed: 11/12/2015 10:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334844 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.8	U	5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	78		23-104
108-90-7	Chlorobenzene	70		22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8016.D
Lims ID: 460-104194-F-8-C Lab Sample ID: 460-104194-8
Client ID: PRA-18-SE
Sample Type: Client
Inject. Date: 12-Nov-2015 10:23:37 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034146-017
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 12-Nov-2015 11:29:02 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK037

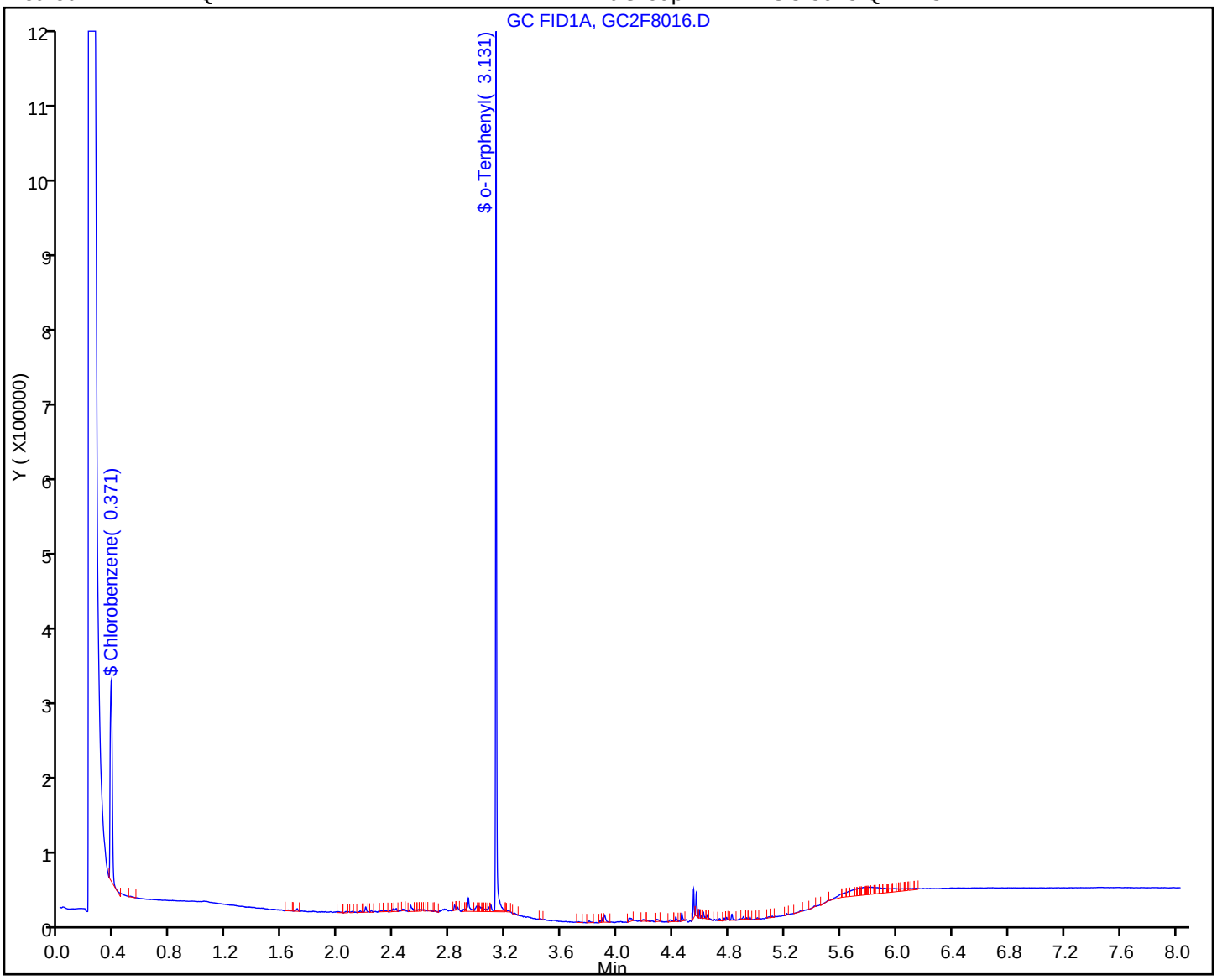
First Level Reviewer: nimerd Date: 12-Nov-2015 11:21:45

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$ 5 Chlorobenzene					
0.371	0.369	0.002	247471	13.9	
$ 4 o-Terphenyl					
3.131	3.132	-0.001	527566	15.7	

Report Date: 12-Nov-2015 11:29:06 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8016.D				
Injection Date:	12-Nov-2015 10:23:37	Instrument ID:	CBNAGC2		
Lims ID:	460-104194-F-8-C	Lab Sample ID:	460-104194-8		
Client ID:	PRA-18-SE				
Operator ID:	615	ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-18-NE | Lab Sample ID: 460-104194-9

Matrix: Solid | Lab File ID: GC2F8017.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/06/2015 10:00

Extraction Method: 3546 | Date Extracted: 11/11/2015 13:36

Sample wt/vol: 15.0561(g) | Date Analyzed: 11/12/2015 10:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334844 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.8	U	5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	75		23-104
108-90-7	Chlorobenzene	64		22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8017.D
Lims ID: 460-104194-G-9-A Lab Sample ID: 460-104194-9
Client ID: PRA-18-NE
Sample Type: Client
Inject. Date: 12-Nov-2015 10:35:37 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034146-018
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 12-Nov-2015 11:29:02 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK037

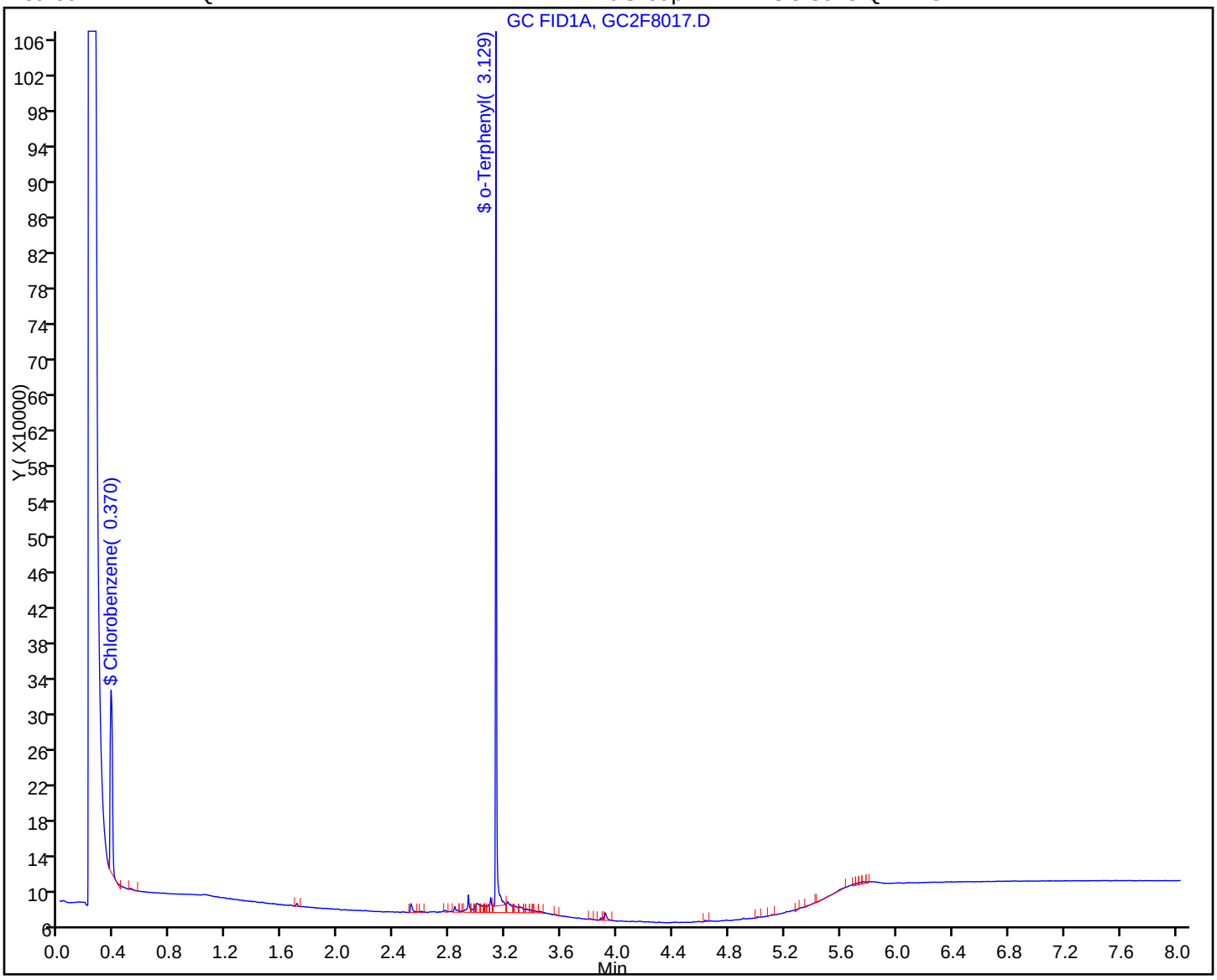
First Level Reviewer: nimerd Date: 12-Nov-2015 11:21:49

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$ 5 Chlorobenzene					
0.370	0.369	0.001	227352	12.8	
$ 4 o-Terphenyl					
3.129	3.132	-0.003	508395	15.1	

Report Date: 12-Nov-2015 11:29:07 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8017.D				
Injection Date:	12-Nov-2015 10:35:37	Instrument ID:	CBNAGC2		
Lims ID:	460-104194-G-9-A	Lab Sample ID:	460-104194-9		
Client ID:	PRA-18-NE				
Operator ID:	615	ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-20-N DL | Lab Sample ID: 460-104194-10 DL

Matrix: Solid | Lab File ID: GC2F8018.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/06/2015 11:25

Extraction Method: 3546 | Date Extracted: 11/11/2015 13:36

Sample wt/vol: 15.0331(g) | Date Analyzed: 11/12/2015 10:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334844 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	350	D	12	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	173	D X	23-104
108-90-7	Chlorobenzene	64	D	22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8018.D
Lims ID: 460-104194-E-10-B Lab Sample ID: 460-104194-10
Client ID: PRA-20-N
Sample Type: Client
Inject. Date: 12-Nov-2015 10:47:35 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 2.0000
Sample Info: 460-0034146-019
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 12-Nov-2015 11:29:02 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK037

First Level Reviewer: nimerd Date: 12-Nov-2015 11:22:31

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.367	0.369	-0.002	114307	6.43	
A	3 C8-C40					
	2.794	(0.282-5.306)		57399576	2479.5	k
$	4 o-Terphenyl					
	3.132	3.132	0.000	582387	17.3	

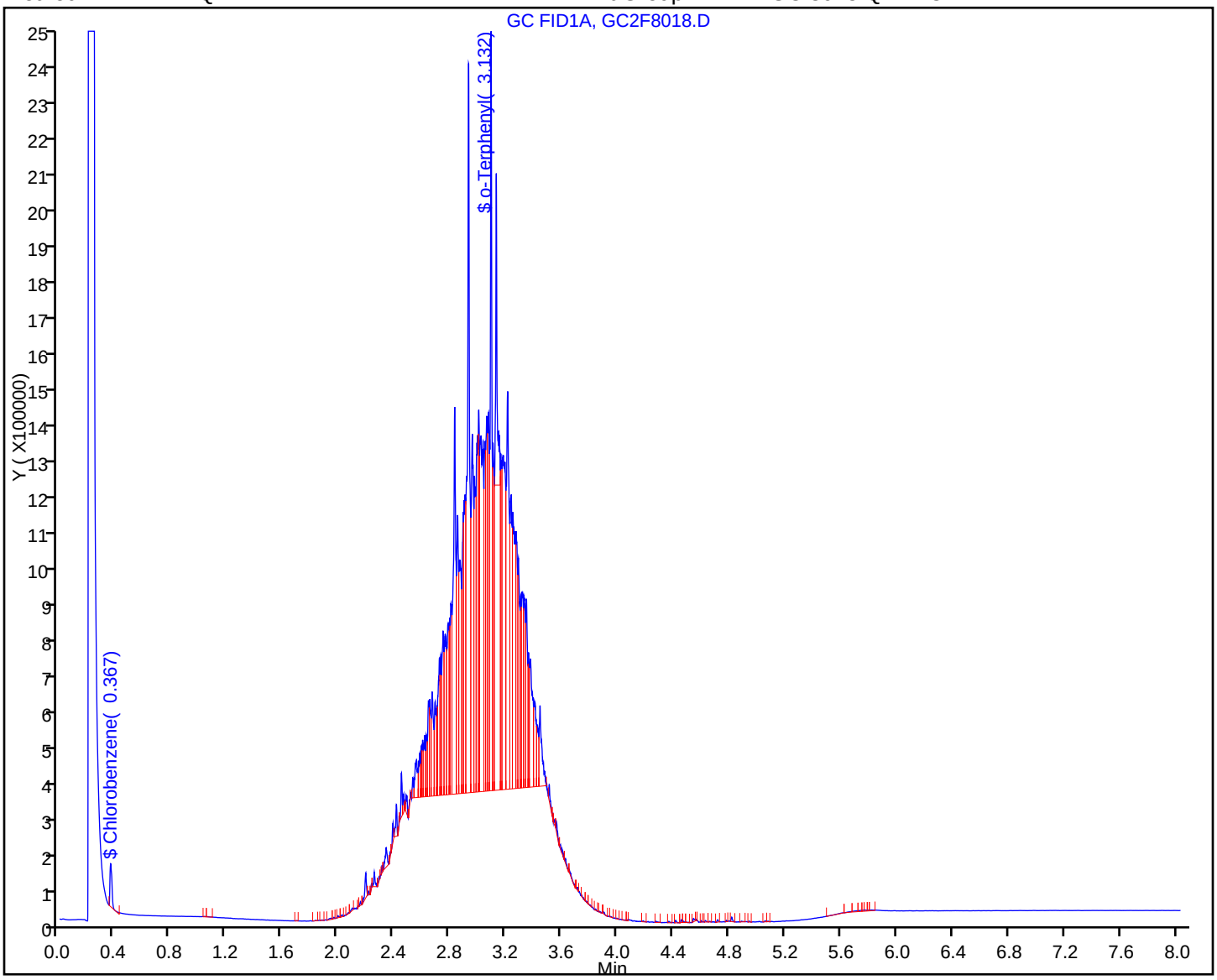
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 12-Nov-2015 11:29:08 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8018.D				
Injection Date:	12-Nov-2015 10:47:35	Instrument ID:	CBNAGC2		
Lims ID:	460-104194-E-10-B	Lab Sample ID:	460-104194-10		
Client ID:	PRA-20-N				
Operator ID:	615	ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: DUP-2015_11_06_01 | Lab Sample ID: 460-104194-20

Matrix: Solid | Lab File ID: GC2F8019.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/06/2015 00:00

Extraction Method: 3546 | Date Extracted: 11/11/2015 13:36

Sample wt/vol: 15.0222(g) | Date Analyzed: 11/12/2015 10:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334844 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.8	U	5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	58		23-104
108-90-7	Chlorobenzene	54		22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8019.D
Lims ID: 460-104194-G-20-A Lab Sample ID: 460-104194-20
Client ID: DUP-2015_11_06_01
Sample Type: Client
Inject. Date: 12-Nov-2015 10:59:41 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034146-020
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 12-Nov-2015 11:29:02 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK037

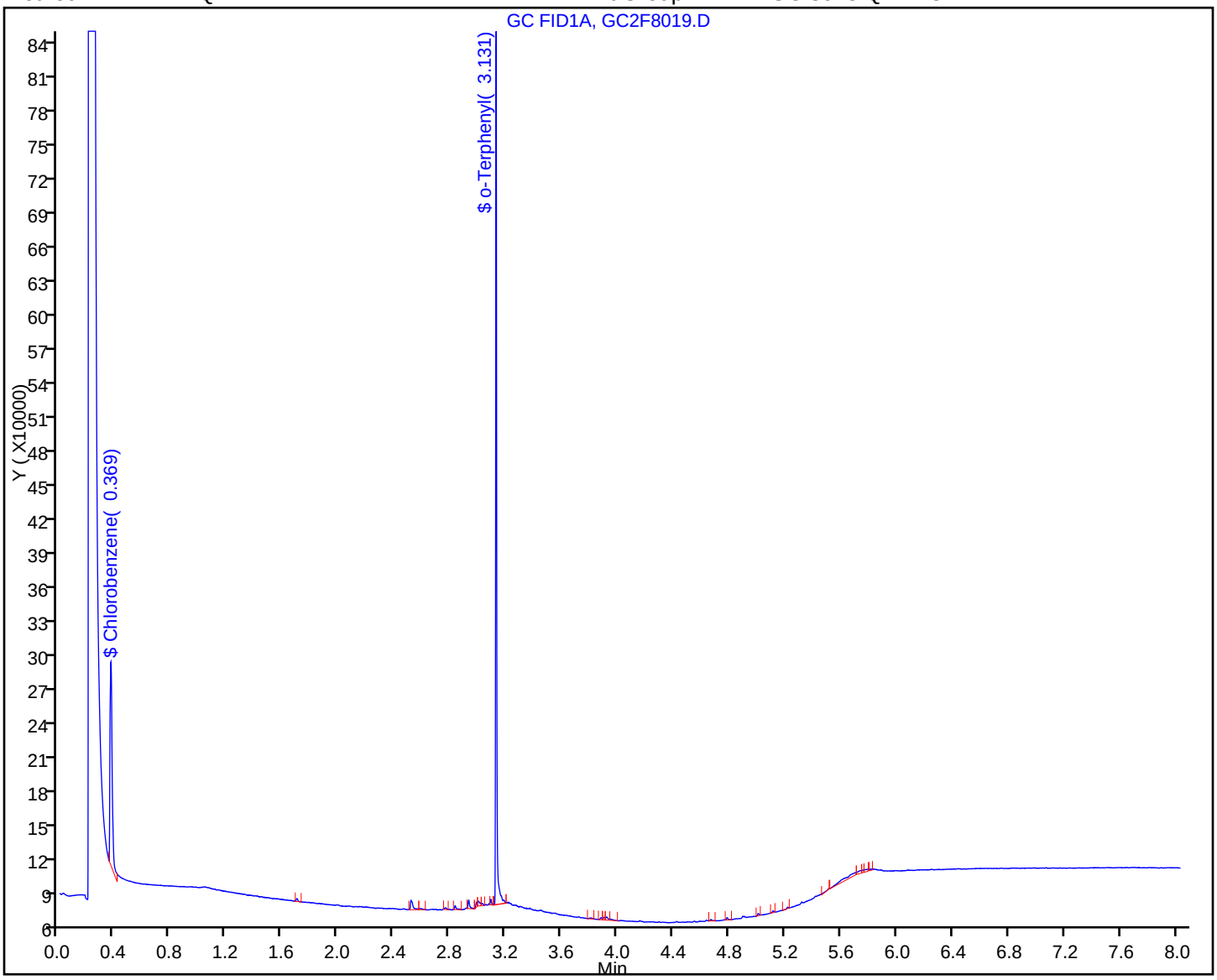
First Level Reviewer: nimerd Date: 12-Nov-2015 11:21:57

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$ 5 Chlorobenzene					
0.369	0.369	0.000	193283	10.9	
$ 4 o-Terphenyl					
3.131	3.132	-0.001	390683	11.6	

Report Date: 12-Nov-2015 11:29:10 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8019.D				
Injection Date:	12-Nov-2015 10:59:41	Instrument ID:	CBNAGC2		
Lims ID:	460-104194-G-20-A	Lab Sample ID:	460-104194-20		
Client ID:	DUP-2015_11_06_01				
Operator ID:	615	ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PMP-28_NW2_WT | Lab Sample ID: 460-104194-22

Matrix: Solid | Lab File ID: GC2F8020.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/06/2015 09:35

Extraction Method: 3546 | Date Extracted: 11/11/2015 13:36

Sample wt/vol: 15.0154(g) | Date Analyzed: 11/12/2015 11:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 2.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334844 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	22		5.6	5.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	78		23-104
108-90-7	Chlorobenzene	63		22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8020.D
Lims ID: 460-104194-F-22-B Lab Sample ID: 460-104194-22
Client ID: PMP-28_NW2_WT
Sample Type: Client
Inject. Date: 12-Nov-2015 11:11:34 ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034146-021
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 12-Nov-2015 11:29:02 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK037

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.367	0.369	-0.002	225456	12.7	
A	3 C8-C40					
	2.794	(0.282-5.306)		7336095	316.9	k
$	4 o-Terphenyl					
	3.131	3.132	-0.001	523713	15.6	

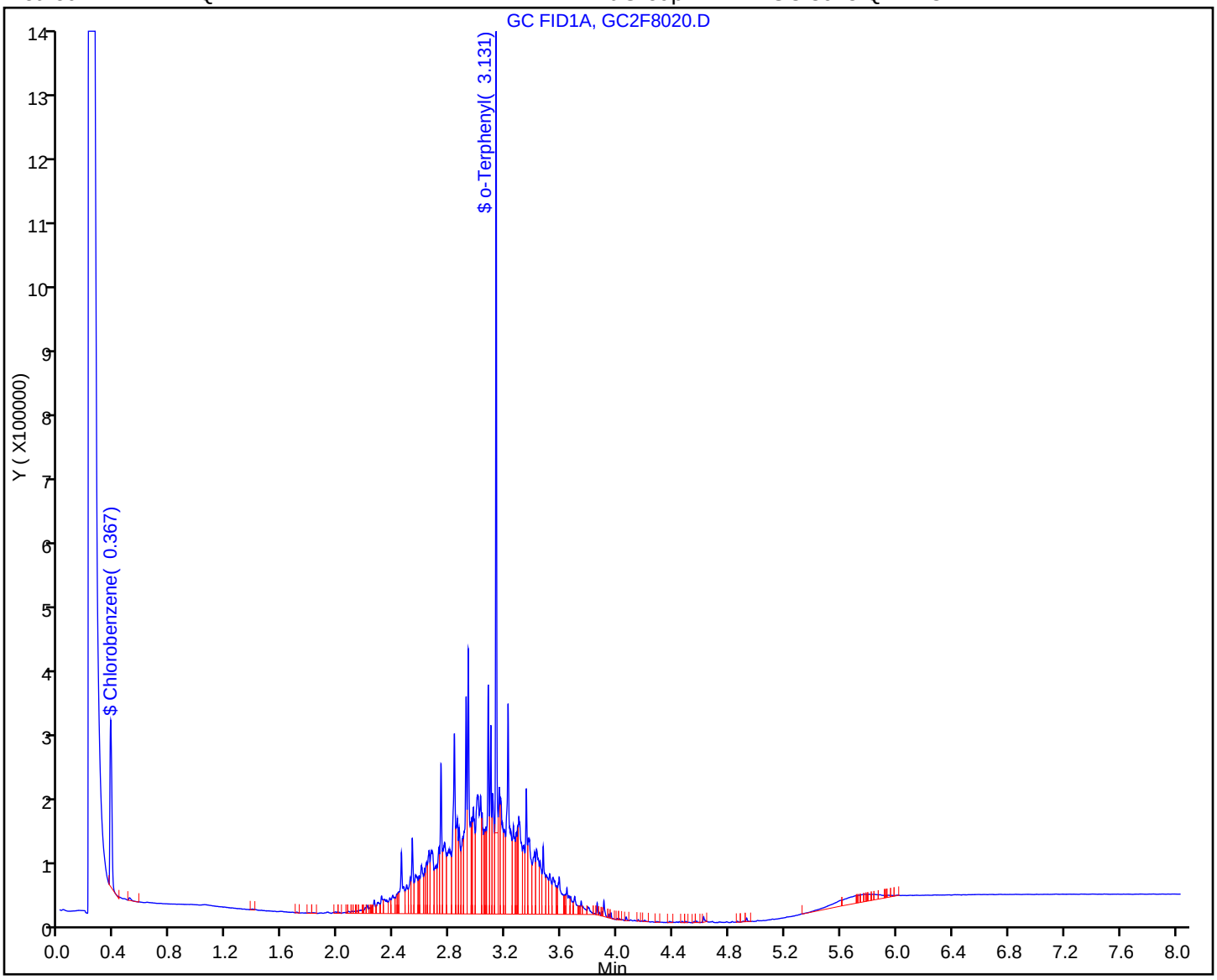
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 12-Nov-2015 11:29:11 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8020.D				
Injection Date:	12-Nov-2015 11:11:34	Instrument ID:	CBNAGC2		
Lims ID:	460-104194-F-22-B	Lab Sample ID:	460-104194-22		
Client ID:	PMP-28_NW2_WT				
Operator ID:	615	ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: FB-20151106 | Lab Sample ID: 460-104194-23

Matrix: Water | Lab File ID: GC2F8024.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/06/2015 13:50

Extraction Method: 3510C | Date Extracted: 11/12/2015 07:51

Sample wt/vol: 980(mL) | Date Analyzed: 11/12/2015 11:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334844 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.084	U	0.084	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	70		28-121
108-90-7	Chlorobenzene	67		26-98

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8024.D
Lims ID: 460-104194-H-23-A Lab Sample ID: 460-104194-23
Client ID: FB-20151106
Sample Type: Client
Inject. Date: 12-Nov-2015 11:59:23 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034146-025
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 12-Nov-2015 11:29:02 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK037

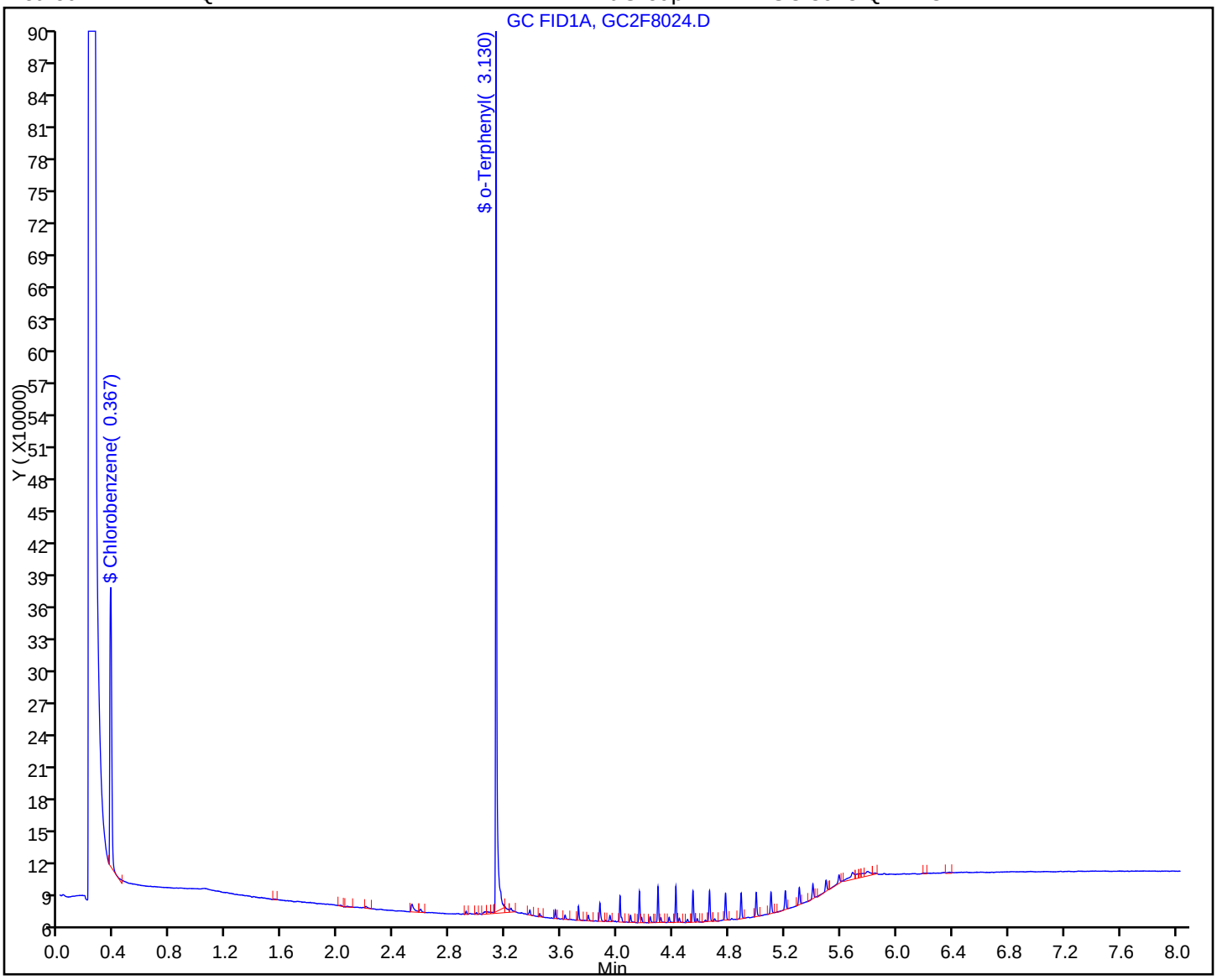
First Level Reviewer: nimerd Date: 12-Nov-2015 11:22:17

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$ 5 Chlorobenzene					
0.367	0.369	-0.002	239166	13.4	
$ 4 o-Terphenyl					
3.130	3.132	-0.002	471190	14.0	

Report Date: 12-Nov-2015 11:29:17 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8024.D				
Injection Date:	12-Nov-2015 11:59:23	Instrument ID:	CBNAGC2		
Lims ID:	460-104194-H-23-A	Lab Sample ID:	460-104194-23		
Client ID:	FB-20151106				
Operator ID:	615	ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 321645

SDG No.:

Instrument ID: CBNAGC2 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2015 08:32 Calibration End Date: 09/10/2015 09:20 Calibration ID: 52187

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-321645/3	GC2F6866.D
Level 2	STD2 460-321645/4	GC2F6867.D
Level 3	STD3 460-321645/5	GC2F6868.D
Level 4	STD4 460-321645/6	GC2F6869.D
Level 5	STD5 460-321645/7	GC2F6870.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Total Petroleum Hydrocarbons (C8-C40)	2.849	2.849	2.849	2.849	2.849						0.312 - 5.386	2.849
Chlorobenzene	0.405	0.407	0.406	0.406	0.405						0.356 - 0.456	0.406
o-Terphenyl	3.220	3.220	3.219	3.219	3.219						3.169 - 3.269	3.219

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 321645

SDG No.:

Instrument ID: CBNAGC2 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2015 08:32 Calibration End Date: 09/10/2015 09:20 Calibration ID: 52187

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-321645/3	GC2F6866.D
Level 2	STD2 460-321645/4	GC2F6867.D
Level 3	STD3 460-321645/5	GC2F6868.D
Level 4	STD4 460-321645/6	GC2F6869.D
Level 5	STD5 460-321645/7	GC2F6870.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
Total Petroleum Hydrocarbons (C8-C40)	19584 20019	26025	24977	25141	Ave		23149.4384				13.3		20.0			
Chlorobenzene	16276 15539	19514	18672	18951	Ave		17790.4480				9.9		20.0			
o-Terphenyl	36164 27223	36625	34477	33868	Ave		33671.3600				11.2		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104194-1 Analy Batch No.: 321645

SDG No.:

Instrument ID: CBNAGC2 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2015 08:32 Calibration End Date: 09/10/2015 09:20 Calibration ID: 52187

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-321645/3	GC2F6866.D
Level 2	STD2 460-321645/4	GC2F6867.D
Level 3	STD3 460-321645/5	GC2F6868.D
Level 4	STD4 460-321645/6	GC2F6869.D
Level 5	STD5 460-321645/7	GC2F6870.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Total Petroleum Hydrocarbons (C8-C40)	Ave	1612185	10712053	20560902	51740805	82399542	82.3	412	823	2058	4116
Chlorobenzene	Ave	4069	24392	46680	118445	194243	0.250	1.25	2.50	6.25	12.5
o-Terphenyl	Ave	9041	45781	86192	211675	340290	0.250	1.25	2.50	6.25	12.5

Curve Type Legend:
Ave = Average

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6866.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 10-Sep-2015 08:32:53 ALS Bottle#: 6 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: STD1
Operator ID: 615 Instrument ID: CBNAGC2
Sublist: chrom-QAM2F*sub1

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 10-Sep-2015 09:52:54 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK015

First Level Reviewer: nimerd Date: 10-Sep-2015 09:22:30

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Octane						
	0.362	0.362	0.000	107327	NC	NC	
$	5 Chlorobenzene						M
	0.405	0.406	-0.001	4069	0.2500	0.2287	M
A	3 C8-C40						
	2.849	(0.312-5.386)		1612185	82.3	69.6	k
$	4 o-Terphenyl						
	3.220	3.219	0.001	9041	0.2500	0.2685	
	2 C40						
	5.287	5.286	0.001	1644	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated
k - Response Background Subtracted
Review Flags
M - Manually Integrated

Reagents:

SGQAML1_00020 Amount Added: 1.00 Units: mL

Report Date: 10-Sep-2015 09:52:54 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6866.D

Injection Date: 10-Sep-2015 08:32:53 Instrument ID: CBNAGC2

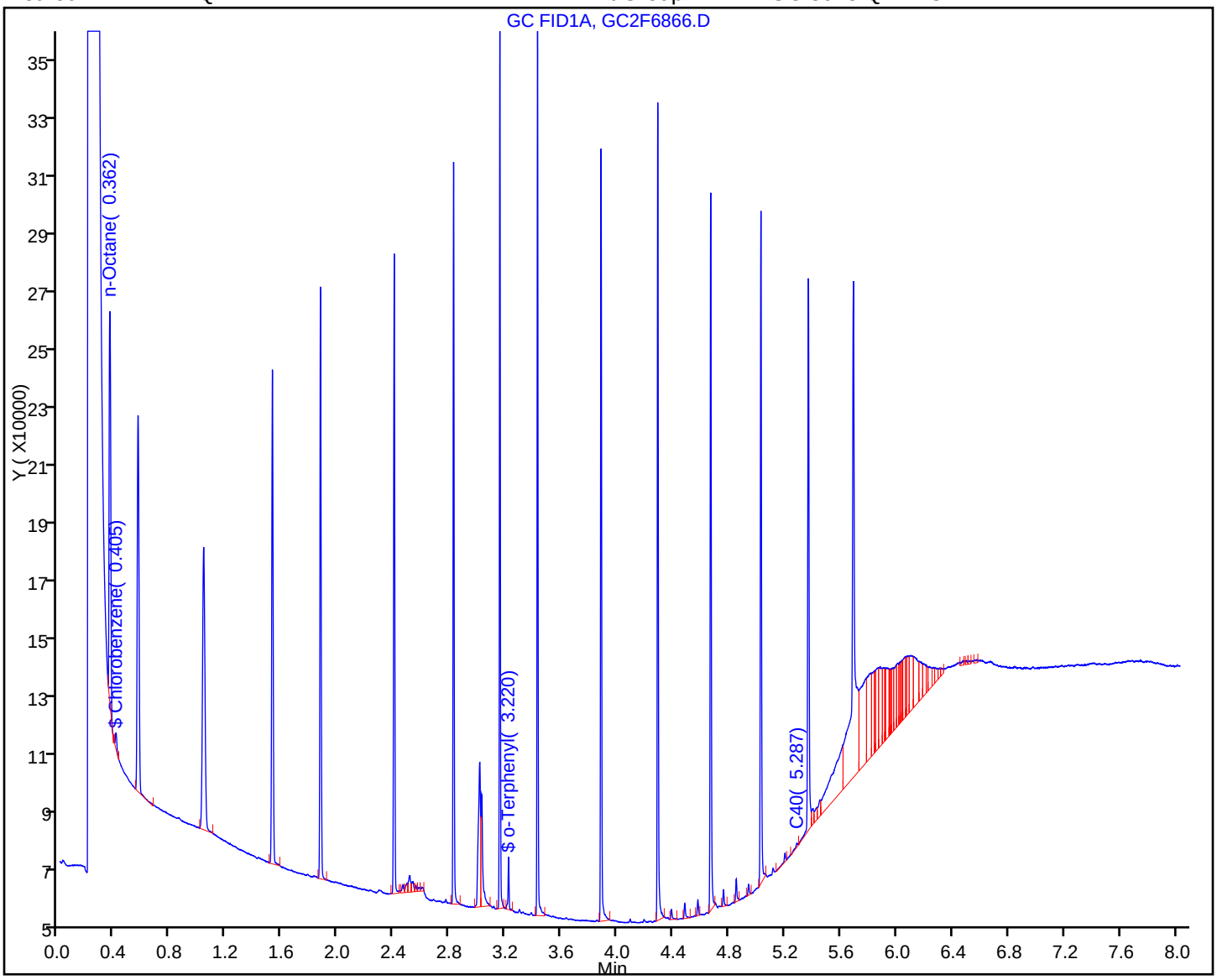
Lims ID: STD1

Client ID:

Operator ID: 615 ALS Bottle#: 6 Worklist Smp#: 3

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6867.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 10-Sep-2015 08:44:46 ALS Bottle#: 7 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: STD2
Operator ID: 615 Instrument ID: CBNAGC2
Sublist: chrom-QAM2F*sub1

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 10-Sep-2015 09:52:54 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK015

First Level Reviewer: nimerd Date: 10-Sep-2015 09:22:47

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Octane						
	0.362	0.362	0.000	648481	NC	NC	
$	5 Chlorobenzene						M
	0.407	0.406	0.001	24392	1.25	1.37	M
A	3 C8-C40						
	2.849	(0.312-5.386)		10712053	411.6	462.7	k
$	4 o-Terphenyl						
	3.220	3.219	0.001	45781	1.25	1.36	
	2 C40						
	5.309	5.286	0.023	779668	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated
k - Response Background Subtracted
Review Flags
M - Manually Integrated

Reagents:

SGQAML2_00020 Amount Added: 1.00 Units: mL

Report Date: 10-Sep-2015 09:52:54 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6867.D

Injection Date: 10-Sep-2015 08:44:46 Instrument ID: CBNAGC2

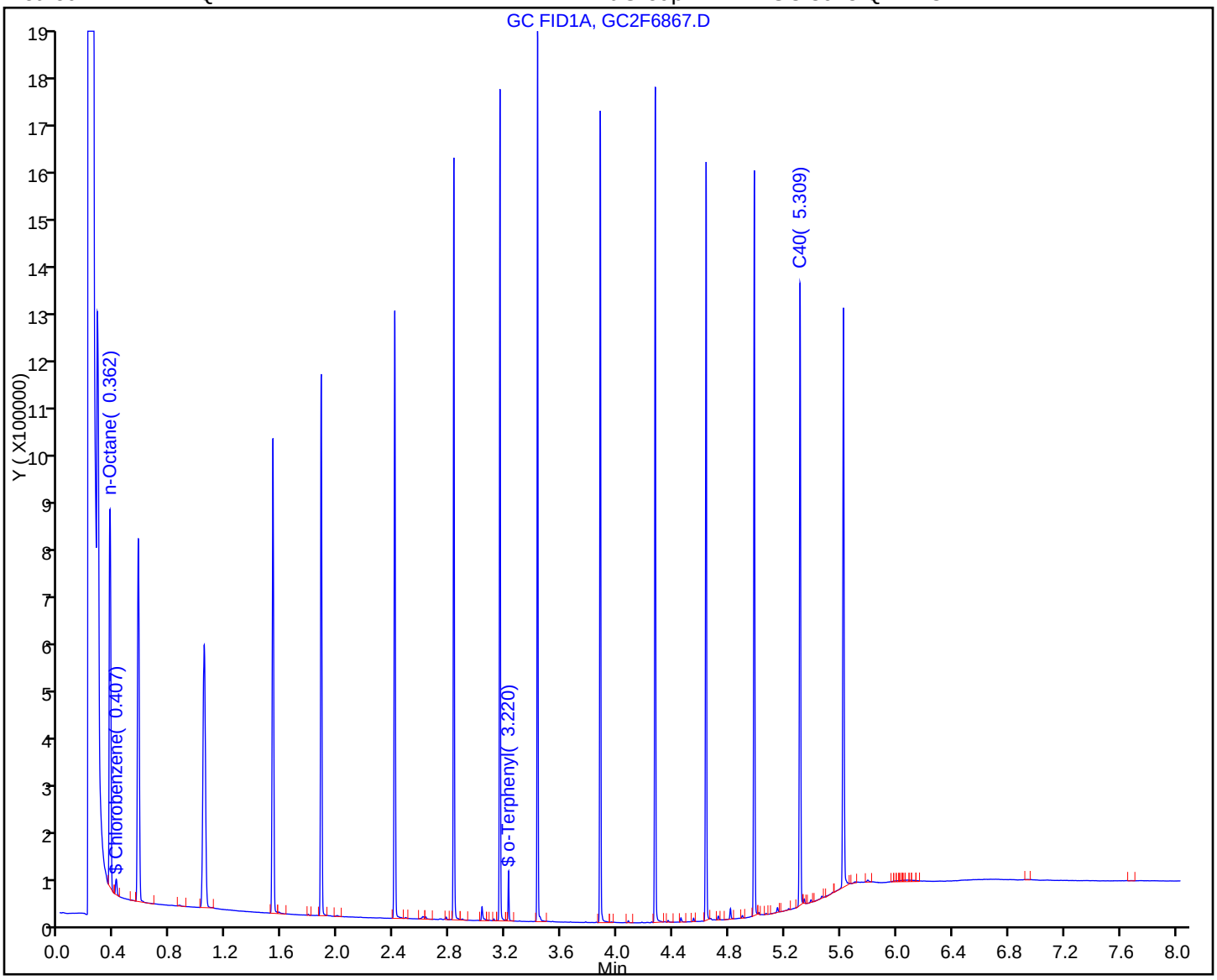
Lims ID: STD2

Client ID:

Operator ID: 615 ALS Bottle#: 7 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6868.D
Lims ID: STD3
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 10-Sep-2015 08:56:39 ALS Bottle#: 8 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: STD3
Operator ID: 615 Instrument ID: CBNAGC2
Sublist: chrom-QAM2F*sub1

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 10-Sep-2015 09:52:55 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK015

First Level Reviewer: nimerd Date: 10-Sep-2015 09:23:00

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1	n-Octane						
	0.362	0.362	0.000	1245746	NC	NC	
$	5 Chlorobenzene						M
	0.406	0.406	0.000	46680	2.50	2.62	M
A	3 C8-C40						
	2.849	(0.312-5.386)		20560902	823.2	888.2	k
$	4 o-Terphenyl						
	3.219	3.219	0.000	86192	2.50	2.56	
2	C40						
	5.285	5.286	-0.001	1489722	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated
k - Response Background Subtracted
Review Flags
M - Manually Integrated

Reagents:

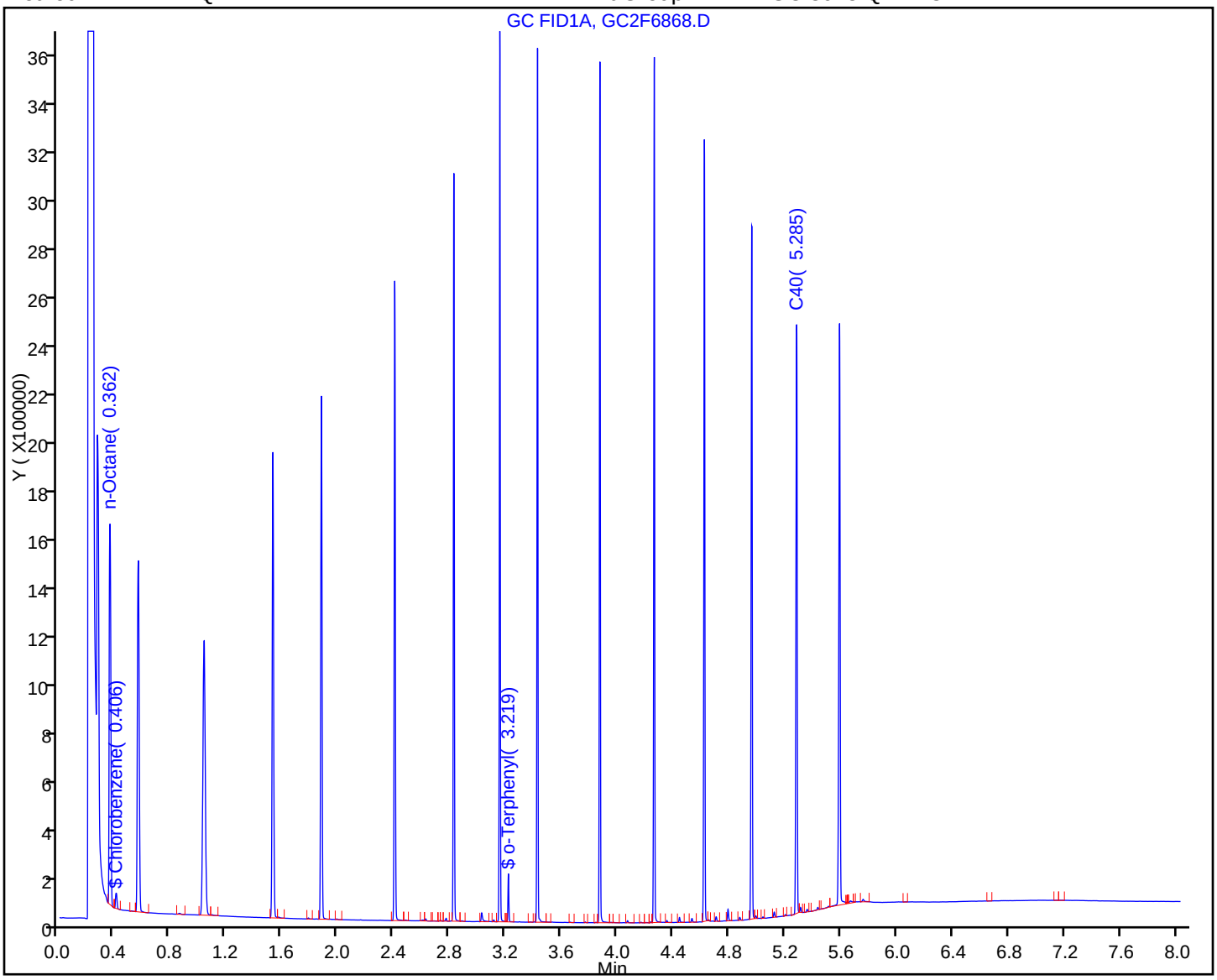
SGQAML3_00021 Amount Added: 1.00 Units: mL

Report Date: 10-Sep-2015 09:52:55 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6868.D

Injection Date:	10-Sep-2015 08:56:39	Instrument ID:	CBNAGC2		
Lims ID:	STD3				
Client ID:					
Operator ID:	615	ALS Bottle#:	8	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6869.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 10-Sep-2015 09:08:42 ALS Bottle#: 9 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: STD4
Operator ID: 615 Instrument ID: CBNAGC2
Sublist: chrom-QAM2F*sub1

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 10-Sep-2015 09:52:55 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK015

First Level Reviewer: nimerd Date: 10-Sep-2015 09:22:03

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1	n-Octane						
	0.362	0.362	0.000	3149688	NC	NC	
$	5 Chlorobenzene						
	0.406	0.406	0.000	118445	6.25	6.66	
A	3 C8-C40						
	2.849	(0.312-5.386)		51740805	2058.0	2235.1	k
$	4 o-Terphenyl						
	3.219	3.219	0.000	211675	6.25	6.29	
2	C40						
	5.286	5.286	0.000	3787505	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated
k - Response Background Subtracted

Reagents:

SGQAML4_00021 Amount Added: 1.00 Units: mL

Report Date: 10-Sep-2015 09:52:55 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6869.D

Injection Date: 10-Sep-2015 09:08:42 Instrument ID: CBNAGC2

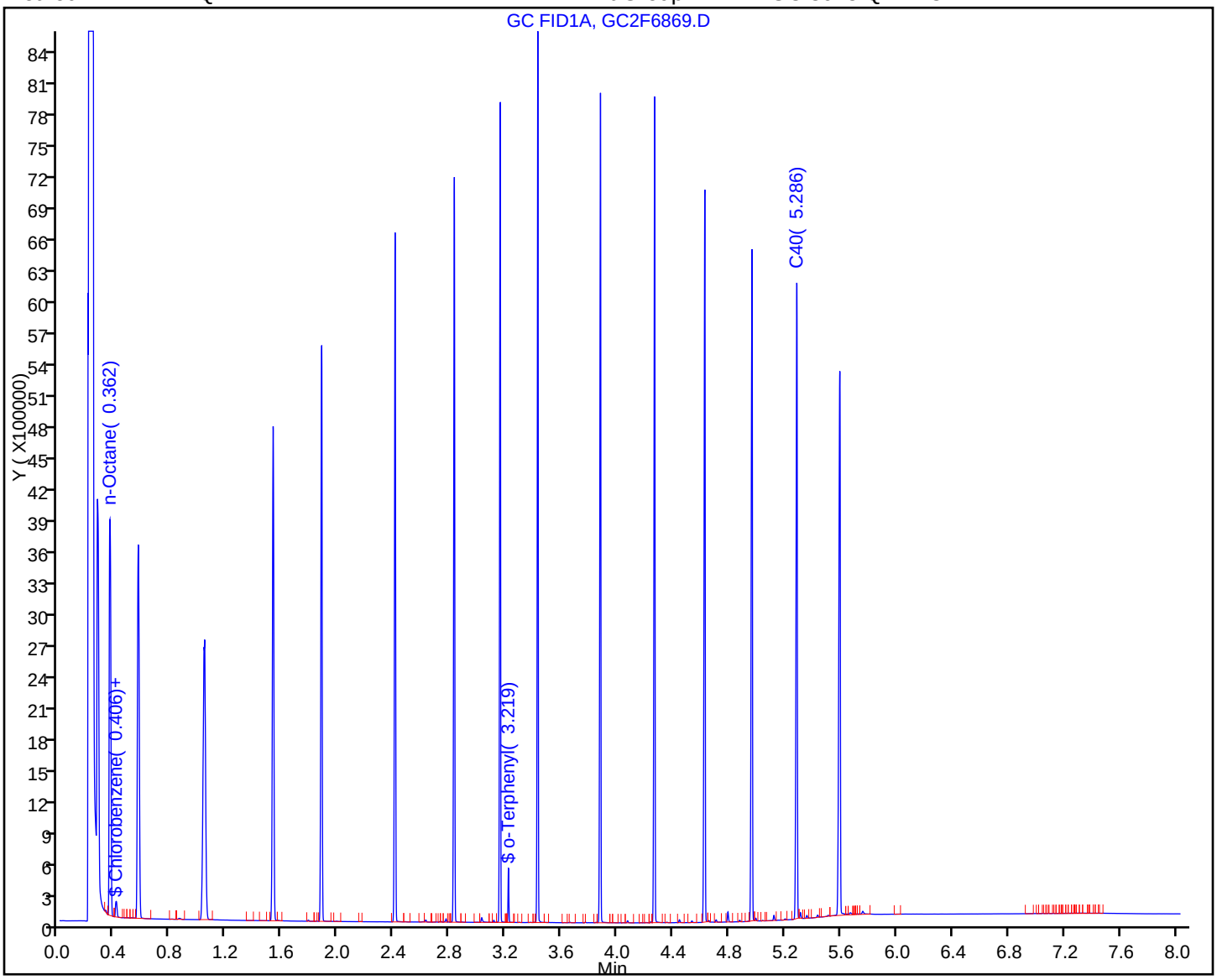
Lims ID: STD4

Client ID:

Operator ID: 615 ALS Bottle#: 9 Worklist Smp#: 6

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 10-Sep-2015 09:20:35 ALS Bottle#: 10 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: STD5
Operator ID: 615 Instrument ID: CBNAGC2
Sublist: chrom-QAM2F*sub1

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 10-Sep-2015 09:52:56 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK015

First Level Reviewer: nimerd Date: 10-Sep-2015 09:37:06

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Octane						
	0.362	0.362	0.000	5145619	NC	NC	
$	5 Chlorobenzene						
	0.405	0.406	-0.001	194243	12.5	10.9	
A	3 C8-C40						
	2.849	(0.312-5.386)		82399542	4116.0	3559.5	k
$	4 o-Terphenyl						
	3.219	3.219	0.000	340290	12.5	10.1	
	2 C40						
	5.293	5.286	0.007	5919762	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated
k - Response Background Subtracted

Reagents:

SGQAML5_00023 Amount Added: 1.00 Units: mL

Report Date: 10-Sep-2015 09:52:56 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Injection Date: 10-Sep-2015 09:20:35 Instrument ID: CBNAGC2

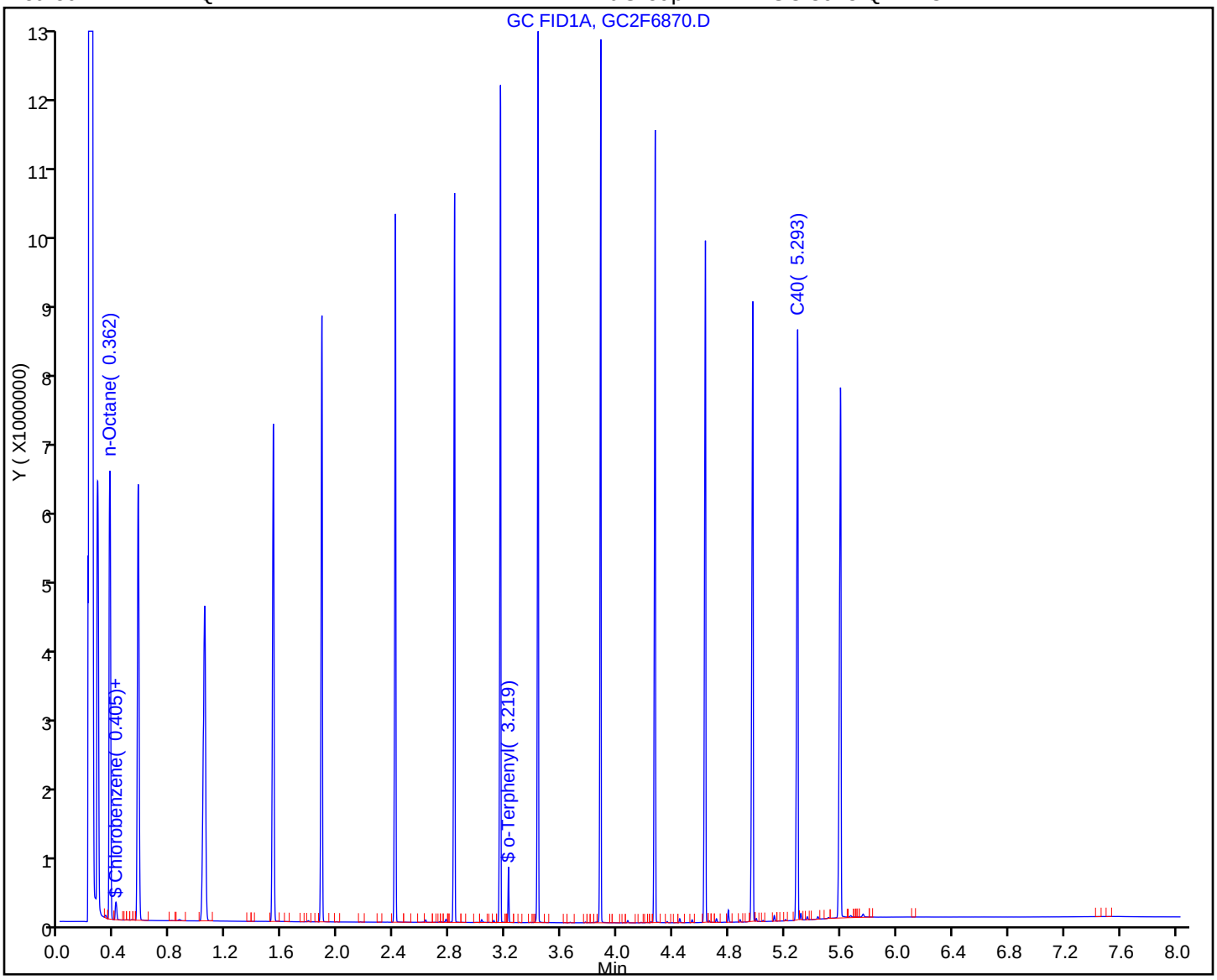
Lims ID: STD5

Client ID:

Operator ID: 615 ALS Bottle#: 10 Worklist Smp#: 7

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334844/3 Calibration Date: 11/12/2015 07:35

Instrument ID: CBNAGC2 Calib Start Date: 09/10/2015 08:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/10/2015 09:20

Lab File ID: GC2F8002.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	23149	21360		1900	2060	-7.7	15.0
Chlorobenzene	Ave	17790	15434		5.42	6.25	-13.2	15.0
o-Terphenyl	Ave	33671	30067		5.58	6.25	-10.7	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334844/3 Calibration Date: 11/12/2015 07:35

Instrument ID: CBNAGC2 Calib Start Date: 09/10/2015 08:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/10/2015 09:20

Lab File ID: GC2F8002.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	2.79	0.28	5.31
Chlorobenzene	0.37	0.32	0.42
o-Terphenyl	3.13	3.08	3.18

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8002.D
Lims ID: ccv
Client ID:
Sample Type: CCV
Inject. Date: 12-Nov-2015 07:35:41 ALS Bottle#: 5 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034146-003
Operator ID: 615 Instrument ID: CBNAGC2
Sublist: chrom-QAM2F*sub1

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 12-Nov-2015 11:28:44 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK037

First Level Reviewer: nimerd Date: 12-Nov-2015 06:53:35

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1	n-Octane						
	0.332	0.332	0.000	2703167	NC	NC	
$	5 Chlorobenzene						
	0.369	0.369	0.000	96460	6.25	5.42	
A	3 C8-C40						
	2.794	(0.282-5.306)		43958325	2058.0	1898.9	k
$	4 o-Terphenyl						
	3.132	3.132	0.000	187918	6.25	5.58	
2	C40						
	5.206	5.206	0.000	3124457	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated
k - Response Background Subtracted

Reagents:

SGQAML4_00022 Amount Added: 1.00 Units: mL

Report Date: 12-Nov-2015 11:28:45 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8002.D

Injection Date: 12-Nov-2015 07:35:41 Instrument ID: CBNAGC2

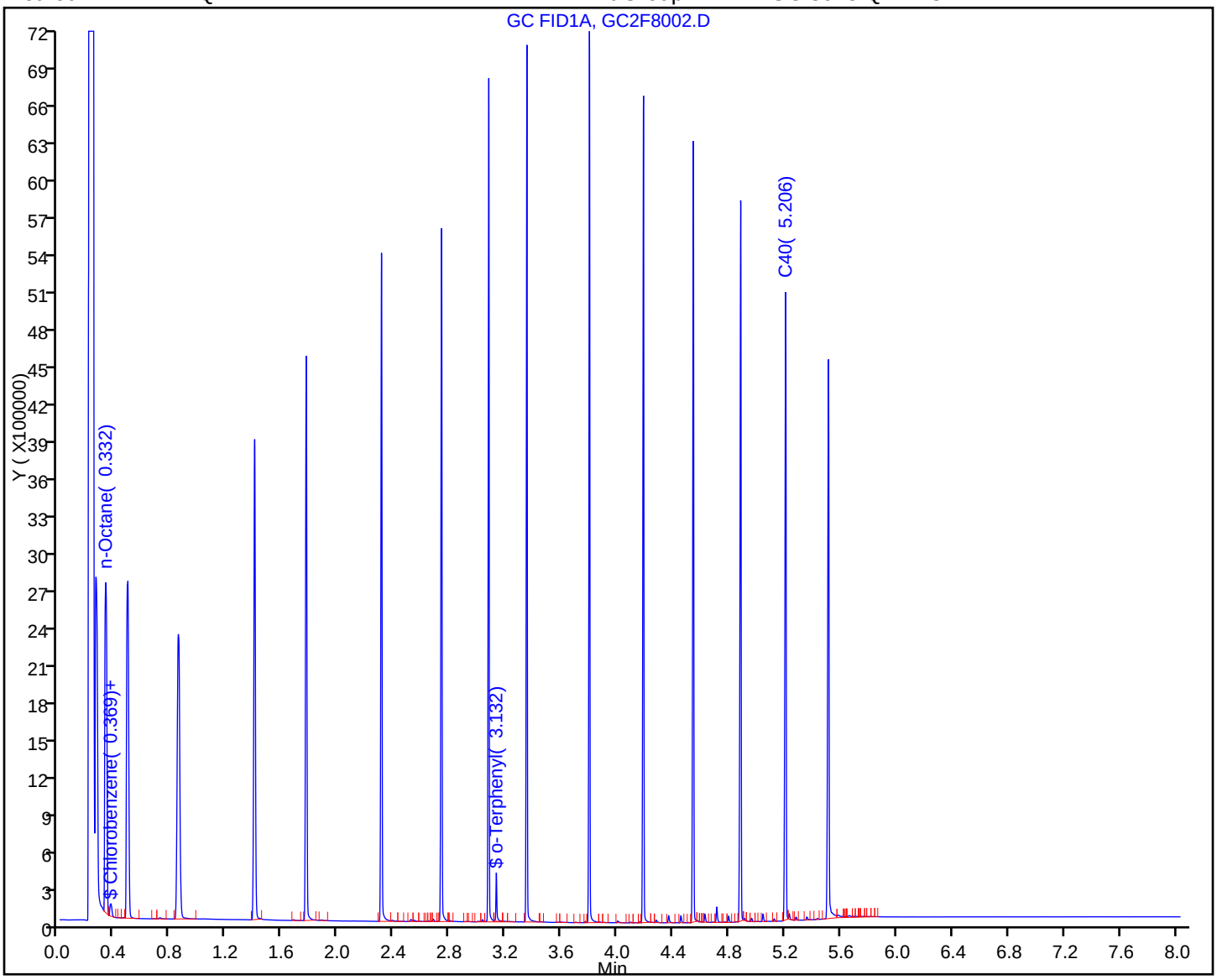
Lims ID: ccv

Client ID:

Operator ID: 615 ALS Bottle#: 5 Worklist Smp#: 3

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334844/15 Calibration Date: 11/12/2015 09:59

Instrument ID: CBNAGC2 Calib Start Date: 09/10/2015 08:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/10/2015 09:20

Lab File ID: GC2F8014.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	23149	25461		2260	2060	10.0	15.0
Chlorobenzene	Ave	17790	17760		6.24	6.25	-0.2	15.0
o-Terphenyl	Ave	33671	33742		6.26	6.25	0.2	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334844/15 Calibration Date: 11/12/2015 09:59

Instrument ID: CBNAGC2 Calib Start Date: 09/10/2015 08:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/10/2015 09:20

Lab File ID: GC2F8014.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	2.79	0.28	5.31
Chlorobenzene	0.37	0.32	0.42
o-Terphenyl	3.13	3.08	3.18

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8014.D
Lims ID: ccv
Client ID:
Sample Type: CCV
Inject. Date: 12-Nov-2015 09:59:40 ALS Bottle#: 5 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034146-015
Operator ID: 615 Instrument ID: CBNAGC2
Sublist: chrom-QAM2F*sub1

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 12-Nov-2015 11:29:02 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK037

First Level Reviewer: nimerd Date: 12-Nov-2015 09:13:34

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1	n-Octane						
	0.330	0.332	-0.002	3025115	NC	NC	
$	5 Chlorobenzene						
	0.367	0.369	-0.002	111001	6.25	6.24	
A	3 C8-C40						
	2.794	(0.282-5.306)		52398937	2058.0	2263.5	k
$	4 o-Terphenyl						
	3.131	3.132	-0.001	210886	6.25	6.26	
2	C40						
	5.207	5.206	0.001	3821250	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated
k - Response Background Subtracted

Reagents:

SGQAML4_00022 Amount Added: 1.00 Units: mL

Report Date: 12-Nov-2015 11:29:02 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8014.D

Injection Date: 12-Nov-2015 09:59:40 Instrument ID: CBNAGC2

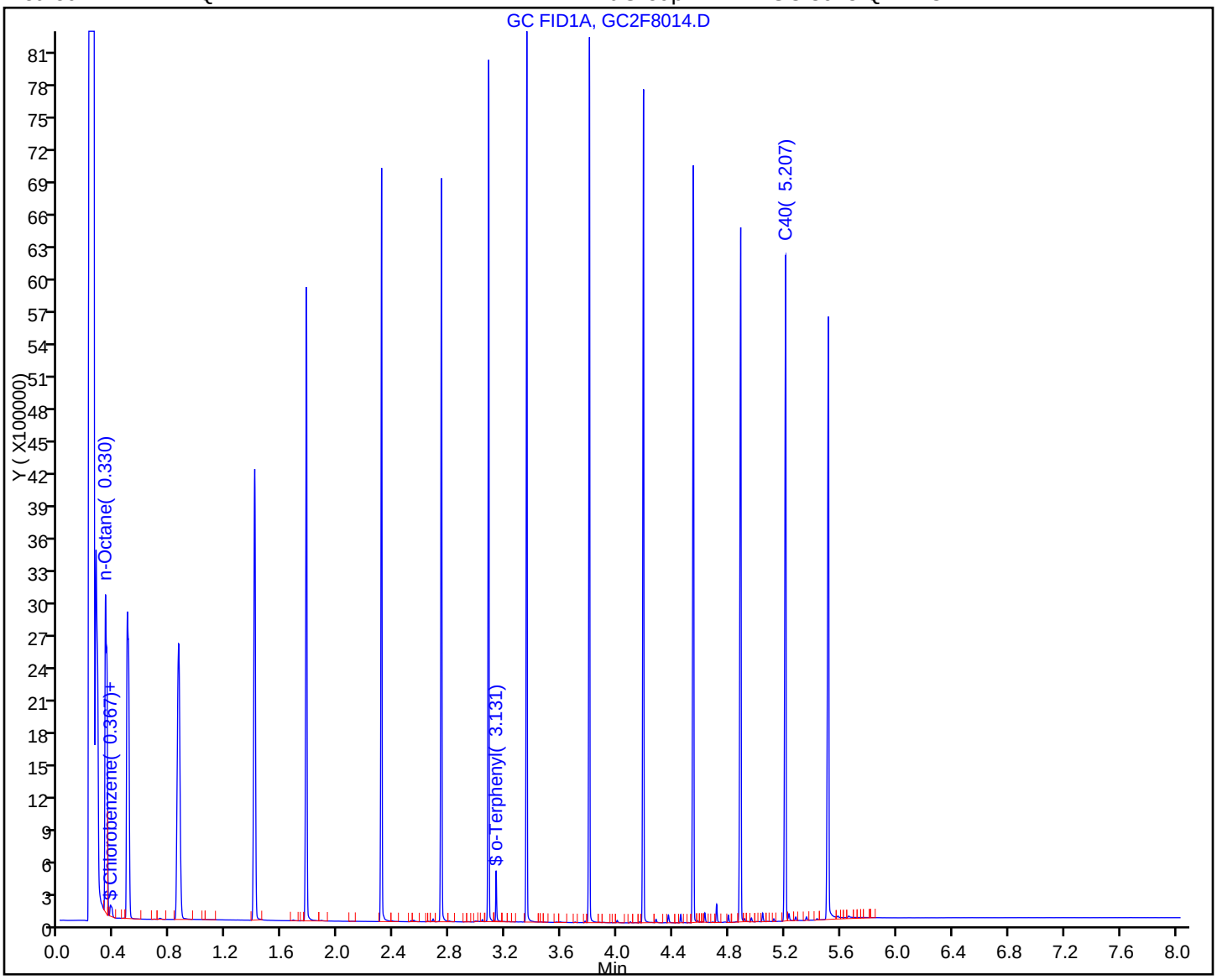
Lims ID: ccv

Client ID:

Operator ID: 615 ALS Bottle#: 5 Worklist Smp#: 15

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334844/27 Calibration Date: 11/12/2015 12:23

Instrument ID: CBNAGC2 Calib Start Date: 09/10/2015 08:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/10/2015 09:20

Lab File ID: GC2F8026.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Total Petroleum Hydrocarbons (C8-C40)	Ave	23149	26088		2320	2060	12.7	15.0
Chlorobenzene	Ave	17790	18211		6.40	6.25	2.4	15.0
o-Terphenyl	Ave	33671	34532		6.41	6.25	2.6	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Lab Sample ID: CCV 460-334844/27 Calibration Date: 11/12/2015 12:23

Instrument ID: CBNAGC2 Calib Start Date: 09/10/2015 08:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/10/2015 09:20

Lab File ID: GC2F8026.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	2.79	0.28	5.31
Chlorobenzene	0.37	0.32	0.42
o-Terphenyl	3.13	3.08	3.18

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8026.D
Lims ID: ccv
Client ID:
Sample Type: CCV
Inject. Date: 12-Nov-2015 12:23:15 ALS Bottle#: 5 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034146-027
Operator ID: 615 Instrument ID: CBNAGC2
Sublist: chrom-QAM2F*sub1

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 12-Nov-2015 11:35:02 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK037

First Level Reviewer: nimerd Date: 12-Nov-2015 11:35:02

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1	n-Octane						
	0.333	0.332	0.001	3205047	NC	NC	
$	5 Chlorobenzene						
	0.368	0.369	-0.001	113819	6.25	6.40	
A	3 C8-C40						
	2.794	(0.282-5.306)		53689825	2058.0	2319.3	k
$	4 o-Terphenyl						
	3.131	3.132	-0.001	215828	6.25	6.41	
2	C40						
	5.226	5.206	0.020	3870563	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated
k - Response Background Subtracted

Reagents:

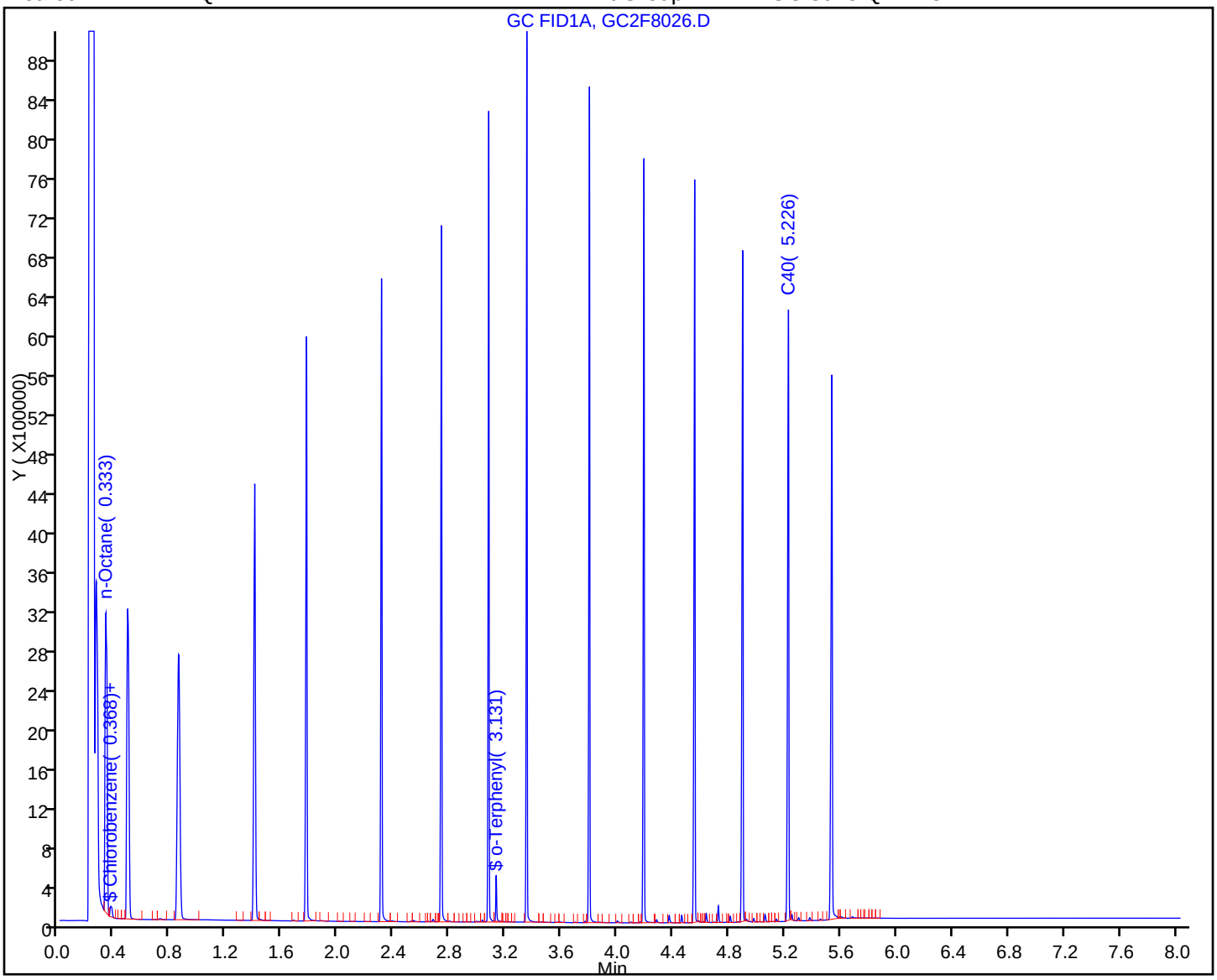
SGQAML4_00022 Amount Added: 1.00 Units: mL

Report Date: 12-Nov-2015 11:35:03 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8026.D

Injection Date:	12-Nov-2015 12:23:15	Instrument ID:	CBNAGC2		
Lims ID:	ccv				
Client ID:					
Operator ID:	615	ALS Bottle#:	5	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334700/1-A

Matrix: Solid | Lab File ID: GC2F8003.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected:

Extraction Method: 3546 | Date Extracted: 11/11/2015 13:36

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/12/2015 07:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334844 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	87		23-104
108-90-7	Chlorobenzene	82		22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8003.D
Lims ID: MB 460-334700/1-A
Client ID:
Sample Type: MB
Inject. Date: 12-Nov-2015 07:47:43 ALS Bottle#: 6 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034146-004
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 12-Nov-2015 11:28:44 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK037

First Level Reviewer: nimerd Date: 12-Nov-2015 11:20:54

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene						
	0.368	0.369	-0.001	292895	20.0	16.5	
$	4 o-Terphenyl						
	3.131	3.132	-0.001	587604	20.0	17.5	

Report Date: 12-Nov-2015 11:28:46 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8003.D

Injection Date: 12-Nov-2015 07:47:43 Instrument ID: CBNAGC2

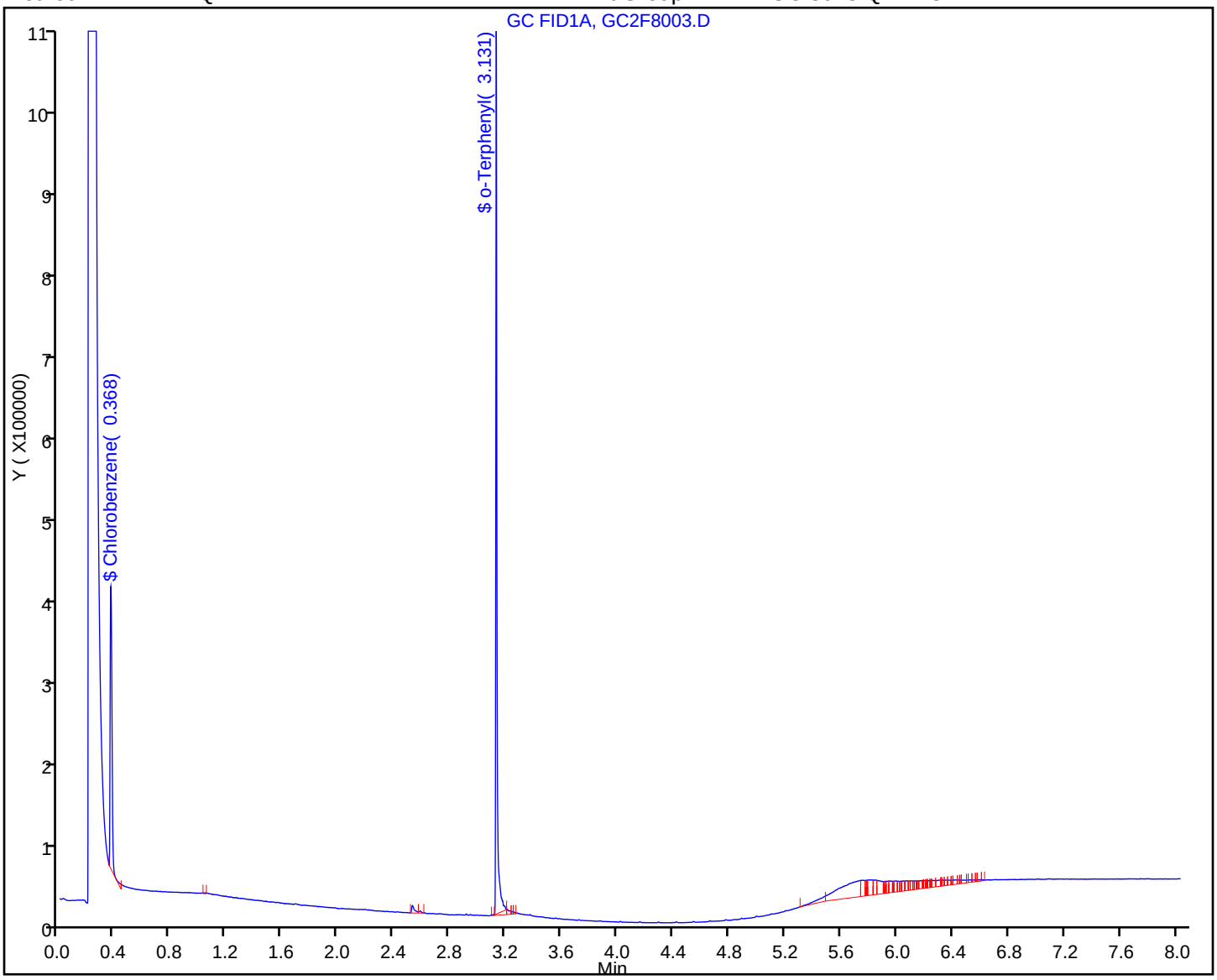
Lims ID: MB 460-334700/1-A

Client ID:

Operator ID: 615 ALS Bottle#: 6 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334886/1-A

Matrix: Water | Lab File ID: GC2F8021.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected:

Extraction Method: 3510C | Date Extracted: 11/12/2015 07:51

Sample wt/vol: 1000(mL) | Date Analyzed: 11/12/2015 11:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334844 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.082	U	0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	62		28-121
108-90-7	Chlorobenzene	62		26-98

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8021.D
Lims ID: MB 460-334886/1-A
Client ID:
Sample Type: MB
Inject. Date: 12-Nov-2015 11:23:33 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034146-022
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 12-Nov-2015 11:29:02 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK037

First Level Reviewer: nimerd Date: 12-Nov-2015 11:22:06

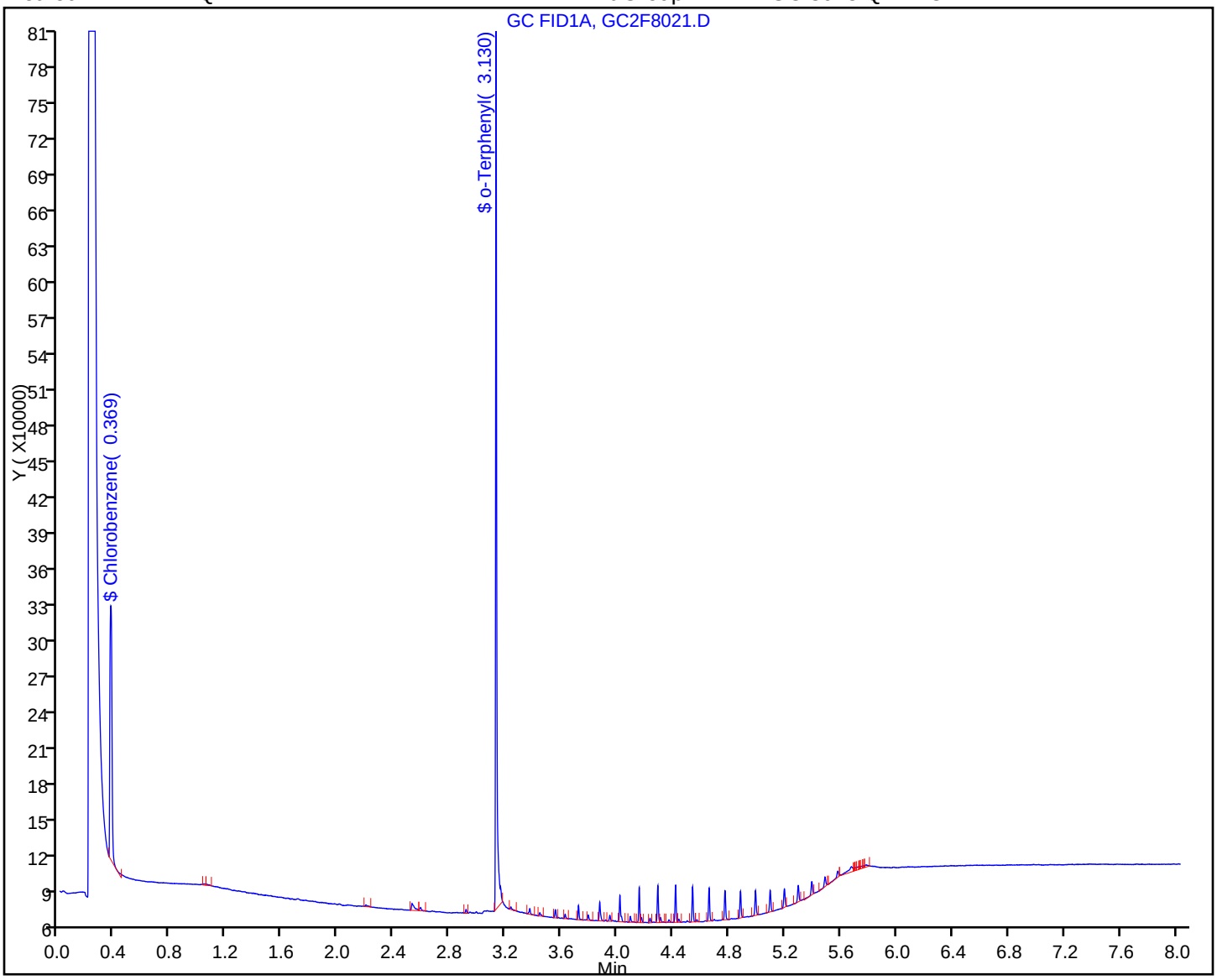
	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene						
	0.369	0.369	0.000	219895	20.0	12.4	
$	4 o-Terphenyl						
	3.130	3.132	-0.002	415940	20.0	12.4	

Report Date: 12-Nov-2015 11:29:13 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8021.D

Injection Date:	12-Nov-2015 11:23:33	Instrument ID:	CBNAGC2		
Lims ID:	MB 460-334886/1-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-334844/2

Matrix: Solid | Lab File ID: GC2F8001.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/12/2015 07:23

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334844 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.082	U	0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	92		23-104
108-90-7	Chlorobenzene	93		22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8001.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 12-Nov-2015 07:23:39 ALS Bottle#: 4 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: PIBLK
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 12-Nov-2015 11:28:42 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK037

First Level Reviewer: nimerd Date: 12-Nov-2015 06:34:20

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene						
	0.369	0.369	0.000	102608	6.20	5.77	
$	4 o-Terphenyl						M
	3.135	3.132	0.003	191727	6.20	5.69	M

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

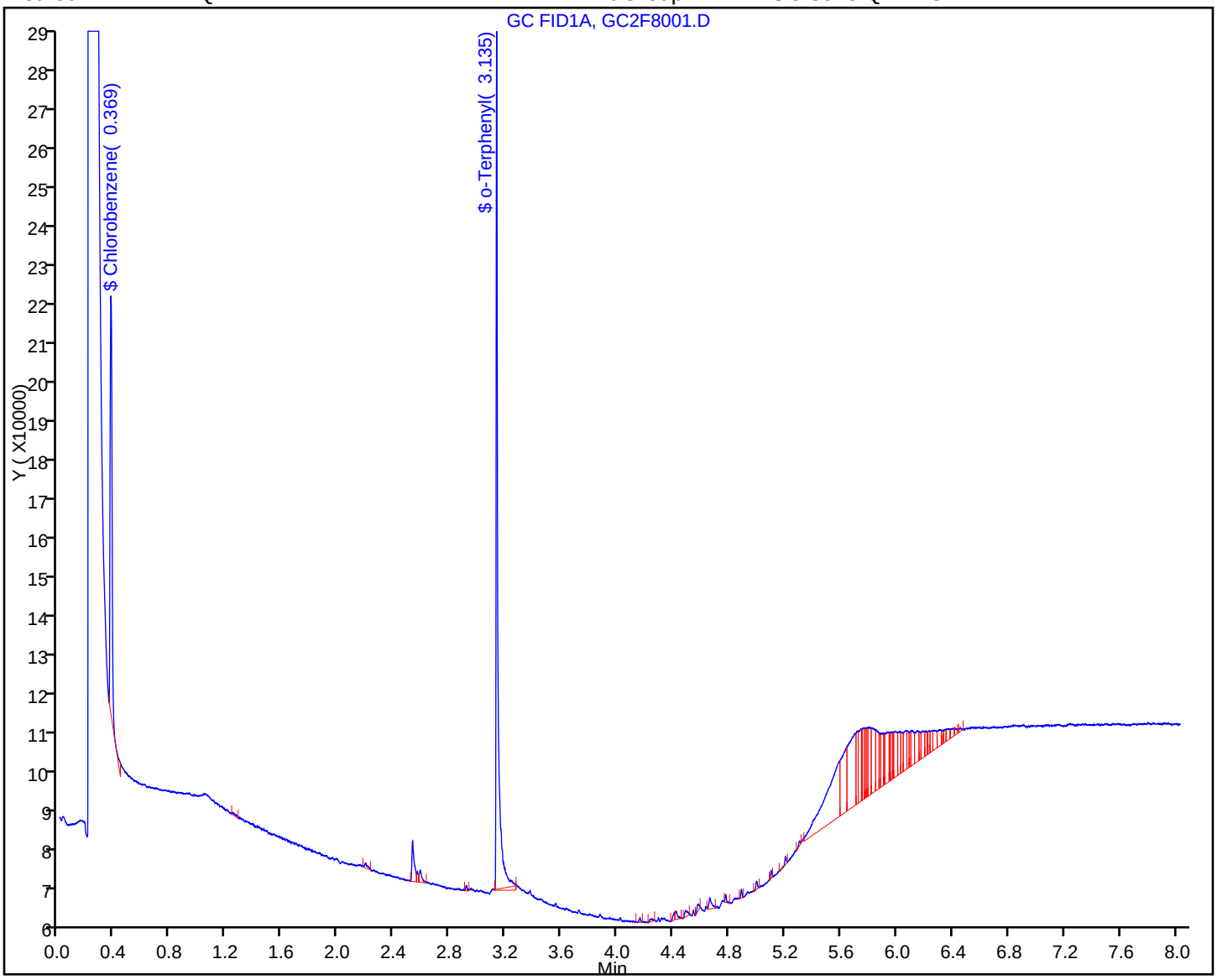
SGPIBLKQAM_00007 Amount Added: 1.00 Units: mL

Report Date: 12-Nov-2015 11:28:44 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8001.D

Injection Date:	12-Nov-2015 07:23:39	Instrument ID:	CBNAGC2		
Lims ID:	PIBLK				
Client ID:					
Operator ID:	615	ALS Bottle#:	4	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



Manual Integration/User Assign Peak Report

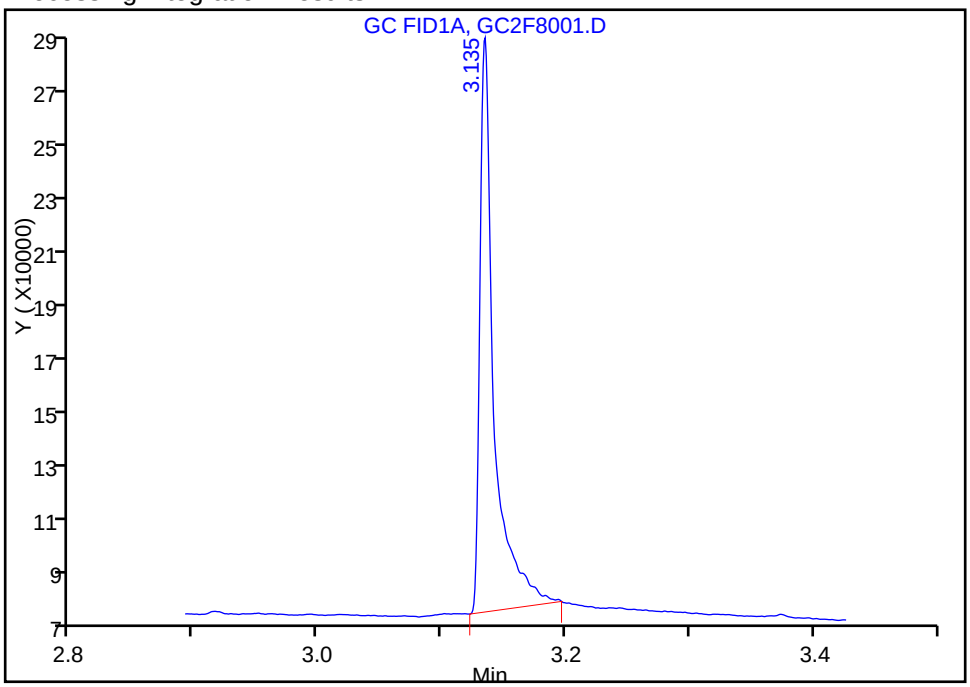
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8001.D
Injection Date: 12-Nov-2015 07:23:39 Instrument ID: CBNAGC2
Lims ID: PIBLK
Client ID:
Operator ID: 615 ALS Bottle#: 4 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: QAM2F Limit Group: GC 8015 QAM ICAL
Column: Detector GC FID2B

$ 4 o-Terphenyl, CAS: 84-15-1

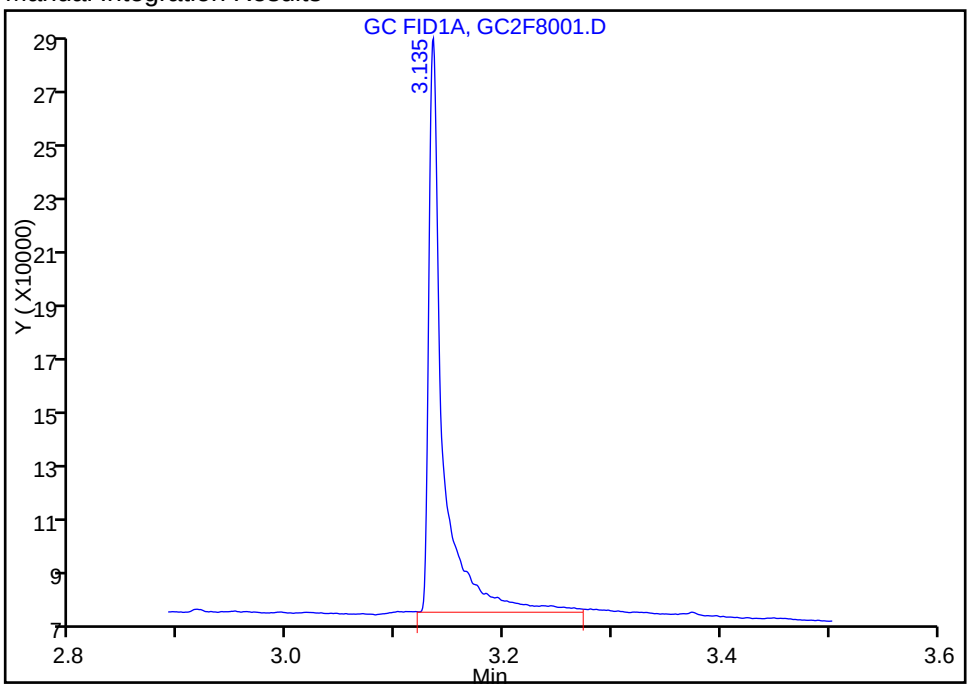
Processing Integration Results

RT: 3.13
Area: 169465
Amount: 5.032912
Amount Units: ug/ml



Manual Integration Results

RT: 3.13
Area: 191727
Amount: 5.694068
Amount Units: ug/ml



Reviewer: nimerd, 12-Nov-2015 06:34:20
Audit Action: Manually Integrated
Audit Reason: Peak Tail

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-334844/14

Matrix: Water | Lab File ID: GC2F8013.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/12/2015 09:47

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334844 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.082	U	0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	87		23-104
108-90-7	Chlorobenzene	95		22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8013.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 12-Nov-2015 09:47:36 ALS Bottle#: 4 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034146-014
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 12-Nov-2015 11:28:44 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK037

First Level Reviewer: nimerd Date: 12-Nov-2015 11:21:36

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene						
	0.367	0.369	-0.002	104408	6.20	5.87	
$	4 o-Terphenyl						
	3.132	3.132	0.000	182126	6.20	5.41	

Reagents:

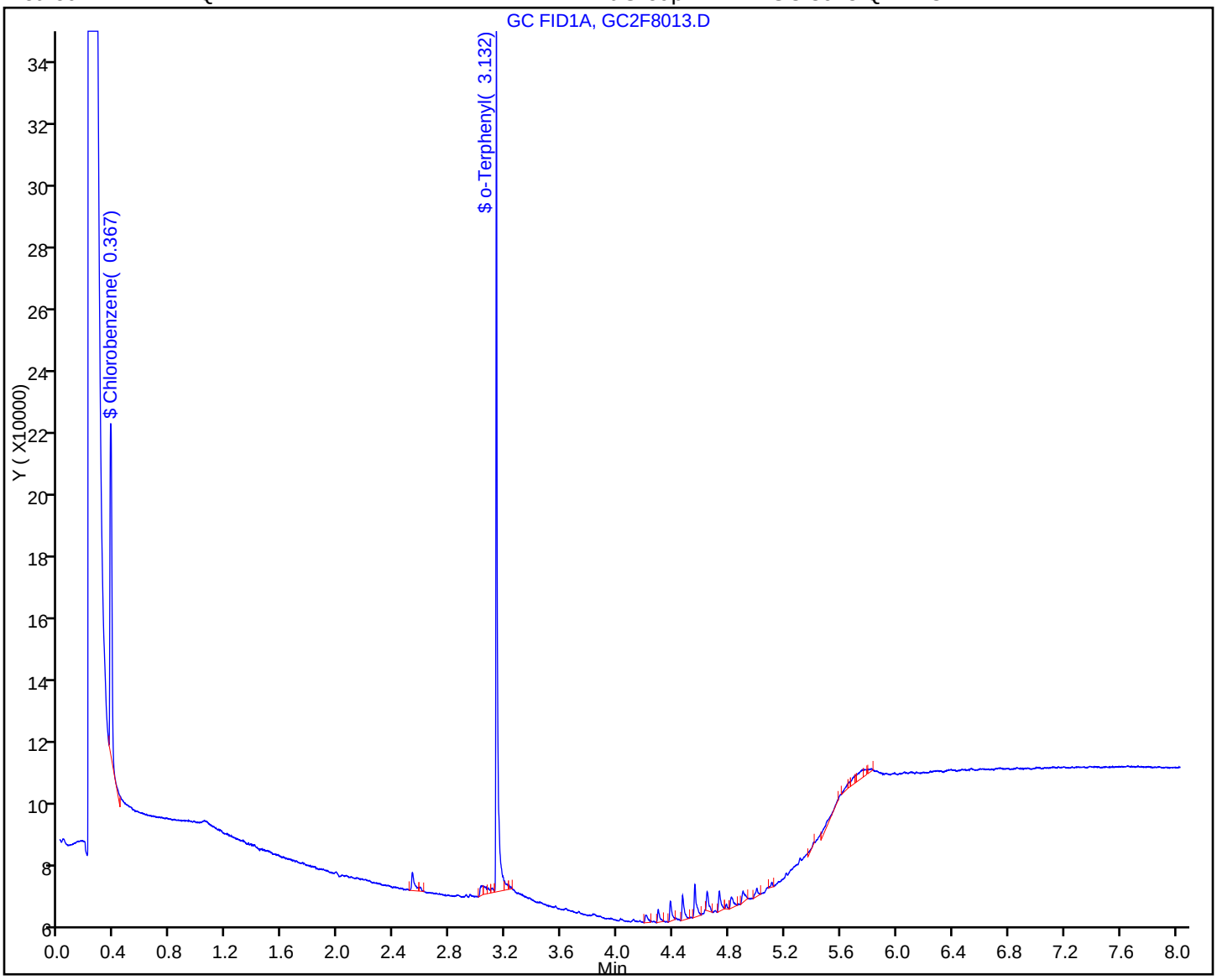
SGPIBLKQAM_00007 Amount Added: 1.00 Units: mL

Report Date: 12-Nov-2015 11:29:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8013.D

Injection Date:	12-Nov-2015 09:47:36	Instrument ID:	CBNAGC2		
Lims ID:	PIBLK				
Client ID:					
Operator ID:	615	ALS Bottle#:	4	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-334844/26

Matrix: Water | Lab File ID: GC2F8025.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/12/2015 12:11

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334844 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.082	U	0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	108		23-104
108-90-7	Chlorobenzene	116		22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8025.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 12-Nov-2015 12:11:16 ALS Bottle#: 4 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034146-026
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 12-Nov-2015 11:29:02 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK037

First Level Reviewer: nimerd Date: 12-Nov-2015 11:28:34

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 5 Chlorobenzene						
0.369	0.369	0.000	127958	6.20	7.19	
$ 4 o-Terphenyl						
3.131	3.132	-0.001	225882	6.20	6.71	

Reagents:

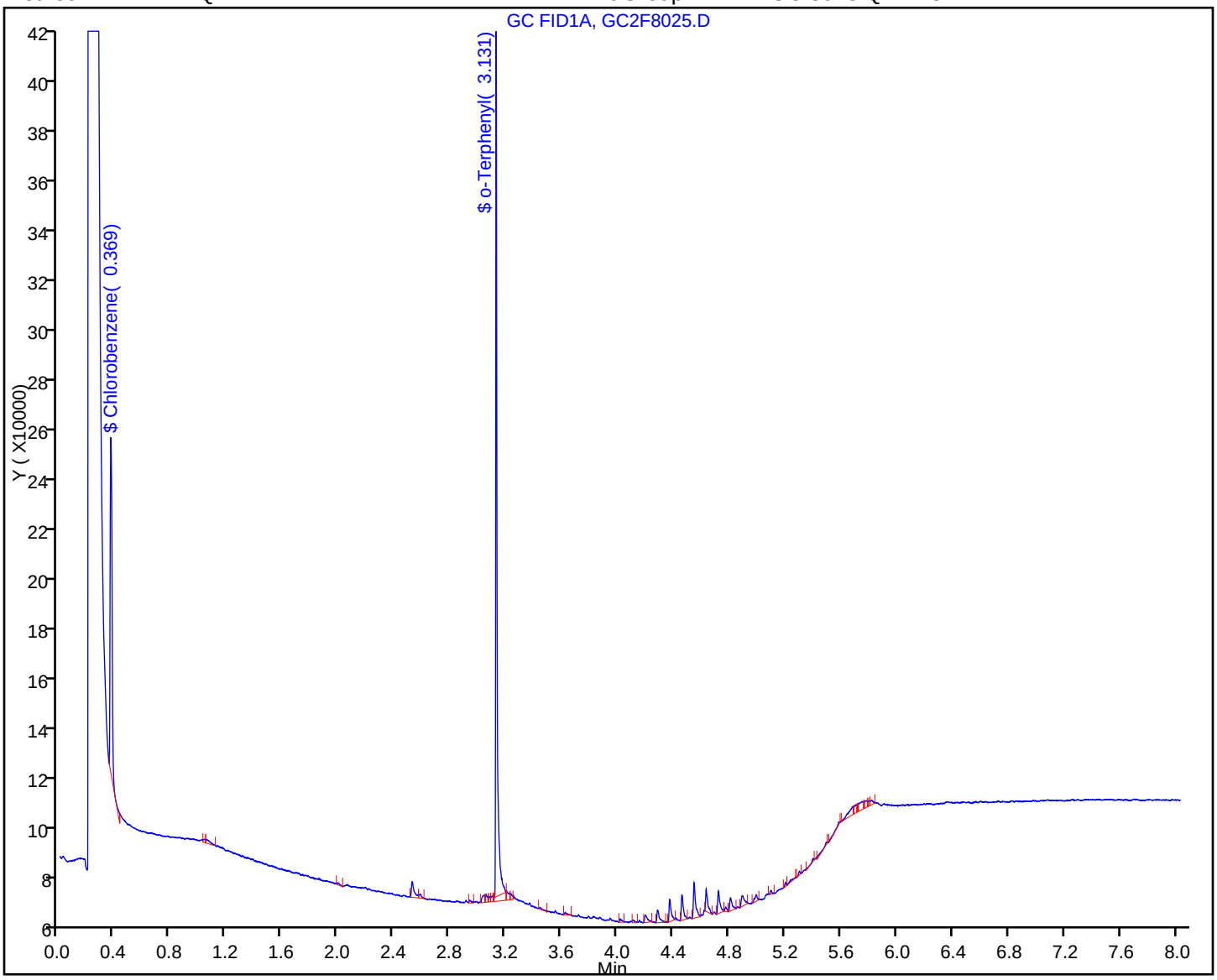
SGPIBLKQAM_00007 Amount Added: 1.00 Units: mL

Report Date: 12-Nov-2015 11:29:18 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8025.D

Injection Date:	12-Nov-2015 12:11:16	Instrument ID:	CBNAGC2		
Lims ID:	PIBLK				
Client ID:					
Operator ID:	615	ALS Bottle#:	4	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334700/2-A

Matrix: Solid | Lab File ID: GC2F8004.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected:

Extraction Method: 3546 | Date Extracted: 11/11/2015 13:36

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/12/2015 07:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334844 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	131		5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	96		23-104
108-90-7	Chlorobenzene	86		22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8004.D
Lims ID: LCS 460-334700/2-A
Client ID:
Sample Type: LCS
Inject. Date: 12-Nov-2015 07:59:39 ALS Bottle#: 7 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034146-005
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 12-Nov-2015 11:28:44 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK037

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene						
	0.369	0.369	0.000	307195	20.0	17.3	
A	3 C8-C40						
	2.794	(0.282-5.306)		45544595	2000.0	1967.4	k
$	4 o-Terphenyl						
	3.131	3.132	-0.001	647352	20.0	19.2	

QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 12-Nov-2015 11:28:48 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8004.D

Injection Date: 12-Nov-2015 07:59:39 Instrument ID: CBNAGC2

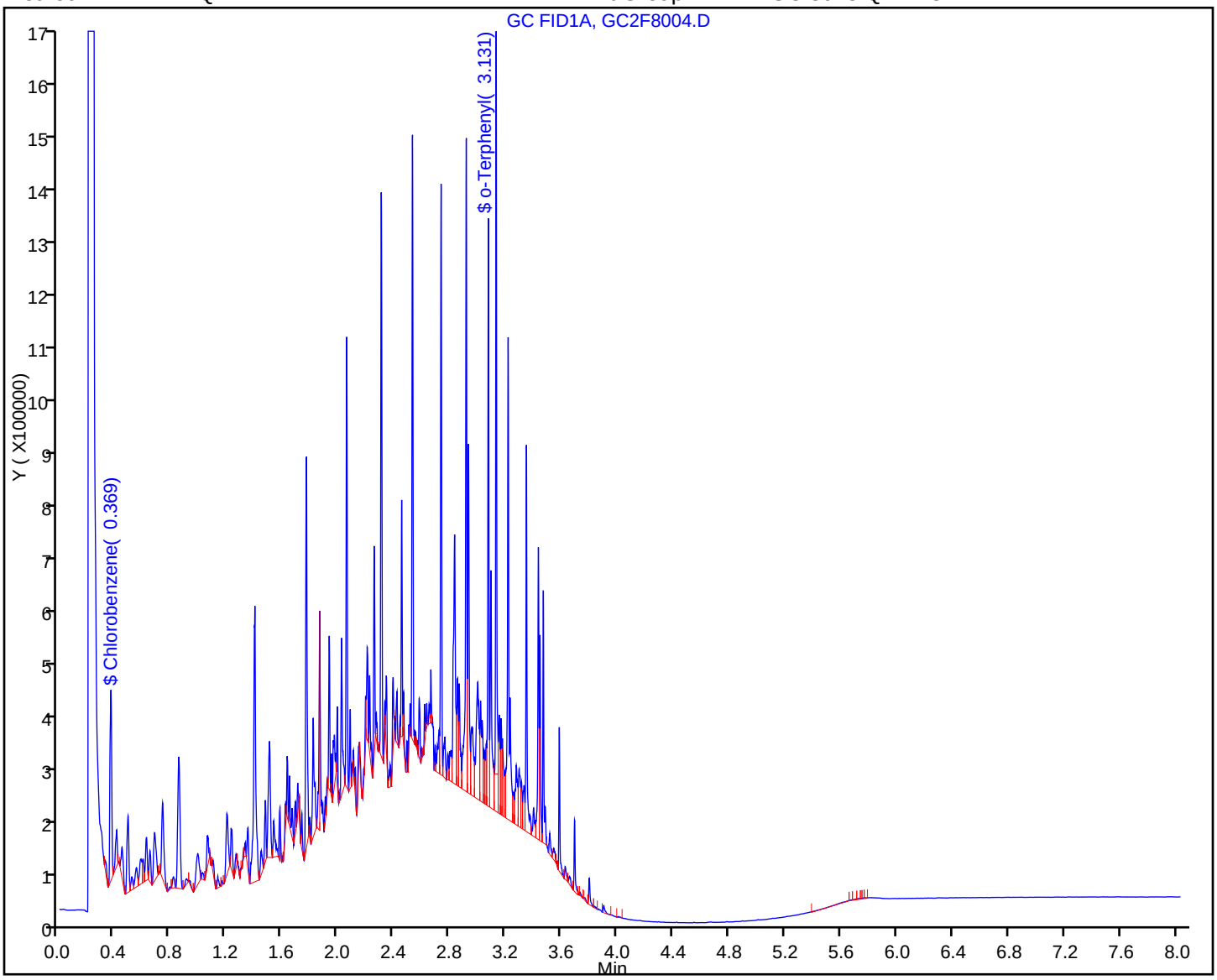
Lims ID: LCS 460-334700/2-A

Client ID:

Operator ID: 615 ALS Bottle#: 7 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334886/2-A

Matrix: Water | Lab File ID: GC2F8022.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected:

Extraction Method: 3510C | Date Extracted: 11/12/2015 07:51

Sample wt/vol: 1000(mL) | Date Analyzed: 11/12/2015 11:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334844 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1.54		0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	78		28-121
108-90-7	Chlorobenzene	76		26-98

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8022.D
Lims ID: LCS 460-334886/2-A
Client ID:
Sample Type: LCS
Inject. Date: 12-Nov-2015 11:35:30 ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034146-023
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 12-Nov-2015 11:29:02 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK037

First Level Reviewer: nimerd Date: 12-Nov-2015 11:07:59

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene						
	0.370	0.369	0.001	270789	20.0	15.2	
A	3 C8-C40						
	2.794	(0.282-5.306)		35719753	2000.0	1543.0	k
$	4 o-Terphenyl						
	3.130	3.132	-0.002	527384	20.0	15.7	

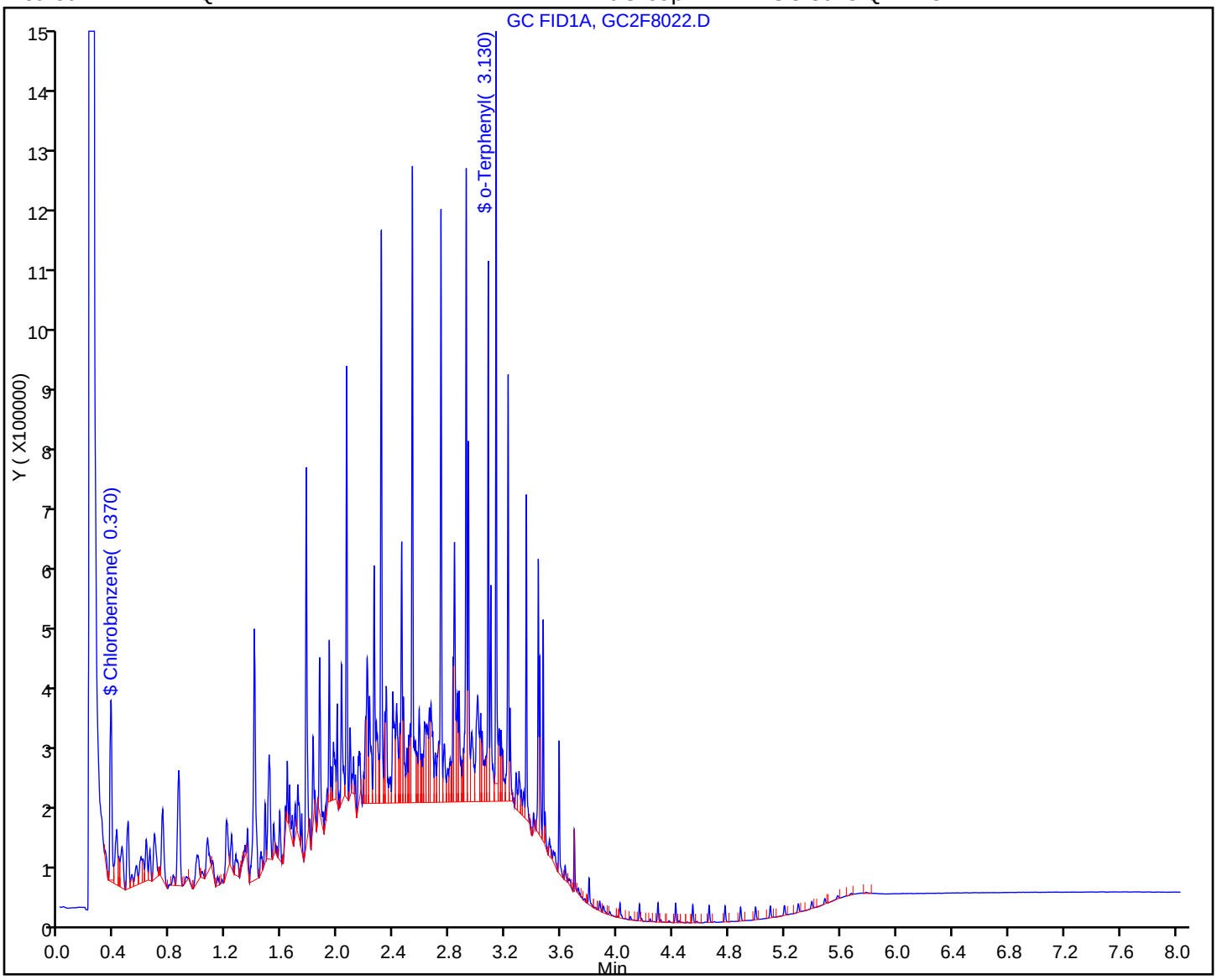
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 12-Nov-2015 11:29:15 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8022.D				
Injection Date:	12-Nov-2015 11:35:30	Instrument ID:	CBNAGC2		
Lims ID:	LCS 460-334886/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-334886/3-A

Matrix: Water | Lab File ID: GC2F8023.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected:

Extraction Method: 3510C | Date Extracted: 11/12/2015 07:51

Sample wt/vol: 1000(mL) | Date Analyzed: 11/12/2015 11:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334844 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1.61		0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	84		28-121
108-90-7	Chlorobenzene	77		26-98

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8023.D
Lims ID: LCSD 460-334886/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 12-Nov-2015 11:47:29 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034146-024
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 12-Nov-2015 11:29:02 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK037

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene						
	0.370	0.369	0.001	273335	20.0	15.4	
A	3 C8-C40						
	2.794	(0.282-5.306)		37231233	2000.0	1608.3	k
$	4 o-Terphenyl						
	3.130	3.132	-0.002	564334	20.0	16.8	

QC Flag Legend

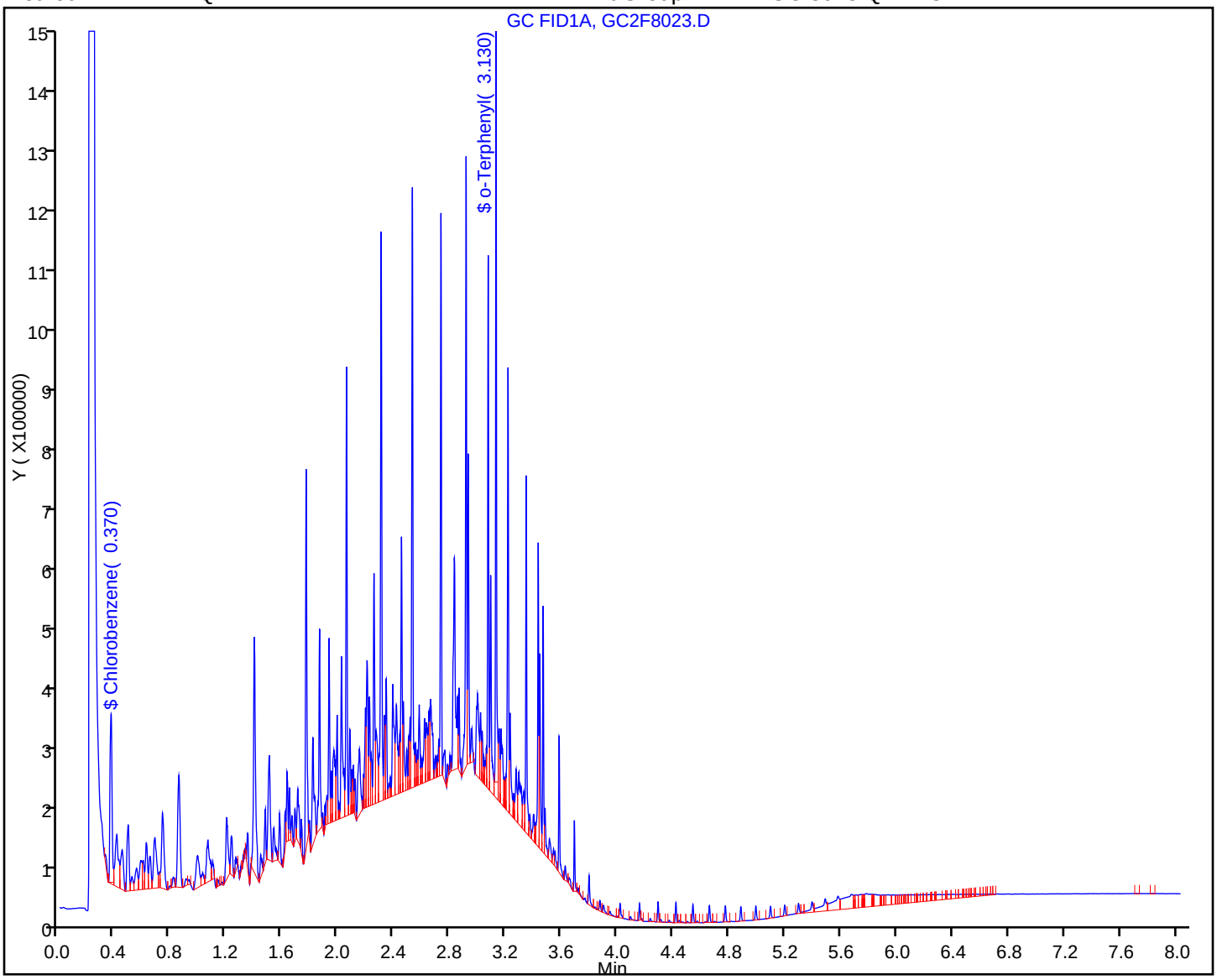
Processing Flags
k - Response Background Subtracted

Report Date: 12-Nov-2015 11:29:16 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151112-34146.b\GC2F8023.D

Injection Date:	12-Nov-2015 11:47:29	Instrument ID:	CBNAGC2		
Lims ID:	LCSD 460-334886/3-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S 8.25 MS | Lab Sample ID: 460-104194-3 MS

Matrix: Solid | Lab File ID: GC2F8005.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/06/2015 12:49

Extraction Method: 3546 | Date Extracted: 11/11/2015 13:36

Sample wt/vol: 15.0212(g) | Date Analyzed: 11/12/2015 08:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334844 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	125		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	85		23-104
108-90-7	Chlorobenzene	81		22-92

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104194-1

SDG No.:

Client Sample ID: PRA-25S 8.25 MSD | Lab Sample ID: 460-104194-3 MSD

Matrix: Solid | Lab File ID: GC2F8006.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/06/2015 12:49

Extraction Method: 3546 | Date Extracted: 11/11/2015 13:36

Sample wt/vol: 15.0037(g) | Date Analyzed: 11/12/2015 08:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334844 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	121		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	80		23-104
108-90-7	Chlorobenzene	75		22-92

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Instrument ID: CBNAGC2 Start Date: 09/10/2015 07:41

Analysis Batch Number: 321645 End Date: 09/10/2015 09:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/10/2015 07:41	1		Rtx-5MS 0.25(mm)
PIBLK 460-321645/2		09/10/2015 07:53	1		Rtx-5MS 0.25(mm)
STD1 460-321645/3 IC		09/10/2015 08:32	1	GC2F6866.D	Rtx-5MS 0.25(mm)
STD2 460-321645/4 IC		09/10/2015 08:44	1	GC2F6867.D	Rtx-5MS 0.25(mm)
STD3 460-321645/5 IC		09/10/2015 08:56	1	GC2F6868.D	Rtx-5MS 0.25(mm)
STD4 460-321645/6 IC		09/10/2015 09:08	1	GC2F6869.D	Rtx-5MS 0.25(mm)
STD5 460-321645/7 IC		09/10/2015 09:20	1	GC2F6870.D	Rtx-5MS 0.25(mm)
ICV 460-321645/8		09/10/2015 09:35	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Instrument ID: CBNAGC2 Start Date: 11/12/2015 07:11

Analysis Batch Number: 334844 End Date: 11/12/2015 13:12

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		11/12/2015 07:11	1		Rtx-5MS 0.25(mm)
PIBLK 460-334844/2		11/12/2015 07:23	1	GC2F8001.D	Rtx-5MS 0.25(mm)
CCV 460-334844/3		11/12/2015 07:35	1	GC2F8002.D	Rtx-5MS 0.25(mm)
MB 460-334700/1-A		11/12/2015 07:47	1	GC2F8003.D	Rtx-5MS 0.25(mm)
LCS 460-334700/2-A		11/12/2015 07:59	1	GC2F8004.D	Rtx-5MS 0.25(mm)
460-104194-3 MS	PRA-25S 8.25 MS	11/12/2015 08:11	1	GC2F8005.D	Rtx-5MS 0.25(mm)
460-104194-3 MSD	PRA-25S 8.25 MSD	11/12/2015 08:23	1	GC2F8006.D	Rtx-5MS 0.25(mm)
460-104194-3	PRA-25S 8.25	11/12/2015 08:35	1	GC2F8007.D	Rtx-5MS 0.25(mm)
460-104194-1	PRA-25S_1.75	11/12/2015 08:47	1	GC2F8008.D	Rtx-5MS 0.25(mm)
460-104194-2	PRA-25S-3.75	11/12/2015 08:59	1	GC2F8009.D	Rtx-5MS 0.25(mm)
460-104194-4	PRA-25S 11.25	11/12/2015 09:11	1	GC2F8010.D	Rtx-5MS 0.25(mm)
460-104194-5 DL	PRA-23 NW DL	11/12/2015 09:23	5	GC2F8011.D	Rtx-5MS 0.25(mm)
460-104194-6	PRA-18 S	11/12/2015 09:35	1	GC2F8012.D	Rtx-5MS 0.25(mm)
PIBLK 460-334844/14		11/12/2015 09:47	1	GC2F8013.D	Rtx-5MS 0.25(mm)
CCV 460-334844/15		11/12/2015 09:59	1	GC2F8014.D	Rtx-5MS 0.25(mm)
460-104194-7 DL	PRA-10 W DL	11/12/2015 10:11	5	GC2F8015.D	Rtx-5MS 0.25(mm)
460-104194-8	PRA-18-SE	11/12/2015 10:23	1	GC2F8016.D	Rtx-5MS 0.25(mm)
460-104194-9	PRA-18-NE	11/12/2015 10:35	1	GC2F8017.D	Rtx-5MS 0.25(mm)
460-104194-10 DL	PRA-20-N DL	11/12/2015 10:47	2	GC2F8018.D	Rtx-5MS 0.25(mm)
460-104194-20	DUP-2015_11_06_01	11/12/2015 10:59	1	GC2F8019.D	Rtx-5MS 0.25(mm)
460-104194-22	PMP-28_NW2_WT	11/12/2015 11:11	1	GC2F8020.D	Rtx-5MS 0.25(mm)
MB 460-334886/1-A		11/12/2015 11:23	1	GC2F8021.D	Rtx-5MS 0.25(mm)
LCS 460-334886/2-A		11/12/2015 11:35	1	GC2F8022.D	Rtx-5MS 0.25(mm)
LCSD 460-334886/3-A		11/12/2015 11:47	1	GC2F8023.D	Rtx-5MS 0.25(mm)
460-104194-23	FB-20151106	11/12/2015 11:59	1	GC2F8024.D	Rtx-5MS 0.25(mm)
PIBLK 460-334844/26		11/12/2015 12:11	1	GC2F8025.D	Rtx-5MS 0.25(mm)
CCV 460-334844/27		11/12/2015 12:23	1	GC2F8026.D	Rtx-5MS 0.25(mm)
		11/12/2015 12:36	1		Rtx-5MS 0.25(mm)
PIBLK 460-334844/30		11/12/2015 13:00	1		Rtx-5MS 0.25(mm)
CCV 460-334844/31		11/12/2015 13:12	1		Rtx-5MS 0.25(mm)

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Batch Number: 334700 Batch Start Date: 11/11/15 13:36 Batch Analyst: Windham, Frank H

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP Diesel#2 00005	OPQAMMS/SD 00028	OPQAMSU 00031	
MB 460-334700/1		3546, NJ-OQA-QAM-025		15.0000 g	1 mL			1 mL	
LCS 460-334700/2		3546, NJ-OQA-QAM-025		15.0000 g	1 mL	1 mL		1 mL	
460-104194-G-3 MS	PRA-25S 8.25	3546, NJ-OQA-QAM-025	T	15.0212 g	1 mL		1 mL	1 mL	
460-104194-G-3 MSD	PRA-25S 8.25	3546, NJ-OQA-QAM-025	T	15.0037 g	1 mL		1 mL	1 mL	
460-104194-G-3	PRA-25S 8.25	3546, NJ-OQA-QAM-025	T	15.0131 g	1 mL			1 mL	
460-104194-F-1	PRA-25S_1.75	3546, NJ-OQA-QAM-025	T	15.0244 g	1 mL			1 mL	
460-104194-F-2	PRA-25S-3.75	3546, NJ-OQA-QAM-025	T	15.0443 g	1 mL			1 mL	
460-104194-G-4	PRA-25S 11.25	3546, NJ-OQA-QAM-025	T	15.0275 g	1 mL			1 mL	
460-104194-F-5	PRA-23 NW	3546, NJ-OQA-QAM-025	T	15.0118 g	1 mL			1 mL	
460-104194-F-6	PRA-18 S	3546, NJ-OQA-QAM-025	T	15.0147 g	1 mL			1 mL	
460-104194-E-7	PRA-10 W	3546, NJ-OQA-QAM-025	T	15.0224 g	1 mL			1 mL	
460-104194-F-8	PRA-18-SE	3546, NJ-OQA-QAM-025	T	15.0132 g	1 mL			1 mL	
460-104194-G-9	PRA-18-NE	3546, NJ-OQA-QAM-025	T	15.0561 g	1 mL			1 mL	
460-104194-E-10	PRA-20-N	3546, NJ-OQA-QAM-025	T	15.0331 g	1 mL			1 mL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Batch Number: 334700 Batch Start Date: 11/11/15 13:36 Batch Analyst: Windham, Frank H

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP Diesel#2 00005	OPQAMMS/SD 00028	OPQAMSU 00031	
460-104194-G-20	DUP-2015_11_06_01	3546, NJ-OQA-QAM-025	T	15.0222 g	1 mL			1 mL	
460-104194-F-22	PMP-28_NW2_WT	3546, NJ-OQA-QAM-025	T	15.0154 g	1 mL			1 mL	

Batch Notes	
Balance ID	30
Batch Comment	QAM SOIL
Final Concentrator Volume	1 mL
MeCL2 Lot #	123569
Na2SO4 Lot Number	433101
Person's name who did the prep	FW
Person who performed Spike	FW
Water Bath Temperature	38C (38C UNCORRECTED)

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Batch Number: 334886 Batch Start Date: 11/12/15 07:50 Batch Analyst: Wu, Huachi

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	OP Diesel#2 00005	OPQAMSU 00031	
MB 460-334886/1		3510C, NJ-OQA-QAM-025		7 SU	1000 mL	1 mL		1 mL	
LCS 460-334886/2		3510C, NJ-OQA-QAM-025		7 SU	1000 mL	1 mL	1 mL	1 mL	
LCSD 460-334886/3		3510C, NJ-OQA-QAM-025		7 SU	1000 mL	1 mL	1 mL	1 mL	
460-104194-H-23	FB-20151106	3510C, NJ-OQA-QAM-025	T	<2 SU	980 mL	1 mL		1 mL	

Batch Notes	
Batch Comment	QAM WATER
Person's name who did the concentration	Wuh
N-evap #	31869
N-evap temperature	35 Celsius
Na2SO4 Lot Number	433101
Prep Solvent Lot #	123569
Prep Solvent Name	MECL2
Prep Solvent Volume Used	180 ML mL
Person's name who did the prep	Wuh
Sufficient volume for MS/MSD?	no
Uncorrected N-evap Temperature	35 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-104194-1

SDG No.:

Project: McCandless

Client Sample ID	Lab Sample ID
PRA-25S_1.75	460-104194-1
PRA-25S-3.75	460-104194-2
PRA-25S 8.25	460-104194-3
PRA-25S 11.25	460-104194-4
PRA-23 NW	460-104194-5
PRA-18 S	460-104194-6
PRA-10 W	460-104194-7
PRA-18-SE	460-104194-8
PRA-18-NE	460-104194-9
PRA-20-N	460-104194-10
PMP-15-NW2-WT	460-104194-11
PMP-16-NW2-WT	460-104194-12
PMP-17-NW2-WT	460-104194-13
PMP-18-NW2-WT	460-104194-14
PMP-19-NW2-WT	460-104194-15
PMP-20-NW2-WT	460-104194-16
PMP-20-NW2-S	460-104194-17
PMP-26-NW2-WT	460-104194-18
DUP-2015_2_11_06	460-104194-19
DUP-2015_11_06_01	460-104194-20
PMP-27_NW2_WT	460-104194-21
PMP-28_NW2_WT	460-104194-22
PMP-13_NW2_WT	460-104194-25

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-104194-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 02/15/2007 17:07

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-104194-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 01/01/2007 16:49

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 11/11/2015 10:48 End Date: 11/11/2015 10:48

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			10:48																					
460-104194-1	1	T	10:48	X	X																			
460-104194-2	1	T	10:48	X	X																			
460-104194-3	1	T	10:48	X	X																			
460-104194-4	1	T	10:48	X	X																			
460-104194-5	1	T	10:48	X	X																			
460-104194-6	1	T	10:48	X	X																			
460-104194-7	1	T	10:48	X	X																			
460-104194-8	1	T	10:48	X	X																			
460-104194-9	1	T	10:48	X	X																			
460-104194-10	1	T	10:48	X	X																			
460-104194-11	1	T	10:48	X	X																			
460-104194-12	1	T	10:48	X	X																			
460-104194-13	1	T	10:48	X	X																			
460-104194-14	1	T	10:48	X	X																			
460-104194-15	1	T	10:48	X	X																			
460-104194-16	1	T	10:48	X	X																			
460-104194-17	1	T	10:48	X	X																			
460-104194-18	1	T	10:48	X	X																			
460-104194-19	1	T	10:48	X	X																			
460-104194-19 DU	1	T	10:48	X	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison   Job No.: 460-104194-1

SDG No.:

Instrument ID: NOEQUIP   Method: Moisture

Start Date: 11/11/2015 11:07   End Date: 11/11/2015 11:07

Lab Sample ID	D/F	Type	Time	Analytes	
				%Sol	Moist
ZZZZZZ			11:07		
460-104194-20	1	T	11:07	X	X
460-104194-21	1	T	11:07	X	X
460-104194-22	1	T	11:07	X	X
460-104194-25	1	T	11:07	X	X
ZZZZZZ			11:07		
ZZZZZZ			11:07		
ZZZZZZ			11:07		
ZZZZZZ			11:07		
ZZZZZZ			11:07		
ZZZZZZ			11:07		
ZZZZZZ			11:07		
ZZZZZZ			11:07		
ZZZZZZ			11:07		
ZZZZZZ			11:07		
ZZZZZZ			11:07		
ZZZZZZ			11:07		
ZZZZZZ			11:07		
ZZZZZZ			11:07		
ZZZZZZ			11:07		
460-104197-D-41 DU	1	T	11:07	X	X

Prep Types
T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Batch Number: 334672 Batch Start Date: 11/11/15 10:48 Batch Analyst: Armbruster, Chris

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-104194-G-1	PRA-25S_1.75	Moisture	T	2	1.02 g	6.28 g	5.92 g		
460-104194-G-2	PRA-25S-3.75	Moisture	T	3	1.00 g	6.68 g	6.39 g		
460-104194-G-3	PRA-25S 8.25	Moisture	T	4	1.02 g	7.10 g	6.84 g		
460-104194-E-4	PRA-25S 11.25	Moisture	T	5	1.00 g	6.94 g	6.17 g		
460-104194-E-5	PRA-23 NW	Moisture	T	6	1.01 g	6.32 g	5.82 g		
460-104194-G-6	PRA-18 S	Moisture	T	7	1.02 g	6.18 g	5.94 g		
460-104194-E-7	PRA-10 W	Moisture	T	8	0.98 g	6.26 g	6.02 g		
460-104194-E-8	PRA-18-SE	Moisture	T	9	0.99 g	6.98 g	6.71 g		
460-104194-G-9	PRA-18-NE	Moisture	T	10	1.02 g	7.00 g	6.66 g		
460-104194-F-10	PRA-20-N	Moisture	T	11	1.01 g	6.40 g	6.12 g		
460-104194-E-11	PMP-15-NW2-WT	Moisture	T	12	1.00 g	6.44 g	5.94 g		
460-104194-E-12	PMP-16-NW2-WT	Moisture	T	13	0.99 g	6.03 g	5.76 g		
460-104194-A-13	PMP-17-NW2-WT	Moisture	T	14	1.00 g	6.16 g	5.88 g		
460-104194-A-14	PMP-18-NW2-WT	Moisture	T	15	1.01 g	6.55 g	6.25 g		
460-104194-E-15	PMP-19-NW2-WT	Moisture	T	16	1.01 g	6.40 g	6.17 g		
460-104194-A-16	PMP-20-NW2-WT	Moisture	T	17	1.00 g	6.78 g	6.30 g		
460-104194-A-17	PMP-20-NW2-S	Moisture	T	18	1.01 g	6.34 g	5.62 g		
460-104194-A-18	PMP-26-NW2-WT	Moisture	T	19	1.00 g	6.57 g	6.07 g		
460-104194-A-19	DUP-2015_2_11_06	Moisture	T	20	1.01 g	6.61 g	6.14 g		
460-104194-A-19 DU	DUP-2015_2_11_06	Moisture	T	21	1.00 g	6.42 g	6.02 g		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Batch Number: 334672 Batch Start Date: 11/11/15 10:48 Batch Analyst: Armbruster, Chris

Batch Method: Moisture Batch End Date:

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	11/11/15
Oven Temp when samples are put in oven	103 Degrees C
Time samples were place in the oven	11:05
Date samples were removed from oven	11/12/15
Oven Temp when samples removed from oven	104 Degrees C
Time Samples were removed from oven	08:06
Oven ID	3
ID number of the thermometer	92010
Uncorrected In Temperature	103 Celsius
Uncorrected Out Temperature	104 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-104194-1

SDG No.:

Batch Number: 334674 Batch Start Date: 11/11/15 11:07 Batch Analyst: Armbruster, Chris

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-104194-G-20	DUP-2015_11_06_01	Moisture	T	23	1.01 g	6.48 g	6.22 g		
460-104194-E-21	PMP-27_NW2_WT	Moisture	T	24	1.03 g	6.80 g	6.45 g		
460-104194-F-22	PMP-28_NW2_WT	Moisture	T	25	1.01 g	7.03 g	6.91 g		
460-104194-A-25	PMP-13_NW2_WT	Moisture	T	26	1.00 g	6.87 g	6.50 g		
460-104197-D-41 DU		Moisture	T	42	1.03 g	6.65 g	6.11 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	11/11/15
Oven Temp when samples are put in oven	103 Degrees C
Time samples were place in the oven	11:53
Date samples were removed from oven	11/12/15
Oven Temp when samples removed from oven	104 Degrees C
Time Samples were removed from oven	08:06
Oven ID	3
ID number of the thermometer	92010
Uncorrected In Temperature	103 Celsius
Uncorrected Out Temperature	104 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

1 Road
sey 08817
-3900 Fax: (732) 549-3679

460-104194 Chain of Custody

CHAIN OF CUSTODY / ANALYS

Page 1 of 3

Name (for report and invoice) Tim Fosse	Samplers Name (Printed) J Leme, A Musetto, D O'Donnell	Site/Project Identification McCandless	
Company Area Group	P. O. # 86D081298P	State (Location of site): NJ: ☒ NY: ☐ Other:	
		Regulatory Program: SRP	DKQP: ☐
Address 500 Summit Lake Drive	Analysis Turnaround Time: Standard ☒		LAB USE ONLY Project No:
City Valhalla State NY	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐		Job No: 104194
Phone 914-495-9948 Fax			

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	TCL VOCs 8260C	TCL BNA +20 8270D (MS)	PCBs 8082A	TPH-DRO 8015	Sample Numbers
PRA-25S-1.75	11/6/15	12:45	Soil	7	X	X	X	X	1
PRA-25S-3.75		12:47		7	X	X	X	X	2
PRA-25S 8.25		12:49		7	X	X	X	X	3
PRA-25S 11.25		12:51		7	X	X	X	X	4
PRA-23NW		8:30		7	X	X	X	X	5
PRA-18S		10:58		7	X	X	X	X	6
PRA-10W		10:14		7	X	X	X	X	7
PRA-18-SE		10:20		7	X	X	X	X	8
PRA-18-NE		10:00		7	X	X	X	X	9
PRA-20-N	↓	11:25	↓	7	X	X	X	X	10

SHORT HOLD

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other MeOH

Soil: 1,7 | 1 | 1 | 1

Water:

Special Instructions _____ Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
Jared Leme	Area Group	11/6/15 1600	1)	TAL
Relinquished by 2)	Company	Date / Time	Received by 2)	Company
Relinquished by 3)	Company	Date / Time	Received by 3)	Company
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0715)

Massachusetts (M-NJ312), North Carolina (No. 578) 2.8/4.8°C 3.1/5.1°C IR#5 No C/S

11/13/2015

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice): Tim Fisher
Company: Arcea Group
Address: 500 Summit Lake drive
City: Valhalla State: NY
Phone: 914-495-9948 Fax:

Samplers Name (Printed): J Lewe, A Musetto, D ODonnel
P. O. #: 86P08 12980
Site/Project Identification: McCandless
State (Location of site): NJ: ☒ NY: ☐ Other:
Regulatory Program: EXP
DKQP: ☐

Analysis Turnaround Time
Standard ☒
Rush Charges Authorized For:
2 Week ☐
1 Week ☐
Other ☐

LAB USE ONLY
Project No:
Job No:

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	TCL VOC +10 8260 L	TCL BNA +20 8270 D (Mod)	PCBs 8082A	TPH-QAH 025	Sample Numbers
PMP_15_NW2_WT	11/6/15	9:18	GW	5	X		X		11
PMP_16_NW2_WT	↓	9:05	↓	5	X		X		12
PMP_17_NW2_WT		9:52		1			X		13
PMP_18_NW2_WT		10:45		1			X		14
PMP_19_NW2_WT		11:15		5	X		X		15
PMP_20_NW2_WT		12:10		1			X		16
PMP_20_NW2_S		12:12		1			X		17
PMP_26_NW2_WT		11:55		1			X		18
DUP_2015_[illegible]_05		—		1			X		19
DUP_2015_11_06_01	↓	—	↓	7	X	X	X	X	20
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6 = Other ____, 7 = Other MeOH				Soil:	1,7	1	1	1	
				Water:					

Special Instructions

Water Metals Filtered (Yes/No)? ____

Relinquished by	Company	Date / Time	Received by	Company
Arcea G Jared [illegible]	Arcea Group	11/6/15 1620	1) [signature]	TA ED)
Relinquished by 2)	Company	Date / Time	Received by 2)	Company
Relinquished by 3)	Company	Date / Time	Received by 3)	Company
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0715)

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

11/13/2015

Name (for report and invoice) Tim Fisher	Samplers Name (Printed) A Musetto, D. O'Connell, J Leone	Site/Project Identification McCandless
Company Antea Group	P. O. # 8EP081298P	State (Location of site): NJ: X NY: Other:
		Regulatory Program: SRP DKQP:
Address 500 Summit Lake drive	Analysis Turnaround Time: Standard X; Rush Charges Authorized For: 2 Week, 1 Week, Other	LAB USE ONLY Project No:
City Valhalla State NY		Job No: 104194
Phone 914-495-7948 Fax		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	TCL VOC 8260C	TCL BNA + 20 8270D (Mod)	PCBs 8082A	TPH-GRO OA1							Sample Numbers
PMP-27_NW2_WT	11/6/15	12:20	GW	5	X		X								21
PMP-28_NW2_WT		9:35	GW	6	X		X	X							22
FB-20151106		13:50	blank	9	X	X	X	X							23
Trip Blank			blank	3	X										24
PMP-13_NW2_WT		8:45	Soil	1			X								25

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6 = Other _____, 7 = Other MeOH

Soil:	1,7	1	1	1											
Water:															

Special Instructions _____ Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
Jacob Leone	Antea Group	11/6/15 1630	1)	TA EDI
Relinquished by 2)	Company	Date / Time	Received by 2)	Company
Relinquished by 3)	Company	Date / Time	Received by 3)	Company
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0715)

Massachusetts (M-NJ312), North Carolina (No. 578)

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 104194

Number of Coolers: 2 IR Gun #: 5

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	2.8 °C	4.1 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	3.1 °C	5.1 °C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or OAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other
23							12								

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: _____ Date: 11/06/15

Login Sample Receipt Checklist

Client: Antea USA, Inc.

Job Number: 460-104194-1

Login Number: 104194
List Number: 1
Creator: Hall, Alonzo

List Source: TestAmerica Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.		
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time.		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		
Multiphasic samples are not present.		
Samples do not require splitting or compositing.		
Residual Chlorine Checked.		