TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-121138-1

Job Description: McCandless

For:
Antea USA, Inc.
500 Summit Lake Drive
Suite 150
Valhalla, NY 10595

Attention: Timothy Fisher

Approved for release.
Grace Chang
Project Manager II
10/6/2016 3:37 PM

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10/06/2016

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

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CASE NARRATIVE

Client: Antea USA, Inc.

Project: McCandless

Report Number: 460-121138-1

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 9/28/2016 8:15 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.5º C and 4.4º C.

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.

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples MW-15 (460-121138-1), MW-10 (460-121138-2), MW-15D (460-121138-3), MW-21 (460-121138-4), MW-20 (460-121138-5), MW-6 (460-121138-6), MW-6 Filtered (460-121138-7), MW-3D (460-121138-8), FB-20160928 (460-121138-9), DUP-20160928 (460-121138-10) and Trip Blank (460-121138-11) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA Method 624. The samples were analyzed on 10/02/2016.

1,2,3-Trichlorobenzene, Bromoform and Carbon disulfide exceeded the RPD limit for the MSD of sample MW-15MSD (460-121138-1) in batch 460-394312.

Refer to the QC report for details.

1,2,3-Trichlorobenzene, Bromoform and Carbon disulfide exceeded the RPD limit for the MSD of sample MW-15MSD (460-121138-1) in batch 460-394312.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples MW-15 (460-121138-1), MW-10 (460-121138-2), MW-15D (460-121138-3), MW-21 (460-121138-4), MW-20 (460-121138-5), MW-6 (460-121138-6), MW-6 Filtered (460-121138-7), MW-3D (460-121138-8), FB-20160928 (460-121138-9) and DUP-20160928 (460-121138-10) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA Method 625. The samples were prepared on 10/03/2016 and analyzed on 10/04/2016.

No difficulties were encountered during the semivolatiles analysis.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)
Samples MW-15 (460-121138-1), MW-10 (460-121138-2), MW-15D (460-121138-3), MW-21 (460-121138-4), MW-20 (460-121138-5), MW-6 (460-121138-6), MW-6 Filtered (460-121138-7), MW-3D (460-121138-8), FB-20160928 (460-121138-9) and DUP-20160928 (460-121138-10) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were

prepared on 09/30/2016 and analyzed on 10/04/2016.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

TOTAL DISSOLVED SOLIDS

Samples MW-15 (460-121138-1), MW-10 (460-121138-2), MW-15D (460-121138-3), MW-21 (460-121138-4), MW-20 (460-121138-5), MW-6 (460-121138-6), MW-6 Filtered (460-121138-7), MW-3D (460-121138-8), FB-20160928 (460-121138-9) and DUP-20160928 (460-121138-10) were analyzed for total dissolved solids in accordance with SM 2540C. The samples were analyzed on 10/03/2016 and 10/04/2016.

No difficulties were encountered during the TDS analysis.

All quality control parameters were within the acceptance limits.

TOTAL SUSPENDED SOLIDS

Samples MW-15 (460-121138-1), MW-10 (460-121138-2), MW-15D (460-121138-3), MW-21 (460-121138-4), MW-20 (460-121138-5), MW-6 (460-121138-6), MW-6 Filtered (460-121138-7), MW-3D (460-121138-8), FB-20160928 (460-121138-9) and DUP-20160928 (460-121138-10) were analyzed for total suspended solids in accordance with SM 2540D. The samples were analyzed on 10/03/2016.

Total Suspended Solids exceeded the RPD limit for the duplicate of sample 460-121026-3. Refer to the QC report for details.

No other difficulties were encountered during the TSS analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-121138-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-121138-1	MW-15	Water	09/28/16 10:00	09/28/16 20:15
460-121138-2	MW-10	Water	09/28/16 10:45	09/28/16 20:15
460-121138-3	MW-15D	Water	09/28/16 11:30	09/28/16 20:15
460-121138-4	MW-21	Water	09/28/16 13:40	09/28/16 20:15
460-121138-5	MW-20	Water	09/28/16 13:45	09/28/16 20:15
460-121138-6	MW-6	Water	09/28/16 15:15	09/28/16 20:15
460-121138-7	MW-6 Filtered	Water	09/28/16 15:25	09/28/16 20:15
460-121138-8	MW-3D	Water	09/28/16 15:20	09/28/16 20:15
460-121138-9	FB-20160928	Water	09/28/16 16:25	09/28/16 20:15
460-121138-10	DUP-20160928	Water	09/28/16 00:00	09/28/16 20:15
460-121138-11	Trip Blank	Water	09/28/16 00:00	09/28/16 20:15

Detection Summary

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-121138-1

Client Sample ID: MW-15 — Lab Sample ID: 460-121138-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	181		10.0	10.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	52.8		2.0	2.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: MW-10 — Lab Sample ID: 460-121138-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.25	J	1.0	0.22	ug/L	1		624	Total/NA
Total Dissolved Solids	124		10.0	10.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	3.1		1.0	1.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: MW-15D — Lab Sample ID: 460-121138-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.53	J	1.0	0.22	ug/L	1		624	Total/NA
MTBE	0.31	J	1.0	0.13	ug/L	1		624	Total/NA
Total Dissolved Solids	171		10.0	10.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	94.4		4.0	4.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: MW-21 — Lab Sample ID: 460-121138-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	97.0		10.0	10.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-20 — Lab Sample ID: 460-121138-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.0		1.0	0.22	ug/L	1		624	Total/NA
Total Dissolved Solids	105		10.0	10.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	30.0		3.3	3.3	mg/L	1		SM 2540D	Total/NA

Client Sample ID: MW-6 — Lab Sample ID: 460-121138-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	42.0		10.0	10.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	2.4		1.0	1.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: MW-6 Filtered — Lab Sample ID: 460-121138-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	54.0		10.0	10.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-3D — Lab Sample ID: 460-121138-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.39	J	1.0	0.22	ug/L	1		624	Total/NA
MTBE	2.3		1.0	0.13	ug/L	1		624	Total/NA
Total Dissolved Solids	77.0		10.0	10.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	3.4		1.0	1.0	mg/L	1		SM 2540D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-121138-1

Client Sample ID: FB-20160928 — Lab Sample ID: 460-121138-9

No Detections.

Client Sample ID: DUP-20160928 — Lab Sample ID: 460-121138-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	204		10.0	10.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	152		4.0	4.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 460-121138-11

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-121138-1

Method	Method Description	Protocol	Laboratory
624	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL EDI
625	Semivolatile Organic Compounds (GC/MS)	40CFR136A	TAL EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL EDI
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL EDI
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL EDI

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater",
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: MW-15

Date Collected: 09/28/16 10:00
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-1

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/02/16 20:35	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/02/16 20:35	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/02/16 20:35	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 20:35	1
Acetone	1.1	U	5.0	1.1	ug/L			10/02/16 20:35	1
Carbon disulfide	0.22	U F2	1.0	0.22	ug/L			10/02/16 20:35	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/02/16 20:35	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/02/16 20:35	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/02/16 20:35	1
Chloroform	0.22	U	1.0	0.22	ug/L			10/02/16 20:35	1
Toluene	0.25	U	1.0	0.25	ug/L			10/02/16 20:35	1
Benzene	0.090	U	1.0	0.090	ug/L			10/02/16 20:35	1
Freon TF	0.34	U	1.0	0.34	ug/L			10/02/16 20:35	1
Styrene	0.17	U	1.0	0.17	ug/L			10/02/16 20:35	1
Bromoform	0.18	U F2	1.0	0.18	ug/L			10/02/16 20:35	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/02/16 20:35	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/02/16 20:35	1
Chlorobenzene	0.24	U	1.0	0.24	ug/L			10/02/16 20:35	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/02/16 20:35	1
1,2,4-Trichlorobenzene	0.27	U	1.0	0.27	ug/L			10/02/16 20:35	1
1,2,3-Trichlorobenzene	0.35	U F2	1.0	0.35	ug/L			10/02/16 20:35	1
1,2-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/02/16 20:35	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 20:35	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 20:35	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/02/16 20:35	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/02/16 20:35	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/02/16 20:35	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/02/16 20:35	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/02/16 20:35	1
2-Butanone	2.2	U	5.0	2.2	ug/L			10/02/16 20:35	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/02/16 20:35	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/02/16 20:35	1
MTBE	0.13	U	1.0	0.13	ug/L			10/02/16 20:35	1
Tetrachloroethene	0.12	U	1.0	0.12	ug/L			10/02/16 20:35	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/02/16 20:35	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/02/16 20:35	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/02/16 20:35	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/02/16 20:35	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/02/16 20:35	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/02/16 20:35	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/02/16 20:35	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/02/16 20:35	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/02/16 20:35	1
Xylenes, Total	0.28	U	2.0	0.28	ug/L			10/02/16 20:35	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			10/02/16 20:35	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/02/16 20:35	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/02/16 20:35	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/02/16 20:35	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 20:35	1

Client Sample ID: MW-15

Date Collected: 09/28/16 10:00
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-1

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/02/16 20:35	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/02/16 20:35*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*48 - 130*		*10/02/16 20:35*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*10/02/16 20:35*	*1*
Bromofluorobenzene	*92*		*71 - 131*		*10/02/16 20:35*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*10/02/16 20:35*	*1*

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.13	U	1.0	0.13	ug/L		10/03/16 10:31	10/04/16 03:44	1
1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L		10/03/16 10:31	10/04/16 03:44	1
1,4-Dichlorobenzene	0.69	U	10	0.69	ug/L		10/03/16 10:31	10/04/16 03:44	1
1,2-Dichlorobenzene	0.86	U	10	0.86	ug/L		10/03/16 10:31	10/04/16 03:44	1
N-Nitrosodi-n-propylamine	0.86	U	1.0	0.86	ug/L		10/03/16 10:31	10/04/16 03:44	1
Hexachloroethane	0.094	U	1.0	0.094	ug/L		10/03/16 10:31	10/04/16 03:44	1
Nitrobenzene	0.51	U	1.0	0.51	ug/L		10/03/16 10:31	10/04/16 03:44	1
Isophorone	0.70	U	10	0.70	ug/L		10/03/16 10:31	10/04/16 03:44	1
Bis(2-chloroethoxy)methane	0.72	U	10	0.72	ug/L		10/03/16 10:31	10/04/16 03:44	1
1,2,4-Trichlorobenzene	0.64	U	1.0	0.64	ug/L		10/03/16 10:31	10/04/16 03:44	1
Naphthalene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 03:44	1
4-Chloroaniline	0.76	U	10	0.76	ug/L		10/03/16 10:31	10/04/16 03:44	1
Hexachlorobutadiene	0.79	U	1.0	0.79	ug/L		10/03/16 10:31	10/04/16 03:44	1
2-Methylnaphthalene	0.92	U	10	0.92	ug/L		10/03/16 10:31	10/04/16 03:44	1
Hexachlorocyclopentadiene	0.64	U	10	0.64	ug/L		10/03/16 10:31	10/04/16 03:44	1
2-Chloronaphthalene	0.64	U	10	0.64	ug/L		10/03/16 10:31	10/04/16 03:44	1
2-Nitroaniline	0.68	U	10	0.68	ug/L		10/03/16 10:31	10/04/16 03:44	1
Dimethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 03:44	1
Acenaphthylene	0.68	U	10	0.68	ug/L		10/03/16 10:31	10/04/16 03:44	1
2,6-Dinitrotoluene	0.92	U	2.1	0.92	ug/L		10/03/16 10:31	10/04/16 03:44	1
3-Nitroaniline	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 03:44	1
Acenaphthene	0.92	U	10	0.92	ug/L		10/03/16 10:31	10/04/16 03:44	1
Dibenzofuran	0.89	U	10	0.89	ug/L		10/03/16 10:31	10/04/16 03:44	1
2,4-Dinitrotoluene	1.1	U	2.1	1.1	ug/L		10/03/16 10:31	10/04/16 03:44	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 03:44	1
4-Chlorophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 03:44	1
Fluorene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 03:44	1
4-Nitroaniline	0.50	U	10	0.50	ug/L		10/03/16 10:31	10/04/16 03:44	1
N-Nitrosodiphenylamine	0.77	U	10	0.77	ug/L		10/03/16 10:31	10/04/16 03:44	1
4-Bromophenyl phenyl ether	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 03:44	1
Hexachlorobenzene	0.49	U	1.0	0.49	ug/L		10/03/16 10:31	10/04/16 03:44	1
Phenanthrene	0.68	U	10	0.68	ug/L		10/03/16 10:31	10/04/16 03:44	1
Anthracene	0.59	U	10	0.59	ug/L		10/03/16 10:31	10/04/16 03:44	1
Carbazole	0.89	U	10	0.89	ug/L		10/03/16 10:31	10/04/16 03:44	1
Di-n-butyl phthalate	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 03:44	1
Fluoranthene	0.75	U	10	0.75	ug/L		10/03/16 10:31	10/04/16 03:44	1
Pyrene	0.86	U	10	0.86	ug/L		10/03/16 10:31	10/04/16 03:44	1

Client Sample ID: MW-15

Date Collected: 09/28/16 10:00
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-1
Matrix: Water

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	0.63	U	10	0.63	ug/L		10/03/16 10:31	10/04/16 03:44	1
3,3'-Dichlorobenzidine	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 03:44	1
Benzo[a]anthracene	0.57	U	1.0	0.57	ug/L		10/03/16 10:31	10/04/16 03:44	1
Chrysene	0.70	U	2.1	0.70	ug/L		10/03/16 10:31	10/04/16 03:44	1
Bis(2-ethylhexyl) phthalate	0.75	U	2.1	0.75	ug/L		10/03/16 10:31	10/04/16 03:44	1
Di-n-octyl phthalate	0.72	U	10	0.72	ug/L		10/03/16 10:31	10/04/16 03:44	1
Benzo[b]fluoranthene	0.46	U	1.0	0.46	ug/L		10/03/16 10:31	10/04/16 03:44	1
Benzo[k]fluoranthene	0.19	U	1.0	0.19	ug/L		10/03/16 10:31	10/04/16 03:44	1
Benzo[a]pyrene	0.17	U	1.0	0.17	ug/L		10/03/16 10:31	10/04/16 03:44	1
Indeno[1,2,3-cd]pyrene	0.22	U	1.0	0.22	ug/L		10/03/16 10:31	10/04/16 03:44	1
Dibenz(a,h)anthracene	0.094	U	1.0	0.094	ug/L		10/03/16 10:31	10/04/16 03:44	1
Benzo[g,h,i]perylene	0.78	U	10	0.78	ug/L		10/03/16 10:31	10/04/16 03:44	1
bis (2-chloroisopropyl) ether	0.97	U	10	0.97	ug/L		10/03/16 10:31	10/04/16 03:44	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*10/03/16 10:31*	*10/04/16 03:44*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*75*		*49 - 125*	*10/03/16 10:31*	*10/04/16 03:44*	*1*
Terphenyl-d14	*78*		*28 - 150*	*10/03/16 10:31*	*10/04/16 03:44*	*1*
2-Fluorobiphenyl	*81*		*44 - 129*	*10/03/16 10:31*	*10/04/16 03:44*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 15:40	1
Aroclor 1221	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 15:40	1
Aroclor 1232	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 15:40	1
Aroclor 1242	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 15:40	1
Aroclor 1248	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 15:40	1
Aroclor 1254	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 15:40	1
Aroclor 1260	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 15:40	1
Aroclor 1262	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 15:40	1
Aroclor 1268	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 15:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*100*		*10 - 150*	*09/30/16 20:30*	*10/04/16 15:40*	*1*
DCB Decachlorobiphenyl	*104*		*10 - 150*	*09/30/16 20:30*	*10/04/16 15:40*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**181**		10.0	10.0	mg/L			10/03/16 14:29	1
Total Suspended Solids	**52.8**		2.0	2.0	mg/L			10/03/16 08:34	1

Client Sample ID: MW-10

Date Collected: 09/28/16 10:45
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-2
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/02/16 20:56	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/02/16 20:56	1

Client Sample ID: MW-10

Date Collected: 09/28/16 10:45
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-2

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	0.18	U	1.0	0.18	ug/L			10/02/16 20:56	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 20:56	1
Acetone	1.1	U	5.0	1.1	ug/L			10/02/16 20:56	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/02/16 20:56	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/02/16 20:56	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/02/16 20:56	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/02/16 20:56	1
Chloroform	**0.25**	**J**	1.0	0.22	ug/L			10/02/16 20:56	1
Toluene	0.25	U	1.0	0.25	ug/L			10/02/16 20:56	1
Benzene	0.090	U	1.0	0.090	ug/L			10/02/16 20:56	1
Freon TF	0.34	U	1.0	0.34	ug/L			10/02/16 20:56	1
Styrene	0.17	U	1.0	0.17	ug/L			10/02/16 20:56	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/02/16 20:56	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/02/16 20:56	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/02/16 20:56	1
Chlorobenzene	0.24	U	1.0	0.24	ug/L			10/02/16 20:56	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/02/16 20:56	1
1,2,4-Trichlorobenzene	0.27	U	1.0	0.27	ug/L			10/02/16 20:56	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			10/02/16 20:56	1
1,2-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/02/16 20:56	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 20:56	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 20:56	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/02/16 20:56	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/02/16 20:56	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/02/16 20:56	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/02/16 20:56	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/02/16 20:56	1
2-Butanone	2.2	U	5.0	2.2	ug/L			10/02/16 20:56	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/02/16 20:56	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/02/16 20:56	1
MTBE	0.13	U	1.0	0.13	ug/L			10/02/16 20:56	1
Tetrachloroethene	0.12	U	1.0	0.12	ug/L			10/02/16 20:56	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/02/16 20:56	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/02/16 20:56	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/02/16 20:56	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/02/16 20:56	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/02/16 20:56	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/02/16 20:56	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/02/16 20:56	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/02/16 20:56	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/02/16 20:56	1
Xylenes, Total	0.28	U	2.0	0.28	ug/L			10/02/16 20:56	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			10/02/16 20:56	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/02/16 20:56	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/02/16 20:56	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/02/16 20:56	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 20:56	1
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/02/16 20:56	1

Client Sample ID: MW-10

Date Collected: 09/28/16 10:45
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-2

Matrix: Water

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					10/02/16 20:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		48 - 130		10/02/16 20:56	1
Toluene-d8 (Surr)	103		80 - 120		10/02/16 20:56	1
Bromofluorobenzene	90		71 - 131		10/02/16 20:56	1
Dibromofluoromethane (Surr)	100		80 - 120		10/02/16 20:56	1

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.13	U	1.0	0.13	ug/L		10/03/16 10:31	10/04/16 04:06	1
1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L		10/03/16 10:31	10/04/16 04:06	1
1,4-Dichlorobenzene	0.69	U	10	0.69	ug/L		10/03/16 10:31	10/04/16 04:06	1
1,2-Dichlorobenzene	0.86	U	10	0.86	ug/L		10/03/16 10:31	10/04/16 04:06	1
N-Nitrosodi-n-propylamine	0.86	U	1.0	0.86	ug/L		10/03/16 10:31	10/04/16 04:06	1
Hexachloroethane	0.094	U	1.0	0.094	ug/L		10/03/16 10:31	10/04/16 04:06	1
Nitrobenzene	0.51	U	1.0	0.51	ug/L		10/03/16 10:31	10/04/16 04:06	1
Isophorone	0.70	U	10	0.70	ug/L		10/03/16 10:31	10/04/16 04:06	1
Bis(2-chloroethoxy)methane	0.72	U	10	0.72	ug/L		10/03/16 10:31	10/04/16 04:06	1
1,2,4-Trichlorobenzene	0.64	U	1.0	0.64	ug/L		10/03/16 10:31	10/04/16 04:06	1
Naphthalene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 04:06	1
4-Chloroaniline	0.76	U	10	0.76	ug/L		10/03/16 10:31	10/04/16 04:06	1
Hexachlorobutadiene	0.79	U	1.0	0.79	ug/L		10/03/16 10:31	10/04/16 04:06	1
2-Methylnaphthalene	0.92	U	10	0.92	ug/L		10/03/16 10:31	10/04/16 04:06	1
Hexachlorocyclopentadiene	0.64	U	10	0.64	ug/L		10/03/16 10:31	10/04/16 04:06	1
2-Chloronaphthalene	0.64	U	10	0.64	ug/L		10/03/16 10:31	10/04/16 04:06	1
2-Nitroaniline	0.68	U	10	0.68	ug/L		10/03/16 10:31	10/04/16 04:06	1
Dimethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 04:06	1
Acenaphthylene	0.68	U	10	0.68	ug/L		10/03/16 10:31	10/04/16 04:06	1
2,6-Dinitrotoluene	0.92	U	2.1	0.92	ug/L		10/03/16 10:31	10/04/16 04:06	1
3-Nitroaniline	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 04:06	1
Acenaphthene	0.92	U	10	0.92	ug/L		10/03/16 10:31	10/04/16 04:06	1
Dibenzofuran	0.89	U	10	0.89	ug/L		10/03/16 10:31	10/04/16 04:06	1
2,4-Dinitrotoluene	1.1	U	2.1	1.1	ug/L		10/03/16 10:31	10/04/16 04:06	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 04:06	1
4-Chlorophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 04:06	1
Fluorene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 04:06	1
4-Nitroaniline	0.50	U	10	0.50	ug/L		10/03/16 10:31	10/04/16 04:06	1
N-Nitrosodiphenylamine	0.77	U	10	0.77	ug/L		10/03/16 10:31	10/04/16 04:06	1
4-Bromophenyl phenyl ether	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 04:06	1
Hexachlorobenzene	0.49	U	1.0	0.49	ug/L		10/03/16 10:31	10/04/16 04:06	1
Phenanthrene	0.68	U	10	0.68	ug/L		10/03/16 10:31	10/04/16 04:06	1
Anthracene	0.59	U	10	0.59	ug/L		10/03/16 10:31	10/04/16 04:06	1
Carbazole	0.89	U	10	0.89	ug/L		10/03/16 10:31	10/04/16 04:06	1
Di-n-butyl phthalate	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 04:06	1
Fluoranthene	0.75	U	10	0.75	ug/L		10/03/16 10:31	10/04/16 04:06	1
Pyrene	0.86	U	10	0.86	ug/L		10/03/16 10:31	10/04/16 04:06	1
Butyl benzyl phthalate	0.63	U	10	0.63	ug/L		10/03/16 10:31	10/04/16 04:06	1
3,3'-Dichlorobenzidine	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 04:06	1
Benzo[a]anthracene	0.57	U	1.0	0.57	ug/L		10/03/16 10:31	10/04/16 04:06	1

Client Sample ID: MW-10

Date Collected: 09/28/16 10:45
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-2

Matrix: Water

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	0.70	U	2.1	0.70	ug/L		10/03/16 10:31	10/04/16 04:06	1
Bis(2-ethylhexyl) phthalate	0.75	U	2.1	0.75	ug/L		10/03/16 10:31	10/04/16 04:06	1
Di-n-octyl phthalate	0.72	U	10	0.72	ug/L		10/03/16 10:31	10/04/16 04:06	1
Benzo[b]fluoranthene	0.46	U	1.0	0.46	ug/L		10/03/16 10:31	10/04/16 04:06	1
Benzo[k]fluoranthene	0.19	U	1.0	0.19	ug/L		10/03/16 10:31	10/04/16 04:06	1
Benzo[a]pyrene	0.17	U	1.0	0.17	ug/L		10/03/16 10:31	10/04/16 04:06	1
Indeno[1,2,3-cd]pyrene	0.22	U	1.0	0.22	ug/L		10/03/16 10:31	10/04/16 04:06	1
Dibenz(a,h)anthracene	0.094	U	1.0	0.094	ug/L		10/03/16 10:31	10/04/16 04:06	1
Benzo[g,h,i]perylene	0.78	U	10	0.78	ug/L		10/03/16 10:31	10/04/16 04:06	1
bis (2-chloroisopropyl) ether	0.97	U	10	0.97	ug/L		10/03/16 10:31	10/04/16 04:06	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*10/03/16 10:31*	*10/04/16 04:06*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*78*		*49 - 125*	*10/03/16 10:31*	*10/04/16 04:06*	*1*
Terphenyl-d14	*72*		*28 - 150*	*10/03/16 10:31*	*10/04/16 04:06*	*1*
2-Fluorobiphenyl	*79*		*44 - 129*	*10/03/16 10:31*	*10/04/16 04:06*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 15:57	1
Aroclor 1221	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 15:57	1
Aroclor 1232	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 15:57	1
Aroclor 1242	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 15:57	1
Aroclor 1248	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 15:57	1
Aroclor 1254	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 15:57	1
Aroclor 1260	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 15:57	1
Aroclor 1262	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 15:57	1
Aroclor 1268	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*103*		*10 - 150*	*09/30/16 20:30*	*10/04/16 15:57*	*1*
DCB Decachlorobiphenyl	*103*		*10 - 150*	*09/30/16 20:30*	*10/04/16 15:57*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**124**		10.0	10.0	mg/L			10/03/16 14:29	1
Total Suspended Solids	**3.1**		1.0	1.0	mg/L			10/03/16 08:34	1

Client Sample ID: MW-15D

Date Collected: 09/28/16 11:30
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-3

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/02/16 21:18	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/02/16 21:18	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/02/16 21:18	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 21:18	1
Acetone	1.1	U	5.0	1.1	ug/L			10/02/16 21:18	1

Client Sample ID: MW-15D

Date Collected: 09/28/16 11:30
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-3

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/02/16 21:18	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/02/16 21:18	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/02/16 21:18	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/02/16 21:18	1
Chloroform	**0.53**	**J**	1.0	0.22	ug/L			10/02/16 21:18	1
Toluene	0.25	U	1.0	0.25	ug/L			10/02/16 21:18	1
Benzene	0.090	U	1.0	0.090	ug/L			10/02/16 21:18	1
Freon TF	0.34	U	1.0	0.34	ug/L			10/02/16 21:18	1
Styrene	0.17	U	1.0	0.17	ug/L			10/02/16 21:18	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/02/16 21:18	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/02/16 21:18	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/02/16 21:18	1
Chlorobenzene	0.24	U	1.0	0.24	ug/L			10/02/16 21:18	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/02/16 21:18	1
1,2,4-Trichlorobenzene	0.27	U	1.0	0.27	ug/L			10/02/16 21:18	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			10/02/16 21:18	1
1,2-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/02/16 21:18	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 21:18	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 21:18	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/02/16 21:18	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/02/16 21:18	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/02/16 21:18	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/02/16 21:18	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/02/16 21:18	1
2-Butanone	2.2	U	5.0	2.2	ug/L			10/02/16 21:18	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/02/16 21:18	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/02/16 21:18	1
MTBE	**0.31**	**J**	1.0	0.13	ug/L			10/02/16 21:18	1
Tetrachloroethene	0.12	U	1.0	0.12	ug/L			10/02/16 21:18	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/02/16 21:18	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/02/16 21:18	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/02/16 21:18	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/02/16 21:18	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/02/16 21:18	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/02/16 21:18	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/02/16 21:18	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/02/16 21:18	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/02/16 21:18	1
Xylenes, Total	0.28	U	2.0	0.28	ug/L			10/02/16 21:18	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			10/02/16 21:18	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/02/16 21:18	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/02/16 21:18	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/02/16 21:18	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 21:18	1
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/02/16 21:18	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/02/16 21:18*	*1*

Client Sample ID: MW-15D

Date Collected: 09/28/16 11:30
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-3

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*48 - 130*		*10/02/16 21:18*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*10/02/16 21:18*	*1*
Bromofluorobenzene	*90*		*71 - 131*		*10/02/16 21:18*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*10/02/16 21:18*	*1*

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.12	U	1.0	0.12	ug/L		10/03/16 10:31	10/04/16 04:28	1
1,3-Dichlorobenzene	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 04:28	1
1,4-Dichlorobenzene	0.66	U	10	0.66	ug/L		10/03/16 10:31	10/04/16 04:28	1
1,2-Dichlorobenzene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 04:28	1
N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83	ug/L		10/03/16 10:31	10/04/16 04:28	1
Hexachloroethane	0.090	U	1.0	0.090	ug/L		10/03/16 10:31	10/04/16 04:28	1
Nitrobenzene	0.49	U	1.0	0.49	ug/L		10/03/16 10:31	10/04/16 04:28	1
Isophorone	0.67	U	10	0.67	ug/L		10/03/16 10:31	10/04/16 04:28	1
Bis(2-chloroethoxy)methane	0.69	U	10	0.69	ug/L		10/03/16 10:31	10/04/16 04:28	1
1,2,4-Trichlorobenzene	0.61	U	1.0	0.61	ug/L		10/03/16 10:31	10/04/16 04:28	1
Naphthalene	0.80	U	10	0.80	ug/L		10/03/16 10:31	10/04/16 04:28	1
4-Chloroaniline	0.73	U	10	0.73	ug/L		10/03/16 10:31	10/04/16 04:28	1
Hexachlorobutadiene	0.76	U	1.0	0.76	ug/L		10/03/16 10:31	10/04/16 04:28	1
2-Methylnaphthalene	0.88	U	10	0.88	ug/L		10/03/16 10:31	10/04/16 04:28	1
Hexachlorocyclopentadiene	0.61	U	10	0.61	ug/L		10/03/16 10:31	10/04/16 04:28	1
2-Chloronaphthalene	0.61	U	10	0.61	ug/L		10/03/16 10:31	10/04/16 04:28	1
2-Nitroaniline	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 04:28	1
Dimethyl phthalate	0.98	U	10	0.98	ug/L		10/03/16 10:31	10/04/16 04:28	1
Acenaphthylene	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 04:28	1
2,6-Dinitrotoluene	0.88	U	2.0	0.88	ug/L		10/03/16 10:31	10/04/16 04:28	1
3-Nitroaniline	0.82	U	10	0.82	ug/L		10/03/16 10:31	10/04/16 04:28	1
Acenaphthene	0.88	U	10	0.88	ug/L		10/03/16 10:31	10/04/16 04:28	1
Dibenzofuran	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 04:28	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		10/03/16 10:31	10/04/16 04:28	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 04:28	1
4-Chlorophenyl phenyl ether	0.96	U	10	0.96	ug/L		10/03/16 10:31	10/04/16 04:28	1
Fluorene	0.80	U	10	0.80	ug/L		10/03/16 10:31	10/04/16 04:28	1
4-Nitroaniline	0.48	U	10	0.48	ug/L		10/03/16 10:31	10/04/16 04:28	1
N-Nitrosodiphenylamine	0.74	U	10	0.74	ug/L		10/03/16 10:31	10/04/16 04:28	1
4-Bromophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 04:28	1
Hexachlorobenzene	0.47	U	1.0	0.47	ug/L		10/03/16 10:31	10/04/16 04:28	1
Phenanthrene	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 04:28	1
Anthracene	0.57	U	10	0.57	ug/L		10/03/16 10:31	10/04/16 04:28	1
Carbazole	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 04:28	1
Di-n-butyl phthalate	0.82	U	10	0.82	ug/L		10/03/16 10:31	10/04/16 04:28	1
Fluoranthene	0.72	U	10	0.72	ug/L		10/03/16 10:31	10/04/16 04:28	1
Pyrene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 04:28	1
Butyl benzyl phthalate	0.60	U	10	0.60	ug/L		10/03/16 10:31	10/04/16 04:28	1
3,3'-Dichlorobenzidine	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 04:28	1
Benzo[a]anthracene	0.55	U	1.0	0.55	ug/L		10/03/16 10:31	10/04/16 04:28	1
Chrysene	0.67	U	2.0	0.67	ug/L		10/03/16 10:31	10/04/16 04:28	1
Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72	ug/L		10/03/16 10:31	10/04/16 04:28	1
Di-n-octyl phthalate	0.69	U	10	0.69	ug/L		10/03/16 10:31	10/04/16 04:28	1

Client Sample ID: MW-15D

Date Collected: 09/28/16 11:30
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-3

Matrix: Water

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	0.44	U	1.0	0.44	ug/L		10/03/16 10:31	10/04/16 04:28	1
Benzo[k]fluoranthene	0.18	U	1.0	0.18	ug/L		10/03/16 10:31	10/04/16 04:28	1
Benzo[a]pyrene	0.16	U	1.0	0.16	ug/L		10/03/16 10:31	10/04/16 04:28	1
Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21	ug/L		10/03/16 10:31	10/04/16 04:28	1
Dibenz(a,h)anthracene	0.090	U	1.0	0.090	ug/L		10/03/16 10:31	10/04/16 04:28	1
Benzo[g,h,i]perylene	0.75	U	10	0.75	ug/L		10/03/16 10:31	10/04/16 04:28	1
bis (2-chloroisopropyl) ether	0.93	U	10	0.93	ug/L		10/03/16 10:31	10/04/16 04:28	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*10/03/16 10:31*	*10/04/16 04:28*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*75*		*49 - 125*	*10/03/16 10:31*	*10/04/16 04:28*	*1*
Terphenyl-d14	*77*		*28 - 150*	*10/03/16 10:31*	*10/04/16 04:28*	*1*
2-Fluorobiphenyl	*74*		*44 - 129*	*10/03/16 10:31*	*10/04/16 04:28*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 16:14	1
Aroclor 1221	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 16:14	1
Aroclor 1232	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 16:14	1
Aroclor 1242	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 16:14	1
Aroclor 1248	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 16:14	1
Aroclor 1254	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 16:14	1
Aroclor 1260	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 16:14	1
Aroclor 1262	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 16:14	1
Aroclor 1268	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 16:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*92*		*10 - 150*	*09/30/16 20:30*	*10/04/16 16:14*	*1*
DCB Decachlorobiphenyl	*92*		*10 - 150*	*09/30/16 20:30*	*10/04/16 16:14*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**171**		10.0	10.0	mg/L			10/03/16 14:29	1
Total Suspended Solids	**94.4**		4.0	4.0	mg/L			10/03/16 08:34	1

Client Sample ID: MW-21

Date Collected: 09/28/16 13:40
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-4

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/02/16 21:40	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/02/16 21:40	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/02/16 21:40	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 21:40	1
Acetone	1.1	U	5.0	1.1	ug/L			10/02/16 21:40	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/02/16 21:40	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/02/16 21:40	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/02/16 21:40	1

Client Sample ID: MW-21
Date Collected: 09/28/16 13:40
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-4
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/02/16 21:40	1
Chloroform	0.22	U	1.0	0.22	ug/L			10/02/16 21:40	1
Toluene	0.25	U	1.0	0.25	ug/L			10/02/16 21:40	1
Benzene	0.090	U	1.0	0.090	ug/L			10/02/16 21:40	1
Freon TF	0.34	U	1.0	0.34	ug/L			10/02/16 21:40	1
Styrene	0.17	U	1.0	0.17	ug/L			10/02/16 21:40	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/02/16 21:40	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/02/16 21:40	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/02/16 21:40	1
Chlorobenzene	0.24	U	1.0	0.24	ug/L			10/02/16 21:40	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/02/16 21:40	1
1,2,4-Trichlorobenzene	0.27	U	1.0	0.27	ug/L			10/02/16 21:40	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			10/02/16 21:40	1
1,2-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/02/16 21:40	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 21:40	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 21:40	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/02/16 21:40	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/02/16 21:40	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/02/16 21:40	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/02/16 21:40	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/02/16 21:40	1
2-Butanone	2.2	U	5.0	2.2	ug/L			10/02/16 21:40	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/02/16 21:40	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/02/16 21:40	1
MTBE	0.13	U	1.0	0.13	ug/L			10/02/16 21:40	1
Tetrachloroethene	0.12	U	1.0	0.12	ug/L			10/02/16 21:40	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/02/16 21:40	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/02/16 21:40	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/02/16 21:40	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/02/16 21:40	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/02/16 21:40	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/02/16 21:40	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/02/16 21:40	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/02/16 21:40	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/02/16 21:40	1
Xylenes, Total	0.28	U	2.0	0.28	ug/L			10/02/16 21:40	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			10/02/16 21:40	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/02/16 21:40	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/02/16 21:40	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/02/16 21:40	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 21:40	1
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/02/16 21:40	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/02/16 21:40*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*48 - 130*		*10/02/16 21:40*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*10/02/16 21:40*	*1*
Bromofluorobenzene	*91*		*71 - 131*		*10/02/16 21:40*	*1*

Client Sample ID: MW-21
Date Collected: 09/28/16 13:40
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-4
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*10/02/16 21:40*	*1*

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.13	U	1.0	0.13	ug/L		10/03/16 10:31	10/04/16 04:50	1
1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L		10/03/16 10:31	10/04/16 04:50	1
1,4-Dichlorobenzene	0.69	U	10	0.69	ug/L		10/03/16 10:31	10/04/16 04:50	1
1,2-Dichlorobenzene	0.86	U	10	0.86	ug/L		10/03/16 10:31	10/04/16 04:50	1
N-Nitrosodi-n-propylamine	0.86	U	1.0	0.86	ug/L		10/03/16 10:31	10/04/16 04:50	1
Hexachloroethane	0.094	U	1.0	0.094	ug/L		10/03/16 10:31	10/04/16 04:50	1
Nitrobenzene	0.51	U	1.0	0.51	ug/L		10/03/16 10:31	10/04/16 04:50	1
Isophorone	0.70	U	10	0.70	ug/L		10/03/16 10:31	10/04/16 04:50	1
Bis(2-chloroethoxy)methane	0.72	U	10	0.72	ug/L		10/03/16 10:31	10/04/16 04:50	1
1,2,4-Trichlorobenzene	0.64	U	1.0	0.64	ug/L		10/03/16 10:31	10/04/16 04:50	1
Naphthalene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 04:50	1
4-Chloroaniline	0.76	U	10	0.76	ug/L		10/03/16 10:31	10/04/16 04:50	1
Hexachlorobutadiene	0.79	U	1.0	0.79	ug/L		10/03/16 10:31	10/04/16 04:50	1
2-Methylnaphthalene	0.92	U	10	0.92	ug/L		10/03/16 10:31	10/04/16 04:50	1
Hexachlorocyclopentadiene	0.64	U	10	0.64	ug/L		10/03/16 10:31	10/04/16 04:50	1
2-Chloronaphthalene	0.64	U	10	0.64	ug/L		10/03/16 10:31	10/04/16 04:50	1
2-Nitroaniline	0.68	U	10	0.68	ug/L		10/03/16 10:31	10/04/16 04:50	1
Dimethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 04:50	1
Acenaphthylene	0.68	U	10	0.68	ug/L		10/03/16 10:31	10/04/16 04:50	1
2,6-Dinitrotoluene	0.92	U	2.1	0.92	ug/L		10/03/16 10:31	10/04/16 04:50	1
3-Nitroaniline	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 04:50	1
Acenaphthene	0.92	U	10	0.92	ug/L		10/03/16 10:31	10/04/16 04:50	1
Dibenzofuran	0.89	U	10	0.89	ug/L		10/03/16 10:31	10/04/16 04:50	1
2,4-Dinitrotoluene	1.1	U	2.1	1.1	ug/L		10/03/16 10:31	10/04/16 04:50	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 04:50	1
4-Chlorophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 04:50	1
Fluorene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 04:50	1
4-Nitroaniline	0.50	U	10	0.50	ug/L		10/03/16 10:31	10/04/16 04:50	1
N-Nitrosodiphenylamine	0.77	U	10	0.77	ug/L		10/03/16 10:31	10/04/16 04:50	1
4-Bromophenyl phenyl ether	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 04:50	1
Hexachlorobenzene	0.49	U	1.0	0.49	ug/L		10/03/16 10:31	10/04/16 04:50	1
Phenanthrene	0.68	U	10	0.68	ug/L		10/03/16 10:31	10/04/16 04:50	1
Anthracene	0.59	U	10	0.59	ug/L		10/03/16 10:31	10/04/16 04:50	1
Carbazole	0.89	U	10	0.89	ug/L		10/03/16 10:31	10/04/16 04:50	1
Di-n-butyl phthalate	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 04:50	1
Fluoranthene	0.75	U	10	0.75	ug/L		10/03/16 10:31	10/04/16 04:50	1
Pyrene	0.86	U	10	0.86	ug/L		10/03/16 10:31	10/04/16 04:50	1
Butyl benzyl phthalate	0.63	U	10	0.63	ug/L		10/03/16 10:31	10/04/16 04:50	1
3,3'-Dichlorobenzidine	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 04:50	1
Benzo[a]anthracene	0.57	U	1.0	0.57	ug/L		10/03/16 10:31	10/04/16 04:50	1
Chrysene	0.70	U	2.1	0.70	ug/L		10/03/16 10:31	10/04/16 04:50	1
Bis(2-ethylhexyl) phthalate	0.75	U	2.1	0.75	ug/L		10/03/16 10:31	10/04/16 04:50	1
Di-n-octyl phthalate	0.72	U	10	0.72	ug/L		10/03/16 10:31	10/04/16 04:50	1
Benzo[b]fluoranthene	0.46	U	1.0	0.46	ug/L		10/03/16 10:31	10/04/16 04:50	1
Benzo[k]fluoranthene	0.19	U	1.0	0.19	ug/L		10/03/16 10:31	10/04/16 04:50	1

Client Sample ID: MW-21

Date Collected: 09/28/16 13:40
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-4

Matrix: Water

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	0.17	U	1.0	0.17	ug/L		10/03/16 10:31	10/04/16 04:50	1
Indeno[1,2,3-cd]pyrene	0.22	U	1.0	0.22	ug/L		10/03/16 10:31	10/04/16 04:50	1
Dibenz(a,h)anthracene	0.094	U	1.0	0.094	ug/L		10/03/16 10:31	10/04/16 04:50	1
Benzo[g,h,i]perylene	0.78	U	10	0.78	ug/L		10/03/16 10:31	10/04/16 04:50	1
bis (2-chloroisopropyl) ether	0.97	U	10	0.97	ug/L		10/03/16 10:31	10/04/16 04:50	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*10/03/16 10:31*	*10/04/16 04:50*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*75*		*49 - 125*	*10/03/16 10:31*	*10/04/16 04:50*	*1*
Terphenyl-d14	*78*		*28 - 150*	*10/03/16 10:31*	*10/04/16 04:50*	*1*
2-Fluorobiphenyl	*79*		*44 - 129*	*10/03/16 10:31*	*10/04/16 04:50*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 16:30	1
Aroclor 1221	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 16:30	1
Aroclor 1232	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 16:30	1
Aroclor 1242	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 16:30	1
Aroclor 1248	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 16:30	1
Aroclor 1254	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 16:30	1
Aroclor 1260	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 16:30	1
Aroclor 1262	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 16:30	1
Aroclor 1268	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*105*		*10 - 150*	*09/30/16 20:30*	*10/04/16 16:30*	*1*
DCB Decachlorobiphenyl	*115*		*10 - 150*	*09/30/16 20:30*	*10/04/16 16:30*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**97.0**		10.0	10.0	mg/L			10/03/16 14:29	1
Total Suspended Solids	1.0	U	1.0	1.0	mg/L			10/03/16 08:34	1

Client Sample ID: MW-20

Date Collected: 09/28/16 13:45
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-5

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/02/16 22:02	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/02/16 22:02	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/02/16 22:02	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 22:02	1
Acetone	1.1	U	5.0	1.1	ug/L			10/02/16 22:02	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/02/16 22:02	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/02/16 22:02	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/02/16 22:02	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/02/16 22:02	1
Chloroform	**1.0**		1.0	0.22	ug/L			10/02/16 22:02	1

Client Sample ID: MW-20

Date Collected: 09/28/16 13:45
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-5

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.25	U	1.0	0.25	ug/L			10/02/16 22:02	1
Benzene	0.090	U	1.0	0.090	ug/L			10/02/16 22:02	1
Freon TF	0.34	U	1.0	0.34	ug/L			10/02/16 22:02	1
Styrene	0.17	U	1.0	0.17	ug/L			10/02/16 22:02	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/02/16 22:02	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/02/16 22:02	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/02/16 22:02	1
Chlorobenzene	0.24	U	1.0	0.24	ug/L			10/02/16 22:02	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/02/16 22:02	1
1,2,4-Trichlorobenzene	0.27	U	1.0	0.27	ug/L			10/02/16 22:02	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			10/02/16 22:02	1
1,2-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/02/16 22:02	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 22:02	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 22:02	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/02/16 22:02	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/02/16 22:02	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/02/16 22:02	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/02/16 22:02	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/02/16 22:02	1
2-Butanone	2.2	U	5.0	2.2	ug/L			10/02/16 22:02	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/02/16 22:02	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/02/16 22:02	1
MTBE	0.13	U	1.0	0.13	ug/L			10/02/16 22:02	1
Tetrachloroethene	0.12	U	1.0	0.12	ug/L			10/02/16 22:02	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/02/16 22:02	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/02/16 22:02	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/02/16 22:02	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/02/16 22:02	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/02/16 22:02	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/02/16 22:02	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/02/16 22:02	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/02/16 22:02	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/02/16 22:02	1
Xylenes, Total	0.28	U	2.0	0.28	ug/L			10/02/16 22:02	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			10/02/16 22:02	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/02/16 22:02	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/02/16 22:02	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/02/16 22:02	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 22:02	1
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/02/16 22:02	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/02/16 22:02*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*48 - 130*		*10/02/16 22:02*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*10/02/16 22:02*	*1*
Bromofluorobenzene	*91*		*71 - 131*		*10/02/16 22:02*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*10/02/16 22:02*	*1*

Client Sample ID: MW-20

Date Collected: 09/28/16 13:45
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-5

Matrix: Water

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.12	U	1.0	0.12	ug/L		10/03/16 10:31	10/04/16 05:12	1
1,3-Dichlorobenzene	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 05:12	1
1,4-Dichlorobenzene	0.66	U	10	0.66	ug/L		10/03/16 10:31	10/04/16 05:12	1
1,2-Dichlorobenzene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 05:12	1
N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83	ug/L		10/03/16 10:31	10/04/16 05:12	1
Hexachloroethane	0.090	U	1.0	0.090	ug/L		10/03/16 10:31	10/04/16 05:12	1
Nitrobenzene	0.49	U	1.0	0.49	ug/L		10/03/16 10:31	10/04/16 05:12	1
Isophorone	0.67	U	10	0.67	ug/L		10/03/16 10:31	10/04/16 05:12	1
Bis(2-chloroethoxy)methane	0.69	U	10	0.69	ug/L		10/03/16 10:31	10/04/16 05:12	1
1,2,4-Trichlorobenzene	0.61	U	1.0	0.61	ug/L		10/03/16 10:31	10/04/16 05:12	1
Naphthalene	0.80	U	10	0.80	ug/L		10/03/16 10:31	10/04/16 05:12	1
4-Chloroaniline	0.73	U	10	0.73	ug/L		10/03/16 10:31	10/04/16 05:12	1
Hexachlorobutadiene	0.76	U	1.0	0.76	ug/L		10/03/16 10:31	10/04/16 05:12	1
2-Methylnaphthalene	0.88	U	10	0.88	ug/L		10/03/16 10:31	10/04/16 05:12	1
Hexachlorocyclopentadiene	0.61	U	10	0.61	ug/L		10/03/16 10:31	10/04/16 05:12	1
2-Chloronaphthalene	0.61	U	10	0.61	ug/L		10/03/16 10:31	10/04/16 05:12	1
2-Nitroaniline	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 05:12	1
Dimethyl phthalate	0.98	U	10	0.98	ug/L		10/03/16 10:31	10/04/16 05:12	1
Acenaphthylene	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 05:12	1
2,6-Dinitrotoluene	0.88	U	2.0	0.88	ug/L		10/03/16 10:31	10/04/16 05:12	1
3-Nitroaniline	0.82	U	10	0.82	ug/L		10/03/16 10:31	10/04/16 05:12	1
Acenaphthene	0.88	U	10	0.88	ug/L		10/03/16 10:31	10/04/16 05:12	1
Dibenzofuran	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 05:12	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		10/03/16 10:31	10/04/16 05:12	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 05:12	1
4-Chlorophenyl phenyl ether	0.96	U	10	0.96	ug/L		10/03/16 10:31	10/04/16 05:12	1
Fluorene	0.80	U	10	0.80	ug/L		10/03/16 10:31	10/04/16 05:12	1
4-Nitroaniline	0.48	U	10	0.48	ug/L		10/03/16 10:31	10/04/16 05:12	1
N-Nitrosodiphenylamine	0.74	U	10	0.74	ug/L		10/03/16 10:31	10/04/16 05:12	1
4-Bromophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 05:12	1
Hexachlorobenzene	0.47	U	1.0	0.47	ug/L		10/03/16 10:31	10/04/16 05:12	1
Phenanthrene	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 05:12	1
Anthracene	0.57	U	10	0.57	ug/L		10/03/16 10:31	10/04/16 05:12	1
Carbazole	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 05:12	1
Di-n-butyl phthalate	0.82	U	10	0.82	ug/L		10/03/16 10:31	10/04/16 05:12	1
Fluoranthene	0.72	U	10	0.72	ug/L		10/03/16 10:31	10/04/16 05:12	1
Pyrene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 05:12	1
Butyl benzyl phthalate	0.60	U	10	0.60	ug/L		10/03/16 10:31	10/04/16 05:12	1
3,3'-Dichlorobenzidine	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 05:12	1
Benzo[a]anthracene	0.55	U	1.0	0.55	ug/L		10/03/16 10:31	10/04/16 05:12	1
Chrysene	0.67	U	2.0	0.67	ug/L		10/03/16 10:31	10/04/16 05:12	1
Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72	ug/L		10/03/16 10:31	10/04/16 05:12	1
Di-n-octyl phthalate	0.69	U	10	0.69	ug/L		10/03/16 10:31	10/04/16 05:12	1
Benzo[b]fluoranthene	0.44	U	1.0	0.44	ug/L		10/03/16 10:31	10/04/16 05:12	1
Benzo[k]fluoranthene	0.18	U	1.0	0.18	ug/L		10/03/16 10:31	10/04/16 05:12	1
Benzo[a]pyrene	0.16	U	1.0	0.16	ug/L		10/03/16 10:31	10/04/16 05:12	1
Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21	ug/L		10/03/16 10:31	10/04/16 05:12	1
Dibenz(a,h)anthracene	0.090	U	1.0	0.090	ug/L		10/03/16 10:31	10/04/16 05:12	1
Benzo[g,h,i]perylene	0.75	U	10	0.75	ug/L		10/03/16 10:31	10/04/16 05:12	1

Client Sample ID: MW-20

Date Collected: 09/28/16 13:45
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-5
Matrix: Water

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	0.93	U	10	0.93	ug/L		10/03/16 10:31	10/04/16 05:12	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*10/03/16 10:31*	*10/04/16 05:12*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*71*		*49 - 125*	*10/03/16 10:31*	*10/04/16 05:12*	*1*
Terphenyl-d14	*71*		*28 - 150*	*10/03/16 10:31*	*10/04/16 05:12*	*1*
2-Fluorobiphenyl	*76*		*44 - 129*	*10/03/16 10:31*	*10/04/16 05:12*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 16:47	1
Aroclor 1221	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 16:47	1
Aroclor 1232	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 16:47	1
Aroclor 1242	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 16:47	1
Aroclor 1248	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 16:47	1
Aroclor 1254	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 16:47	1
Aroclor 1260	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 16:47	1
Aroclor 1262	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 16:47	1
Aroclor 1268	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 16:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*92*		*10 - 150*	*09/30/16 20:30*	*10/04/16 16:47*	*1*
DCB Decachlorobiphenyl	*100*		*10 - 150*	*09/30/16 20:30*	*10/04/16 16:47*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**105**		10.0	10.0	mg/L			10/03/16 14:29	1
Total Suspended Solids	**30.0**		3.3	3.3	mg/L			10/03/16 08:34	1

Client Sample ID: MW-6

Date Collected: 09/28/16 15:15
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-6
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/02/16 22:24	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/02/16 22:24	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/02/16 22:24	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 22:24	1
Acetone	1.1	U	5.0	1.1	ug/L			10/02/16 22:24	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/02/16 22:24	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/02/16 22:24	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/02/16 22:24	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/02/16 22:24	1
Chloroform	0.22	U	1.0	0.22	ug/L			10/02/16 22:24	1
Toluene	0.25	U	1.0	0.25	ug/L			10/02/16 22:24	1
Benzene	0.090	U	1.0	0.090	ug/L			10/02/16 22:24	1
Freon TF	0.34	U	1.0	0.34	ug/L			10/02/16 22:24	1
Styrene	0.17	U	1.0	0.17	ug/L			10/02/16 22:24	1

Client Sample ID: MW-6
Date Collected: 09/28/16 15:15
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-6
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	0.18	U	1.0	0.18	ug/L			10/02/16 22:24	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/02/16 22:24	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/02/16 22:24	1
Chlorobenzene	0.24	U	1.0	0.24	ug/L			10/02/16 22:24	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/02/16 22:24	1
1,2,4-Trichlorobenzene	0.27	U	1.0	0.27	ug/L			10/02/16 22:24	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			10/02/16 22:24	1
1,2-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/02/16 22:24	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 22:24	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 22:24	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/02/16 22:24	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/02/16 22:24	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/02/16 22:24	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/02/16 22:24	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/02/16 22:24	1
2-Butanone	2.2	U	5.0	2.2	ug/L			10/02/16 22:24	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/02/16 22:24	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/02/16 22:24	1
MTBE	0.13	U	1.0	0.13	ug/L			10/02/16 22:24	1
Tetrachloroethene	0.12	U	1.0	0.12	ug/L			10/02/16 22:24	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/02/16 22:24	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/02/16 22:24	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/02/16 22:24	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/02/16 22:24	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/02/16 22:24	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/02/16 22:24	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/02/16 22:24	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/02/16 22:24	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/02/16 22:24	1
Xylenes, Total	0.28	U	2.0	0.28	ug/L			10/02/16 22:24	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			10/02/16 22:24	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/02/16 22:24	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/02/16 22:24	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/02/16 22:24	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 22:24	1
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/02/16 22:24	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/02/16 22:24*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*48 - 130*		*10/02/16 22:24*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*10/02/16 22:24*	*1*
Bromofluorobenzene	*90*		*71 - 131*		*10/02/16 22:24*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*10/02/16 22:24*	*1*

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.12	U	1.0	0.12	ug/L		10/03/16 10:31	10/04/16 05:35	1
1,3-Dichlorobenzene	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 05:35	1

Client Sample ID: MW-6

Date Collected: 09/28/16 15:15
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-6

Matrix: Water

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.66	U	10	0.66	ug/L		10/03/16 10:31	10/04/16 05:35	1
1,2-Dichlorobenzene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 05:35	1
N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83	ug/L		10/03/16 10:31	10/04/16 05:35	1
Hexachloroethane	0.090	U	1.0	0.090	ug/L		10/03/16 10:31	10/04/16 05:35	1
Nitrobenzene	0.49	U	1.0	0.49	ug/L		10/03/16 10:31	10/04/16 05:35	1
Isophorone	0.67	U	10	0.67	ug/L		10/03/16 10:31	10/04/16 05:35	1
Bis(2-chloroethoxy)methane	0.69	U	10	0.69	ug/L		10/03/16 10:31	10/04/16 05:35	1
1,2,4-Trichlorobenzene	0.61	U	1.0	0.61	ug/L		10/03/16 10:31	10/04/16 05:35	1
Naphthalene	0.80	U	10	0.80	ug/L		10/03/16 10:31	10/04/16 05:35	1
4-Chloroaniline	0.73	U	10	0.73	ug/L		10/03/16 10:31	10/04/16 05:35	1
Hexachlorobutadiene	0.76	U	1.0	0.76	ug/L		10/03/16 10:31	10/04/16 05:35	1
2-Methylnaphthalene	0.88	U	10	0.88	ug/L		10/03/16 10:31	10/04/16 05:35	1
Hexachlorocyclopentadiene	0.61	U	10	0.61	ug/L		10/03/16 10:31	10/04/16 05:35	1
2-Chloronaphthalene	0.61	U	10	0.61	ug/L		10/03/16 10:31	10/04/16 05:35	1
2-Nitroaniline	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 05:35	1
Dimethyl phthalate	0.98	U	10	0.98	ug/L		10/03/16 10:31	10/04/16 05:35	1
Acenaphthylene	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 05:35	1
2,6-Dinitrotoluene	0.88	U	2.0	0.88	ug/L		10/03/16 10:31	10/04/16 05:35	1
3-Nitroaniline	0.82	U	10	0.82	ug/L		10/03/16 10:31	10/04/16 05:35	1
Acenaphthene	0.88	U	10	0.88	ug/L		10/03/16 10:31	10/04/16 05:35	1
Dibenzofuran	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 05:35	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		10/03/16 10:31	10/04/16 05:35	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 05:35	1
4-Chlorophenyl phenyl ether	0.96	U	10	0.96	ug/L		10/03/16 10:31	10/04/16 05:35	1
Fluorene	0.80	U	10	0.80	ug/L		10/03/16 10:31	10/04/16 05:35	1
4-Nitroaniline	0.48	U	10	0.48	ug/L		10/03/16 10:31	10/04/16 05:35	1
N-Nitrosodiphenylamine	0.74	U	10	0.74	ug/L		10/03/16 10:31	10/04/16 05:35	1
4-Bromophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 05:35	1
Hexachlorobenzene	0.47	U	1.0	0.47	ug/L		10/03/16 10:31	10/04/16 05:35	1
Phenanthrene	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 05:35	1
Anthracene	0.57	U	10	0.57	ug/L		10/03/16 10:31	10/04/16 05:35	1
Carbazole	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 05:35	1
Di-n-butyl phthalate	0.82	U	10	0.82	ug/L		10/03/16 10:31	10/04/16 05:35	1
Fluoranthene	0.72	U	10	0.72	ug/L		10/03/16 10:31	10/04/16 05:35	1
Pyrene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 05:35	1
Butyl benzyl phthalate	0.60	U	10	0.60	ug/L		10/03/16 10:31	10/04/16 05:35	1
3,3'-Dichlorobenzidine	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 05:35	1
Benzo[a]anthracene	0.55	U	1.0	0.55	ug/L		10/03/16 10:31	10/04/16 05:35	1
Chrysene	0.67	U	2.0	0.67	ug/L		10/03/16 10:31	10/04/16 05:35	1
Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72	ug/L		10/03/16 10:31	10/04/16 05:35	1
Di-n-octyl phthalate	0.69	U	10	0.69	ug/L		10/03/16 10:31	10/04/16 05:35	1
Benzo[b]fluoranthene	0.44	U	1.0	0.44	ug/L		10/03/16 10:31	10/04/16 05:35	1
Benzo[k]fluoranthene	0.18	U	1.0	0.18	ug/L		10/03/16 10:31	10/04/16 05:35	1
Benzo[a]pyrene	0.16	U	1.0	0.16	ug/L		10/03/16 10:31	10/04/16 05:35	1
Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21	ug/L		10/03/16 10:31	10/04/16 05:35	1
Dibenz(a,h)anthracene	0.090	U	1.0	0.090	ug/L		10/03/16 10:31	10/04/16 05:35	1
Benzo[g,h,i]perylene	0.75	U	10	0.75	ug/L		10/03/16 10:31	10/04/16 05:35	1
bis (2-chloroisopropyl) ether	0.93	U	10	0.93	ug/L		10/03/16 10:31	10/04/16 05:35	1

Client Sample ID: MW-6

Date Collected: 09/28/16 15:15
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-6

Matrix: Water

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L				10/03/16 10:31	10/04/16 05:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	72		49 - 125	10/03/16 10:31	10/04/16 05:35	1
Terphenyl-d14	79		28 - 150	10/03/16 10:31	10/04/16 05:35	1
2-Fluorobiphenyl	81		44 - 129	10/03/16 10:31	10/04/16 05:35	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 17:04	1
Aroclor 1221	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 17:04	1
Aroclor 1232	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 17:04	1
Aroclor 1242	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 17:04	1
Aroclor 1248	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 17:04	1
Aroclor 1254	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 17:04	1
Aroclor 1260	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 17:04	1
Aroclor 1262	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 17:04	1
Aroclor 1268	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 17:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	90		10 - 150	09/30/16 20:30	10/04/16 17:04	1
DCB Decachlorobiphenyl	93		10 - 150	09/30/16 20:30	10/04/16 17:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**42.0**		10.0	10.0	mg/L			10/03/16 14:29	1
Total Suspended Solids	**2.4**		1.0	1.0	mg/L			10/03/16 08:34	1

Client Sample ID: MW-6 Filtered

Date Collected: 09/28/16 15:25
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-7

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/02/16 22:45	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/02/16 22:45	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/02/16 22:45	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 22:45	1
Acetone	1.1	U	5.0	1.1	ug/L			10/02/16 22:45	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/02/16 22:45	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/02/16 22:45	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/02/16 22:45	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/02/16 22:45	1
Chloroform	0.22	U	1.0	0.22	ug/L			10/02/16 22:45	1
Toluene	0.25	U	1.0	0.25	ug/L			10/02/16 22:45	1
Benzene	0.090	U	1.0	0.090	ug/L			10/02/16 22:45	1
Freon TF	0.34	U	1.0	0.34	ug/L			10/02/16 22:45	1
Styrene	0.17	U	1.0	0.17	ug/L			10/02/16 22:45	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/02/16 22:45	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/02/16 22:45	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/02/16 22:45	1

Client Sample ID: MW-6 Filtered

Date Collected: 09/28/16 15:25
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-7

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.24	U	1.0	0.24	ug/L			10/02/16 22:45	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/02/16 22:45	1
1,2,4-Trichlorobenzene	0.27	U	1.0	0.27	ug/L			10/02/16 22:45	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			10/02/16 22:45	1
1,2-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/02/16 22:45	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 22:45	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 22:45	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/02/16 22:45	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/02/16 22:45	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/02/16 22:45	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/02/16 22:45	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/02/16 22:45	1
2-Butanone	2.2	U	5.0	2.2	ug/L			10/02/16 22:45	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/02/16 22:45	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/02/16 22:45	1
MTBE	0.13	U	1.0	0.13	ug/L			10/02/16 22:45	1
Tetrachloroethene	0.12	U	1.0	0.12	ug/L			10/02/16 22:45	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/02/16 22:45	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/02/16 22:45	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/02/16 22:45	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/02/16 22:45	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/02/16 22:45	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/02/16 22:45	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/02/16 22:45	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/02/16 22:45	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/02/16 22:45	1
Xylenes, Total	0.28	U	2.0	0.28	ug/L			10/02/16 22:45	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			10/02/16 22:45	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/02/16 22:45	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/02/16 22:45	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/02/16 22:45	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 22:45	1
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/02/16 22:45	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/02/16 22:45*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*48 - 130*		*10/02/16 22:45*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*10/02/16 22:45*	*1*
Bromofluorobenzene	*92*		*71 - 131*		*10/02/16 22:45*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*10/02/16 22:45*	*1*

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.12	U	1.0	0.12	ug/L		10/03/16 10:31	10/04/16 05:57	1
1,3-Dichlorobenzene	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 05:57	1
1,4-Dichlorobenzene	0.67	U	10	0.67	ug/L		10/03/16 10:31	10/04/16 05:57	1
1,2-Dichlorobenzene	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 05:57	1
N-Nitrosodi-n-propylamine	0.85	U	1.0	0.85	ug/L		10/03/16 10:31	10/04/16 05:57	1

Client Sample ID: MW-6 Filtered

Date Collected: 09/28/16 15:25
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-7

Matrix: Water

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	0.092	U	1.0	0.092	ug/L		10/03/16 10:31	10/04/16 05:57	1
Nitrobenzene	0.50	U	1.0	0.50	ug/L		10/03/16 10:31	10/04/16 05:57	1
Isophorone	0.68	U	10	0.68	ug/L		10/03/16 10:31	10/04/16 05:57	1
Bis(2-chloroethoxy)methane	0.70	U	10	0.70	ug/L		10/03/16 10:31	10/04/16 05:57	1
1,2,4-Trichlorobenzene	0.62	U	1.0	0.62	ug/L		10/03/16 10:31	10/04/16 05:57	1
Naphthalene	0.82	U	10	0.82	ug/L		10/03/16 10:31	10/04/16 05:57	1
4-Chloroaniline	0.74	U	10	0.74	ug/L		10/03/16 10:31	10/04/16 05:57	1
Hexachlorobutadiene	0.78	U	1.0	0.78	ug/L		10/03/16 10:31	10/04/16 05:57	1
2-Methylnaphthalene	0.90	U	10	0.90	ug/L		10/03/16 10:31	10/04/16 05:57	1
Hexachlorocyclopentadiene	0.62	U	10	0.62	ug/L		10/03/16 10:31	10/04/16 05:57	1
2-Chloronaphthalene	0.62	U	10	0.62	ug/L		10/03/16 10:31	10/04/16 05:57	1
2-Nitroaniline	0.66	U	10	0.66	ug/L		10/03/16 10:31	10/04/16 05:57	1
Dimethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 05:57	1
Acenaphthylene	0.66	U	10	0.66	ug/L		10/03/16 10:31	10/04/16 05:57	1
2,6-Dinitrotoluene	0.90	U	2.0	0.90	ug/L		10/03/16 10:31	10/04/16 05:57	1
3-Nitroaniline	0.84	U	10	0.84	ug/L		10/03/16 10:31	10/04/16 05:57	1
Acenaphthene	0.90	U	10	0.90	ug/L		10/03/16 10:31	10/04/16 05:57	1
Dibenzofuran	0.87	U	10	0.87	ug/L		10/03/16 10:31	10/04/16 05:57	1
2,4-Dinitrotoluene	1.1	U	2.0	1.1	ug/L		10/03/16 10:31	10/04/16 05:57	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 05:57	1
4-Chlorophenyl phenyl ether	0.98	U	10	0.98	ug/L		10/03/16 10:31	10/04/16 05:57	1
Fluorene	0.82	U	10	0.82	ug/L		10/03/16 10:31	10/04/16 05:57	1
4-Nitroaniline	0.49	U	10	0.49	ug/L		10/03/16 10:31	10/04/16 05:57	1
N-Nitrosodiphenylamine	0.76	U	10	0.76	ug/L		10/03/16 10:31	10/04/16 05:57	1
4-Bromophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 05:57	1
Hexachlorobenzene	0.48	U	1.0	0.48	ug/L		10/03/16 10:31	10/04/16 05:57	1
Phenanthrene	0.66	U	10	0.66	ug/L		10/03/16 10:31	10/04/16 05:57	1
Anthracene	0.58	U	10	0.58	ug/L		10/03/16 10:31	10/04/16 05:57	1
Carbazole	0.87	U	10	0.87	ug/L		10/03/16 10:31	10/04/16 05:57	1
Di-n-butyl phthalate	0.84	U	10	0.84	ug/L		10/03/16 10:31	10/04/16 05:57	1
Fluoranthene	0.73	U	10	0.73	ug/L		10/03/16 10:31	10/04/16 05:57	1
Pyrene	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 05:57	1
Butyl benzyl phthalate	0.61	U	10	0.61	ug/L		10/03/16 10:31	10/04/16 05:57	1
3,3'-Dichlorobenzidine	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 05:57	1
Benzo[a]anthracene	0.56	U	1.0	0.56	ug/L		10/03/16 10:31	10/04/16 05:57	1
Chrysene	0.68	U	2.0	0.68	ug/L		10/03/16 10:31	10/04/16 05:57	1
Bis(2-ethylhexyl) phthalate	0.73	U	2.0	0.73	ug/L		10/03/16 10:31	10/04/16 05:57	1
Di-n-octyl phthalate	0.70	U	10	0.70	ug/L		10/03/16 10:31	10/04/16 05:57	1
Benzo[b]fluoranthene	0.45	U	1.0	0.45	ug/L		10/03/16 10:31	10/04/16 05:57	1
Benzo[k]fluoranthene	0.18	U	1.0	0.18	ug/L		10/03/16 10:31	10/04/16 05:57	1
Benzo[a]pyrene	0.16	U	1.0	0.16	ug/L		10/03/16 10:31	10/04/16 05:57	1
Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21	ug/L		10/03/16 10:31	10/04/16 05:57	1
Dibenz(a,h)anthracene	0.092	U	1.0	0.092	ug/L		10/03/16 10:31	10/04/16 05:57	1
Benzo[g,h,i]perylene	0.77	U	10	0.77	ug/L		10/03/16 10:31	10/04/16 05:57	1
bis (2-chloroisopropyl) ether	0.95	U	10	0.95	ug/L		10/03/16 10:31	10/04/16 05:57	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
2-Pyrrolidinone, 1-methyl-	*84*	*J N*	*ug/L*		*4.72*	*872-50-4*	*10/03/16 10:31*	*10/04/16 05:57*	*1*

Client Sample ID: MW-6 Filtered

Lab Sample ID: 460-121138-7

Date Collected: 09/28/16 15:25

Matrix: Water

Date Received: 09/28/16 20:15

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*71*		*49 - 125*	*10/03/16 10:31*	*10/04/16 05:57*	*1*
Terphenyl-d14	*76*		*28 - 150*	*10/03/16 10:31*	*10/04/16 05:57*	*1*
2-Fluorobiphenyl	*76*		*44 - 129*	*10/03/16 10:31*	*10/04/16 05:57*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 17:21	1
Aroclor 1221	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 17:21	1
Aroclor 1232	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 17:21	1
Aroclor 1242	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 17:21	1
Aroclor 1248	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 17:21	1
Aroclor 1254	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 17:21	1
Aroclor 1260	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 17:21	1
Aroclor 1262	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 17:21	1
Aroclor 1268	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*99*		*10 - 150*	*09/30/16 20:30*	*10/04/16 17:21*	*1*
DCB Decachlorobiphenyl	*100*		*10 - 150*	*09/30/16 20:30*	*10/04/16 17:21*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**54.0**		10.0	10.0	mg/L			10/03/16 14:29	1
Total Suspended Solids	1.0	U	1.0	1.0	mg/L			10/03/16 08:34	1

Client Sample ID: MW-3D

Lab Sample ID: 460-121138-8

Date Collected: 09/28/16 15:20

Matrix: Water

Date Received: 09/28/16 20:15

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/02/16 23:07	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/02/16 23:07	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/02/16 23:07	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 23:07	1
Acetone	1.1	U	5.0	1.1	ug/L			10/02/16 23:07	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/02/16 23:07	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/02/16 23:07	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/02/16 23:07	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/02/16 23:07	1
Chloroform	**0.39**	**J**	1.0	0.22	ug/L			10/02/16 23:07	1
Toluene	0.25	U	1.0	0.25	ug/L			10/02/16 23:07	1
Benzene	0.090	U	1.0	0.090	ug/L			10/02/16 23:07	1
Freon TF	0.34	U	1.0	0.34	ug/L			10/02/16 23:07	1
Styrene	0.17	U	1.0	0.17	ug/L			10/02/16 23:07	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/02/16 23:07	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/02/16 23:07	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/02/16 23:07	1
Chlorobenzene	0.24	U	1.0	0.24	ug/L			10/02/16 23:07	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/02/16 23:07	1
1,2,4-Trichlorobenzene	0.27	U	1.0	0.27	ug/L			10/02/16 23:07	1

Client Sample ID: MW-3D

Date Collected: 09/28/16 15:20
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-8

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			10/02/16 23:07	1
1,2-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/02/16 23:07	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 23:07	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 23:07	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/02/16 23:07	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/02/16 23:07	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/02/16 23:07	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/02/16 23:07	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/02/16 23:07	1
2-Butanone	2.2	U	5.0	2.2	ug/L			10/02/16 23:07	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/02/16 23:07	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/02/16 23:07	1
MTBE	**2.3**		1.0	0.13	ug/L			10/02/16 23:07	1
Tetrachloroethene	0.12	U	1.0	0.12	ug/L			10/02/16 23:07	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/02/16 23:07	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/02/16 23:07	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/02/16 23:07	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/02/16 23:07	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/02/16 23:07	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/02/16 23:07	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/02/16 23:07	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/02/16 23:07	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/02/16 23:07	1
Xylenes, Total	0.28	U	2.0	0.28	ug/L			10/02/16 23:07	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			10/02/16 23:07	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/02/16 23:07	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/02/16 23:07	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/02/16 23:07	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 23:07	1
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/02/16 23:07	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/02/16 23:07*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*48 - 130*		*10/02/16 23:07*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*10/02/16 23:07*	*1*
Bromofluorobenzene	*91*		*71 - 131*		*10/02/16 23:07*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*10/02/16 23:07*	*1*

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.13	U	1.0	0.13	ug/L		10/03/16 10:31	10/04/16 06:19	1
1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L		10/03/16 10:31	10/04/16 06:19	1
1,4-Dichlorobenzene	0.69	U	10	0.69	ug/L		10/03/16 10:31	10/04/16 06:19	1
1,2-Dichlorobenzene	0.86	U	10	0.86	ug/L		10/03/16 10:31	10/04/16 06:19	1
N-Nitrosodi-n-propylamine	0.86	U	1.0	0.86	ug/L		10/03/16 10:31	10/04/16 06:19	1
Hexachloroethane	0.094	U	1.0	0.094	ug/L		10/03/16 10:31	10/04/16 06:19	1
Nitrobenzene	0.51	U	1.0	0.51	ug/L		10/03/16 10:31	10/04/16 06:19	1
Isophorone	0.70	U	10	0.70	ug/L		10/03/16 10:31	10/04/16 06:19	1

Client Sample ID: MW-3D

Date Collected: 09/28/16 15:20
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-8

Matrix: Water

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	0.72	U	10	0.72	ug/L		10/03/16 10:31	10/04/16 06:19	1
1,2,4-Trichlorobenzene	0.64	U	1.0	0.64	ug/L		10/03/16 10:31	10/04/16 06:19	1
Naphthalene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 06:19	1
4-Chloroaniline	0.76	U	10	0.76	ug/L		10/03/16 10:31	10/04/16 06:19	1
Hexachlorobutadiene	0.79	U	1.0	0.79	ug/L		10/03/16 10:31	10/04/16 06:19	1
2-Methylnaphthalene	0.92	U	10	0.92	ug/L		10/03/16 10:31	10/04/16 06:19	1
Hexachlorocyclopentadiene	0.64	U	10	0.64	ug/L		10/03/16 10:31	10/04/16 06:19	1
2-Chloronaphthalene	0.64	U	10	0.64	ug/L		10/03/16 10:31	10/04/16 06:19	1
2-Nitroaniline	0.68	U	10	0.68	ug/L		10/03/16 10:31	10/04/16 06:19	1
Dimethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 06:19	1
Acenaphthylene	0.68	U	10	0.68	ug/L		10/03/16 10:31	10/04/16 06:19	1
2,6-Dinitrotoluene	0.92	U	2.1	0.92	ug/L		10/03/16 10:31	10/04/16 06:19	1
3-Nitroaniline	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 06:19	1
Acenaphthene	0.92	U	10	0.92	ug/L		10/03/16 10:31	10/04/16 06:19	1
Dibenzofuran	0.89	U	10	0.89	ug/L		10/03/16 10:31	10/04/16 06:19	1
2,4-Dinitrotoluene	1.1	U	2.1	1.1	ug/L		10/03/16 10:31	10/04/16 06:19	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 06:19	1
4-Chlorophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 06:19	1
Fluorene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 06:19	1
4-Nitroaniline	0.50	U	10	0.50	ug/L		10/03/16 10:31	10/04/16 06:19	1
N-Nitrosodiphenylamine	0.77	U	10	0.77	ug/L		10/03/16 10:31	10/04/16 06:19	1
4-Bromophenyl phenyl ether	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 06:19	1
Hexachlorobenzene	0.49	U	1.0	0.49	ug/L		10/03/16 10:31	10/04/16 06:19	1
Phenanthrene	0.68	U	10	0.68	ug/L		10/03/16 10:31	10/04/16 06:19	1
Anthracene	0.59	U	10	0.59	ug/L		10/03/16 10:31	10/04/16 06:19	1
Carbazole	0.89	U	10	0.89	ug/L		10/03/16 10:31	10/04/16 06:19	1
Di-n-butyl phthalate	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 06:19	1
Fluoranthene	0.75	U	10	0.75	ug/L		10/03/16 10:31	10/04/16 06:19	1
Pyrene	0.86	U	10	0.86	ug/L		10/03/16 10:31	10/04/16 06:19	1
Butyl benzyl phthalate	0.63	U	10	0.63	ug/L		10/03/16 10:31	10/04/16 06:19	1
3,3'-Dichlorobenzidine	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 06:19	1
Benzo[a]anthracene	0.57	U	1.0	0.57	ug/L		10/03/16 10:31	10/04/16 06:19	1
Chrysene	0.70	U	2.1	0.70	ug/L		10/03/16 10:31	10/04/16 06:19	1
Bis(2-ethylhexyl) phthalate	0.75	U	2.1	0.75	ug/L		10/03/16 10:31	10/04/16 06:19	1
Di-n-octyl phthalate	0.72	U	10	0.72	ug/L		10/03/16 10:31	10/04/16 06:19	1
Benzo[b]fluoranthene	0.46	U	1.0	0.46	ug/L		10/03/16 10:31	10/04/16 06:19	1
Benzo[k]fluoranthene	0.19	U	1.0	0.19	ug/L		10/03/16 10:31	10/04/16 06:19	1
Benzo[a]pyrene	0.17	U	1.0	0.17	ug/L		10/03/16 10:31	10/04/16 06:19	1
Indeno[1,2,3-cd]pyrene	0.22	U	1.0	0.22	ug/L		10/03/16 10:31	10/04/16 06:19	1
Dibenz(a,h)anthracene	0.094	U	1.0	0.094	ug/L		10/03/16 10:31	10/04/16 06:19	1
Benzo[g,h,i]perylene	0.78	U	10	0.78	ug/L		10/03/16 10:31	10/04/16 06:19	1
bis (2-chloroisopropyl) ether	0.97	U	10	0.97	ug/L		10/03/16 10:31	10/04/16 06:19	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*10/03/16 10:31*	*10/04/16 06:19*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*75*		*49 - 125*	*10/03/16 10:31*	*10/04/16 06:19*	*1*
Terphenyl-d14	*83*		*28 - 150*	*10/03/16 10:31*	*10/04/16 06:19*	*1*
2-Fluorobiphenyl	*68*		*44 - 129*	*10/03/16 10:31*	*10/04/16 06:19*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 17:38	1
Aroclor 1221	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 17:38	1
Aroclor 1232	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 17:38	1
Aroclor 1242	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 17:38	1
Aroclor 1248	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 17:38	1
Aroclor 1254	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 17:38	1
Aroclor 1260	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 17:38	1
Aroclor 1262	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 17:38	1
Aroclor 1268	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 17:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*94*		*10 - 150*	*09/30/16 20:30*	*10/04/16 17:38*	*1*
DCB Decachlorobiphenyl	*97*		*10 - 150*	*09/30/16 20:30*	*10/04/16 17:38*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**77.0**		10.0	10.0	mg/L			10/03/16 14:29	1
Total Suspended Solids	**3.4**		1.0	1.0	mg/L			10/03/16 08:34	1

Client Sample ID: FB-20160928

Date Collected: 09/28/16 16:25
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-9

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/02/16 19:08	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/02/16 19:08	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/02/16 19:08	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 19:08	1
Acetone	1.1	U	5.0	1.1	ug/L			10/02/16 19:08	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/02/16 19:08	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/02/16 19:08	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/02/16 19:08	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/02/16 19:08	1
Chloroform	0.22	U	1.0	0.22	ug/L			10/02/16 19:08	1
Toluene	0.25	U	1.0	0.25	ug/L			10/02/16 19:08	1
Benzene	0.090	U	1.0	0.090	ug/L			10/02/16 19:08	1
Freon TF	0.34	U	1.0	0.34	ug/L			10/02/16 19:08	1
Styrene	0.17	U	1.0	0.17	ug/L			10/02/16 19:08	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/02/16 19:08	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/02/16 19:08	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/02/16 19:08	1
Chlorobenzene	0.24	U	1.0	0.24	ug/L			10/02/16 19:08	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/02/16 19:08	1
1,2,4-Trichlorobenzene	0.27	U	1.0	0.27	ug/L			10/02/16 19:08	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			10/02/16 19:08	1
1,2-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/02/16 19:08	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 19:08	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 19:08	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/02/16 19:08	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/02/16 19:08	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/02/16 19:08	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/02/16 19:08	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/02/16 19:08	1

Client Sample ID: FB-20160928

Date Collected: 09/28/16 16:25
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-9

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	2.2	U	5.0	2.2	ug/L			10/02/16 19:08	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/02/16 19:08	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/02/16 19:08	1
MTBE	0.13	U	1.0	0.13	ug/L			10/02/16 19:08	1
Tetrachloroethene	0.12	U	1.0	0.12	ug/L			10/02/16 19:08	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/02/16 19:08	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/02/16 19:08	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/02/16 19:08	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/02/16 19:08	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/02/16 19:08	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/02/16 19:08	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/02/16 19:08	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/02/16 19:08	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/02/16 19:08	1
Xylenes, Total	0.28	U	2.0	0.28	ug/L			10/02/16 19:08	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			10/02/16 19:08	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/02/16 19:08	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/02/16 19:08	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/02/16 19:08	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 19:08	1
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/02/16 19:08	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/02/16 19:08*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*48 - 130*		*10/02/16 19:08*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*10/02/16 19:08*	*1*
Bromofluorobenzene	*92*		*71 - 131*		*10/02/16 19:08*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*10/02/16 19:08*	*1*

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.12	U	1.0	0.12	ug/L		10/03/16 10:31	10/04/16 06:41	1
1,3-Dichlorobenzene	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 06:41	1
1,4-Dichlorobenzene	0.66	U	10	0.66	ug/L		10/03/16 10:31	10/04/16 06:41	1
1,2-Dichlorobenzene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 06:41	1
N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83	ug/L		10/03/16 10:31	10/04/16 06:41	1
Hexachloroethane	0.090	U	1.0	0.090	ug/L		10/03/16 10:31	10/04/16 06:41	1
Nitrobenzene	0.49	U	1.0	0.49	ug/L		10/03/16 10:31	10/04/16 06:41	1
Isophorone	0.67	U	10	0.67	ug/L		10/03/16 10:31	10/04/16 06:41	1
Bis(2-chloroethoxy)methane	0.69	U	10	0.69	ug/L		10/03/16 10:31	10/04/16 06:41	1
1,2,4-Trichlorobenzene	0.61	U	1.0	0.61	ug/L		10/03/16 10:31	10/04/16 06:41	1
Naphthalene	0.80	U	10	0.80	ug/L		10/03/16 10:31	10/04/16 06:41	1
4-Chloroaniline	0.73	U	10	0.73	ug/L		10/03/16 10:31	10/04/16 06:41	1
Hexachlorobutadiene	0.76	U	1.0	0.76	ug/L		10/03/16 10:31	10/04/16 06:41	1
2-Methylnaphthalene	0.88	U	10	0.88	ug/L		10/03/16 10:31	10/04/16 06:41	1
Hexachlorocyclopentadiene	0.61	U	10	0.61	ug/L		10/03/16 10:31	10/04/16 06:41	1
2-Chloronaphthalene	0.61	U	10	0.61	ug/L		10/03/16 10:31	10/04/16 06:41	1
2-Nitroaniline	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 06:41	1

Client Sample ID: FB-20160928

Date Collected: 09/28/16 16:25
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-9

Matrix: Water

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	0.98	U	10	0.98	ug/L		10/03/16 10:31	10/04/16 06:41	1
Acenaphthylene	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 06:41	1
2,6-Dinitrotoluene	0.88	U	2.0	0.88	ug/L		10/03/16 10:31	10/04/16 06:41	1
3-Nitroaniline	0.82	U	10	0.82	ug/L		10/03/16 10:31	10/04/16 06:41	1
Acenaphthene	0.88	U	10	0.88	ug/L		10/03/16 10:31	10/04/16 06:41	1
Dibenzofuran	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 06:41	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		10/03/16 10:31	10/04/16 06:41	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 06:41	1
4-Chlorophenyl phenyl ether	0.96	U	10	0.96	ug/L		10/03/16 10:31	10/04/16 06:41	1
Fluorene	0.80	U	10	0.80	ug/L		10/03/16 10:31	10/04/16 06:41	1
4-Nitroaniline	0.48	U	10	0.48	ug/L		10/03/16 10:31	10/04/16 06:41	1
N-Nitrosodiphenylamine	0.74	U	10	0.74	ug/L		10/03/16 10:31	10/04/16 06:41	1
4-Bromophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 06:41	1
Hexachlorobenzene	0.47	U	1.0	0.47	ug/L		10/03/16 10:31	10/04/16 06:41	1
Phenanthrene	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 06:41	1
Anthracene	0.57	U	10	0.57	ug/L		10/03/16 10:31	10/04/16 06:41	1
Carbazole	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 06:41	1
Di-n-butyl phthalate	0.82	U	10	0.82	ug/L		10/03/16 10:31	10/04/16 06:41	1
Fluoranthene	0.72	U	10	0.72	ug/L		10/03/16 10:31	10/04/16 06:41	1
Pyrene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 06:41	1
Butyl benzyl phthalate	0.60	U	10	0.60	ug/L		10/03/16 10:31	10/04/16 06:41	1
3,3'-Dichlorobenzidine	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 06:41	1
Benzo[a]anthracene	0.55	U	1.0	0.55	ug/L		10/03/16 10:31	10/04/16 06:41	1
Chrysene	0.67	U	2.0	0.67	ug/L		10/03/16 10:31	10/04/16 06:41	1
Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72	ug/L		10/03/16 10:31	10/04/16 06:41	1
Di-n-octyl phthalate	0.69	U	10	0.69	ug/L		10/03/16 10:31	10/04/16 06:41	1
Benzo[b]fluoranthene	0.44	U	1.0	0.44	ug/L		10/03/16 10:31	10/04/16 06:41	1
Benzo[k]fluoranthene	0.18	U	1.0	0.18	ug/L		10/03/16 10:31	10/04/16 06:41	1
Benzo[a]pyrene	0.16	U	1.0	0.16	ug/L		10/03/16 10:31	10/04/16 06:41	1
Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21	ug/L		10/03/16 10:31	10/04/16 06:41	1
Dibenz(a,h)anthracene	0.090	U	1.0	0.090	ug/L		10/03/16 10:31	10/04/16 06:41	1
Benzo[g,h,i]perylene	0.75	U	10	0.75	ug/L		10/03/16 10:31	10/04/16 06:41	1
bis (2-chloroisopropyl) ether	0.93	U	10	0.93	ug/L		10/03/16 10:31	10/04/16 06:41	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*6.5*	*J*	*ug/L*		*5.18*		*10/03/16 10:31*	*10/04/16 06:41*	*1*
Unknown	*18*	*J*	*ug/L*		*5.39*		*10/03/16 10:31*	*10/04/16 06:41*	*1*
(S)-(+)-6-Methyl-1-octanol	*6.7*	*J N*	*ug/L*		*5.47*	*110453-78-6*	*10/03/16 10:31*	*10/04/16 06:41*	*1*
Unknown	*11*	*J*	*ug/L*		*5.56*		*10/03/16 10:31*	*10/04/16 06:41*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*73*		*49 - 125*	*10/03/16 10:31*	*10/04/16 06:41*	*1*
Terphenyl-d14	*77*		*28 - 150*	*10/03/16 10:31*	*10/04/16 06:41*	*1*
2-Fluorobiphenyl	*70*		*44 - 129*	*10/03/16 10:31*	*10/04/16 06:41*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 17:55	1
Aroclor 1221	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 17:55	1
Aroclor 1232	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 17:55	1

Client Sample ID: FB-20160928

Lab Sample ID: 460-121138-9

Date Collected: 09/28/16 16:25

Matrix: Water

Date Received: 09/28/16 20:15

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1242	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 17:55	1
Aroclor 1248	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 17:55	1
Aroclor 1254	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 17:55	1
Aroclor 1260	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 17:55	1
Aroclor 1262	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 17:55	1
Aroclor 1268	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 17:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*89*		*10 - 150*	*09/30/16 20:30*	*10/04/16 17:55*	*1*
DCB Decachlorobiphenyl	*100*		*10 - 150*	*09/30/16 20:30*	*10/04/16 17:55*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	10.0	U	10.0	10.0	mg/L			10/04/16 13:46	1
Total Suspended Solids	1.0	U	1.0	1.0	mg/L			10/03/16 08:34	1

Client Sample ID: DUP-20160928

Lab Sample ID: 460-121138-10

Date Collected: 09/28/16 00:00

Matrix: Water

Date Received: 09/28/16 20:15

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/02/16 23:28	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/02/16 23:28	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/02/16 23:28	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 23:28	1
Acetone	1.1	U	5.0	1.1	ug/L			10/02/16 23:28	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/02/16 23:28	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/02/16 23:28	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/02/16 23:28	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/02/16 23:28	1
Chloroform	0.22	U	1.0	0.22	ug/L			10/02/16 23:28	1
Toluene	0.25	U	1.0	0.25	ug/L			10/02/16 23:28	1
Benzene	0.090	U	1.0	0.090	ug/L			10/02/16 23:28	1
Freon TF	0.34	U	1.0	0.34	ug/L			10/02/16 23:28	1
Styrene	0.17	U	1.0	0.17	ug/L			10/02/16 23:28	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/02/16 23:28	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/02/16 23:28	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/02/16 23:28	1
Chlorobenzene	0.24	U	1.0	0.24	ug/L			10/02/16 23:28	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/02/16 23:28	1
1,2,4-Trichlorobenzene	0.27	U	1.0	0.27	ug/L			10/02/16 23:28	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			10/02/16 23:28	1
1,2-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/02/16 23:28	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 23:28	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 23:28	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/02/16 23:28	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/02/16 23:28	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/02/16 23:28	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/02/16 23:28	1

Client Sample ID: DUP-20160928

Date Collected: 09/28/16 00:00
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-10

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/02/16 23:28	1
2-Butanone	2.2	U	5.0	2.2	ug/L			10/02/16 23:28	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/02/16 23:28	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/02/16 23:28	1
MTBE	0.13	U	1.0	0.13	ug/L			10/02/16 23:28	1
Tetrachloroethene	0.12	U	1.0	0.12	ug/L			10/02/16 23:28	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/02/16 23:28	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/02/16 23:28	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/02/16 23:28	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/02/16 23:28	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/02/16 23:28	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/02/16 23:28	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/02/16 23:28	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/02/16 23:28	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/02/16 23:28	1
Xylenes, Total	0.28	U	2.0	0.28	ug/L			10/02/16 23:28	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			10/02/16 23:28	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/02/16 23:28	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/02/16 23:28	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/02/16 23:28	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 23:28	1
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/02/16 23:28	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*9.4*	*J*	*ug/L*		*3.46*			*10/02/16 23:28*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*48 - 130*		*10/02/16 23:28*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*10/02/16 23:28*	*1*
Bromofluorobenzene	*92*		*71 - 131*		*10/02/16 23:28*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*10/02/16 23:28*	*1*

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.13	U	1.0	0.13	ug/L		10/03/16 10:31	10/04/16 07:03	1
1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L		10/03/16 10:31	10/04/16 07:03	1
1,4-Dichlorobenzene	0.69	U	10	0.69	ug/L		10/03/16 10:31	10/04/16 07:03	1
1,2-Dichlorobenzene	0.86	U	10	0.86	ug/L		10/03/16 10:31	10/04/16 07:03	1
N-Nitrosodi-n-propylamine	0.86	U	1.0	0.86	ug/L		10/03/16 10:31	10/04/16 07:03	1
Hexachloroethane	0.094	U	1.0	0.094	ug/L		10/03/16 10:31	10/04/16 07:03	1
Nitrobenzene	0.51	U	1.0	0.51	ug/L		10/03/16 10:31	10/04/16 07:03	1
Isophorone	0.70	U	10	0.70	ug/L		10/03/16 10:31	10/04/16 07:03	1
Bis(2-chloroethoxy)methane	0.72	U	10	0.72	ug/L		10/03/16 10:31	10/04/16 07:03	1
1,2,4-Trichlorobenzene	0.64	U	1.0	0.64	ug/L		10/03/16 10:31	10/04/16 07:03	1
Naphthalene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 07:03	1
4-Chloroaniline	0.76	U	10	0.76	ug/L		10/03/16 10:31	10/04/16 07:03	1
Hexachlorobutadiene	0.79	U	1.0	0.79	ug/L		10/03/16 10:31	10/04/16 07:03	1
2-Methylnaphthalene	0.92	U	10	0.92	ug/L		10/03/16 10:31	10/04/16 07:03	1
Hexachlorocyclopentadiene	0.64	U	10	0.64	ug/L		10/03/16 10:31	10/04/16 07:03	1
2-Chloronaphthalene	0.64	U	10	0.64	ug/L		10/03/16 10:31	10/04/16 07:03	1

Client Sample ID: DUP-20160928

Date Collected: 09/28/16 00:00
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-10

Matrix: Water

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	0.68	U	10	0.68	ug/L		10/03/16 10:31	10/04/16 07:03	1
Dimethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 07:03	1
Acenaphthylene	0.68	U	10	0.68	ug/L		10/03/16 10:31	10/04/16 07:03	1
2,6-Dinitrotoluene	0.92	U	2.1	0.92	ug/L		10/03/16 10:31	10/04/16 07:03	1
3-Nitroaniline	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 07:03	1
Acenaphthene	0.92	U	10	0.92	ug/L		10/03/16 10:31	10/04/16 07:03	1
Dibenzofuran	0.89	U	10	0.89	ug/L		10/03/16 10:31	10/04/16 07:03	1
2,4-Dinitrotoluene	1.1	U	2.1	1.1	ug/L		10/03/16 10:31	10/04/16 07:03	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 07:03	1
4-Chlorophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 07:03	1
Fluorene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 07:03	1
4-Nitroaniline	0.50	U	10	0.50	ug/L		10/03/16 10:31	10/04/16 07:03	1
N-Nitrosodiphenylamine	0.77	U	10	0.77	ug/L		10/03/16 10:31	10/04/16 07:03	1
4-Bromophenyl phenyl ether	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 07:03	1
Hexachlorobenzene	0.49	U	1.0	0.49	ug/L		10/03/16 10:31	10/04/16 07:03	1
Phenanthrene	0.68	U	10	0.68	ug/L		10/03/16 10:31	10/04/16 07:03	1
Anthracene	0.59	U	10	0.59	ug/L		10/03/16 10:31	10/04/16 07:03	1
Carbazole	0.89	U	10	0.89	ug/L		10/03/16 10:31	10/04/16 07:03	1
Di-n-butyl phthalate	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 07:03	1
Fluoranthene	0.75	U	10	0.75	ug/L		10/03/16 10:31	10/04/16 07:03	1
Pyrene	0.86	U	10	0.86	ug/L		10/03/16 10:31	10/04/16 07:03	1
Butyl benzyl phthalate	0.63	U	10	0.63	ug/L		10/03/16 10:31	10/04/16 07:03	1
3,3'-Dichlorobenzidine	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 07:03	1
Benzo[a]anthracene	0.57	U	1.0	0.57	ug/L		10/03/16 10:31	10/04/16 07:03	1
Chrysene	0.70	U	2.1	0.70	ug/L		10/03/16 10:31	10/04/16 07:03	1
Bis(2-ethylhexyl) phthalate	0.75	U	2.1	0.75	ug/L		10/03/16 10:31	10/04/16 07:03	1
Di-n-octyl phthalate	0.72	U	10	0.72	ug/L		10/03/16 10:31	10/04/16 07:03	1
Benzo[b]fluoranthene	0.46	U	1.0	0.46	ug/L		10/03/16 10:31	10/04/16 07:03	1
Benzo[k]fluoranthene	0.19	U	1.0	0.19	ug/L		10/03/16 10:31	10/04/16 07:03	1
Benzo[a]pyrene	0.17	U	1.0	0.17	ug/L		10/03/16 10:31	10/04/16 07:03	1
Indeno[1,2,3-cd]pyrene	0.22	U	1.0	0.22	ug/L		10/03/16 10:31	10/04/16 07:03	1
Dibenz(a,h)anthracene	0.094	U	1.0	0.094	ug/L		10/03/16 10:31	10/04/16 07:03	1
Benzo[g,h,i]perylene	0.78	U	10	0.78	ug/L		10/03/16 10:31	10/04/16 07:03	1
bis (2-chloroisopropyl) ether	0.97	U	10	0.97	ug/L		10/03/16 10:31	10/04/16 07:03	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*10/03/16 10:31*	*10/04/16 07:03*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*69*		*49 - 125*	*10/03/16 10:31*	*10/04/16 07:03*	*1*
Terphenyl-d14	*77*		*28 - 150*	*10/03/16 10:31*	*10/04/16 07:03*	*1*
2-Fluorobiphenyl	*74*		*44 - 129*	*10/03/16 10:31*	*10/04/16 07:03*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 18:12	1
Aroclor 1221	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 18:12	1
Aroclor 1232	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 18:12	1
Aroclor 1242	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 18:12	1
Aroclor 1248	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 18:12	1

Client Sample ID: DUP-20160928

Date Collected: 09/28/16 00:00
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-10

Matrix: Water

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1254	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 18:12	1
Aroclor 1260	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 18:12	1
Aroclor 1262	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 18:12	1
Aroclor 1268	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*110*		*10 - 150*	*09/30/16 20:30*	*10/04/16 18:12*	*1*
DCB Decachlorobiphenyl	*121*		*10 - 150*	*09/30/16 20:30*	*10/04/16 18:12*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**204**		10.0	10.0	mg/L			10/03/16 14:29	1
Total Suspended Solids	**152**		4.0	4.0	mg/L			10/03/16 09:39	1

Client Sample ID: Trip Blank

Date Collected: 09/28/16 00:00
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-11

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/02/16 19:29	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/02/16 19:29	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/02/16 19:29	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 19:29	1
Acetone	1.1	U	5.0	1.1	ug/L			10/02/16 19:29	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/02/16 19:29	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/02/16 19:29	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/02/16 19:29	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/02/16 19:29	1
Chloroform	0.22	U	1.0	0.22	ug/L			10/02/16 19:29	1
Toluene	0.25	U	1.0	0.25	ug/L			10/02/16 19:29	1
Benzene	0.090	U	1.0	0.090	ug/L			10/02/16 19:29	1
Freon TF	0.34	U	1.0	0.34	ug/L			10/02/16 19:29	1
Styrene	0.17	U	1.0	0.17	ug/L			10/02/16 19:29	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/02/16 19:29	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/02/16 19:29	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/02/16 19:29	1
Chlorobenzene	0.24	U	1.0	0.24	ug/L			10/02/16 19:29	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/02/16 19:29	1
1,2,4-Trichlorobenzene	0.27	U	1.0	0.27	ug/L			10/02/16 19:29	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			10/02/16 19:29	1
1,2-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/02/16 19:29	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 19:29	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 19:29	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/02/16 19:29	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/02/16 19:29	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/02/16 19:29	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/02/16 19:29	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/02/16 19:29	1
2-Butanone	2.2	U	5.0	2.2	ug/L			10/02/16 19:29	1

Client Sample ID: Trip Blank

Date Collected: 09/28/16 00:00
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-11

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/02/16 19:29	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/02/16 19:29	1
MTBE	0.13	U	1.0	0.13	ug/L			10/02/16 19:29	1
Tetrachloroethene	0.12	U	1.0	0.12	ug/L			10/02/16 19:29	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/02/16 19:29	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/02/16 19:29	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/02/16 19:29	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/02/16 19:29	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/02/16 19:29	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/02/16 19:29	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/02/16 19:29	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/02/16 19:29	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/02/16 19:29	1
Xylenes, Total	0.28	U	2.0	0.28	ug/L			10/02/16 19:29	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			10/02/16 19:29	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/02/16 19:29	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/02/16 19:29	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/02/16 19:29	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 19:29	1
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/02/16 19:29	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/02/16 19:29*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*48 - 130*		*10/02/16 19:29*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*10/02/16 19:29*	*1*
Bromofluorobenzene	*91*		*71 - 131*		*10/02/16 19:29*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*10/02/16 19:29*	*1*

Surrogate Summary

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-121138-1

Method: 624 - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	12DCE (48-130)	TOL (80-120)	BFB (71-131)	DBFM (80-120)
460-121138-1	MW-15	112	104	92	102
460-121138-1 MS	MW-15	109	101	91	99
460-121138-1 MSD	MW-15	109	105	92	99
460-121138-2	MW-10	111	103	90	100
460-121138-3	MW-15D	111	103	90	101
460-121138-4	MW-21	111	104	91	100
460-121138-5	MW-20	112	100	91	101
460-121138-6	MW-6	113	102	90	101
460-121138-7	MW-6 Filtered	112	102	92	101
460-121138-8	MW-3D	113	104	91	102
460-121138-9	FB-20160928	112	104	92	102
460-121138-10	DUP-20160928	112	105	92	102
460-121138-11	Trip Blank	112	104	91	101
LCS 460-394312/4	Lab Control Sample	107	104	92	100
MB 460-394312/7	Method Blank	108	104	91	99

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	NBZ (49-125)	TPH (28-150)	FBP (44-129)
460-121138-1	MW-15	75	78	81
460-121138-2	MW-10	78	72	79
460-121138-3	MW-15D	75	77	74
460-121138-4	MW-21	75	78	79
460-121138-5	MW-20	71	71	76
460-121138-6	MW-6	72	79	81
460-121138-7	MW-6 Filtered	71	76	76
460-121138-8	MW-3D	75	83	68
460-121138-9	FB-20160928	73	77	70
460-121138-10	DUP-20160928	69	77	74
LCS 460-394513/2-A	Lab Control Sample	74	88	81
LCSD 460-394513/3-A	Lab Control Sample Dup	74	84	80
MB 460-394513/1-A	Method Blank	76	79	71

Surrogate Legend

NBZ = Nitrobenzene-d5
TPH = Terphenyl-d14
FBP = 2-Fluorobiphenyl

Surrogate Summary

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-121138-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	DCB1 (10-150)	DCB2 (10-150)								
460-121138-1	MW-15	100	104								
460-121138-2	MW-10	103	103								
460-121138-3	MW-15D	92	92								
460-121138-4	MW-21	105	115								
460-121138-5	MW-20	92	100								
460-121138-6	MW-6	90	93								
460-121138-7	MW-6 Filtered	99	100								
460-121138-8	MW-3D	94	97								
460-121138-9	FB-20160928	89	100								
460-121138-10	DUP-20160928	110	121								
LCS 460-394112/2-A	Lab Control Sample	128	134								
LCSD 460-394112/3-A	Lab Control Sample Dup	131	147								
MB 460-394112/1-A	Method Blank	134	130								

Surrogate Legend

DCB = DCB Decachlorobiphenyl

Method: 624 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-394312/7
Matrix: Water
Analysis Batch: 394312

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/02/16 08:31	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/02/16 08:31	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/02/16 08:31	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 08:31	1
Acetone	1.1	U	5.0	1.1	ug/L			10/02/16 08:31	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/02/16 08:31	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/02/16 08:31	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/02/16 08:31	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/02/16 08:31	1
Chloroform	0.22	U	1.0	0.22	ug/L			10/02/16 08:31	1
Toluene	0.25	U	1.0	0.25	ug/L			10/02/16 08:31	1
Benzene	0.090	U	1.0	0.090	ug/L			10/02/16 08:31	1
Freon TF	0.34	U	1.0	0.34	ug/L			10/02/16 08:31	1
Styrene	0.17	U	1.0	0.17	ug/L			10/02/16 08:31	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/02/16 08:31	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/02/16 08:31	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/02/16 08:31	1
Chlorobenzene	0.24	U	1.0	0.24	ug/L			10/02/16 08:31	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/02/16 08:31	1
1,2,4-Trichlorobenzene	0.27	U	1.0	0.27	ug/L			10/02/16 08:31	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			10/02/16 08:31	1
1,2-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/02/16 08:31	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 08:31	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 08:31	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/02/16 08:31	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/02/16 08:31	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/02/16 08:31	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/02/16 08:31	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/02/16 08:31	1
2-Butanone	2.2	U	5.0	2.2	ug/L			10/02/16 08:31	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/02/16 08:31	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/02/16 08:31	1
MTBE	0.13	U	1.0	0.13	ug/L			10/02/16 08:31	1
Tetrachloroethene	0.12	U	1.0	0.12	ug/L			10/02/16 08:31	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/02/16 08:31	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/02/16 08:31	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/02/16 08:31	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/02/16 08:31	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/02/16 08:31	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/02/16 08:31	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/02/16 08:31	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/02/16 08:31	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/02/16 08:31	1
Xylenes, Total	0.28	U	2.0	0.28	ug/L			10/02/16 08:31	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			10/02/16 08:31	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/02/16 08:31	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/02/16 08:31	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/02/16 08:31	1

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-394312/7
Matrix: Water
Analysis Batch: 394312

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 08:31	1
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/02/16 08:31	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/02/16 08:31*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*48 - 130*		*10/02/16 08:31*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*10/02/16 08:31*	*1*
Bromofluorobenzene	*91*		*71 - 131*		*10/02/16 08:31*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*10/02/16 08:31*	*1*

Lab Sample ID: LCS 460-394312/4
Matrix: Water
Analysis Batch: 394312

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethyl Chloride	20.0	18.4		ug/L		92	14 - 230
Vinyl chloride	20.0	19.6		ug/L		98	0 - 251
Bromomethane	20.0	17.8		ug/L		89	0 - 242
Chloromethane	20.0	19.4		ug/L		97	0 - 273
Acetone	100	104		ug/L		104	48 - 143
Carbon disulfide	20.0	18.7		ug/L		94	51 - 144
Methylene Chloride	20.0	21.4		ug/L		107	0 - 221
Trichlorofluoromethane	20.0	18.5		ug/L		93	17 - 181
1,1-Dichloroethene	20.0	18.4		ug/L		92	0 - 234
Chloroform	20.0	20.7		ug/L		103	51 - 138
Toluene	20.0	19.9		ug/L		99	78 - 120
Benzene	20.0	20.5		ug/L		103	37 - 151
Freon TF	20.0	19.4		ug/L		97	48 - 150
Styrene	20.0	19.4		ug/L		97	80 - 126
Bromoform	20.0	15.4		ug/L		77	45 - 169
Cyclohexane	20.0	21.3		ug/L		106	59 - 150
Carbon tetrachloride	20.0	18.0		ug/L		90	70 - 140
Chlorobenzene	20.0	19.9		ug/L		99	37 - 160
1,1,2,2-Tetrachloroethane	20.0	22.1		ug/L		111	46 - 147
1,2,4-Trichlorobenzene	20.0	21.2		ug/L		106	64 - 124
1,2,3-Trichlorobenzene	20.0	23.9		ug/L		119	56 - 136
1,2-Dichlorobenzene	20.0	21.2		ug/L		106	18 - 190
1,3-Dichlorobenzene	20.0	20.8		ug/L		104	59 - 156
1,4-Dichlorobenzene	20.0	20.5		ug/L		102	18 - 190
1,2-Dibromo-3-Chloropropane	20.0	21.8		ug/L		109	48 - 129
1,1,2-Trichloroethane	20.0	21.3		ug/L		106	52 - 150
4-Methyl-2-pentanone	100	99.1		ug/L		99	73 - 124
p-Dioxane	400	490		ug/L		122	71 - 150
1,2-Dichloroethane	20.0	20.6		ug/L		103	49 - 155
2-Butanone	100	93.0		ug/L		93	57 - 144

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-394312/4
Matrix: Water
Analysis Batch: 394312

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	20.0	21.1		ug/L		105	59 - 155
2-Hexanone	100	100		ug/L		100	60 - 137
MTBE	20.0	21.1		ug/L		106	63 - 128
Tetrachloroethene	20.0	18.1		ug/L		90	78 - 121
Isopropylbenzene	20.0	19.7		ug/L		98	80 - 120
Ethylbenzene	20.0	19.7		ug/L		98	37 - 162
Bromodichloromethane	20.0	18.4		ug/L		92	35 - 155
Dichlorodifluoromethane	20.0	18.2		ug/L		91	50 - 127
Methyl acetate	100	113		ug/L		113	39 - 150
trans-1,3-Dichloropropene	20.0	18.8		ug/L		94	17 - 183
trans-1,2-Dichloroethene	20.0	19.5		ug/L		98	54 - 156
cis-1,2-Dichloroethene	20.0	20.1		ug/L		101	80 - 120
cis-1,3-Dichloropropene	20.0	19.7		ug/L		99	0 - 227
Xylenes, Total	40.0	38.9		ug/L		97	80 - 120
Trichloroethene	20.0	18.9		ug/L		95	71 - 157
Methylcyclohexane	20.0	20.0		ug/L		100	77 - 150
1,1,1-Trichloroethane	20.0	18.9		ug/L		95	52 - 162
1,2-Dichloropropane	20.0	19.9		ug/L		100	0 - 210
Dibromochloromethane	20.0	17.7		ug/L		88	53 - 149
1,2-Dibromoethane	20.0	20.7		ug/L		103	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*48 - 130*
Toluene-d8 (Surr)	*104*		*80 - 120*
Bromofluorobenzene	*92*		*71 - 131*
Dibromofluoromethane (Surr)	*100*		*80 - 120*

Lab Sample ID: 460-121138-1 MS
Matrix: Water
Analysis Batch: 394312

Client Sample ID: MW-15
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethyl Chloride	0.37	U	200	172		ug/L		86	14 - 230
Vinyl chloride	0.060	U	200	169		ug/L		84	0 - 251
Bromomethane	0.18	U	200	167		ug/L		84	0 - 242
Chloromethane	0.22	U	200	164		ug/L		82	0 - 273
Acetone	1.1	U	1000	832		ug/L		83	48 - 143
Carbon disulfide	0.22	U F2	200	128		ug/L		64	51 - 144
Methylene Chloride	0.21	U	200	192		ug/L		96	0 - 221
Trichlorofluoromethane	0.15	U	200	155		ug/L		77	17 - 181
1,1-Dichloroethene	0.34	U	200	176		ug/L		88	0 - 234
Chloroform	0.22	U	200	193		ug/L		97	51 - 138
Toluene	0.25	U	200	184		ug/L		92	78 - 120
Benzene	0.090	U	200	190		ug/L		95	37 - 151
Freon TF	0.34	U	200	164		ug/L		82	48 - 150
Styrene	0.17	U	200	176		ug/L		88	80 - 126
Bromoform	0.18	U F2	200	112		ug/L		56	45 - 169
Cyclohexane	0.26	U	200	188		ug/L		94	59 - 150

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-121138-1 MS
Matrix: Water
Analysis Batch: 394312

Client Sample ID: MW-15
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	0.33	U	200	161		ug/L		80	70 - 140
Chlorobenzene	0.24	U	200	185		ug/L		92	37 - 160
1,1,2,2-Tetrachloroethane	0.19	U	200	210		ug/L		105	46 - 147
1,2,4-Trichlorobenzene	0.27	U	200	157		ug/L		79	64 - 124
1,2,3-Trichlorobenzene	0.35	U F2	200	153		ug/L		76	56 - 136
1,2-Dichlorobenzene	0.22	U	200	190		ug/L		95	18 - 190
1,3-Dichlorobenzene	0.33	U	200	191		ug/L		95	59 - 156
1,4-Dichlorobenzene	0.33	U	200	188		ug/L		94	18 - 190
1,2-Dibromo-3-Chloropropane	0.23	U	200	178		ug/L		89	48 - 129
1,1,2-Trichloroethane	0.080	U	200	194		ug/L		97	52 - 150
4-Methyl-2-pentanone	0.63	U	1000	897		ug/L		90	73 - 124
p-Dioxane	8.7	U	4000	4260		ug/L		106	71 - 150
1,2-Dichloroethane	0.25	U	200	200		ug/L		100	49 - 155
2-Butanone	2.2	U	1000	836		ug/L		84	57 - 144
1,1-Dichloroethane	0.24	U	200	199		ug/L		99	59 - 155
2-Hexanone	0.72	U	1000	907		ug/L		91	60 - 137
MTBE	0.13	U	200	189		ug/L		95	63 - 128
Tetrachloroethene	0.12	U	200	165		ug/L		82	78 - 121
Isopropylbenzene	0.32	U	200	177		ug/L		89	80 - 120
Ethylbenzene	0.30	U	200	182		ug/L		91	37 - 162
Bromodichloromethane	0.15	U	200	161		ug/L		80	35 - 155
Dichlorodifluoromethane	0.14	U	200	130		ug/L		65	50 - 127
Methyl acetate	0.58	U	1000	1040		ug/L		104	39 - 150
trans-1,3-Dichloropropene	0.19	U	200	160		ug/L		80	17 - 183
trans-1,2-Dichloroethene	0.18	U	200	185		ug/L		93	54 - 156
cis-1,2-Dichloroethene	0.26	U	200	187		ug/L		94	80 - 120
cis-1,3-Dichloropropene	0.16	U	200	163		ug/L		82	0 - 227
Xylenes, Total	0.28	U	400	362		ug/L		91	80 - 120
Trichloroethene	0.22	U	200	181		ug/L		90	71 - 157
Methylcyclohexane	0.22	U	200	170		ug/L		85	77 - 150
1,1,1-Trichloroethane	0.28	U	200	176		ug/L		88	52 - 162
1,2-Dichloropropane	0.18	U	200	185		ug/L		93	0 - 210
Dibromochloromethane	0.22	U	200	143		ug/L		71	53 - 149
1,2-Dibromoethane	0.19	U	200	191		ug/L		95	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*48 - 130*
Toluene-d8 (Surr)	*101*		*80 - 120*
Bromofluorobenzene	*91*		*71 - 131*
Dibromofluoromethane (Surr)	*99*		*80 - 120*

Lab Sample ID: 460-121138-1 MSD
Matrix: Water
Analysis Batch: 394312

Client Sample ID: MW-15
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethyl Chloride	0.37	U	200	220		ug/L		110	14 - 230	25	30
Vinyl chloride	0.060	U	200	212		ug/L		106	0 - 251	23	30

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-121138-1 MSD
Matrix: Water
Analysis Batch: 394312

Client Sample ID: MW-15
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromomethane	0.18	U	200	210		ug/L		105	0 - 242	23	30
Chloromethane	0.22	U	200	208		ug/L		104	0 - 273	24	30
Acetone	1.1	U	1000	984		ug/L		98	48 - 143	17	30
Carbon disulfide	0.22	U F2	200	176	F2	ug/L		88	51 - 144	31	30
Methylene Chloride	0.21	U	200	230		ug/L		115	0 - 221	18	30
Trichlorofluoromethane	0.15	U	200	204		ug/L		102	17 - 181	27	30
1,1-Dichloroethene	0.34	U	200	210		ug/L		105	0 - 234	18	30
Chloroform	0.22	U	200	236		ug/L		118	51 - 138	20	30
Toluene	0.25	U	200	232		ug/L		116	78 - 120	23	30
Benzene	0.090	U	200	241		ug/L		120	37 - 151	24	30
Freon TF	0.34	U	200	204		ug/L		102	48 - 150	22	30
Styrene	0.17	U	200	220		ug/L		110	80 - 126	22	30
Bromoform	0.18	U F2	200	154	F2	ug/L		77	45 - 169	31	30
Cyclohexane	0.26	U	200	232		ug/L		116	59 - 150	21	30
Carbon tetrachloride	0.33	U	200	205		ug/L		103	70 - 140	24	30
Chlorobenzene	0.24	U	200	227		ug/L		113	37 - 160	21	30
1,1,2,2-Tetrachloroethane	0.19	U	200	250		ug/L		125	46 - 147	17	30
1,2,4-Trichlorobenzene	0.27	U	200	210		ug/L		105	64 - 124	29	30
1,2,3-Trichlorobenzene	0.35	U F2	200	234	F2	ug/L		117	56 - 136	42	30
1,2-Dichlorobenzene	0.22	U	200	235		ug/L		117	18 - 190	21	30
1,3-Dichlorobenzene	0.33	U	200	229		ug/L		114	59 - 156	18	30
1,4-Dichlorobenzene	0.33	U	200	229		ug/L		114	18 - 190	19	30
1,2-Dibromo-3-Chloropropane	0.23	U	200	232		ug/L		116	48 - 129	26	30
1,1,2-Trichloroethane	0.080	U	200	240		ug/L		120	52 - 150	21	30
4-Methyl-2-pentanone	0.63	U	1000	1110		ug/L		111	73 - 124	21	30
p-Dioxane	8.7	U	4000	5470		ug/L		137	71 - 150	25	30
1,2-Dichloroethane	0.25	U	200	241		ug/L		121	49 - 155	19	30
2-Butanone	2.2	U	1000	1040		ug/L		104	57 - 144	21	30
1,1-Dichloroethane	0.24	U	200	243		ug/L		122	59 - 155	20	30
2-Hexanone	0.72	U	1000	1110		ug/L		111	60 - 137	20	30
MTBE	0.13	U	200	229		ug/L		114	63 - 128	19	30
Tetrachloroethene	0.12	U	200	208		ug/L		104	78 - 121	23	30
Isopropylbenzene	0.32	U	200	221		ug/L		111	80 - 120	22	30
Ethylbenzene	0.30	U	200	227		ug/L		113	37 - 162	22	30
Bromodichloromethane	0.15	U	200	204		ug/L		102	35 - 155	24	30
Dichlorodifluoromethane	0.14	U	200	172		ug/L		86	50 - 127	28	30
Methyl acetate	0.58	U	1000	1230		ug/L		123	39 - 150	17	30
trans-1,3-Dichloropropene	0.19	U	200	201		ug/L		100	17 - 183	22	30
trans-1,2-Dichloroethene	0.18	U	200	225		ug/L		112	54 - 156	19	30
cis-1,2-Dichloroethene	0.26	U	200	228		ug/L		114	80 - 120	20	30
cis-1,3-Dichloropropene	0.16	U	200	213		ug/L		106	0 - 227	26	30
Xylenes, Total	0.28	U	400	447		ug/L		112	80 - 120	21	30
Trichloroethene	0.22	U	200	222		ug/L		111	71 - 157	21	30
Methylcyclohexane	0.22	U	200	214		ug/L		107	77 - 150	23	30
1,1,1-Trichloroethane	0.28	U	200	216		ug/L		108	52 - 162	20	30
1,2-Dichloropropane	0.18	U	200	226		ug/L		113	0 - 210	20	30
Dibromochloromethane	0.22	U	200	188		ug/L		94	53 - 149	28	30
1,2-Dibromoethane	0.19	U	200	229		ug/L		114	80 - 120	18	30

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-121138-1 MSD
Matrix: Water
Analysis Batch: 394312

Client Sample ID: MW-15
Prep Type: Total/NA

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*109*		*48 - 130*
Toluene-d8 (Surr)	*105*		*80 - 120*
Bromofluorobenzene	*92*		*71 - 131*
Dibromofluoromethane (Surr)	*99*		*80 - 120*

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-394513/1-A
Matrix: Water
Analysis Batch: 394601

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 394513

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.12	U	1.0	0.12	ug/L		10/03/16 10:31	10/04/16 01:54	1
1,3-Dichlorobenzene	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 01:54	1
1,4-Dichlorobenzene	0.66	U	10	0.66	ug/L		10/03/16 10:31	10/04/16 01:54	1
1,2-Dichlorobenzene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 01:54	1
N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83	ug/L		10/03/16 10:31	10/04/16 01:54	1
Hexachloroethane	0.090	U	1.0	0.090	ug/L		10/03/16 10:31	10/04/16 01:54	1
Nitrobenzene	0.49	U	1.0	0.49	ug/L		10/03/16 10:31	10/04/16 01:54	1
Isophorone	0.67	U	10	0.67	ug/L		10/03/16 10:31	10/04/16 01:54	1
Bis(2-chloroethoxy)methane	0.69	U	10	0.69	ug/L		10/03/16 10:31	10/04/16 01:54	1
1,2,4-Trichlorobenzene	0.61	U	1.0	0.61	ug/L		10/03/16 10:31	10/04/16 01:54	1
Naphthalene	0.80	U	10	0.80	ug/L		10/03/16 10:31	10/04/16 01:54	1
4-Chloroaniline	0.73	U	10	0.73	ug/L		10/03/16 10:31	10/04/16 01:54	1
Hexachlorobutadiene	0.76	U	1.0	0.76	ug/L		10/03/16 10:31	10/04/16 01:54	1
2-Methylnaphthalene	0.88	U	10	0.88	ug/L		10/03/16 10:31	10/04/16 01:54	1
Hexachlorocyclopentadiene	0.61	U	10	0.61	ug/L		10/03/16 10:31	10/04/16 01:54	1
2-Chloronaphthalene	0.61	U	10	0.61	ug/L		10/03/16 10:31	10/04/16 01:54	1
2-Nitroaniline	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 01:54	1
Dimethyl phthalate	0.98	U	10	0.98	ug/L		10/03/16 10:31	10/04/16 01:54	1
Acenaphthylene	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 01:54	1
2,6-Dinitrotoluene	0.88	U	2.0	0.88	ug/L		10/03/16 10:31	10/04/16 01:54	1
3-Nitroaniline	0.82	U	10	0.82	ug/L		10/03/16 10:31	10/04/16 01:54	1
Acenaphthene	0.88	U	10	0.88	ug/L		10/03/16 10:31	10/04/16 01:54	1
Dibenzofuran	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 01:54	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		10/03/16 10:31	10/04/16 01:54	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 01:54	1
4-Chlorophenyl phenyl ether	0.96	U	10	0.96	ug/L		10/03/16 10:31	10/04/16 01:54	1
Fluorene	0.80	U	10	0.80	ug/L		10/03/16 10:31	10/04/16 01:54	1
4-Nitroaniline	0.48	U	10	0.48	ug/L		10/03/16 10:31	10/04/16 01:54	1
N-Nitrosodiphenylamine	0.74	U	10	0.74	ug/L		10/03/16 10:31	10/04/16 01:54	1
4-Bromophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 01:54	1
Hexachlorobenzene	0.47	U	1.0	0.47	ug/L		10/03/16 10:31	10/04/16 01:54	1
Phenanthrene	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 01:54	1
Anthracene	0.57	U	10	0.57	ug/L		10/03/16 10:31	10/04/16 01:54	1
Carbazole	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 01:54	1
Di-n-butyl phthalate	0.82	U	10	0.82	ug/L		10/03/16 10:31	10/04/16 01:54	1
Fluoranthene	0.72	U	10	0.72	ug/L		10/03/16 10:31	10/04/16 01:54	1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-394513/1-A
Matrix: Water
Analysis Batch: 394601

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 394513

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 01:54	1
Butyl benzyl phthalate	0.60	U	10	0.60	ug/L		10/03/16 10:31	10/04/16 01:54	1
3,3'-Dichlorobenzidine	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 01:54	1
Benzo[a]anthracene	0.55	U	1.0	0.55	ug/L		10/03/16 10:31	10/04/16 01:54	1
Chrysene	0.67	U	2.0	0.67	ug/L		10/03/16 10:31	10/04/16 01:54	1
Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72	ug/L		10/03/16 10:31	10/04/16 01:54	1
Di-n-octyl phthalate	0.69	U	10	0.69	ug/L		10/03/16 10:31	10/04/16 01:54	1
Benzo[b]fluoranthene	0.44	U	1.0	0.44	ug/L		10/03/16 10:31	10/04/16 01:54	1
Benzo[k]fluoranthene	0.18	U	1.0	0.18	ug/L		10/03/16 10:31	10/04/16 01:54	1
Benzo[a]pyrene	0.16	U	1.0	0.16	ug/L		10/03/16 10:31	10/04/16 01:54	1
Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21	ug/L		10/03/16 10:31	10/04/16 01:54	1
Dibenz(a,h)anthracene	0.090	U	1.0	0.090	ug/L		10/03/16 10:31	10/04/16 01:54	1
Benzo[g,h,i]perylene	0.75	U	10	0.75	ug/L		10/03/16 10:31	10/04/16 01:54	1
bis (2-chloroisopropyl) ether	0.93	U	10	0.93	ug/L		10/03/16 10:31	10/04/16 01:54	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*10/03/16 10:31*	*10/04/16 01:54*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*76*		*49 - 125*	*10/03/16 10:31*	*10/04/16 01:54*	*1*
Terphenyl-d14	*79*		*28 - 150*	*10/03/16 10:31*	*10/04/16 01:54*	*1*
2-Fluorobiphenyl	*71*		*44 - 129*	*10/03/16 10:31*	*10/04/16 01:54*	*1*

Lab Sample ID: LCS 460-394513/2-A
Matrix: Water
Analysis Batch: 394601

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 394513

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-chloroethyl)ether	80.0	60.9		ug/L		76	12 - 158
1,3-Dichlorobenzene	80.0	59.0		ug/L		74	0.1 - 172
1,4-Dichlorobenzene	80.0	59.0		ug/L		74	20 - 124
1,2-Dichlorobenzene	80.0	59.7		ug/L		75	32 - 129
N-Nitrosodi-n-propylamine	80.0	54.4		ug/L		68	0.1 - 230
Hexachloroethane	80.0	56.6		ug/L		71	40 - 113
Nitrobenzene	80.0	59.4		ug/L		74	35 - 180
Isophorone	80.0	59.9		ug/L		75	21 - 196
Bis(2-chloroethoxy)methane	80.0	67.9		ug/L		85	33 - 184
1,2,4-Trichlorobenzene	80.0	59.6		ug/L		75	44 - 142
Naphthalene	80.0	64.7		ug/L		81	21 - 133
4-Chloroaniline	80.0	59.1		ug/L		74	49 - 117
Hexachlorobutadiene	80.0	58.0		ug/L		73	24 - 116
2-Methylnaphthalene	80.0	64.4		ug/L		80	56 - 113
Hexachlorocyclopentadiene	80.0	61.6		ug/L		77	27 - 124
2-Chloronaphthalene	80.0	68.4		ug/L		85	60 - 118
2-Nitroaniline	80.0	75.2		ug/L		94	54 - 128
Dimethyl phthalate	80.0	67.8		ug/L		85	0.1 - 112
Acenaphthylene	80.0	68.3		ug/L		85	33 - 145

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-394513/2-A
Matrix: Water
Analysis Batch: 394601

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 394513

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,6-Dinitrotoluene	80.0	74.6		ug/L		93	50 - 158
3-Nitroaniline	80.0	67.3		ug/L		84	51 - 130
Acenaphthene	80.0	76.1		ug/L		95	47 - 145
Dibenzofuran	80.0	71.0		ug/L		89	59 - 121
2,4-Dinitrotoluene	80.0	78.5		ug/L		98	39 - 139
Diethyl phthalate	80.0	73.1		ug/L		91	0.1 - 114
4-Chlorophenyl phenyl ether	80.0	72.0		ug/L		90	25 - 158
Fluorene	80.0	70.8		ug/L		89	59 - 121
4-Nitroaniline	80.0	74.7		ug/L		93	48 - 136
N-Nitrosodiphenylamine	80.0	68.8		ug/L		86	53 - 130
4-Bromophenyl phenyl ether	80.0	70.8		ug/L		88	53 - 127
Hexachlorobenzene	80.0	73.0		ug/L		91	0.1 - 152
Phenanthrene	80.0	71.9		ug/L		90	54 - 120
Anthracene	80.0	73.7		ug/L		92	27 - 133
Carbazole	80.0	73.1		ug/L		91	64 - 129
Di-n-butyl phthalate	80.0	69.1		ug/L		86	1 - 118
Fluoranthene	80.0	72.5		ug/L		91	26 - 137
Pyrene	80.0	78.4		ug/L		98	52 - 115
Butyl benzyl phthalate	80.0	79.8		ug/L		100	0.1 - 152
3,3'-Dichlorobenzidine	80.0	74.8		ug/L		94	0.1 - 262
Benzo[a]anthracene	80.0	77.0		ug/L		96	33 - 143
Chrysene	80.0	79.2		ug/L		99	17 - 168
Bis(2-ethylhexyl) phthalate	80.0	82.5		ug/L		103	8 - 158
Di-n-octyl phthalate	80.0	74.9		ug/L		94	4 - 146
Benzo[b]fluoranthene	80.0	71.9		ug/L		90	24 - 159
Benzo[k]fluoranthene	80.0	75.5		ug/L		94	11 - 162
Benzo[a]pyrene	80.0	73.1		ug/L		91	17 - 163
Indeno[1,2,3-cd]pyrene	80.0	75.1		ug/L		94	0.1 - 171
Dibenz(a,h)anthracene	80.0	85.5		ug/L		107	0.1 - 227
Benzo[g,h,i]perylene	80.0	79.3		ug/L		99	0.1 - 219
bis (2-chloroisopropyl) ether	80.0	59.5		ug/L		74	36 - 166

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*74*		*49 - 125*
Terphenyl-d14	*88*		*28 - 150*
2-Fluorobiphenyl	*81*		*44 - 129*

Lab Sample ID: LCSD 460-394513/3-A
Matrix: Water
Analysis Batch: 394601

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 394513

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bis(2-chloroethyl)ether	80.0	60.5		ug/L		76	12 - 158	1	40
1,3-Dichlorobenzene	80.0	55.9		ug/L		70	0.1 - 172	5	40
1,4-Dichlorobenzene	80.0	56.6		ug/L		71	20 - 124	4	40
1,2-Dichlorobenzene	80.0	56.4		ug/L		71	32 - 129	6	40
N-Nitrosodi-n-propylamine	80.0	57.9		ug/L		72	0.1 - 230	6	40
Hexachloroethane	80.0	54.1		ug/L		68	40 - 113	4	40

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-394513/3-A
Matrix: Water
Analysis Batch: 394601

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 394513

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrobenzene			80.0	60.0		ug/L		75	35 - 180	1	40
Isophorone			80.0	62.2		ug/L		78	21 - 196	4	40
Bis(2-chloroethoxy)methane			80.0	67.1		ug/L		84	33 - 184	1	40
1,2,4-Trichlorobenzene			80.0	58.2		ug/L		73	44 - 142	2	40
Naphthalene			80.0	63.8		ug/L		80	21 - 133	1	40
4-Chloroaniline			80.0	62.4		ug/L		78	49 - 117	5	40
Hexachlorobutadiene			80.0	57.9		ug/L		72	24 - 116	0	40
2-Methylnaphthalene			80.0	62.0		ug/L		78	56 - 113	4	40
Hexachlorocyclopentadiene			80.0	60.5		ug/L		76	27 - 124	2	40
2-Chloronaphthalene			80.0	71.7		ug/L		90	60 - 118	5	40
2-Nitroaniline			80.0	79.1		ug/L		99	54 - 128	5	40
Dimethyl phthalate			80.0	68.8		ug/L		86	0.1 - 112	1	40
Acenaphthylene			80.0	69.6		ug/L		87	33 - 145	2	40
2,6-Dinitrotoluene			80.0	80.1		ug/L		100	50 - 158	7	40
3-Nitroaniline			80.0	70.8		ug/L		89	51 - 130	5	40
Acenaphthene			80.0	82.2		ug/L		103	47 - 145	8	40
Dibenzofuran			80.0	70.3		ug/L		88	59 - 121	1	40
2,4-Dinitrotoluene			80.0	80.9		ug/L		101	39 - 139	3	40
Diethyl phthalate			80.0	73.6		ug/L		92	0.1 - 114	1	40
4-Chlorophenyl phenyl ether			80.0	75.7		ug/L		95	25 - 158	5	40
Fluorene			80.0	69.2		ug/L		86	59 - 121	2	40
4-Nitroaniline			80.0	76.6		ug/L		96	48 - 136	3	40
N-Nitrosodiphenylamine			80.0	69.2		ug/L		86	53 - 130	1	40
4-Bromophenyl phenyl ether			80.0	69.7		ug/L		87	53 - 127	2	40
Hexachlorobenzene			80.0	72.1		ug/L		90	0.1 - 152	1	40
Phenanthrene			80.0	72.2		ug/L		90	54 - 120	0	40
Anthracene			80.0	70.8		ug/L		89	27 - 133	4	40
Carbazole			80.0	70.3		ug/L		88	64 - 129	4	40
Di-n-butyl phthalate			80.0	69.7		ug/L		87	1 - 118	1	40
Fluoranthene			80.0	71.4		ug/L		89	26 - 137	1	40
Pyrene			80.0	77.8		ug/L		97	52 - 115	1	40
Butyl benzyl phthalate			80.0	81.0		ug/L		101	0.1 - 152	2	40
3,3'-Dichlorobenzidine			80.0	72.7		ug/L		91	0.1 - 262	3	40
Benzo[a]anthracene			80.0	74.3		ug/L		93	33 - 143	4	40
Chrysene			80.0	79.1		ug/L		99	17 - 168	0	40
Bis(2-ethylhexyl) phthalate			80.0	80.9		ug/L		101	8 - 158	2	40
Di-n-octyl phthalate			80.0	73.8		ug/L		92	4 - 146	1	40
Benzo[b]fluoranthene			80.0	75.2		ug/L		94	24 - 159	4	40
Benzo[k]fluoranthene			80.0	69.8		ug/L		87	11 - 162	8	40
Benzo[a]pyrene			80.0	74.4		ug/L		93	17 - 163	2	40
Indeno[1,2,3-cd]pyrene			80.0	85.7		ug/L		107	0.1 - 171	13	40
Dibenz(a,h)anthracene			80.0	81.0		ug/L		101	0.1 - 227	5	40
Benzo[g,h,i]perylene			80.0	78.6		ug/L		98	0.1 - 219	1	40
bis (2-chloroisopropyl) ether			80.0	57.7		ug/L		72	36 - 166	3	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Nitrobenzene-d5	*74*		*49 - 125*
Terphenyl-d14	*84*		*28 - 150*

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-394513/3-A
Matrix: Water
Analysis Batch: 394601

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 394513

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*80*		*44 - 129*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-394112/1-A
Matrix: Water
Analysis Batch: 394713

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 394112

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 13:37	1
Aroclor 1221	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 13:37	1
Aroclor 1232	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 13:37	1
Aroclor 1242	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 13:37	1
Aroclor 1248	0.098	U	0.40	0.098	ug/L		09/30/16 20:30	10/04/16 13:37	1
Aroclor 1254	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 13:37	1
Aroclor 1260	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 13:37	1
Aroclor 1262	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 13:37	1
Aroclor 1268	0.084	U	0.40	0.084	ug/L		09/30/16 20:30	10/04/16 13:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*134*		*10 - 150*	*09/30/16 20:30*	*10/04/16 13:37*	*1*
DCB Decachlorobiphenyl	*130*		*10 - 150*	*09/30/16 20:30*	*10/04/16 13:37*	*1*

Lab Sample ID: LCS 460-394112/2-A
Matrix: Water
Analysis Batch: 394713

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 394112

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	4.00	3.58		ug/L		90	77 - 150
Aroclor 1016	4.00	4.24		ug/L		106	77 - 150
Aroclor 1260	4.00	4.76		ug/L		119	80 - 150
Aroclor 1260	4.00	4.64		ug/L		116	80 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*128*		*10 - 150*
DCB Decachlorobiphenyl	*134*		*10 - 150*

Lab Sample ID: LCSD 460-394112/3-A
Matrix: Water
Analysis Batch: 394713

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 394112

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016	4.00	3.59		ug/L		90	77 - 150	0	30
Aroclor 1016	4.00	4.38		ug/L		109	77 - 150	3	30
Aroclor 1260	4.00	4.89		ug/L		122	80 - 150	5	30
Aroclor 1260	4.00	5.14		ug/L		128	80 - 150	8	30

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 460-394112/3-A
Matrix: Water
Analysis Batch: 394713

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 394112

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*131*		*10 - 150*
DCB Decachlorobiphenyl	*147*		*10 - 150*

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 460-394569/1
Matrix: Water
Analysis Batch: 394569

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	10.0	U	10.0	10.0	mg/L			10/03/16 14:29	1

Lab Sample ID: LCSSRM 460-394569/2
Matrix: Water
Analysis Batch: 394569

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	274	254.0		mg/L		92.7	84.3 - 109.9

Lab Sample ID: 460-121155-I-1 DU
Matrix: Water
Analysis Batch: 394569

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	876		864.0		mg/L		1	5

Lab Sample ID: 460-121155-I-2 DU
Matrix: Water
Analysis Batch: 394569

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1410		1348		mg/L		4	5

Lab Sample ID: MB 460-394840/1
Matrix: Water
Analysis Batch: 394840

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	10.0	U	10.0	10.0	mg/L			10/04/16 13:46	1

Lab Sample ID: LCSSRM 460-394840/2
Matrix: Water
Analysis Batch: 394840

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	274	296.0		mg/L		108.0	84.3 - 109.9

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: 460-121204-D-1 DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 394840

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	856		860.0		mg/L		0.5	5

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 460-394488/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 394488

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	1.0	U	1.0	1.0	mg/L			10/03/16 08:34	1

Lab Sample ID: LCSSRM 460-394488/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 394488

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Total Suspended Solids	79.0	68.00		mg/L		86.1	82.7 - 107.0

Lab Sample ID: 460-121029-C-1 DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 394488

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	280		280.0		mg/L		0	5

Lab Sample ID: MB 460-394501/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 394501

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	1.0	U	1.0	1.0	mg/L			10/03/16 09:39	1

Lab Sample ID: LCSSRM 460-394501/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 394501

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Total Suspended Solids	79.0	78.00		mg/L		98.7	82.7 - 107.0

Lab Sample ID: 460-121026-B-3 DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 394501

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	104		110.0	F3	mg/L		6	5

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	This flag indicates the presumptive evidence of a compound.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

QC Association Summary

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-121138-1

GC/MS VOA

Analysis Batch: 394312

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121138-1	MW-15	Total/NA	Water	624	
460-121138-2	MW-10	Total/NA	Water	624	
460-121138-3	MW-15D	Total/NA	Water	624	
460-121138-4	MW-21	Total/NA	Water	624	
460-121138-5	MW-20	Total/NA	Water	624	
460-121138-6	MW-6	Total/NA	Water	624	
460-121138-7	MW-6 Filtered	Total/NA	Water	624	
460-121138-8	MW-3D	Total/NA	Water	624	
460-121138-9	FB-20160928	Total/NA	Water	624	
460-121138-10	DUP-20160928	Total/NA	Water	624	
460-121138-11	Trip Blank	Total/NA	Water	624	
MB 460-394312/7	Method Blank	Total/NA	Water	624	
LCS 460-394312/4	Lab Control Sample	Total/NA	Water	624	
460-121138-1 MS	MW-15	Total/NA	Water	624	
460-121138-1 MSD	MW-15	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 394513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121138-1	MW-15	Total/NA	Water	625	
460-121138-2	MW-10	Total/NA	Water	625	
460-121138-3	MW-15D	Total/NA	Water	625	
460-121138-4	MW-21	Total/NA	Water	625	
460-121138-5	MW-20	Total/NA	Water	625	
460-121138-6	MW-6	Total/NA	Water	625	
460-121138-7	MW-6 Filtered	Total/NA	Water	625	
460-121138-8	MW-3D	Total/NA	Water	625	
460-121138-9	FB-20160928	Total/NA	Water	625	
460-121138-10	DUP-20160928	Total/NA	Water	625	
MB 460-394513/1-A	Method Blank	Total/NA	Water	625	
LCS 460-394513/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 460-394513/3-A	Lab Control Sample Dup	Total/NA	Water	625	

Analysis Batch: 394601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121138-1	MW-15	Total/NA	Water	625	394513
460-121138-2	MW-10	Total/NA	Water	625	394513
460-121138-3	MW-15D	Total/NA	Water	625	394513
460-121138-4	MW-21	Total/NA	Water	625	394513
460-121138-5	MW-20	Total/NA	Water	625	394513
460-121138-6	MW-6	Total/NA	Water	625	394513
460-121138-7	MW-6 Filtered	Total/NA	Water	625	394513
460-121138-8	MW-3D	Total/NA	Water	625	394513
460-121138-9	FB-20160928	Total/NA	Water	625	394513
460-121138-10	DUP-20160928	Total/NA	Water	625	394513
MB 460-394513/1-A	Method Blank	Total/NA	Water	625	394513
LCS 460-394513/2-A	Lab Control Sample	Total/NA	Water	625	394513
LCSD 460-394513/3-A	Lab Control Sample Dup	Total/NA	Water	625	394513

GC Semi VOA

Prep Batch: 394112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121138-1	MW-15	Total/NA	Water	3510C	
460-121138-2	MW-10	Total/NA	Water	3510C	
460-121138-3	MW-15D	Total/NA	Water	3510C	
460-121138-4	MW-21	Total/NA	Water	3510C	
460-121138-5	MW-20	Total/NA	Water	3510C	
460-121138-6	MW-6	Total/NA	Water	3510C	
460-121138-7	MW-6 Filtered	Total/NA	Water	3510C	
460-121138-8	MW-3D	Total/NA	Water	3510C	
460-121138-9	FB-20160928	Total/NA	Water	3510C	
460-121138-10	DUP-20160928	Total/NA	Water	3510C	
MB 460-394112/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-394112/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-394112/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 394713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121138-1	MW-15	Total/NA	Water	8082A	394112
460-121138-2	MW-10	Total/NA	Water	8082A	394112
460-121138-3	MW-15D	Total/NA	Water	8082A	394112
460-121138-4	MW-21	Total/NA	Water	8082A	394112
460-121138-5	MW-20	Total/NA	Water	8082A	394112
460-121138-6	MW-6	Total/NA	Water	8082A	394112
460-121138-7	MW-6 Filtered	Total/NA	Water	8082A	394112
460-121138-8	MW-3D	Total/NA	Water	8082A	394112
460-121138-9	FB-20160928	Total/NA	Water	8082A	394112
460-121138-10	DUP-20160928	Total/NA	Water	8082A	394112
MB 460-394112/1-A	Method Blank	Total/NA	Water	8082A	394112
LCS 460-394112/2-A	Lab Control Sample	Total/NA	Water	8082A	394112
LCSD 460-394112/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	394112

General Chemistry

Analysis Batch: 394488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121138-1	MW-15	Total/NA	Water	SM 2540D	
460-121138-2	MW-10	Total/NA	Water	SM 2540D	
460-121138-3	MW-15D	Total/NA	Water	SM 2540D	
460-121138-4	MW-21	Total/NA	Water	SM 2540D	
460-121138-5	MW-20	Total/NA	Water	SM 2540D	
460-121138-6	MW-6	Total/NA	Water	SM 2540D	
460-121138-7	MW-6 Filtered	Total/NA	Water	SM 2540D	
460-121138-8	MW-3D	Total/NA	Water	SM 2540D	
460-121138-9	FB-20160928	Total/NA	Water	SM 2540D	
MB 460-394488/1	Method Blank	Total/NA	Water	SM 2540D	
LCSSRM 460-394488/2	Lab Control Sample	Total/NA	Water	SM 2540D	
460-121029-C-1 DU	Duplicate	Total/NA	Water	SM 2540D	

Analysis Batch: 394501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121138-10	DUP-20160928	Total/NA	Water	SM 2540D	

General Chemistry (Continued)

Analysis Batch: 394501 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-394501/1	Method Blank	Total/NA	Water	SM 2540D	
LCSSRM 460-394501/2	Lab Control Sample	Total/NA	Water	SM 2540D	
460-121026-B-3 DU	Duplicate	Total/NA	Water	SM 2540D	

Analysis Batch: 394569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121138-1	MW-15	Total/NA	Water	SM 2540C	
460-121138-2	MW-10	Total/NA	Water	SM 2540C	
460-121138-3	MW-15D	Total/NA	Water	SM 2540C	
460-121138-4	MW-21	Total/NA	Water	SM 2540C	
460-121138-5	MW-20	Total/NA	Water	SM 2540C	
460-121138-6	MW-6	Total/NA	Water	SM 2540C	
460-121138-7	MW-6 Filtered	Total/NA	Water	SM 2540C	
460-121138-8	MW-3D	Total/NA	Water	SM 2540C	
460-121138-10	DUP-20160928	Total/NA	Water	SM 2540C	
MB 460-394569/1	Method Blank	Total/NA	Water	SM 2540C	
LCSSRM 460-394569/2	Lab Control Sample	Total/NA	Water	SM 2540C	
460-121155-I-1 DU	Duplicate	Total/NA	Water	SM 2540C	
460-121155-I-2 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 394840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121138-9	FB-20160928	Total/NA	Water	SM 2540C	
MB 460-394840/1	Method Blank	Total/NA	Water	SM 2540C	
LCSSRM 460-394840/2	Lab Control Sample	Total/NA	Water	SM 2540C	
460-121204-D-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Client Sample ID: MW-15
Date Collected: 09/28/16 10:00
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	394312	10/02/16 20:35	SZD	TAL EDI
Total/NA	Prep	625			394513	10/03/16 10:31	GRB	TAL EDI
Total/NA	Analysis	625		1	394601	10/04/16 03:44	MMC	TAL EDI
Total/NA	Prep	3510C			394112	09/30/16 20:30	RAR	TAL EDI
Total/NA	Analysis	8082A		1	394713	10/04/16 15:40	JHP	TAL EDI
Total/NA	Analysis	SM 2540C		1	394569	10/03/16 14:29	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	394488	10/03/16 08:34	PLS	TAL EDI

Client Sample ID: MW-10
Date Collected: 09/28/16 10:45
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	394312	10/02/16 20:56	SZD	TAL EDI
Total/NA	Prep	625			394513	10/03/16 10:31	GRB	TAL EDI
Total/NA	Analysis	625		1	394601	10/04/16 04:06	MMC	TAL EDI
Total/NA	Prep	3510C			394112	09/30/16 20:30	RAR	TAL EDI
Total/NA	Analysis	8082A		1	394713	10/04/16 15:57	JHP	TAL EDI
Total/NA	Analysis	SM 2540C		1	394569	10/03/16 14:29	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	394488	10/03/16 08:34	PLS	TAL EDI

Client Sample ID: MW-15D
Date Collected: 09/28/16 11:30
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	394312	10/02/16 21:18	SZD	TAL EDI
Total/NA	Prep	625			394513	10/03/16 10:31	GRB	TAL EDI
Total/NA	Analysis	625		1	394601	10/04/16 04:28	MMC	TAL EDI
Total/NA	Prep	3510C			394112	09/30/16 20:30	RAR	TAL EDI
Total/NA	Analysis	8082A		1	394713	10/04/16 16:14	JHP	TAL EDI
Total/NA	Analysis	SM 2540C		1	394569	10/03/16 14:29	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	394488	10/03/16 08:34	PLS	TAL EDI

Client Sample ID: MW-21
Date Collected: 09/28/16 13:40
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	394312	10/02/16 21:40	SZD	TAL EDI
Total/NA	Prep	625			394513	10/03/16 10:31	GRB	TAL EDI
Total/NA	Analysis	625		1	394601	10/04/16 04:50	MMC	TAL EDI

Client Sample ID: MW-21
Date Collected: 09/28/16 13:40
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			394112	09/30/16 20:30	RAR	TAL EDI
Total/NA	Analysis	8082A		1	394713	10/04/16 16:30	JHP	TAL EDI
Total/NA	Analysis	SM 2540C		1	394569	10/03/16 14:29	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	394488	10/03/16 08:34	PLS	TAL EDI

Client Sample ID: MW-20
Date Collected: 09/28/16 13:45
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	394312	10/02/16 22:02	SZD	TAL EDI
Total/NA	Prep	625			394513	10/03/16 10:31	GRB	TAL EDI
Total/NA	Analysis	625		1	394601	10/04/16 05:12	MMC	TAL EDI
Total/NA	Prep	3510C			394112	09/30/16 20:30	RAR	TAL EDI
Total/NA	Analysis	8082A		1	394713	10/04/16 16:47	JHP	TAL EDI
Total/NA	Analysis	SM 2540C		1	394569	10/03/16 14:29	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	394488	10/03/16 08:34	PLS	TAL EDI

Client Sample ID: MW-6
Date Collected: 09/28/16 15:15
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	394312	10/02/16 22:24	SZD	TAL EDI
Total/NA	Prep	625			394513	10/03/16 10:31	GRB	TAL EDI
Total/NA	Analysis	625		1	394601	10/04/16 05:35	MMC	TAL EDI
Total/NA	Prep	3510C			394112	09/30/16 20:30	RAR	TAL EDI
Total/NA	Analysis	8082A		1	394713	10/04/16 17:04	JHP	TAL EDI
Total/NA	Analysis	SM 2540C		1	394569	10/03/16 14:29	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	394488	10/03/16 08:34	PLS	TAL EDI

Client Sample ID: MW-6 Filtered
Date Collected: 09/28/16 15:25
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	394312	10/02/16 22:45	SZD	TAL EDI
Total/NA	Prep	625			394513	10/03/16 10:31	GRB	TAL EDI
Total/NA	Analysis	625		1	394601	10/04/16 05:57	MMC	TAL EDI
Total/NA	Prep	3510C			394112	09/30/16 20:30	RAR	TAL EDI
Total/NA	Analysis	8082A		1	394713	10/04/16 17:21	JHP	TAL EDI
Total/NA	Analysis	SM 2540C		1	394569	10/03/16 14:29	PLS	TAL EDI

Client Sample ID: MW-6 Filtered

Lab Sample ID: 460-121138-7

Date Collected: 09/28/16 15:25

Matrix: Water

Date Received: 09/28/16 20:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	394488	10/03/16 08:34	PLS	TAL EDI

Client Sample ID: MW-3D

Lab Sample ID: 460-121138-8

Date Collected: 09/28/16 15:20

Matrix: Water

Date Received: 09/28/16 20:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	394312	10/02/16 23:07	SZD	TAL EDI
Total/NA	Prep	625			394513	10/03/16 10:31	GRB	TAL EDI
Total/NA	Analysis	625		1	394601	10/04/16 06:19	MMC	TAL EDI
Total/NA	Prep	3510C			394112	09/30/16 20:30	RAR	TAL EDI
Total/NA	Analysis	8082A		1	394713	10/04/16 17:38	JHP	TAL EDI
Total/NA	Analysis	SM 2540C		1	394569	10/03/16 14:29	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	394488	10/03/16 08:34	PLS	TAL EDI

Client Sample ID: FB-20160928

Lab Sample ID: 460-121138-9

Date Collected: 09/28/16 16:25

Matrix: Water

Date Received: 09/28/16 20:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	394312	10/02/16 19:08	SZD	TAL EDI
Total/NA	Prep	625			394513	10/03/16 10:31	GRB	TAL EDI
Total/NA	Analysis	625		1	394601	10/04/16 06:41	MMC	TAL EDI
Total/NA	Prep	3510C			394112	09/30/16 20:30	RAR	TAL EDI
Total/NA	Analysis	8082A		1	394713	10/04/16 17:55	JHP	TAL EDI
Total/NA	Analysis	SM 2540C		1	394840	10/04/16 13:46	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	394488	10/03/16 08:34	PLS	TAL EDI

Client Sample ID: DUP-20160928

Lab Sample ID: 460-121138-10

Date Collected: 09/28/16 00:00

Matrix: Water

Date Received: 09/28/16 20:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	394312	10/02/16 23:28	SZD	TAL EDI
Total/NA	Prep	625			394513	10/03/16 10:31	GRB	TAL EDI
Total/NA	Analysis	625		1	394601	10/04/16 07:03	MMC	TAL EDI
Total/NA	Prep	3510C			394112	09/30/16 20:30	RAR	TAL EDI
Total/NA	Analysis	8082A		1	394713	10/04/16 18:12	JHP	TAL EDI
Total/NA	Analysis	SM 2540C		1	394569	10/03/16 14:29	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	394501	10/03/16 09:39	PLS	TAL EDI

Client Sample ID: Trip Blank

Date Collected: 09/28/16 00:00
Date Received: 09/28/16 20:15

Lab Sample ID: 460-121138-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	394312	10/02/16 19:29	SZD	TAL EDI

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Certification Summary

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-121138-1

Laboratory: TestAmerica Edison

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New Jersey	NELAP	2	12028	06-30-17

Method 624

Volatile Organic Compounds (GC/MS) by Method 624

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121138-1

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 #
MW-15	460-121138-1	102	112	104	92
MW-10	460-121138-2	100	111	103	90
MW-15D	460-121138-3	101	111	103	90
MW-21	460-121138-4	100	111	104	91
MW-20	460-121138-5	101	112	100	91
MW-6	460-121138-6	101	113	102	90
MW-6 Filtered	460-121138-7	101	112	102	92
MW-3D	460-121138-8	102	113	104	91
FB-20160928	460-121138-9	102	112	104	92
DUP-20160928	460-121138-10	102	112	105	92
Trip Blank	460-121138-11	101	112	104	91
	MB 460-394312/7	99	108	104	91
	LCS 460-394312/4	100	107	104	92
MW-15 MS	460-121138-1 MS	99	109	101	91
MW-15 MSD	460-121138-1 MSD	99	109	105	92

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	80-120
DCA = 1,2-Dichloroethane-d4 (Surr)	48-130
TOL = Toluene-d8 (Surr)	80-120
BFB = Bromofluorobenzene	71-131

Column to be used to flag recovery values

FORM II 624

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A27610.D

Lab ID: LCS 460-394312/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Ethyl Chloride	20.0	18.4	92	14-230	
Vinyl chloride	20.0	19.6	98	0-251	
Bromomethane	20.0	17.8	89	0-242	
Chloromethane	20.0	19.4	97	0-273	
Acetone	100	104	104	48-143	
Carbon disulfide	20.0	18.7	94	51-144	
Methylene Chloride	20.0	21.4	107	0-221	
Trichlorofluoromethane	20.0	18.5	93	17-181	
1,1-Dichloroethene	20.0	18.4	92	0-234	
Chloroform	20.0	20.7	103	51-138	
Toluene	20.0	19.9	99	78-120	
Benzene	20.0	20.5	103	37-151	
Freon TF	20.0	19.4	97	48-150	
Styrene	20.0	19.4	97	80-126	
Bromoform	20.0	15.4	77	45-169	
Cyclohexane	20.0	21.3	106	59-150	
Carbon tetrachloride	20.0	18.0	90	70-140	
Chlorobenzene	20.0	19.9	99	37-160	
1,1,2,2-Tetrachloroethane	20.0	22.1	111	46-147	
1,2,4-Trichlorobenzene	20.0	21.2	106	64-124	
1,2,3-Trichlorobenzene	20.0	23.9	119	56-136	
1,2-Dichlorobenzene	20.0	21.2	106	18-190	
1,3-Dichlorobenzene	20.0	20.8	104	59-156	
1,4-Dichlorobenzene	20.0	20.5	102	18-190	
1,2-Dibromo-3-Chloropropane	20.0	21.8	109	48-129	
1,1,2-Trichloroethane	20.0	21.3	106	52-150	
4-Methyl-2-pentanone	100	99.1	99	73-124	
p-Dioxane	400	490	122	71-150	
1,2-Dichloroethane	20.0	20.6	103	49-155	
2-Butanone	100	93.0	93	57-144	
1,1-Dichloroethane	20.0	21.1	105	59-155	
2-Hexanone	100	100	100	60-137	
MTBE	20.0	21.1	106	63-128	
Tetrachloroethene	20.0	18.1	90	78-121	
Isopropylbenzene	20.0	19.7	98	80-120	
Ethylbenzene	20.0	19.7	98	37-162	
Bromodichloromethane	20.0	18.4	92	35-155	
Dichlorodifluoromethane	20.0	18.2	91	50-127	
Methyl acetate	100	113	113	39-150	
trans-1,3-Dichloropropene	20.0	18.8	94	17-183	
trans-1,2-Dichloroethene	20.0	19.5	98	54-156	
cis-1,2-Dichloroethene	20.0	20.1	101	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A27610.D

Lab ID: LCS 460-394312/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
cis-1,3-Dichloropropene	20.0	19.7	99	0-227	
Xylenes, Total	40.0	38.9	97	80-120	
Trichloroethene	20.0	18.9	95	71-157	
Methylcyclohexane	20.0	20.0	100	77-150	
1,1,1-Trichloroethane	20.0	18.9	95	52-162	
1,2-Dichloropropane	20.0	19.9	100	0-210	
Dibromochloromethane	20.0	17.7	88	53-149	
1,2-Dibromoethane	20.0	20.7	103	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A27638.D

Lab ID: 460-121138-1 MS Client ID: MW-15 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Ethyl Chloride	200	0.37 U	172	86	14-230	
Vinyl chloride	200	0.060 U	169	84	0-251	
Bromomethane	200	0.18 U	167	84	0-242	
Chloromethane	200	0.22 U	164	82	0-273	
Acetone	1000	1.1 U	832	83	48-143	
Carbon disulfide	200	0.22 U	128	64	51-144	
Methylene Chloride	200	0.21 U	192	96	0-221	
Trichlorofluoromethane	200	0.15 U	155	77	17-181	
1,1-Dichloroethene	200	0.34 U	176	88	0-234	
Chloroform	200	0.22 U	193	97	51-138	
Toluene	200	0.25 U	184	92	78-120	
Benzene	200	0.090 U	190	95	37-151	
Freon TF	200	0.34 U	164	82	48-150	
Styrene	200	0.17 U	176	88	80-126	
Bromoform	200	0.18 U	112	56	45-169	
Cyclohexane	200	0.26 U	188	94	59-150	
Carbon tetrachloride	200	0.33 U	161	80	70-140	
Chlorobenzene	200	0.24 U	185	92	37-160	
1,1,2,2-Tetrachloroethane	200	0.19 U	210	105	46-147	
1,2,4-Trichlorobenzene	200	0.27 U	157	79	64-124	
1,2,3-Trichlorobenzene	200	0.35 U	153	76	56-136	
1,2-Dichlorobenzene	200	0.22 U	190	95	18-190	
1,3-Dichlorobenzene	200	0.33 U	191	95	59-156	
1,4-Dichlorobenzene	200	0.33 U	188	94	18-190	
1,2-Dibromo-3-Chloropropane	200	0.23 U	178	89	48-129	
1,1,2-Trichloroethane	200	0.080 U	194	97	52-150	
4-Methyl-2-pentanone	1000	0.63 U	897	90	73-124	
p-Dioxane	4000	8.7 U	4260	106	71-150	
1,2-Dichloroethane	200	0.25 U	200	100	49-155	
2-Butanone	1000	2.2 U	836	84	57-144	
1,1-Dichloroethane	200	0.24 U	199	99	59-155	
2-Hexanone	1000	0.72 U	907	91	60-137	
MTBE	200	0.13 U	189	95	63-128	
Tetrachloroethene	200	0.12 U	165	82	78-121	
Isopropylbenzene	200	0.32 U	177	89	80-120	
Ethylbenzene	200	0.30 U	182	91	37-162	
Bromodichloromethane	200	0.15 U	161	80	35-155	
Dichlorodifluoromethane	200	0.14 U	130	65	50-127	
Methyl acetate	1000	0.58 U	1040	104	39-150	
trans-1,3-Dichloropropene	200	0.19 U	160	80	17-183	
trans-1,2-Dichloroethene	200	0.18 U	185	93	54-156	
cis-1,2-Dichloroethene	200	0.26 U	187	94	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A27638.D

Lab ID: 460-121138-1 MS Client ID: MW-15 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
cis-1,3-Dichloropropene	200	0.16 U	163	82	0-227	
Xylenes, Total	400	0.28 U	362	91	80-120	
Trichloroethene	200	0.22 U	181	90	71-157	
Methylcyclohexane	200	0.22 U	170	85	77-150	
1,1,1-Trichloroethane	200	0.28 U	176	88	52-162	
1,2-Dichloropropane	200	0.18 U	185	93	0-210	
Dibromochloromethane	200	0.22 U	143	71	53-149	
1,2-Dibromoethane	200	0.19 U	191	95	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A27639.D

Lab ID: 460-121138-1 MSD Client ID: MW-15 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Ethyl Chloride	200	220	110	25	30	14-230	
Vinyl chloride	200	212	106	23	30	0-251	
Bromomethane	200	210	105	23	30	0-242	
Chloromethane	200	208	104	24	30	0-273	
Acetone	1000	984	98	17	30	48-143	
Carbon disulfide	200	176	88	31	30	51-144	F2
Methylene Chloride	200	230	115	18	30	0-221	
Trichlorofluoromethane	200	204	102	27	30	17-181	
1,1-Dichloroethene	200	210	105	18	30	0-234	
Chloroform	200	236	118	20	30	51-138	
Toluene	200	232	116	23	30	78-120	
Benzene	200	241	120	24	30	37-151	
Freon TF	200	204	102	22	30	48-150	
Styrene	200	220	110	22	30	80-126	
Bromoform	200	154	77	31	30	45-169	F2
Cyclohexane	200	232	116	21	30	59-150	
Carbon tetrachloride	200	205	103	24	30	70-140	
Chlorobenzene	200	227	113	21	30	37-160	
1,1,2,2-Tetrachloroethane	200	250	125	17	30	46-147	
1,2,4-Trichlorobenzene	200	210	105	29	30	64-124	
1,2,3-Trichlorobenzene	200	234	117	42	30	56-136	F2
1,2-Dichlorobenzene	200	235	117	21	30	18-190	
1,3-Dichlorobenzene	200	229	114	18	30	59-156	
1,4-Dichlorobenzene	200	229	114	19	30	18-190	
1,2-Dibromo-3-Chloropropane	200	232	116	26	30	48-129	
1,1,2-Trichloroethane	200	240	120	21	30	52-150	
4-Methyl-2-pentanone	1000	1110	111	21	30	73-124	
p-Dioxane	4000	5470	137	25	30	71-150	
1,2-Dichloroethane	200	241	121	19	30	49-155	
2-Butanone	1000	1040	104	21	30	57-144	
1,1-Dichloroethane	200	243	122	20	30	59-155	
2-Hexanone	1000	1110	111	20	30	60-137	
MTBE	200	229	114	19	30	63-128	
Tetrachloroethene	200	208	104	23	30	78-121	
Isopropylbenzene	200	221	111	22	30	80-120	
Ethylbenzene	200	227	113	22	30	37-162	
Bromodichloromethane	200	204	102	24	30	35-155	
Dichlorodifluoromethane	200	172	86	28	30	50-127	
Methyl acetate	1000	1230	123	17	30	39-150	
trans-1,3-Dichloropropene	200	201	100	22	30	17-183	
trans-1,2-Dichloroethene	200	225	112	19	30	54-156	
cis-1,2-Dichloroethene	200	228	114	20	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A27639.D

Lab ID: 460-121138-1 MSD Client ID: MW-15 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
cis-1,3-Dichloropropene	200	213	106	26	30	0-227	
Xylenes, Total	400	447	112	21	30	80-120	
Trichloroethene	200	222	111	21	30	71-157	
Methylcyclohexane	200	214	107	23	30	77-150	
1,1,1-Trichloroethane	200	216	108	20	30	52-162	
1,2-Dichloropropane	200	226	113	20	30	0-210	
Dibromochloromethane	200	188	94	28	30	53-149	
1,2-Dibromoethane	200	229	114	18	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Lab File ID: A27613.D Lab Sample ID: MB 460-394312/7

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS1 Date Analyzed: 10/02/2016 08:31

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 460-394312/4	A27610.D	10/02/2016 07:26
MW-15 MS	460-121138-1 MS	A27638.D	10/02/2016 17:41
MW-15 MSD	460-121138-1 MSD	A27639.D	10/02/2016 18:02
FB-20160928	460-121138-9	A27642.D	10/02/2016 19:08
Trip Blank	460-121138-11	A27643.D	10/02/2016 19:29
MW-15	460-121138-1	A27646.D	10/02/2016 20:35
MW-10	460-121138-2	A27647.D	10/02/2016 20:56
MW-15D	460-121138-3	A27648.D	10/02/2016 21:18
MW-21	460-121138-4	A27649.D	10/02/2016 21:40
MW-20	460-121138-5	A27650.D	10/02/2016 22:02
MW-6	460-121138-6	A27651.D	10/02/2016 22:24
MW-6 Filtered	460-121138-7	A27652.D	10/02/2016 22:45
MW-3D	460-121138-8	A27653.D	10/02/2016 23:07
DUP-20160928	460-121138-10	A27654.D	10/02/2016 23:28

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Lab File ID: A26265.D BFB Injection Date: 09/08/2016

Instrument ID: CVOAMS1 BFB Injection Time: 01:38

Analysis Batch No.: 389141

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.0	
75	30.0 - 60.0 % of mass 95	51.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	8.1	
173	Less than 2.0 % of mass 174	1.2	(1.6) 1
174	50.0 - 120.00 % of mass 95	75.7	
175	5.0 - 9.0 % of mass 174	5.7	(7.6) 1
176	95.0 - 101.0 % of mass 174	73.0	(96.4) 1
177	5.0 - 9.0 % of mass 176	5.0	(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
	STD7 460-389141/2	A26266.D	09/08/2016	02:02
	STD1 460-389141/3	A26267.D	09/08/2016	02:38
	STD5 460-389141/4	A26268.D	09/08/2016	03:00
	STD20 460-389141/5	A26269.D	09/08/2016	03:21
	STD50 460-389141/6	A26270.D	09/08/2016	03:43
	STD200 460-389141/7	A26271.D	09/08/2016	04:04
	STD500 460-389141/8	A26272.D	09/08/2016	04:26

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Lab File ID: A27607.D BFB Injection Date: 10/02/2016

Instrument ID: CVOAMS1 BFB Injection Time: 06:10

Analysis Batch No.: 394312

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	23.7	
75	30.0 - 60.0 % of mass 95	51.2	
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	0.7	(1.1) 1
174	50.0 - 120.00 % of mass 95	63.5	
175	5.0 - 9.0 % of mass 174	5.2	(8.3) 1
176	95.0 - 101.0 % of mass 174	61.4	(96.7) 1
177	5.0 - 9.0 % of mass 176	4.2	(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 460-394312/3	A27609.D	10/02/2016	07:05
	LCS 460-394312/4	A27610.D	10/02/2016	07:26
	MB 460-394312/7	A27613.D	10/02/2016	08:31
MW-15 MS	460-121138-1 MS	A27638.D	10/02/2016	17:41
MW-15 MSD	460-121138-1 MSD	A27639.D	10/02/2016	18:02
FB-20160928	460-121138-9	A27642.D	10/02/2016	19:08
Trip Blank	460-121138-11	A27643.D	10/02/2016	19:29
MW-15	460-121138-1	A27646.D	10/02/2016	20:35
MW-10	460-121138-2	A27647.D	10/02/2016	20:56
MW-15D	460-121138-3	A27648.D	10/02/2016	21:18
MW-21	460-121138-4	A27649.D	10/02/2016	21:40
MW-20	460-121138-5	A27650.D	10/02/2016	22:02
MW-6	460-121138-6	A27651.D	10/02/2016	22:24
MW-6 Filtered	460-121138-7	A27652.D	10/02/2016	22:45
MW-3D	460-121138-8	A27653.D	10/02/2016	23:07
DUP-20160928	460-121138-10	A27654.D	10/02/2016	23:28

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Sample No.: CCVIS 460-394312/3 Date Analyzed: 10/02/2016 07:05

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): A27609.D Heated Purge: (Y/N) N

Calibration ID: 57699

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		274851	3.45	356153	4.43	515999	5.30
UPPER LIMIT		549702	3.95	712306	4.93	1031998	5.80
LOWER LIMIT		137426	2.95	178077	3.93	258000	4.80
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-394312/4		263114	3.46	327815	4.43	485120	5.31
MB 460-394312/7		258839	3.47	314479	4.44	478468	5.31
460-121138-1 MS	MW-15 MS	262665	3.47	340124	4.44	495061	5.31
460-121138-1 MSD	MW-15 MSD	261990	3.47	331006	4.44	497721	5.32
460-121138-9	FB-20160928	256149	3.46	310280	4.44	461262	5.31
460-121138-11	Trip Blank	248569	3.47	308333	4.43	460620	5.31
460-121138-1	MW-15	245843	3.47	311076	4.44	459975	5.31
460-121138-2	MW-10	259162	3.47	316673	4.44	466312	5.31
460-121138-3	MW-15D	254687	3.47	311152	4.43	453538	5.31
460-121138-4	MW-21	252815	3.46	308296	4.43	446363	5.31
460-121138-5	MW-20	250043	3.46	310229	4.44	451545	5.31
460-121138-6	MW-6	243952	3.46	308677	4.43	443685	5.31
460-121138-7	MW-6 Filtered	245942	3.46	308642	4.43	441634	5.31
460-121138-8	MW-3D	245949	3.47	302429	4.44	448968	5.31
460-121138-10	DUP-20160928	238876	3.47	296121	4.44	442974	5.31

TBAd9 = 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 624

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Sample No.: CCVIS 460-394312/3 Date Analyzed: 10/02/2016 07:05

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): A27609.D Heated Purge: (Y/N) N

Calibration ID: 57699

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		25501	5.85	312941	7.78	180259	9.18
UPPER LIMIT		51002	6.35	625882	8.28	360518	9.68
LOWER LIMIT		12751	5.35	156471	7.28	90130	8.68
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-394312/4		23135	5.85	300248	7.78	172657	9.18
MB 460-394312/7		21376	5.85	282085	7.78	155385	9.18
460-121138-1 MS	MW-15 MS	23021	5.85	310953	7.78	169744	9.19
460-121138-1 MSD	MW-15 MSD	22895	5.85	302329	7.78	167903	9.19
460-121138-9	FB-20160928	19937	5.86	275831	7.78	149909	9.20
460-121138-11	Trip Blank	20515	5.86	276081	7.78	152419	9.19
460-121138-1	MW-15	19957	5.85	279644	7.78	149921	9.19
460-121138-2	MW-10	21642	5.85	280144	7.78	150074	9.19
460-121138-3	MW-15D	20379	5.85	274287	7.78	149486	9.18
460-121138-4	MW-21	20278	5.85	272230	7.78	148189	9.18
460-121138-5	MW-20	20418	5.85	274625	7.78	148295	9.18
460-121138-6	MW-6	19690	5.85	275285	7.78	149660	9.18
460-121138-7	MW-6 Filtered	20312	5.85	271604	7.78	147293	9.18
460-121138-8	MW-3D	19258	5.85	273929	7.78	148614	9.18
460-121138-10	DUP-20160928	19927	5.85	265600	7.78	144372	9.17

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 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 624

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-15 | Lab Sample ID: 460-121138-1

Matrix: Water | Lab File ID: A27646.D

Analysis Method: 624 | Date Collected: 09/28/2016 10:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 20:35

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U F2	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.22	U	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U F2	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	0.27	U	1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	0.35	U F2	1.0	0.35
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
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-15 | Lab Sample ID: 460-121138-1

Matrix: Water | Lab File ID: A27646.D

Analysis Method: 624 | Date Collected: 09/28/2016 10:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 20:35

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
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
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		48-130
2037-26-5	Toluene-d8 (Surr)	104		80-120
460-00-4	Bromofluorobenzene	92		71-131
1868-53-7	Dibromofluoromethane (Surr)	102		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-15 Lab Sample ID: 460-121138-1

Matrix: Water Lab File ID: A27646.D

Analysis Method: 624 Date Collected: 09/28/2016 10:00

Sample wt/vol: 5(mL) Date Analyzed: 10/02/2016 20:35

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.: 394312 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27646.D
Lims ID: 460-121138-A-1
Client ID: MW-15
Sample Type: Client
Inject. Date: 02-Oct-2016 20:35:30 ALS Bottle#: 33 Worklist Smp#: 40
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121138-A-1
Misc. Info.: 460-0046300-040
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 03-Oct-2016 07:14:44 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: moroneyc Date: 03-Oct-2016 07:07:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.474	3.450	0.024	100	245843	1000.0	
* 39 2-Butanone-d5	46	4.437	4.425	0.012	99	311076	250.0	
$ 53 Dibromofluoromethane (Surr	113	4.828	4.815	0.013	94	124023	51.0	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.096	0.006	98	164779	55.9	
* 64 Fluorobenzene	96	5.309	5.303	0.006	97	459975	50.0	
* 70 1,4-Dioxane-d8	96	5.852	5.846	0.006	94	19957	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.663	6.662	0.001	98	415106	52.0	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	91	279644	50.0	
$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	82	102318	45.8	
* 119 1,4-Dichlorobenzene-d4	152	9.187	9.180	0.007	98	149921	50.0	

Reagents:

8260ISNEW_00085 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00140 Amount Added: 1.00 Units: uL Run Reagent

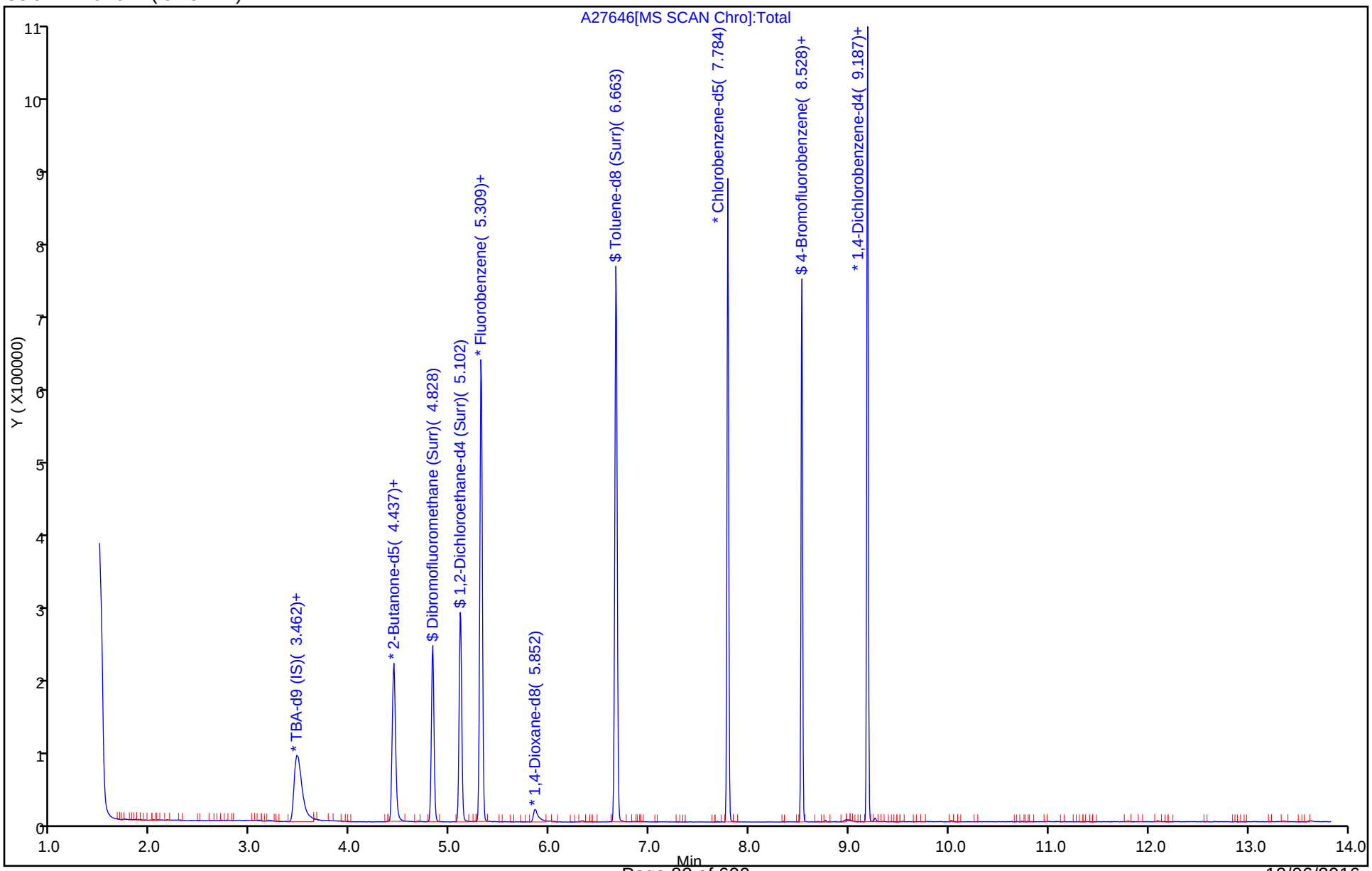
Report Date: 03-Oct-2016 07:16:25 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27646.D

Injection Date:	02-Oct-2016 20:35:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-121138-A-1	Lab Sample ID:	460-121138-1	Worklist Smp#:	40
Client ID:	MW-15				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	33
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-10 | Lab Sample ID: 460-121138-2

Matrix: Water | Lab File ID: A27647.D

Analysis Method: 624 | Date Collected: 09/28/2016 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 20:56

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.25	J	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
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
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
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-10 | Lab Sample ID: 460-121138-2

Matrix: Water | Lab File ID: A27647.D

Analysis Method: 624 | Date Collected: 09/28/2016 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 20:56

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
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
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		48-130
2037-26-5	Toluene-d8 (Surr)	103		80-120
460-00-4	Bromofluorobenzene	90		71-131
1868-53-7	Dibromofluoromethane (Surr)	100		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-10 | Lab Sample ID: 460-121138-2

Matrix: Water | Lab File ID: A27647.D

Analysis Method: 624 | Date Collected: 09/28/2016 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 20:56

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.: 394312 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27647.D
Lims ID: 460-121138-A-2
Client ID: MW-10
Sample Type: Client
Inject. Date: 02-Oct-2016 20:56:30 ALS Bottle#: 34 Worklist Smp#: 41
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121138-A-2
Misc. Info.: 460-0046300-041
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 03-Oct-2016 07:14:44 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: moroneyc Date: 03-Oct-2016 07:08:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.468	3.450	0.018	100	259162	1000.0	
* 39 2-Butanone-d5	46	4.437	4.425	0.012	99	316673	250.0	
49 Chloroform	83	4.693	4.687	0.006	91	1194	0.2463	
$ 53 Dibromofluoromethane (Surr	113	4.828	4.815	0.013	94	122774	49.8	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.108	5.096	0.012	99	165500	55.3	
* 64 Fluorobenzene	96	5.309	5.303	0.006	97	466312	50.0	
* 70 1,4-Dioxane-d8	96	5.852	5.846	0.006	95	21642	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.663	6.662	0.001	98	412226	51.5	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	92	280144	50.0	
$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	80	100831	45.0	
* 119 1,4-Dichlorobenzene-d4	152	9.187	9.180	0.006	98	150074	50.0	

Reagents:

8260ISNEW_00085 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00140 Amount Added: 1.00 Units: uL Run Reagent

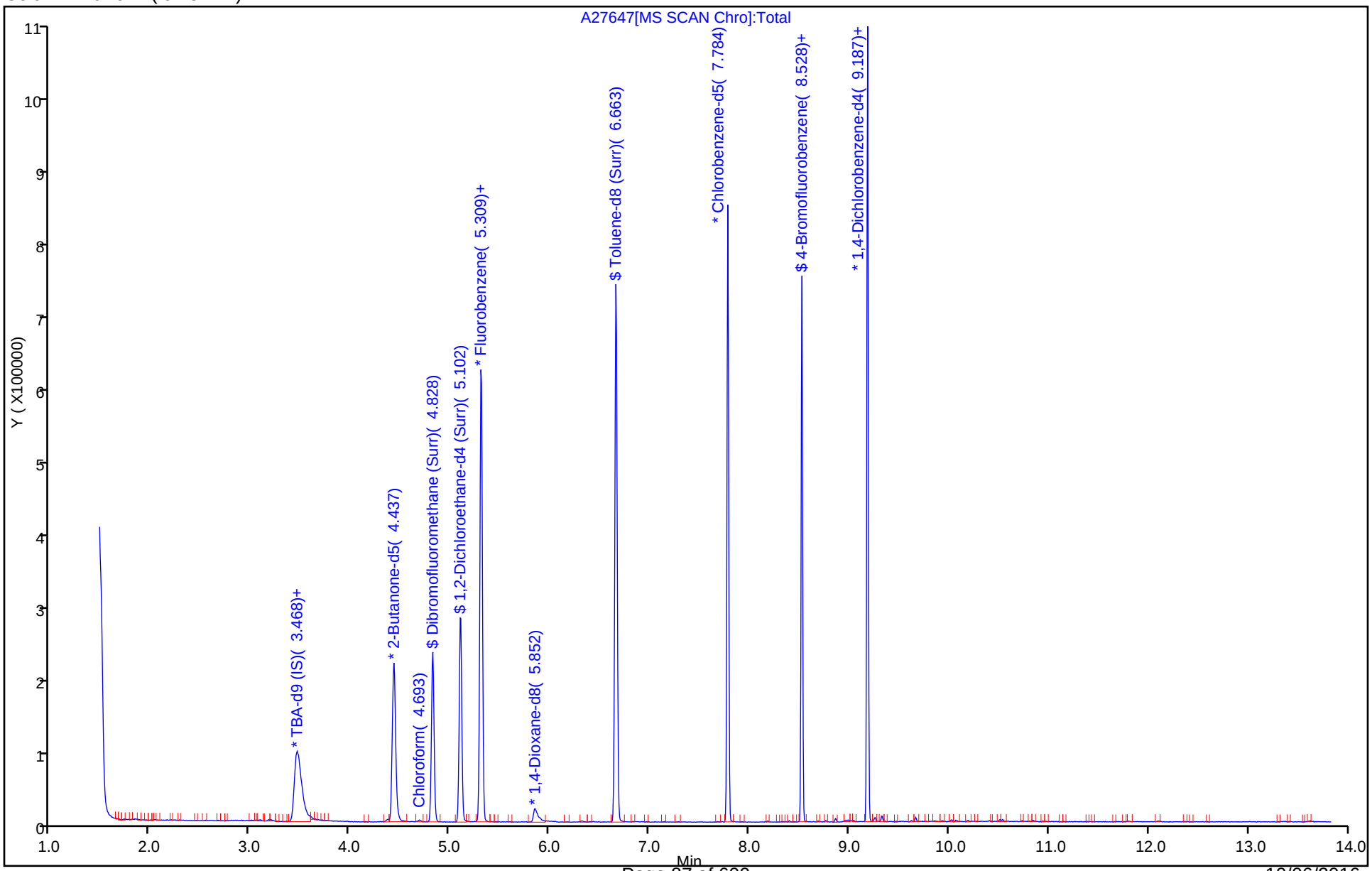
Report Date: 03-Oct-2016 07:16:28 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27647.D

Injection Date:	02-Oct-2016 20:56:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-121138-A-2	Lab Sample ID:	460-121138-2	Worklist Smp#:	41
Client ID:	MW-10				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	34
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

Column: Rtx-624 (0.25 mm)

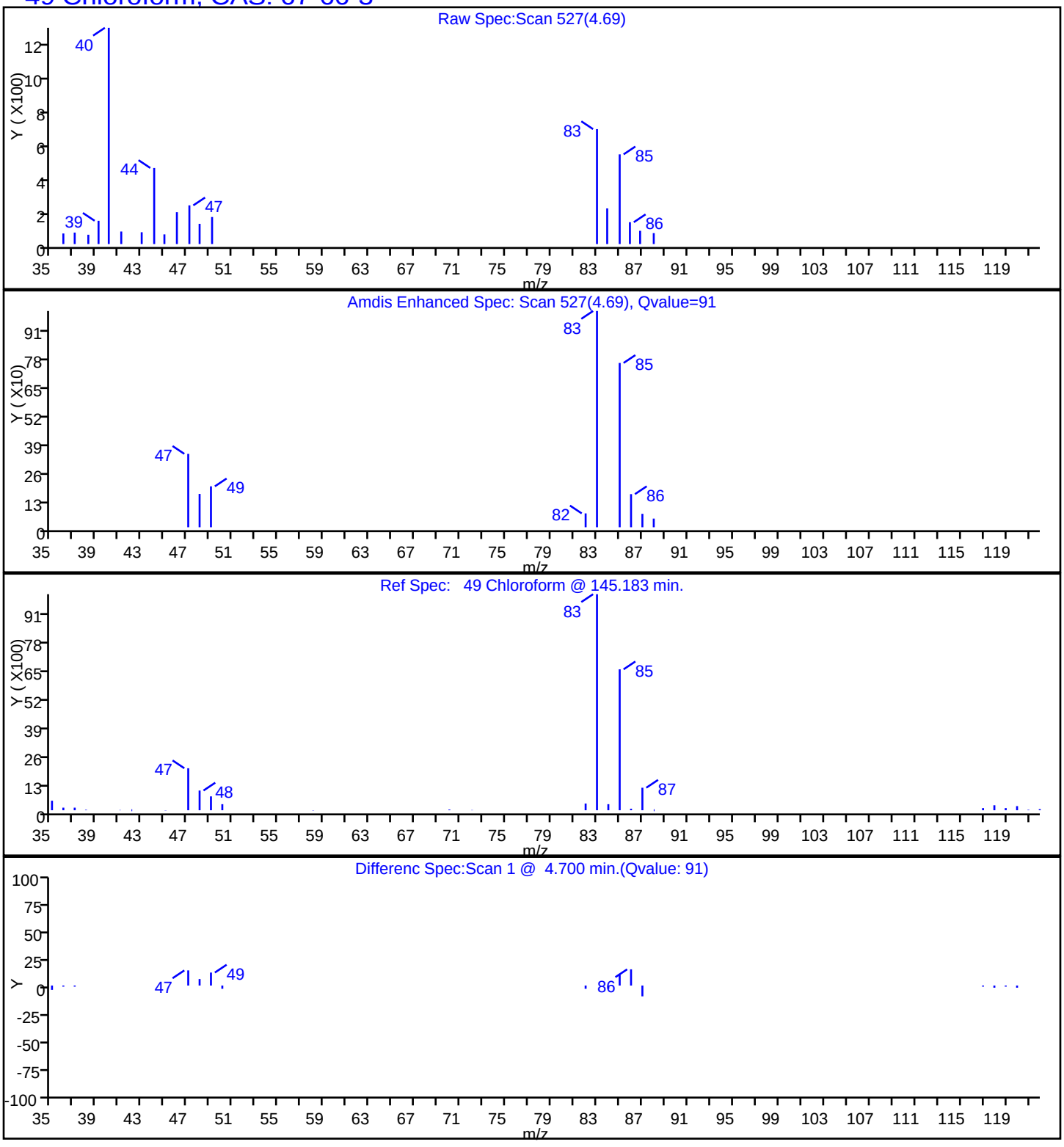


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27647.D

Injection Date:	02-Oct-2016 20:56:30	Instrument ID:	CVOAMS1		
Lims ID:	460-121138-A-2	Lab Sample ID:	460-121138-2		
Client ID:	MW-10				
Operator ID:	VOA GC/MS1	ALS Bottle#:	34	Worklist Smp#:	41
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

49 Chloroform, CAS: 67-66-3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-15D | Lab Sample ID: 460-121138-3

Matrix: Water | Lab File ID: A27648.D

Analysis Method: 624 | Date Collected: 09/28/2016 11:30

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 21:18

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.53	J	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
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
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
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.31	J	1.0	0.13
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-15D | Lab Sample ID: 460-121138-3

Matrix: Water | Lab File ID: A27648.D

Analysis Method: 624 | Date Collected: 09/28/2016 11:30

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 21:18

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
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
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		48-130
2037-26-5	Toluene-d8 (Surr)	103		80-120
460-00-4	Bromofluorobenzene	90		71-131
1868-53-7	Dibromofluoromethane (Surr)	101		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-15D | Lab Sample ID: 460-121138-3

Matrix: Water | Lab File ID: A27648.D

Analysis Method: 624 | Date Collected: 09/28/2016 11:30

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 21:18

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.: 394312 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27648.D
Lims ID: 460-121138-A-3
Client ID: MW-15D
Sample Type: Client
Inject. Date: 02-Oct-2016 21:18:30 ALS Bottle#: 35 Worklist Smp#: 42
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121138-A-3
Misc. Info.: 460-0046300-042
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 03-Oct-2016 07:14:44 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: moroneyc Date: 03-Oct-2016 07:08:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.468	3.450	0.018	100	254687	1000.0	
30 Methyl tert-butyl ether	73	3.627	3.620	0.007	91	2538	0.3076	
* 39 2-Butanone-d5	46	4.431	4.425	0.006	99	311152	250.0	
49 Chloroform	83	4.699	4.687	0.012	95	2495	0.5291	
$ 53 Dibromofluoromethane (Surr	113	4.821	4.815	0.006	95	121611	50.7	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.096	0.006	98	162011	55.7	
* 64 Fluorobenzene	96	5.309	5.303	0.006	97	453538	50.0	
* 70 1,4-Dioxane-d8	96	5.852	5.846	0.006	94	20379	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.663	6.662	0.001	98	404564	51.7	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	92	274287	50.0	
$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	82	98895	45.1	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	97	149486	50.0	

Reagents:

8260ISNEW_00085 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00140 Amount Added: 1.00 Units: uL Run Reagent

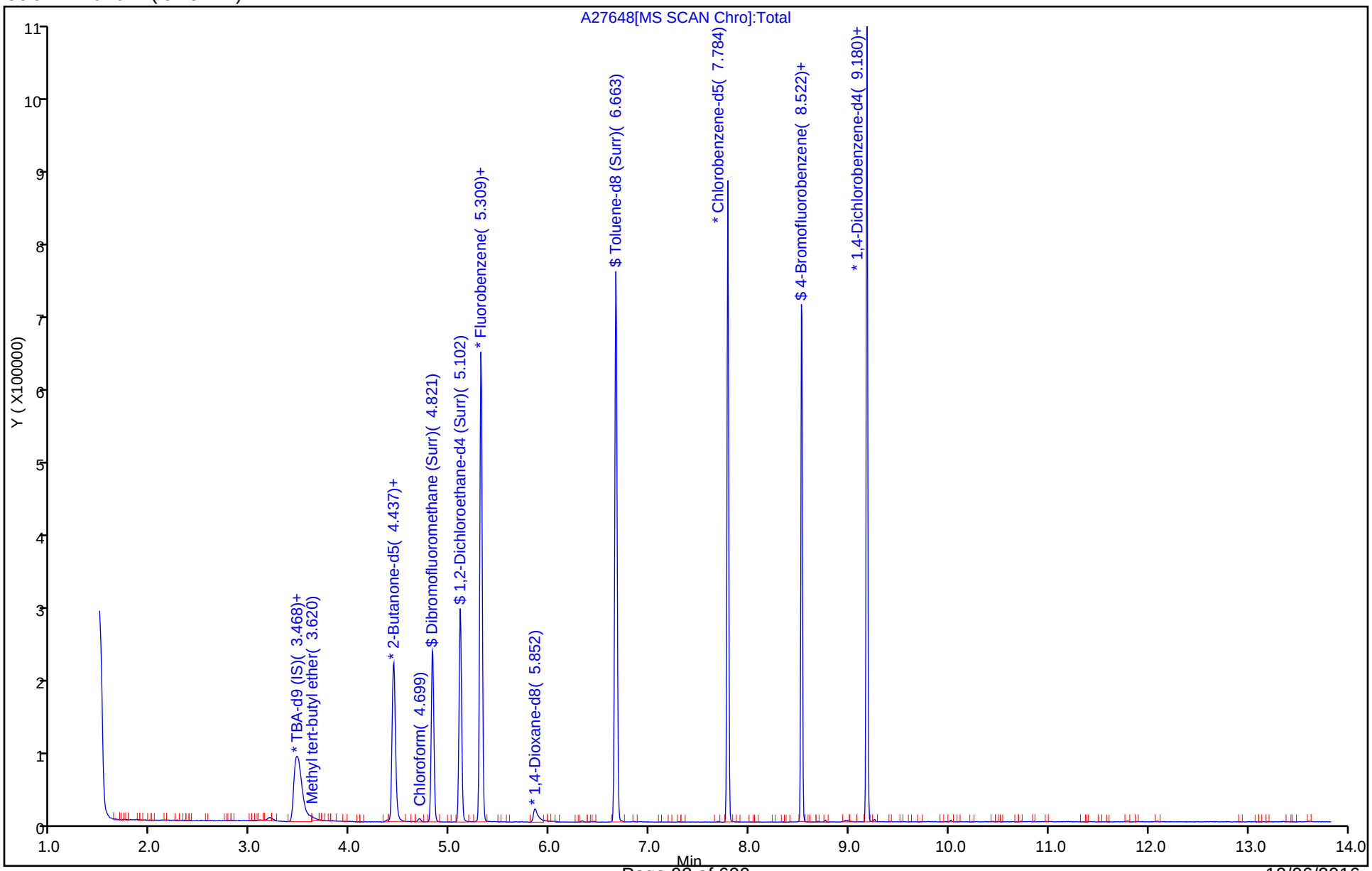
Report Date: 03-Oct-2016 07:16:31 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27648.D

Injection Date:	02-Oct-2016 21:18:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-121138-A-3	Lab Sample ID:	460-121138-3	Worklist Smp#:	42
Client ID:	MW-15D				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	35
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

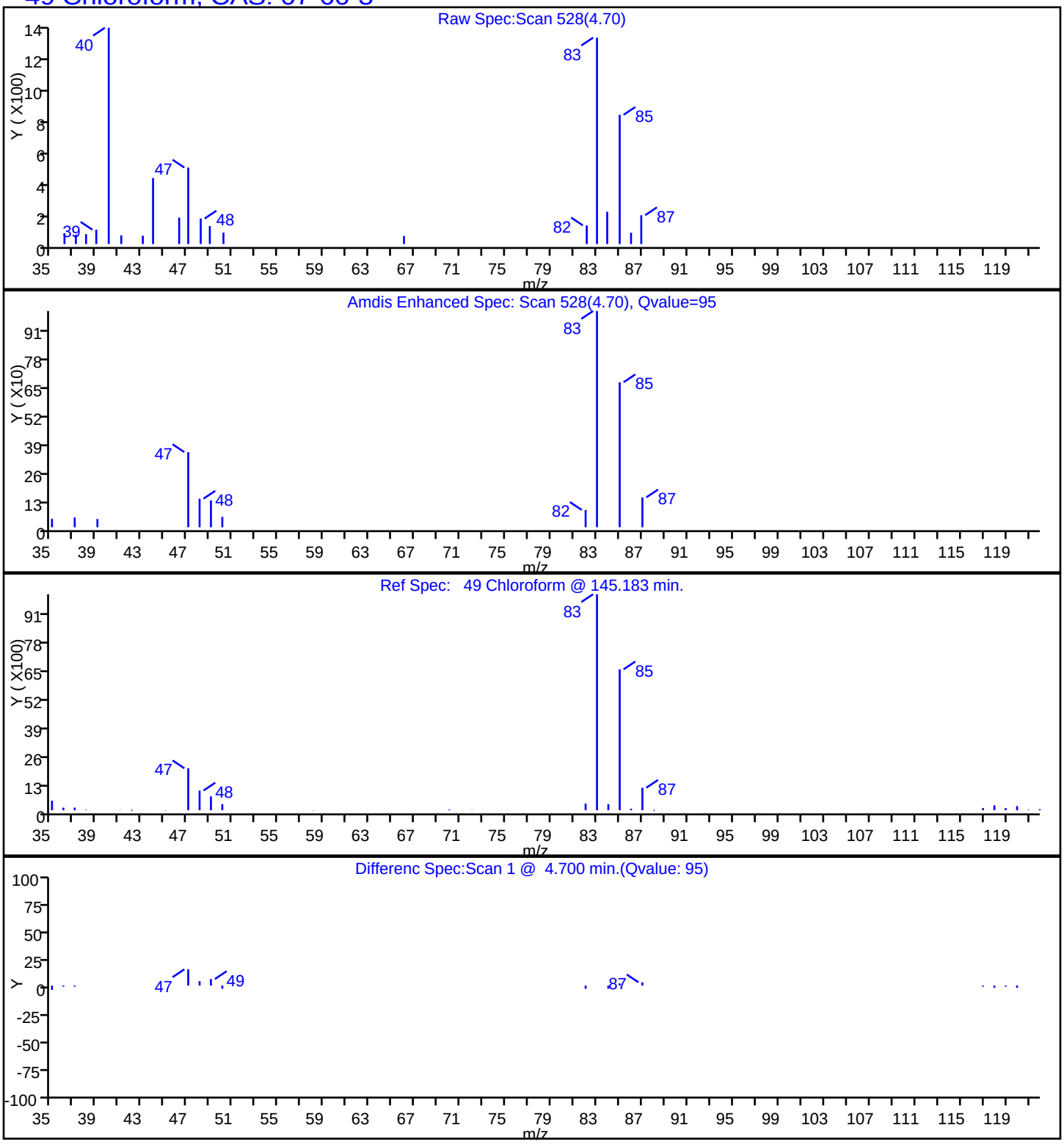
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27648.D				
Injection Date:	02-Oct-2016 21:18:30	Instrument ID:	CVOAMS1		
Lims ID:	460-121138-A-3	Lab Sample ID:	460-121138-3		
Client ID:	MW-15D				
Operator ID:	VOA GC/MS1	ALS Bottle#:	35	Worklist Smp#:	42
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

49 Chloroform, CAS: 67-66-3



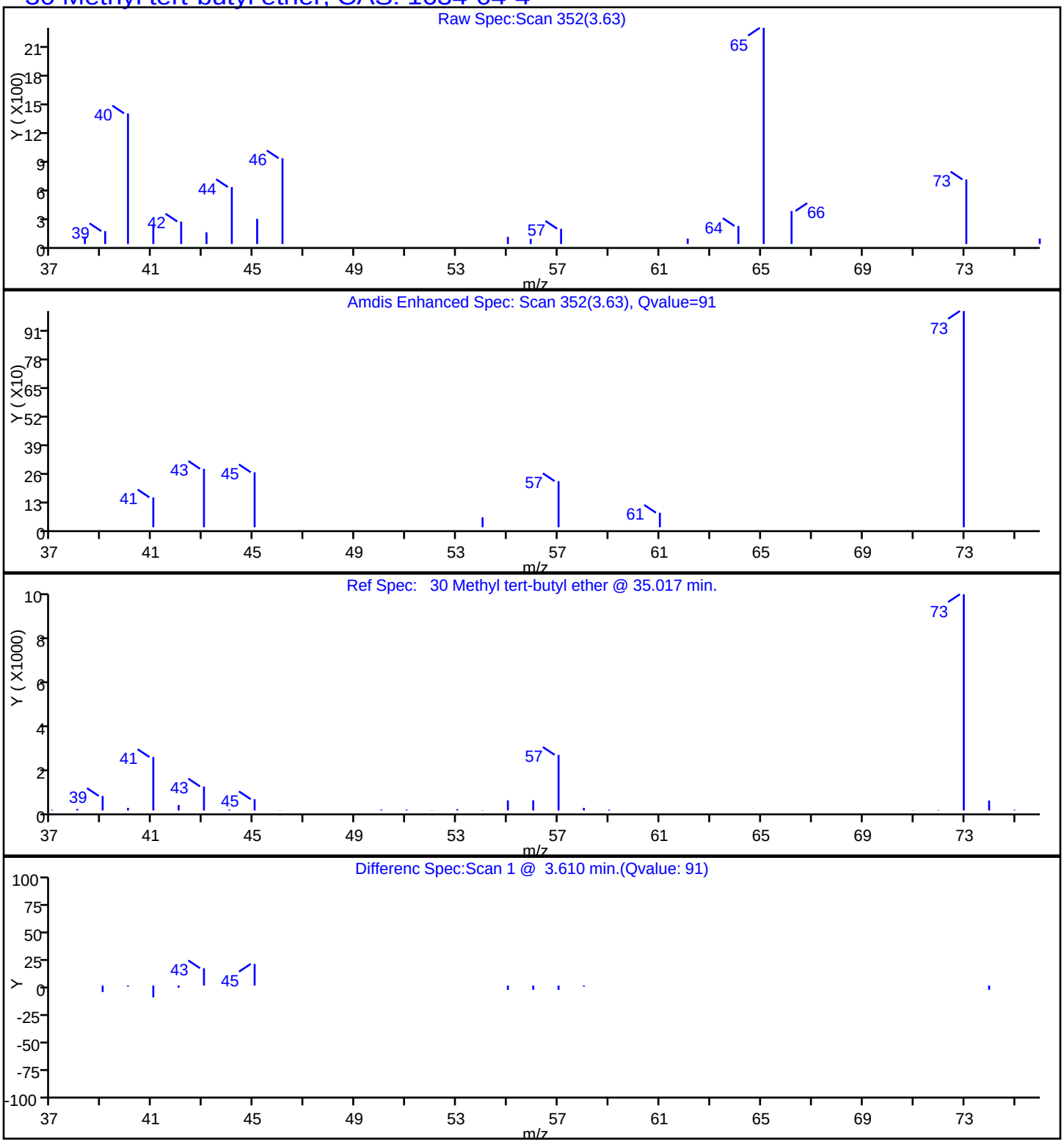
Report Date: 03-Oct-2016 07:16:31 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27648.D

Injection Date:	02-Oct-2016 21:18:30	Instrument ID:	CVOAMS1		
Lims ID:	460-121138-A-3	Lab Sample ID:	460-121138-3		
Client ID:	MW-15D				
Operator ID:	VOA GC/MS1	ALS Bottle#:	35	Worklist Smp#:	42
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

30 Methyl tert-butyl ether, CAS: 1634-04-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-21 | Lab Sample ID: 460-121138-4

Matrix: Water | Lab File ID: A27649.D

Analysis Method: 624 | Date Collected: 09/28/2016 13:40

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 21:40

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.22	U	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
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
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
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-21 | Lab Sample ID: 460-121138-4

Matrix: Water | Lab File ID: A27649.D

Analysis Method: 624 | Date Collected: 09/28/2016 13:40

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 21:40

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
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
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		48-130
2037-26-5	Toluene-d8 (Surr)	104		80-120
460-00-4	Bromofluorobenzene	91		71-131
1868-53-7	Dibromofluoromethane (Surr)	100		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-21 | Lab Sample ID: 460-121138-4

Matrix: Water | Lab File ID: A27649.D

Analysis Method: 624 | Date Collected: 09/28/2016 13:40

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 21:40

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.: 394312 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27649.D				
Lims ID:	460-121138-A-4				
Client ID:	MW-21				
Sample Type:	Client				
Inject. Date:	02-Oct-2016 21:40:30	ALS Bottle#:	36	Worklist Smp#:	43
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-121138-A-4				
Misc. Info.:	460-0046300-043				
Operator ID:	VOA GC/MS1	Instrument ID:	CVOAMS1		
Method:	\\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\8260624W_1.m				
Limit Group:	VOA 624 ICAL				
Last Update:	03-Oct-2016 07:14:44	Calib Date:	08-Sep-2016 04:26:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK035				
First Level Reviewer: moroneyc		Date:	03-Oct-2016 07:08:52		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.456	3.450	0.006	100	252815	1000.0	
* 39 2-Butanone-d5	46	4.431	4.425	0.006	99	308296	250.0	
$ 53 Dibromofluoromethane (Surr	113	4.822	4.815	0.007	94	118524	50.2	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.096	0.006	99	158986	55.5	
* 64 Fluorobenzene	96	5.309	5.303	0.006	97	446363	50.0	
* 70 1,4-Dioxane-d8	96	5.846	5.846	0.000	96	20278	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.663	6.662	0.001	98	405314	52.1	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	92	272230	50.0	
$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	84	98914	45.5	
* 119 1,4-Dichlorobenzene-d4	152	9.181	9.180	0.000	98	148189	50.0	

Reagents:

8260ISNEW_00085	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00140	Amount Added:	1.00	Units: uL	Run Reagent

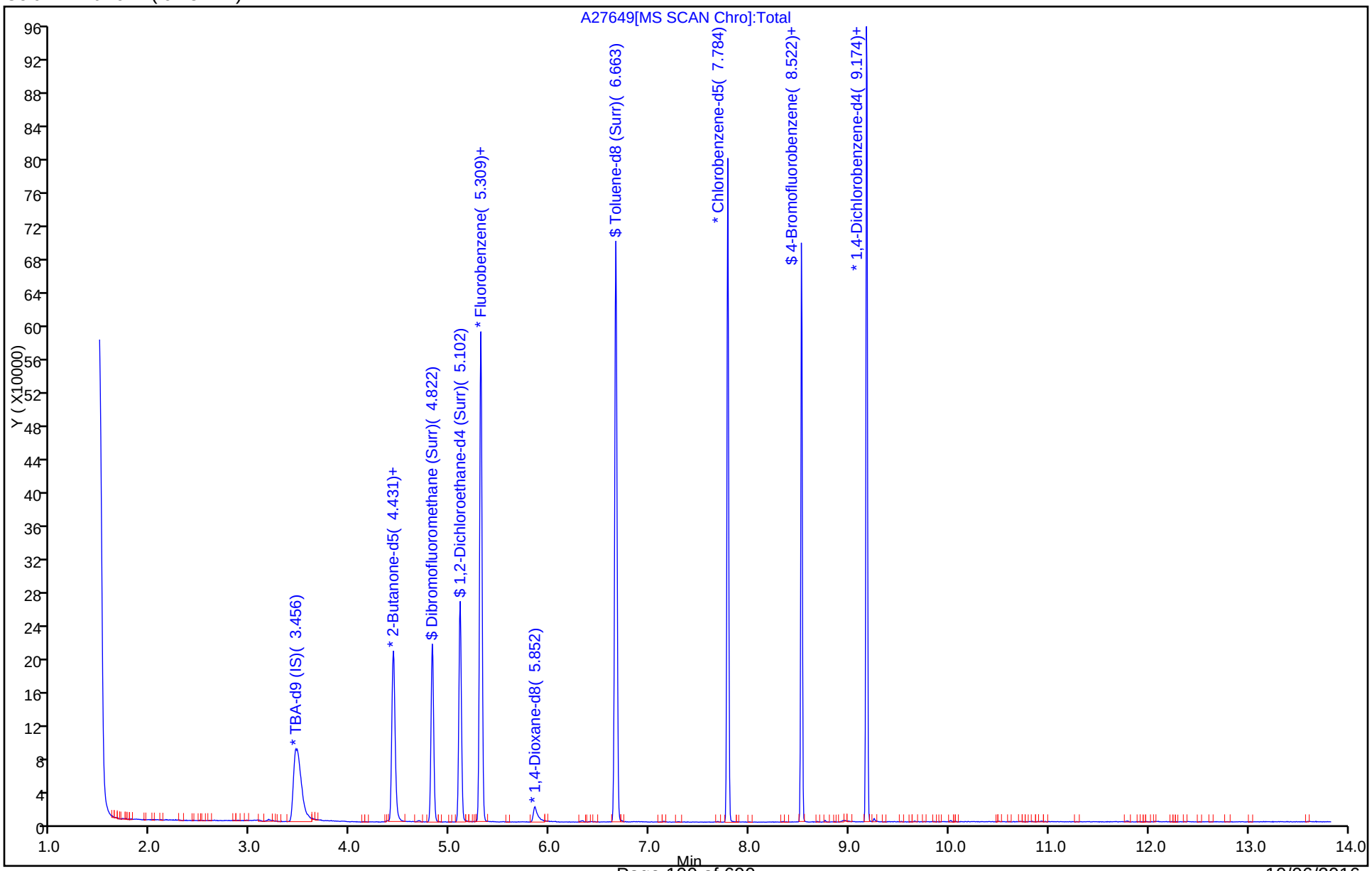
Report Date: 03-Oct-2016 07:16:34 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27649.D

Injection Date:	02-Oct-2016 21:40:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-121138-A-4	Lab Sample ID:	460-121138-4	Worklist Smp#:	43
Client ID:	MW-21				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	36
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-20 | Lab Sample ID: 460-121138-5

Matrix: Water | Lab File ID: A27650.D

Analysis Method: 624 | Date Collected: 09/28/2016 13:45

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 22:02

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	1.0		1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
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
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
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-20 | Lab Sample ID: 460-121138-5

Matrix: Water | Lab File ID: A27650.D

Analysis Method: 624 | Date Collected: 09/28/2016 13:45

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 22:02

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
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
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		48-130
2037-26-5	Toluene-d8 (Surr)	100		80-120
460-00-4	Bromofluorobenzene	91		71-131
1868-53-7	Dibromofluoromethane (Surr)	101		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-20 | Lab Sample ID: 460-121138-5

Matrix: Water | Lab File ID: A27650.D

Analysis Method: 624 | Date Collected: 09/28/2016 13:45

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 22:02

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.: 394312 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27650.D
Lims ID: 460-121138-A-5
Client ID: MW-20
Sample Type: Client
Inject. Date: 02-Oct-2016 22:02:30 ALS Bottle#: 37 Worklist Smp#: 44
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121138-A-5
Misc. Info.: 460-0046300-044
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 03-Oct-2016 07:14:44 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: moroneyc Date: 03-Oct-2016 07:09:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.462	3.450	0.012	100	250043	1000.0	
* 39 2-Butanone-d5	46	4.437	4.425	0.012	99	310229	250.0	
49 Chloroform	83	4.700	4.687	0.013	95	4747	1.01	
$ 53 Dibromofluoromethane (Surr	113	4.828	4.815	0.013	94	120949	50.7	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.096	0.006	98	162037	56.0	
* 64 Fluorobenzene	96	5.309	5.303	0.006	97	451545	50.0	
* 70 1,4-Dioxane-d8	96	5.852	5.846	0.006	92	20418	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.663	6.662	0.001	98	392002	50.0	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	92	274625	50.0	
$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	83	99307	45.3	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	98	148295	50.0	

Reagents:

8260ISNEW_00085 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00140 Amount Added: 1.00 Units: uL Run Reagent

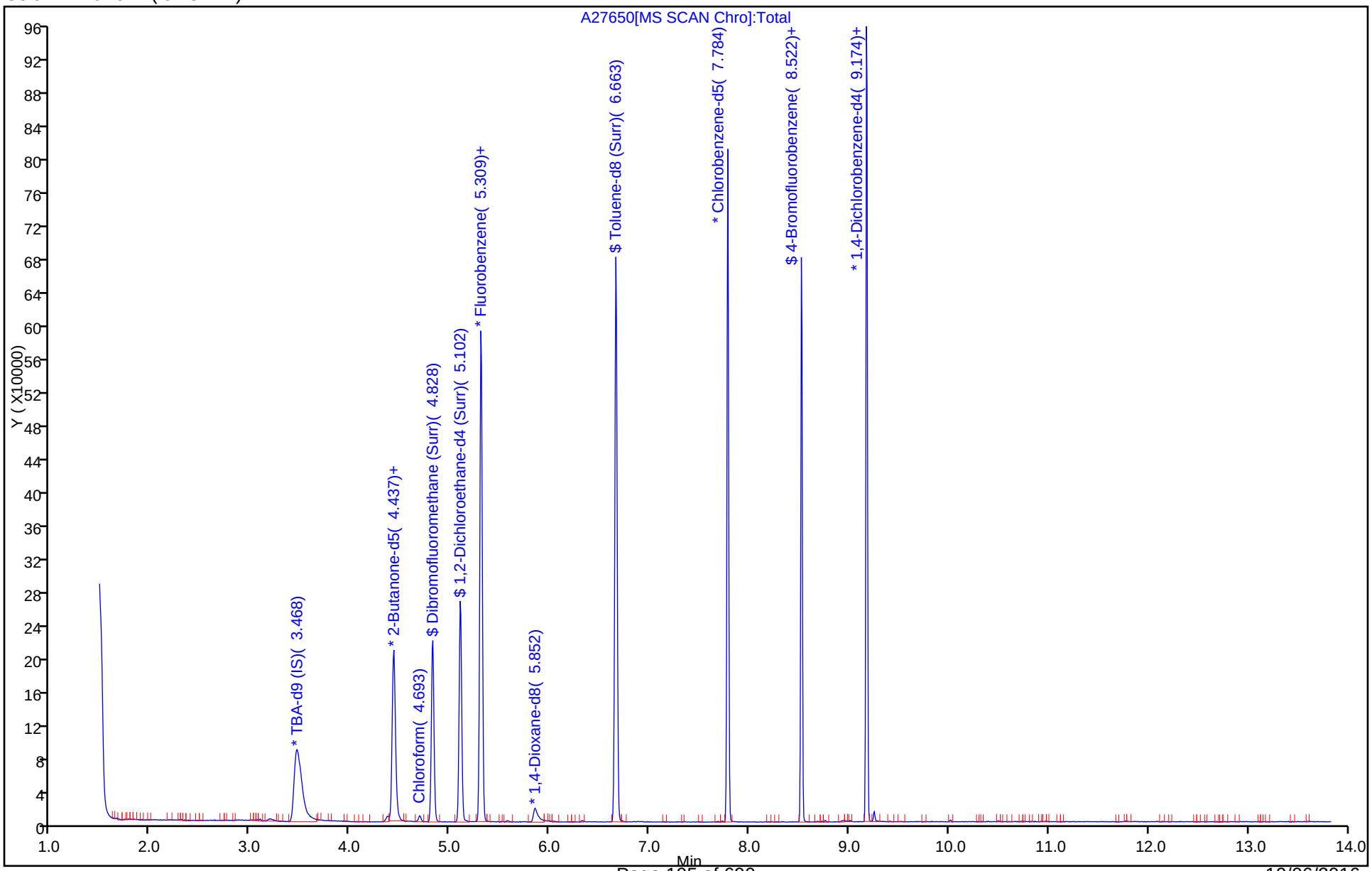
Report Date: 03-Oct-2016 07:16:38 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27650.D

Injection Date:	02-Oct-2016 22:02:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-121138-A-5	Lab Sample ID:	460-121138-5	Worklist Smp#:	44
Client ID:	MW-20				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	37
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

Column: Rtx-624 (0.25 mm)

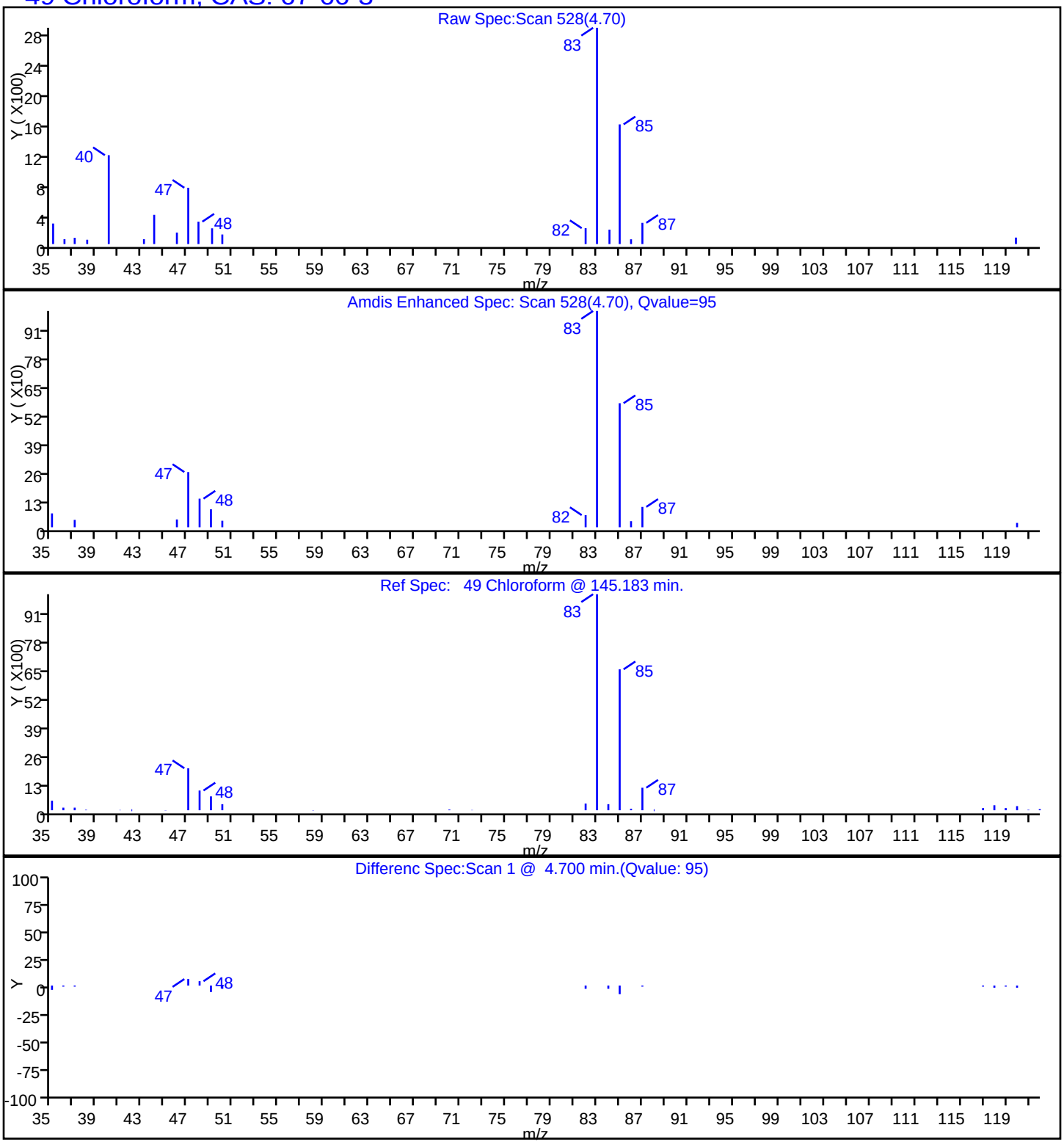


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27650.D

Injection Date:	02-Oct-2016 22:02:30	Instrument ID:	CVOAMS1		
Lims ID:	460-121138-A-5	Lab Sample ID:	460-121138-5		
Client ID:	MW-20				
Operator ID:	VOA GC/MS1	ALS Bottle#:	37	Worklist Smp#:	44
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

49 Chloroform, CAS: 67-66-3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-6 | Lab Sample ID: 460-121138-6

Matrix: Water | Lab File ID: A27651.D

Analysis Method: 624 | Date Collected: 09/28/2016 15:15

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 22:24

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.22	U	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
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
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
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-6 | Lab Sample ID: 460-121138-6

Matrix: Water | Lab File ID: A27651.D

Analysis Method: 624 | Date Collected: 09/28/2016 15:15

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 22:24

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
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
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		48-130
2037-26-5	Toluene-d8 (Surr)	102		80-120
460-00-4	Bromofluorobenzene	90		71-131
1868-53-7	Dibromofluoromethane (Surr)	101		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-6 | Lab Sample ID: 460-121138-6

Matrix: Water | Lab File ID: A27651.D

Analysis Method: 624 | Date Collected: 09/28/2016 15:15

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 22:24

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.: 394312 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27651.D
Lims ID: 460-121138-A-6
Client ID: MW-6
Sample Type: Client
Inject. Date: 02-Oct-2016 22:24:30 ALS Bottle#: 38 Worklist Smp#: 45
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121138-A-6
Misc. Info.: 460-0046300-045
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 03-Oct-2016 07:14:44 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: moroneyc Date: 03-Oct-2016 07:09:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.462	3.450	0.012	100	243952	1000.0	
* 39 2-Butanone-d5	46	4.431	4.425	0.006	99	308677	250.0	
$ 53 Dibromofluoromethane (Surr	113	4.821	4.815	0.006	95	118971	50.7	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.096	0.006	99	160395	56.4	
* 64 Fluorobenzene	96	5.309	5.303	0.006	97	443685	50.0	
* 70 1,4-Dioxane-d8	96	5.852	5.846	0.006	95	19690	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.662	6.662	0.000	98	400450	51.0	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	91	275285	50.0	
$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	84	98947	45.0	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	98	149660	50.0	

Reagents:

8260ISNEW_00085 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00140 Amount Added: 1.00 Units: uL Run Reagent

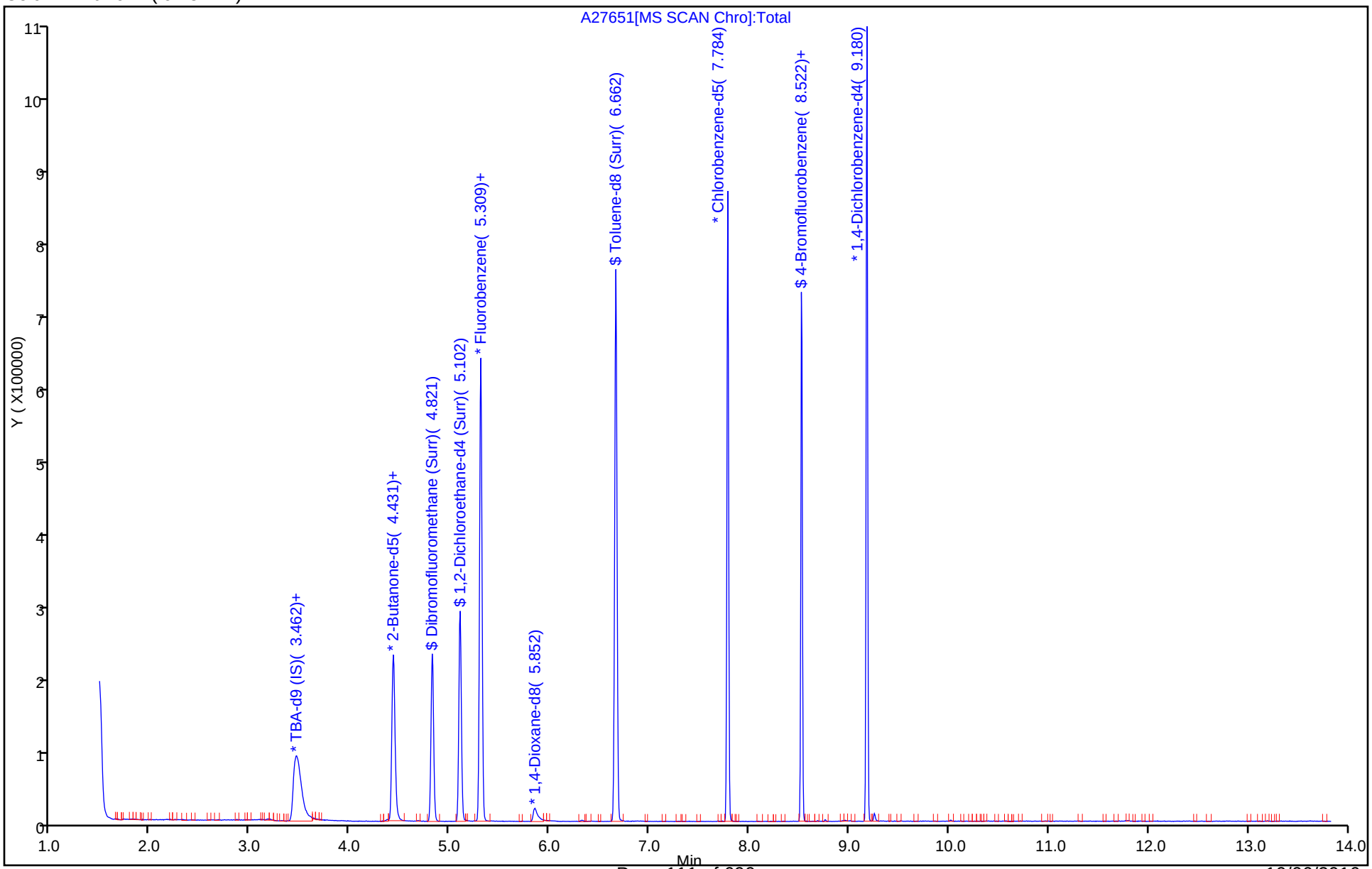
Report Date: 03-Oct-2016 07:16:42 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27651.D

Injection Date:	02-Oct-2016 22:24:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-121138-A-6	Lab Sample ID:	460-121138-6	Worklist Smp#:	45
Client ID:	MW-6				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	38
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-6 Filtered | Lab Sample ID: 460-121138-7

Matrix: Water | Lab File ID: A27652.D

Analysis Method: 624 | Date Collected: 09/28/2016 15:25

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 22:45

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.22	U	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
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
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
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-6 Filtered | Lab Sample ID: 460-121138-7

Matrix: Water | Lab File ID: A27652.D

Analysis Method: 624 | Date Collected: 09/28/2016 15:25

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 22:45

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
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
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		48-130
2037-26-5	Toluene-d8 (Surr)	102		80-120
460-00-4	Bromofluorobenzene	92		71-131
1868-53-7	Dibromofluoromethane (Surr)	101		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-6 Filtered | Lab Sample ID: 460-121138-7

Matrix: Water | Lab File ID: A27652.D

Analysis Method: 624 | Date Collected: 09/28/2016 15:25

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 22:45

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.: 394312 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27652.D
Lims ID: 460-121138-A-7
Client ID: MW-6 Filtered
Sample Type: Client
Inject. Date: 02-Oct-2016 22:45:30 ALS Bottle#: 39 Worklist Smp#: 46
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121138-A-7
Misc. Info.: 460-0046300-046
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 03-Oct-2016 07:14:44 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: moroneyc Date: 03-Oct-2016 07:09:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.456	3.450	0.006	100	245942	1000.0	
* 39 2-Butanone-d5	46	4.431	4.425	0.006	99	308642	250.0	
$ 53 Dibromofluoromethane (Surr	113	4.821	4.815	0.006	94	117633	50.4	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.096	0.006	99	158462	56.0	
* 64 Fluorobenzene	96	5.309	5.303	0.006	97	441634	50.0	
* 70 1,4-Dioxane-d8	96	5.846	5.846	0.000	95	20312	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.663	6.662	0.001	98	394936	50.9	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	92	271604	50.0	
$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	83	99454	45.8	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	98	147293	50.0	

Reagents:

8260ISNEW_00085 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00140 Amount Added: 1.00 Units: uL Run Reagent

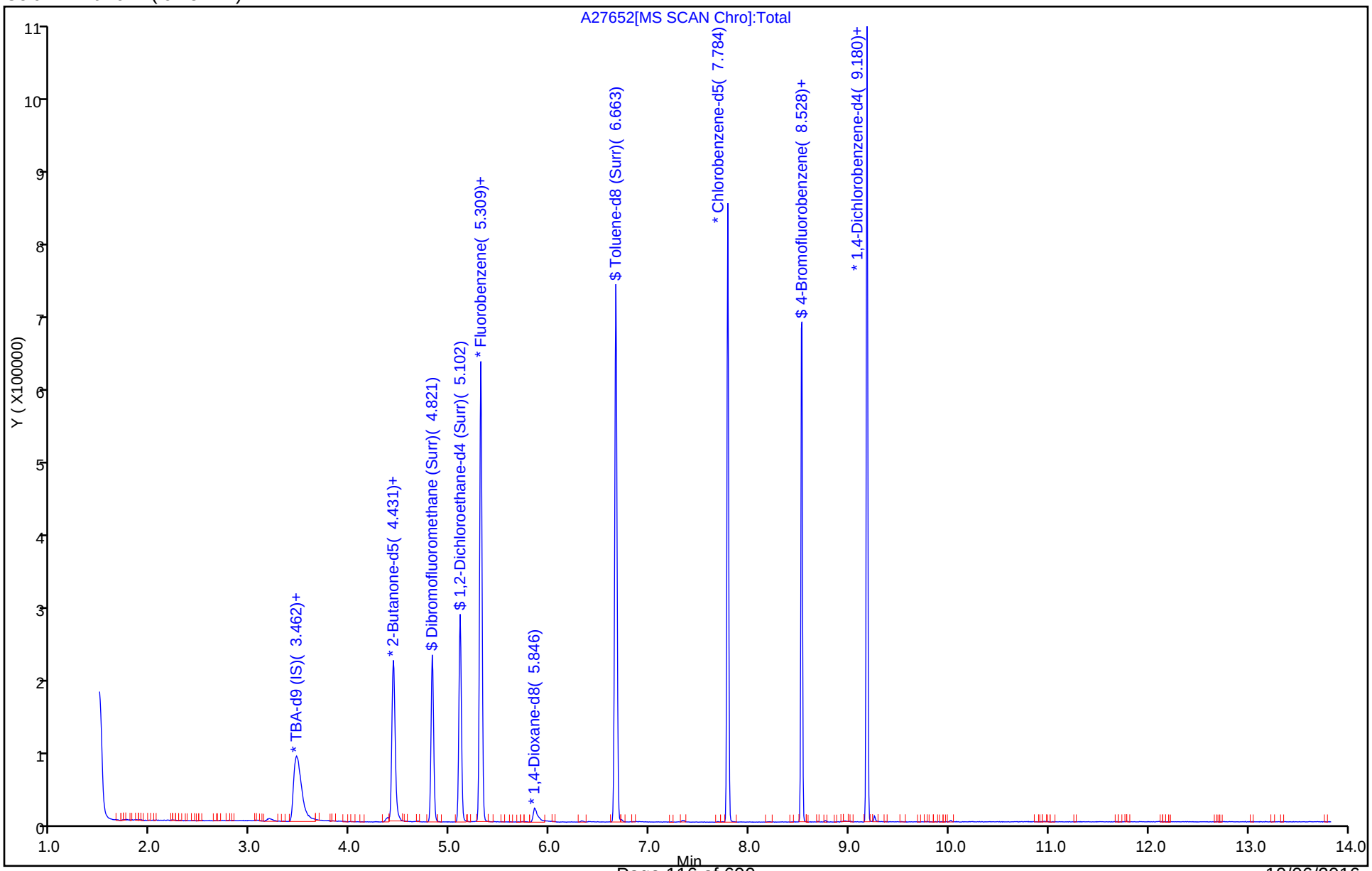
Report Date: 03-Oct-2016 07:16:45 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27652.D

Injection Date:	02-Oct-2016 22:45:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-121138-A-7	Lab Sample ID:	460-121138-7	Worklist Smp#:	46
Client ID:	MW-6 Filtered				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	39
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-3D | Lab Sample ID: 460-121138-8

Matrix: Water | Lab File ID: A27653.D

Analysis Method: 624 | Date Collected: 09/28/2016 15:20

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 23:07

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.39	J	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
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
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
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	2.3		1.0	0.13
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-3D | Lab Sample ID: 460-121138-8

Matrix: Water | Lab File ID: A27653.D

Analysis Method: 624 | Date Collected: 09/28/2016 15:20

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 23:07

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
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
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		48-130
2037-26-5	Toluene-d8 (Surr)	104		80-120
460-00-4	Bromofluorobenzene	91		71-131
1868-53-7	Dibromofluoromethane (Surr)	102		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-3D | Lab Sample ID: 460-121138-8

Matrix: Water | Lab File ID: A27653.D

Analysis Method: 624 | Date Collected: 09/28/2016 15:20

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 23:07

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.: 394312 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27653.D
Lims ID: 460-121138-A-8
Client ID: MW-3D
Sample Type: Client
Inject. Date: 02-Oct-2016 23:07:30 ALS Bottle#: 40 Worklist Smp#: 47
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121138-A-8
Misc. Info.: 460-0046300-047
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 03-Oct-2016 07:14:44 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: moroneyc Date: 03-Oct-2016 07:10:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.468	3.450	0.018	100	245949	1000.0	
30 Methyl tert-butyl ether	73	3.614	3.620	-0.006	97	19170	2.35	
* 39 2-Butanone-d5	46	4.437	4.425	0.012	99	302429	250.0	
49 Chloroform	83	4.699	4.687	0.012	97	1817	0.3892	
$ 53 Dibromofluoromethane (Surr	113	4.827	4.815	0.012	94	120796	50.9	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.108	5.096	0.012	99	161966	56.3	
* 64 Fluorobenzene	96	5.309	5.303	0.006	97	448968	50.0	
* 70 1,4-Dioxane-d8	96	5.846	5.846	0.000	97	19258	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.662	6.662	0.000	98	405959	51.9	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	92	273929	50.0	
$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	84	99544	45.5	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	98	148614	50.0	

Reagents:

8260ISNEW_00085 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00140 Amount Added: 1.00 Units: uL Run Reagent

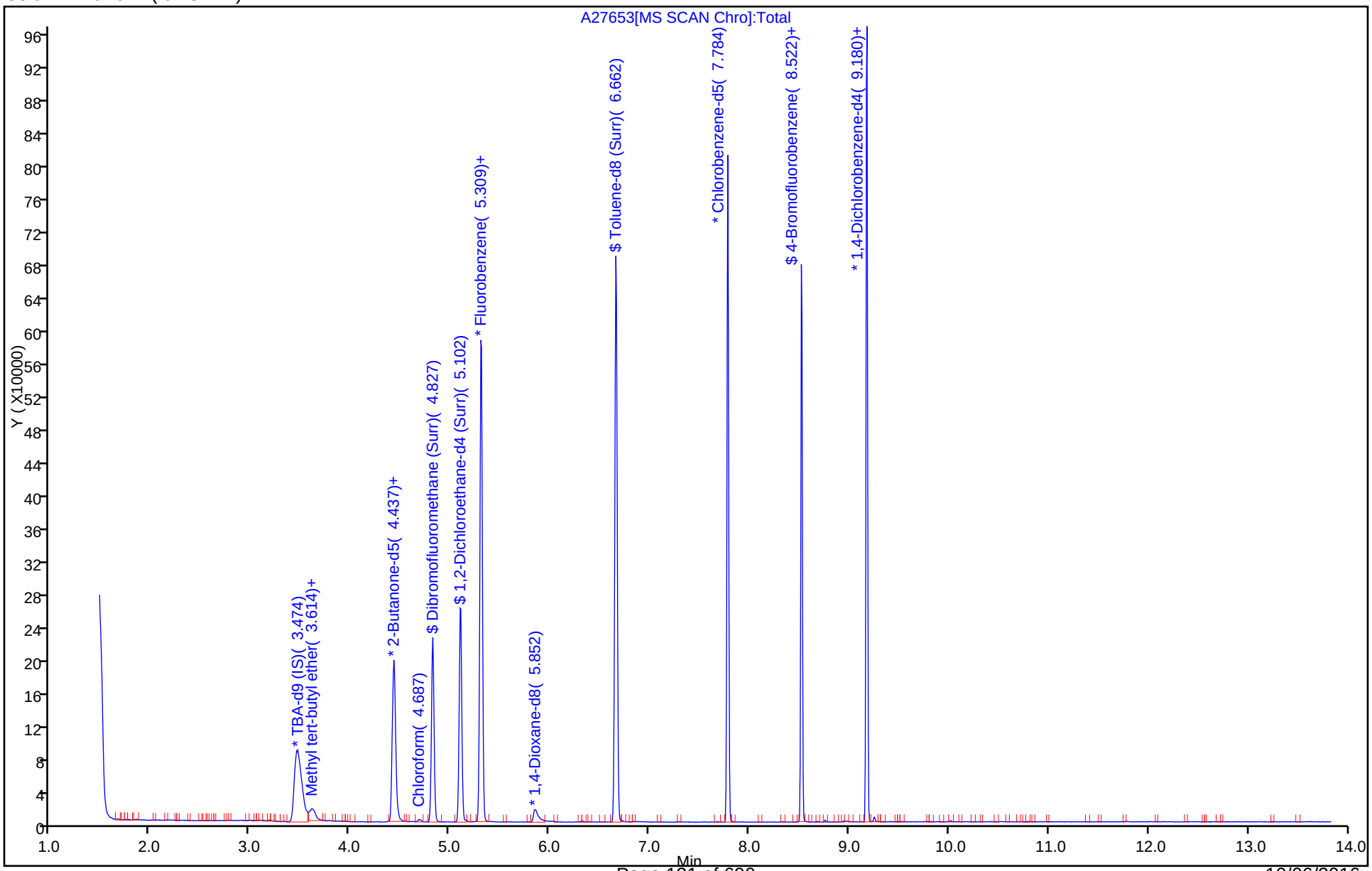
Report Date: 03-Oct-2016 07:16:49 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27653.D

Injection Date:	02-Oct-2016 23:07:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-121138-A-8	Lab Sample ID:	460-121138-8	Worklist Smp#:	47
Client ID:	MW-3D				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	40
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

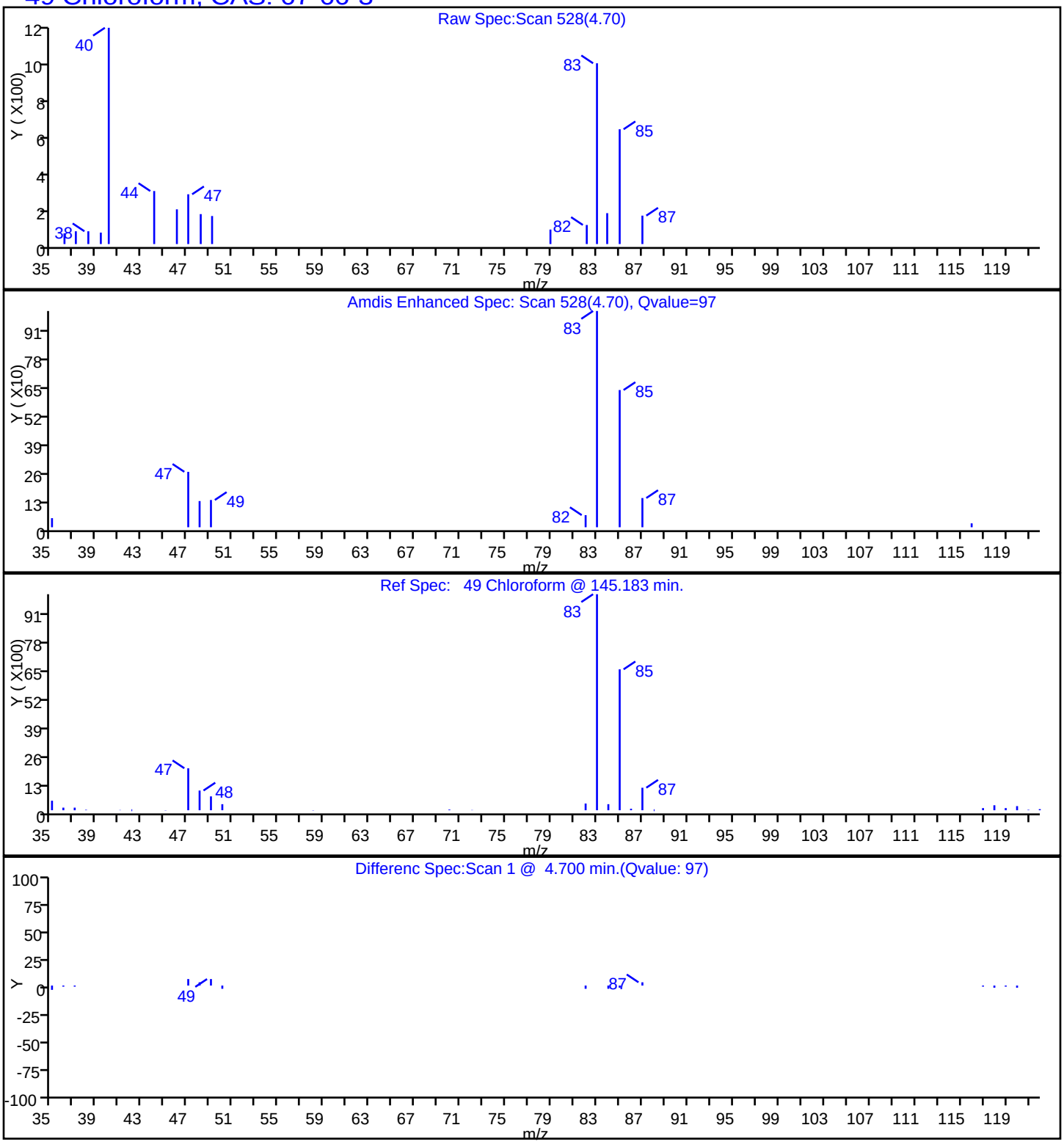
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

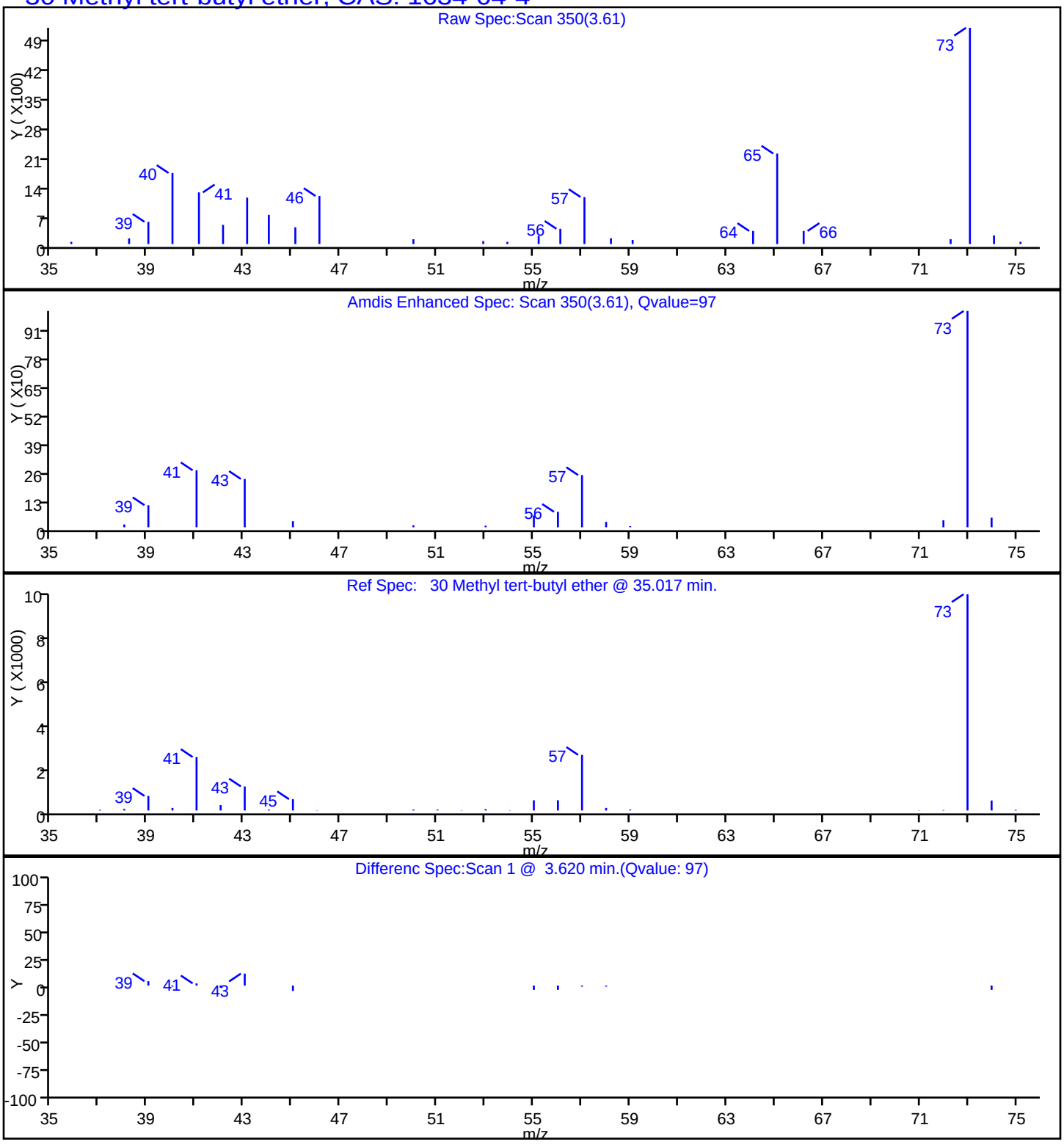
Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27653.D				
Injection Date:	02-Oct-2016 23:07:30	Instrument ID:	CVOAMS1		
Lims ID:	460-121138-A-8	Lab Sample ID:	460-121138-8		
Client ID:	MW-3D				
Operator ID:	VOA GC/MS1	ALS Bottle#:	40	Worklist Smp#:	47
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

49 Chloroform, CAS: 67-66-3



Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27653.D
Injection Date: 02-Oct-2016 23:07:30 Instrument ID: CVOAMS1
Lims ID: 460-121138-A-8 Lab Sample ID: 460-121138-8
Client ID: MW-3D
Operator ID: VOA GC/MS1 ALS Bottle#: 40 Worklist Smp#: 47
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA 624 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

30 Methyl tert-butyl ether, CAS: 1634-04-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: FB-20160928 | Lab Sample ID: 460-121138-9

Matrix: Water | Lab File ID: A27642.D

Analysis Method: 624 | Date Collected: 09/28/2016 16:25

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 19:08

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.22	U	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
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
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
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: FB-20160928 | Lab Sample ID: 460-121138-9

Matrix: Water | Lab File ID: A27642.D

Analysis Method: 624 | Date Collected: 09/28/2016 16:25

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 19:08

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
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
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		48-130
2037-26-5	Toluene-d8 (Surr)	104		80-120
460-00-4	Bromofluorobenzene	92		71-131
1868-53-7	Dibromofluoromethane (Surr)	102		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: FB-20160928 | Lab Sample ID: 460-121138-9

Matrix: Water | Lab File ID: A27642.D

Analysis Method: 624 | Date Collected: 09/28/2016 16:25

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 19:08

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.: 394312 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27642.D
Lims ID: 460-121138-A-9
Client ID: FB-20160928
Sample Type: Client
Inject. Date: 02-Oct-2016 19:08:30 ALS Bottle#: 29 Worklist Smp#: 36
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121138-A-9
Misc. Info.: 460-0046300-036
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 03-Oct-2016 07:14:44 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: moroneyc Date: 03-Oct-2016 07:06:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.462	3.450	0.012	100	256149	1000.0	
* 39 2-Butanone-d5	46	4.437	4.425	0.012	99	310280	250.0	
$ 53 Dibromofluoromethane (Surr	113	4.827	4.815	0.012	95	123967	50.8	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.096	0.006	99	165944	56.1	
* 64 Fluorobenzene	96	5.309	5.303	0.006	97	461262	50.0	
* 70 1,4-Dioxane-d8	96	5.858	5.846	0.012	96	19937	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.662	6.662	0.000	98	411371	52.2	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	91	275831	50.0	
$ 103 4-Bromofluorobenzene	174	8.534	8.528	0.006	82	101191	45.9	
* 119 1,4-Dichlorobenzene-d4	152	9.199	9.180	0.019	98	149909	50.0	

Reagents:

8260ISNEW_00085 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00140 Amount Added: 1.00 Units: uL Run Reagent

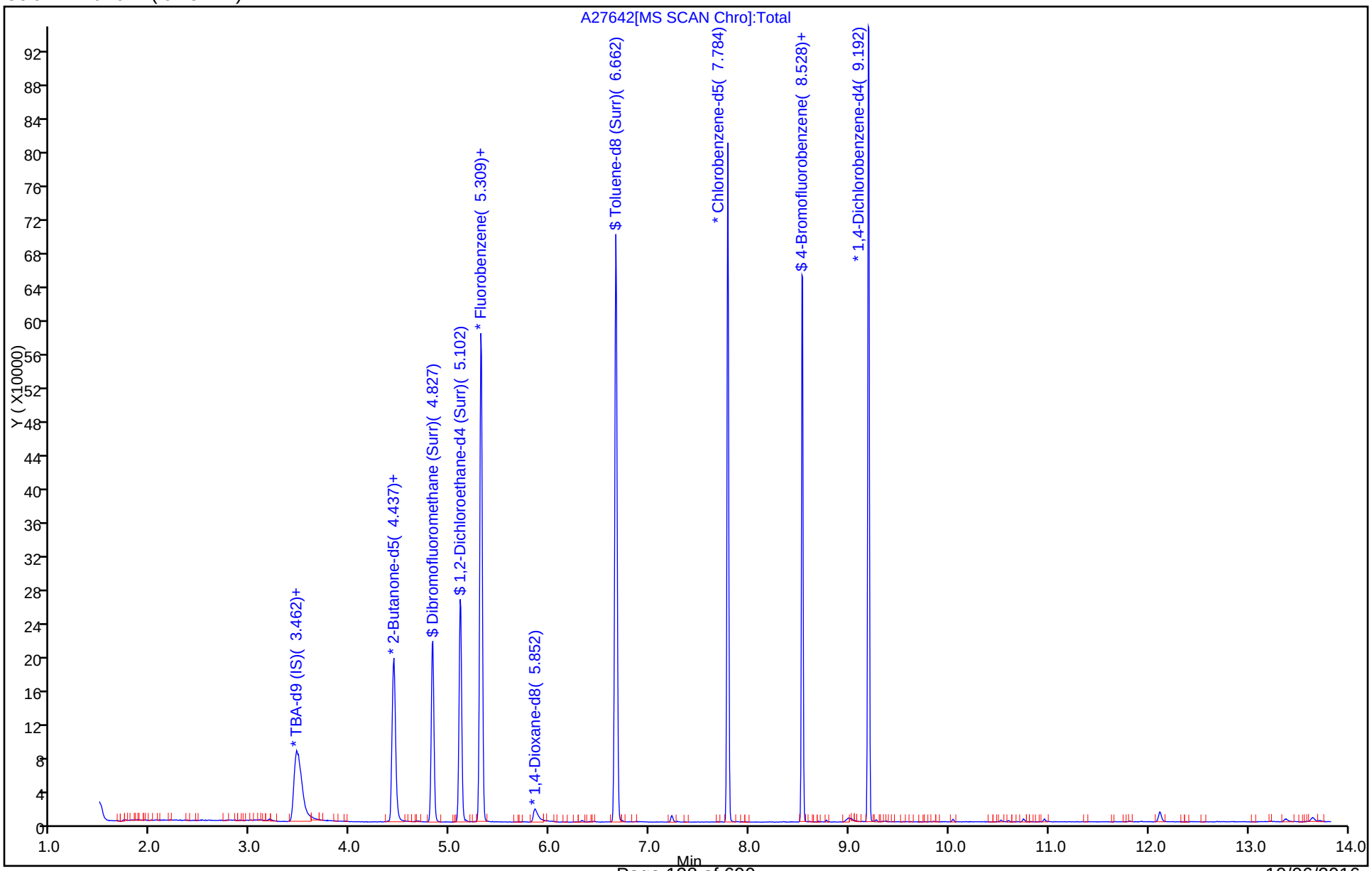
Report Date: 03-Oct-2016 07:16:14 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27642.D

Injection Date:	02-Oct-2016 19:08:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-121138-A-9	Lab Sample ID:	460-121138-9	Worklist Smp#:	36
Client ID:	FB-20160928				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	29
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: DUP-20160928 | Lab Sample ID: 460-121138-10

Matrix: Water | Lab File ID: A27654.D

Analysis Method: 624 | Date Collected: 09/28/2016 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 23:28

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.22	U	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
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
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
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: DUP-20160928 | Lab Sample ID: 460-121138-10

Matrix: Water | Lab File ID: A27654.D

Analysis Method: 624 | Date Collected: 09/28/2016 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 23:28

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
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
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		48-130
2037-26-5	Toluene-d8 (Surr)	105		80-120
460-00-4	Bromofluorobenzene	92		71-131
1868-53-7	Dibromofluoromethane (Surr)	102		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: DUP-20160928 | Lab Sample ID: 460-121138-10

Matrix: Water | Lab File ID: A27654.D

Analysis Method: 624 | Date Collected: 09/28/2016 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 23:28

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.: 394312 | Units: ug/L

Number TICs Found: 1 | TIC Result Total: 9.4

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	3.46	9.4	J	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27654.D
Lims ID: 460-121138-A-10
Client ID: DUP-20160928
Sample Type: Client
Inject. Date: 02-Oct-2016 23:28:30 ALS Bottle#: 41 Worklist Smp#: 48
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121138-A-10
Misc. Info.: 460-0046300-048
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 03-Oct-2016 07:14:44 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: moroneyc Date: 03-Oct-2016 07:10:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.474	3.450	0.024	100	238876	1000.0	
* 39 2-Butanone-d5	46	4.437	4.425	0.012	99	296121	250.0	
$ 53 Dibromofluoromethane (Surr	113	4.828	4.815	0.013	95	119152	50.9	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.096	0.006	99	159324	56.1	
* 64 Fluorobenzene	96	5.309	5.303	0.006	97	442974	50.0	
* 70 1,4-Dioxane-d8	96	5.852	5.846	0.006	94	19927	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.663	6.662	0.001	98	398070	52.5	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	92	265600	50.0	
$ 103 4-Bromofluorobenzene	174	8.522	8.528	-0.006	80	97421	45.9	
* 119 1,4-Dichlorobenzene-d4	152	9.174	9.180	-0.006	97	144372	50.0	

Reagents:

8260ISNEW_00085 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00140 Amount Added: 1.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27654.D				
Lims ID:	460-121138-A-10				
Client ID:	DUP-20160928				
Sample Type:	Client				
Inject. Date:	02-Oct-2016 23:28:30	ALS Bottle#:	41	Worklist Smp#:	48
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-121138-A-10				
Misc. Info.:	460-0046300-048				
Operator ID:	VOA GC/MS1	Instrument ID:	CVOAMS1		
Method:	\\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\8260624W_1.m				
Limit Group:	VOA 624 ICAL				
Last Update:	03-Oct-2016 07:14:44	Calib Date:	08-Sep-2016 04:26:30		
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:	XAWRK035				
First Level Reviewer: moroneyc		Date:	03-Oct-2016 07:10:39		

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
3.462	189573	9.38	64					

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 64 Fluorobenzene	5.309	1010443	50.0

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00085	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00140	Amount Added:	1.00	Units: uL	Run Reagent

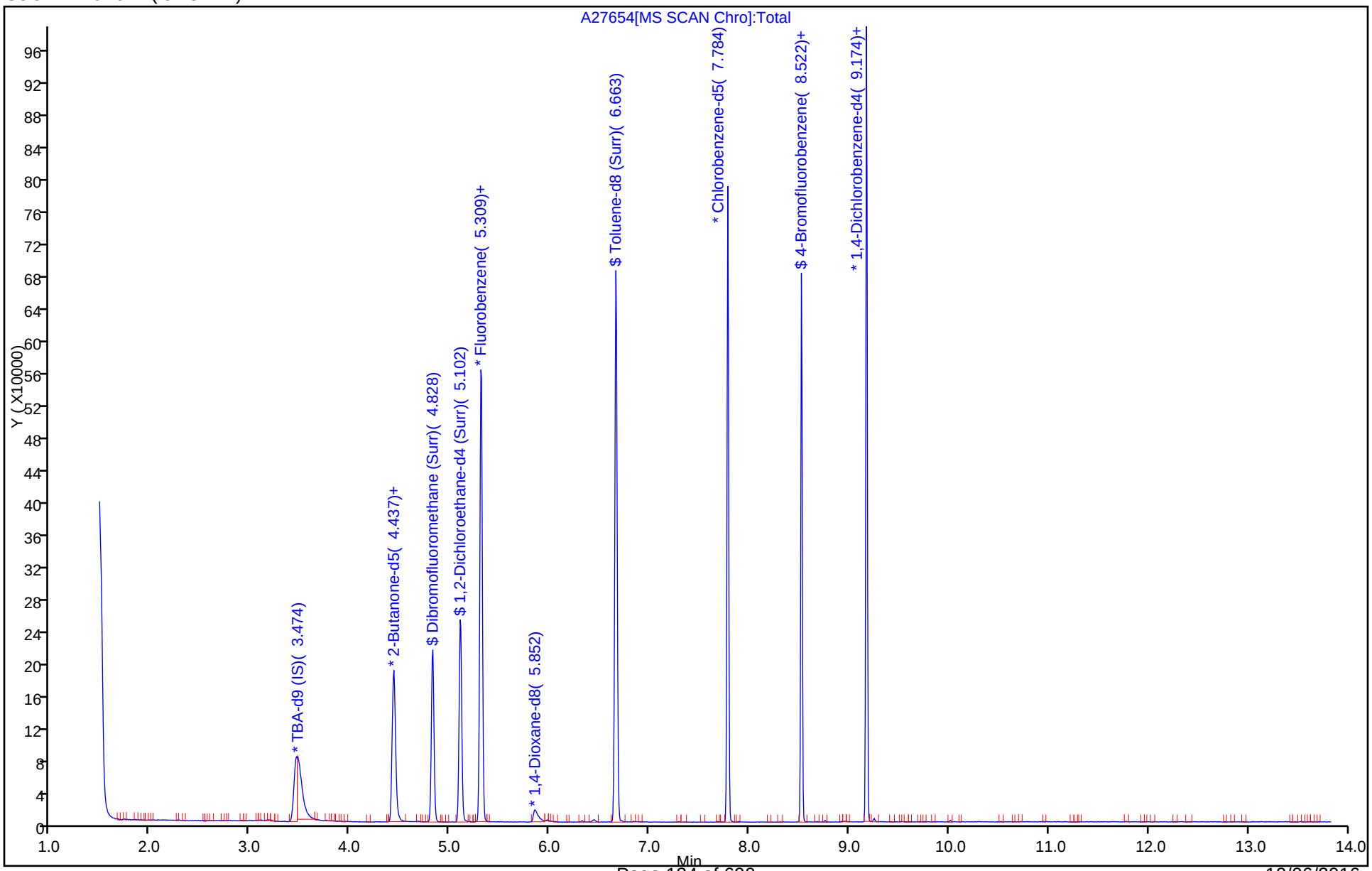
Report Date: 03-Oct-2016 07:16:51 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27654.D

Injection Date:	02-Oct-2016 23:28:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-121138-A-10	Lab Sample ID:	460-121138-10	Worklist Smp#:	48
Client ID:	DUP-20160928				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	41
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

Column: Rtx-624 (0.25 mm)



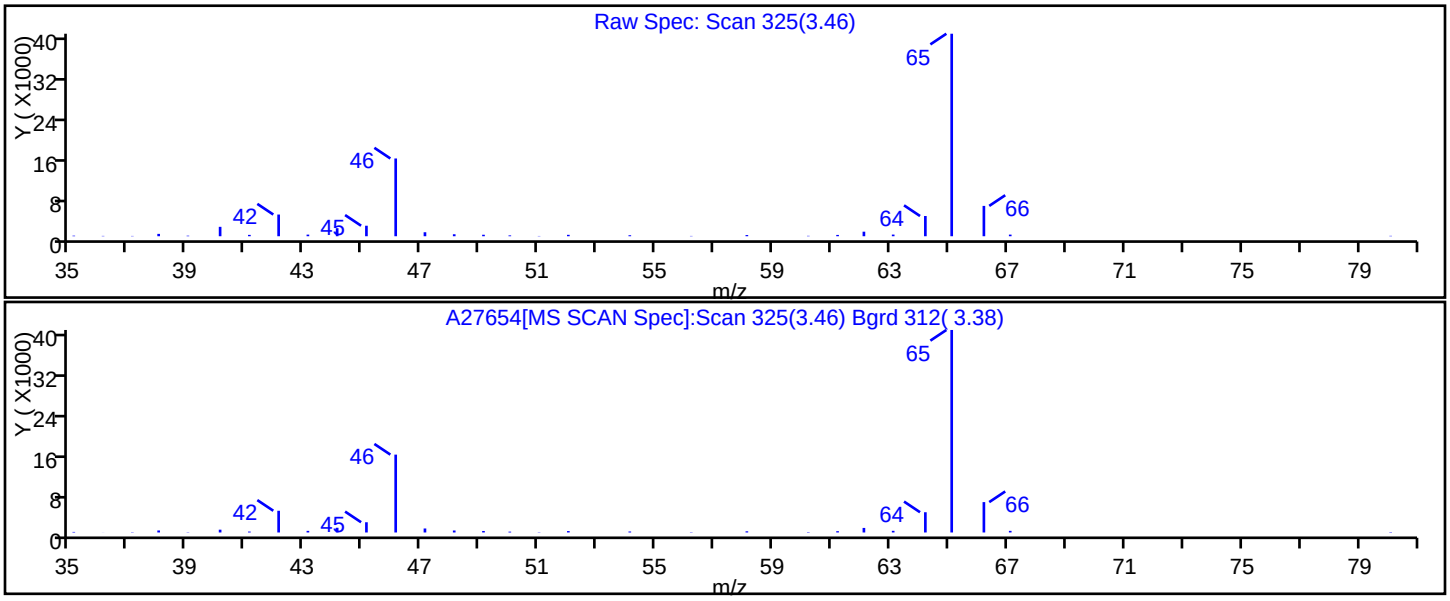
Report Date: 03-Oct-2016 07:16:51 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27654.D

Injection Date:	02-Oct-2016 23:28:30	Instrument ID:	CVOAMS1		
Lims ID:	460-121138-A-10	Lab Sample ID:	460-121138-10		
Client ID:	DUP-20160928				
Operator ID:	VOA GC/MS1	ALS Bottle#:	41	Worklist Smp#:	48
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		
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.: 460-121138-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-121138-11

Matrix: Water | Lab File ID: A27643.D

Analysis Method: 624 | Date Collected: 09/28/2016 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 19:29

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.22	U	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
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
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
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-121138-11

Matrix: Water | Lab File ID: A27643.D

Analysis Method: 624 | Date Collected: 09/28/2016 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 19:29

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
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
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		48-130
2037-26-5	Toluene-d8 (Surr)	104		80-120
460-00-4	Bromofluorobenzene	91		71-131
1868-53-7	Dibromofluoromethane (Surr)	101		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-121138-11

Matrix: Water | Lab File ID: A27643.D

Analysis Method: 624 | Date Collected: 09/28/2016 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 19:29

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.: 394312 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27643.D
Lims ID: 460-121138-A-11
Client ID: Trip Blank
Sample Type: Client
Inject. Date: 02-Oct-2016 19:29:30 ALS Bottle#: 30 Worklist Smp#: 37
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121138-A-11
Misc. Info.: 460-0046300-037
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 03-Oct-2016 07:14:44 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: moroneyc Date: 03-Oct-2016 07:07:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.468	3.450	0.018	100	248569	1000.0	
* 39 2-Butanone-d5	46	4.431	4.425	0.006	99	308333	250.0	
$ 53 Dibromofluoromethane (Surr	113	4.821	4.815	0.006	94	122779	50.4	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.096	0.006	99	164687	55.8	
* 64 Fluorobenzene	96	5.309	5.303	0.006	97	460620	50.0	
* 70 1,4-Dioxane-d8	96	5.858	5.846	0.012	95	20515	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.663	6.662	0.001	98	409483	51.9	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	92	276081	50.0	
$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	79	100276	45.5	
* 119 1,4-Dichlorobenzene-d4	152	9.186	9.180	0.006	97	152419	50.0	

Reagents:

8260ISNEW_00085 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00140 Amount Added: 1.00 Units: uL Run Reagent

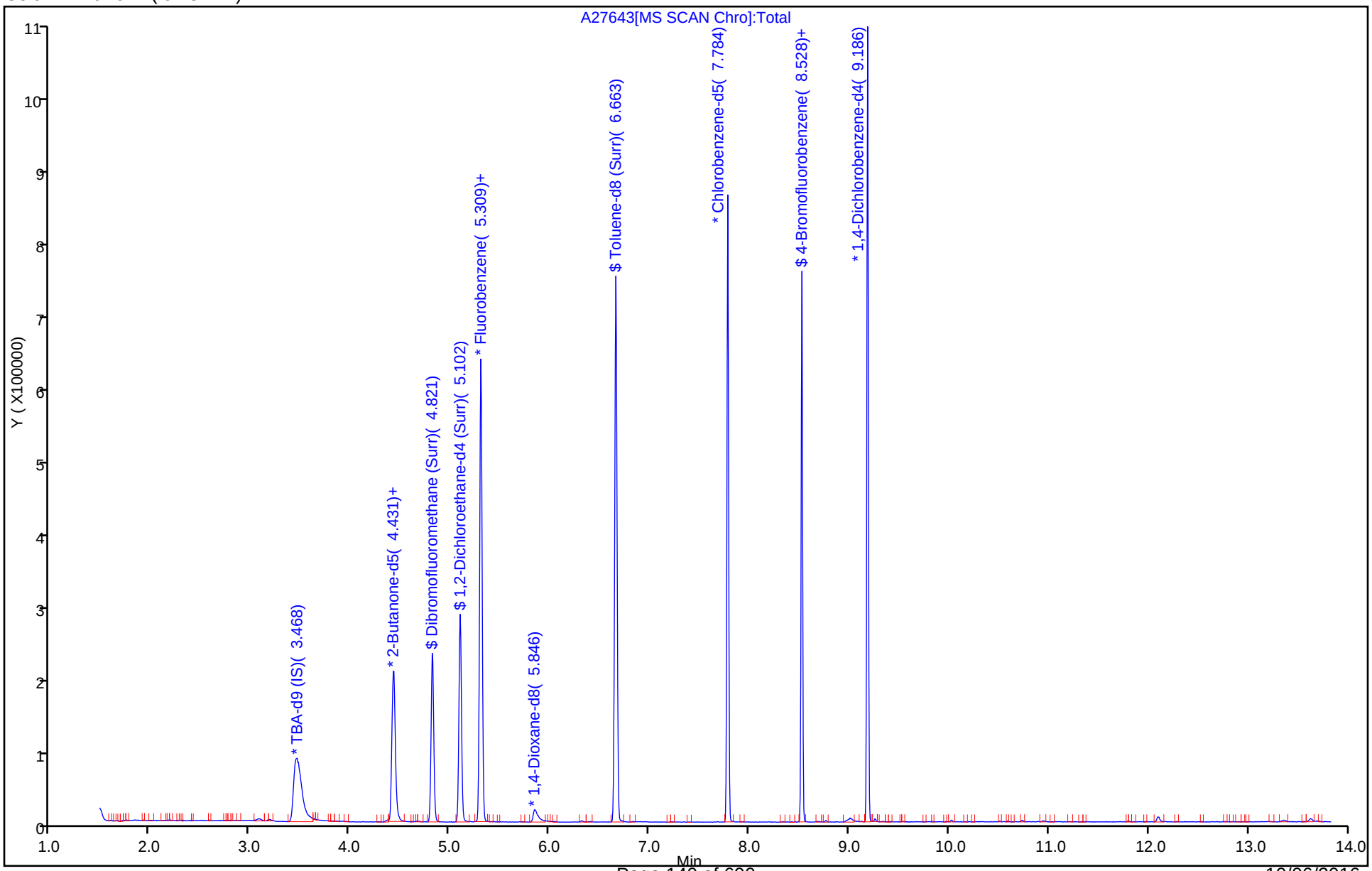
Report Date: 03-Oct-2016 07:16:17 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27643.D

Injection Date:	02-Oct-2016 19:29:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-121138-A-11	Lab Sample ID:	460-121138-11	Worklist Smp#:	37
Client ID:	Trip Blank				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	30
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

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.: 460-121138-1 Analy Batch No.: 389141

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/08/2016 02:02 Calibration End Date: 09/08/2016 04:26 Calibration ID: 57699

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-389141/2	A26266.D
Level 2	STD1 460-389141/3	A26267.D
Level 3	STD5 460-389141/4	A26268.D
Level 4	STD20 460-389141/5	A26269.D
Level 5	STD50 460-389141/6	A26270.D
Level 6	STD200 460-389141/7	A26271.D
Level 7	STD500 460-389141/8	A26272.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								
Dichlorodifluoromethane	+++++ 0.5021	0.4632 0.3185	0.4512	0.5786	0.4930	Ave		0.4678				18.3		35.0			
Chloromethane	+++++ 0.5282	0.6838 0.4522	0.6296	0.6374	0.5371	Ave		0.5780				15.0		35.0			
Vinyl chloride	+++++ 0.4848	0.6192 0.3856	0.5197	0.5686	0.4860	Ave		0.5106				15.7		35.0			
Bromomethane	+++++ 0.2606	0.3212 0.1969	0.3425	0.3282	0.2820	Ave		0.2886				18.8		35.0			
Ethyl Chloride	+++++ 0.2458	0.3532 0.1836	0.3114	0.3162	0.2669	Ave		0.2795				21.6		35.0			
Trichlorofluoromethane	+++++ 0.4367	0.5746 0.3024	0.4362	0.5116	0.4562	Ave		0.4529				20.1		35.0			
n-Pentane	+++++ 0.0585	0.0538 0.0480	0.0767	0.0676	0.0659	Ave		0.0618				16.8		35.0			
Ethyl ether	+++++ 0.2470	0.3562 0.2177	0.3225	0.2899	0.2784	Ave		0.2853				17.5		35.0			
Ethanol	+++++ 0.0586	0.0633 0.0547	0.0720	0.0528	0.0565	Ave		0.0596				11.8		35.0			
Isoprene	+++++ 0.2887	0.3276 0.2426	0.3803	0.3260	0.3176	Ave		0.3138				14.6		35.0			
Acrolein	+++++ 1.5874	2.7345 2.0605	1.8135	1.7047	1.7449	Ave		1.9409				21.6		35.0			
Freon TF	+++++ 0.2631	0.2475 0.2298	0.1836	0.2943	0.2785	Ave		0.2495				15.8		35.0			
1,1-Dichloroethene	+++++ 0.2690	0.3596 0.2375	0.3226	0.3198	0.2889	Ave		0.2996				14.5		35.0			
Acetone	+++++ 0.6244	1.2156 0.6105	1.0655	0.9147	0.6812	Ave		0.8520				29.7		35.0			

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.: 460-121138-1 Analy Batch No.: 389141

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/08/2016 02:02 Calibration End Date: 09/08/2016 04:26 Calibration ID: 57699

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								
Iodomethane	+++++ 0.4732	0.5973 0.4301	0.5725	0.5373	0.4852	Ave		0.5159				12.4		35.0			
Carbon disulfide	+++++ 1.1289	1.5053 1.0066	1.2839	1.2868	1.1631	Ave		1.2291				13.9		35.0			
Isopropanol	+++++ 0.6882	0.5019 0.7401	0.7786	0.7151	0.7321	Ave		0.6927				14.2		35.0			
Allyl chloride	+++++ 0.1879	0.2410 0.1723	0.2177	0.2113	0.1922	Ave		0.2037				12.0		35.0			
Methyl acetate	+++++ 0.2480	0.2977 0.2215	0.2920	0.2674	0.2651	Ave		0.2653				10.6		35.0			
Acetonitrile	+++++ 1.7922	2.6784 2.0435	1.9990	2.0527	1.9894	Ave		2.0925				14.4		35.0			
Methylene Chloride	+++++ 0.3229	0.4326 0.2984	0.3996	0.3656	0.3388	Ave		0.3596				13.9		35.0			
TBA	+++++ 1.0150	1.8613 1.0540	1.1249	0.9842	0.9900	Ave		1.1716				29.2		35.0			
MTBE	+++++ 0.8550	1.0260 0.7843	0.9910	0.9242	0.8766	Ave		0.9095				9.9		35.0			
trans-1,2-Dichloroethene	+++++ 0.2934	0.3783 0.2792	0.3402	0.3249	0.2958	Ave		0.3186				11.5		35.0			
Acrylonitrile	0.1325 0.1249	0.1495 0.1139	0.1444	0.1338	0.1308	Ave		0.1328				8.9		35.0			
Hexane	+++++ 0.3276	0.2659 0.2817	0.1924	0.3732	0.3581	Ave		0.2998				22.4		35.0			
DIPE	+++++ 1.1088	1.3289 1.0109	1.3339	1.2113	1.2093	Ave		1.2005				10.5		35.0			
1,1-Dichloroethane	+++++ 0.5751	0.7303 0.5324	0.6652	0.6307	0.5857	Ave		0.6199				11.5		35.0			
Vinyl acetate	+++++ 0.0561	0.0724 0.0550	0.0611	0.0522	0.0562	Ave		0.0588				12.3		35.0			
2,2-Dichloropropane	+++++ 0.0973	0.1304 0.0936	0.1112	0.1081	0.0989	Ave		0.1066				12.6		35.0			
cis-1,2-Dichloroethene	+++++ 0.3110	0.3843 0.3034	0.3495	0.3251	0.3092	Ave		0.3304				9.4		35.0			
2-Butanone	+++++ 0.2505	0.4046 0.2485	0.2669	0.2422	0.2319	Ave		0.2741				23.7		35.0			
Ethyl acetate	+++++ 0.2221	0.2524 0.2222	0.2096	0.2195	0.2206	Ave		0.2244				6.5		35.0			
Bromochloromethane	+++++ 0.1384	0.1771 0.1364	0.1546	0.1396	0.1355	Ave		0.1469				11.1		35.0			

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.: 460-121138-1 Analy Batch No.: 389141

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/08/2016 02:02 Calibration End Date: 09/08/2016 04:26 Calibration ID: 57699

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								
Tetrahydrofuran	+++++ 0.3001	0.4754 0.2783	0.3093	0.2846	0.2831	Ave		0.3218				23.7		35.0			
Chloroform	+++++ 0.5016	0.6215 0.4218	0.5565	0.5177	0.5002	Ave		0.5199				12.8		35.0			
Cyclohexane	+++++ 0.5894	0.4866 0.5131	0.3599	0.6351	0.5959	Ave		0.5300				18.9		35.0			
1,1,1-Trichloroethane	+++++ 0.4121	0.5285 0.3710	0.4134	0.4346	0.4044	Ave		0.4273				12.6		35.0			
Carbon tetrachloride	+++++ 0.3511	0.4160 0.3306	0.3045	0.3622	0.3446	Ave		0.3515				10.6		35.0			
1,1-Dichloropropene	+++++ 0.4057	0.4522 0.3771	0.3763	0.4049	0.3959	Ave		0.4020				6.9		35.0			
Benzene	+++++ 1.8280	2.1372 1.5438	2.0009	1.8754	1.7820	Ave		1.8612				10.9		35.0			
Isopropyl acetate	+++++ 0.9606	1.2097 0.7991	1.0870	0.9853	1.0295	Ave		1.0119				13.5		35.0			
1,2-Dichloroethane	+++++ 0.3573	0.5121 0.3052	0.3940	0.3645	0.3552	Ave		0.3814				18.4		35.0			
n-Heptane	+++++ 0.2906	0.1779 0.2451	0.1472	0.2985	0.2985	Ave		0.2430				27.2		35.0			
n-Butanol	+++++ 0.2847	0.2787 0.3307	0.2726	0.2423	0.2676	Ave		0.2794				10.4		35.0			
Trichloroethene	+++++ 0.2675	0.3138 0.2722	0.2656	0.2613	0.2501	Ave		0.2717				8.1		35.0			
Ethyl acrylate	+++++ 0.9229	0.6087 0.8719	0.6011	0.9320	0.9401	Ave		0.8128				20.0		35.0			
Methylcyclohexane	+++++ 0.5166	0.3623 0.4793	0.2879	0.5276	0.5116	Ave		0.4475				22.1		35.0			
1,2-Dichloropropane	+++++ 0.3028	0.4324 0.2921	0.3402	0.3013	0.2980	Ave		0.3278				16.5		35.0			
Methyl methacrylate	+++++ 0.0649	0.0729 0.0678	0.0617	0.0578	0.0630	Ave		0.0647				8.1		35.0			
Propyl acetate	+++++ 0.4170	0.4778 0.3941	0.4285	0.3967	0.4224	Ave		0.4228				7.2		35.0			
p-Dioxane	+++++ 0.9071	1.3232 0.6454	1.2117	1.0884	1.1112	Ave		1.0478				23.0		35.0			
Dibromomethane	+++++ 0.1656	0.1989 0.1636	0.1683	0.1560	0.1581	Ave		0.1684				9.3		35.0			
Bromodichloromethane	+++++ 0.3645	0.4331 0.3661	0.3588	0.3449	0.3415	Ave		0.3681				9.1		35.0			

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.: 460-121138-1 Analy Batch No.: 389141

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/08/2016 02:02 Calibration End Date: 09/08/2016 04:26 Calibration ID: 57699

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-Chloroethyl vinyl ether	+++++ 0.1662	0.2070 0.1781	0.1749	0.1569	0.1686	Ave		0.1753				9.8		35.0			
Epichlorohydrin	0.2867 0.2090	0.2429 0.2099	0.2067	0.1934	0.1989	Ave		0.2211				14.9		35.0			
cis-1,3-Dichloropropene	+++++ 0.6692	0.7570 0.6489	0.6764	0.6562	0.6437	Ave		0.6752				6.2		35.0			
4-Methyl-2-pentanone	+++++ 2.6165	2.8358 2.3897	2.5470	2.4683	2.4394	Ave		2.5494				6.3		35.0			
Toluene	+++++ 1.6931	1.9315 1.5968	1.7368	1.6853	1.6103	Ave		1.7090				7.1		35.0			
trans-1,3-Dichloropropene	+++++ 0.5682	0.6634 0.5567	0.5957	0.5536	0.5537	Ave		0.5819				7.4		35.0			
1,1,2-Trichloroethane	+++++ 0.2990	0.3558 0.2886	0.3314	0.3007	0.2851	Ave		0.3101				8.9		35.0			
Tetrachloroethene	+++++ 0.3613	0.3959 0.3612	0.3069	0.3325	0.3246	Ave		0.3471				9.2		35.0			
1,3-Dichloropropane	+++++ 0.5915	0.7108 0.5733	0.6074	0.5838	0.5741	Ave		0.6068				8.6		35.0			
2-Hexanone	+++++ 1.5262	1.8369 1.4530	1.5221	1.4534	1.4291	Ave		1.5368				9.9		35.0			
Butyl acetate	+++++ 0.1078	0.1279 0.1011	0.1275	0.1045	0.1105	Ave		0.1132				10.3		35.0			
Dibromochloromethane	+++++ 0.3772	0.3966 0.3750	0.3541	0.3491	0.3499	Ave		0.3670				5.2		35.0			
1,2-Dibromoethane	+++++ 0.3200	0.3421 0.3187	0.3296	0.2982	0.3047	Ave		0.3189				5.0		35.0			
Chlorobenzene	+++++ 1.0038	1.1017 0.9890	0.9951	0.9652	0.9340	Ave		0.9981				5.7		35.0			
Ethylbenzene	+++++ 0.5889	0.6200 0.5346	0.5478	0.5647	0.5453	Ave		0.5669				5.7		35.0			
1,1,1,2-Tetrachloroethane	+++++ 0.4153	0.4281 0.3496	0.4007	0.3917	0.3778	Ave		0.3939				7.1		35.0			
m-Xylene & p-Xylene	+++++ 0.7416	0.7940 0.6568	0.6762	0.7032	0.6849	Ave		0.7094				7.1		35.0			
n-Butyl acrylate	+++++ 0.3411	0.4299 0.3254	0.3945	0.3398	0.3543	Ave		0.3642				11.0		35.0			
o-Xylene	+++++ 0.7642	0.8016 0.6806	0.7330	0.7336	0.7026	Ave		0.7359				5.9		35.0			
Styrene	+++++ 1.2551	1.3294 1.0671	1.2053	1.1698	1.1512	Ave		1.1963				7.5		35.0			

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.: 460-121138-1 Analy Batch No.: 389141

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/08/2016 02:02 Calibration End Date: 09/08/2016 04:26 Calibration ID: 57699

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								
Amyl acetate	+++++ 1.5935	2.1902 1.7857	2.0261	1.6672	1.7149	Ave		1.8296				12.6		35.0			
Bromoform	+++++ 0.2457	0.3069 0.2388	0.2335	0.2194	0.2228	Ave		0.2445				13.1		35.0			
Isopropylbenzene	+++++ 2.0776	1.9913 1.7600	1.7906	1.9560	1.8955	Ave		1.9118				6.4		35.0			
Bromobenzene	+++++ 0.6864	0.7848 0.9042	0.7121	0.6631	0.6453	Ave		0.7326				13.3		35.0			
1,1,2,2-Tetrachloroethane	+++++ 0.8751	1.0611 1.0233	0.9458	0.8650	0.8604	Ave		0.9385				9.3		35.0			
N-Propylbenzene	+++++ 4.1546	4.6570 4.1830	3.9973	4.1203	3.9845	Ave		4.1828				5.9		35.0			
1,2,3-Trichloropropane	+++++ 0.2208	0.3105 0.2280	0.2312	0.2233	0.2223	Ave		0.2394				14.7		35.0			
2-Chlorotoluene	+++++ 2.7704	3.2001 2.5347	2.8911	2.8159	2.6980	Ave		2.8184				7.9		35.0			
1,3,5-Trimethylbenzene	+++++ 2.8733	3.0308 2.4230	2.6508	2.7604	2.7650	Ave		2.7506				7.5		35.0			
Butyl Methacrylate	+++++ 1.1237	1.2775 0.8838	1.2635	1.1146	1.1830	Ave		1.1410				12.6		35.0			
4-Chlorotoluene	+++++ 2.3666	2.8450 1.8624	2.5328	2.3755	2.3739	Ave		2.3927				13.3		35.0			
tert-Butylbenzene	+++++ 2.4408	2.3062 2.5195	1.9276	2.1709	2.1874	Ave		2.2587				9.4		35.0			
1,2,4-Trimethylbenzene	+++++ 2.9754	3.1356 2.6747	2.8733	2.8512	2.8406	Ave		2.8918				5.3		35.0			
sec-Butylbenzene	+++++ 3.8596	3.6036 3.6896	3.1119	3.6034	3.5826	Ave		3.5751				7.0		35.0			
p-Isopropyltoluene	+++++ 3.2496	2.9867 3.1203	2.7486	3.0240	3.0033	Ave		3.0221				5.5		35.0			
1,3-Dichlorobenzene	+++++ 1.5506	1.5682 1.3715	1.4872	1.4571	1.4660	Ave		1.4835				4.8		35.0			
1,4-Dichlorobenzene	+++++ 1.5714	1.6771 1.3009	1.5556	1.5237	1.5309	Ave		1.5266				8.1		35.0			
Benzyl chloride	+++++ 1.8212	2.0581 1.7210	2.1187	1.8219	1.9260	Ave		1.9112				8.0		35.0			
n-Butylbenzene	+++++ 1.7662	1.7531 1.1104	1.6806	1.8716	1.8951	Ave		1.6795				17.3		35.0			
1,2-Dichlorobenzene	+++++ 1.5384	1.5535 1.2894	1.4546	1.4602	1.4796	Ave		1.4626				6.4		35.0			

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.: 460-121138-1 Analy Batch No.: 389141

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/08/2016 02:02 Calibration End Date: 09/08/2016 04:26 Calibration ID: 57699

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	+++++ 0.1491	0.1626 0.1678	0.1687	0.1543	0.1519	Ave		0.1591				5.3		35.0			
1,2,4-Trichlorobenzene	+++++ 0.8716	0.7524 1.0542	0.8240	0.8265	0.8148	Ave		0.8573				12.1		35.0			
Hexachlorobutadiene	+++++ 0.4305	0.3512 0.4882	0.3362	0.3957	0.4054	Ave		0.4012				13.7		35.0			
Naphthalene	+++++ 1.9763	1.6353 2.3987	1.8207	1.8062	1.8736	Ave		1.9185				13.6		35.0			
1,2,3-Trichlorobenzene	+++++ 0.6406	0.5184 0.7771	0.5768	0.6038	0.6122	Ave		0.6215				14.0		35.0			
Dibromofluoromethane (Surr)	0.2668 0.2604	0.2666 0.2507	0.2688	0.2698	0.2678	Ave		0.2644				2.6		35.0			
1,2-Dichloroethane-d4 (Surr)	0.3246 0.3219	0.3192 0.3034	0.3213	0.3263	0.3278	Ave		0.3206				2.5		35.0			
Toluene-d8 (Surr)	1.4669 1.4049	1.4119 1.3344	1.4653	1.4733	1.4361	Ave		1.4275				3.5		35.0			
Bromofluorobenzene	0.4124 0.3946	0.3982 0.4003	0.4036	0.3982	0.3896	Ave		0.3996				1.8		35.0			

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.: 460-121138-1 Analy Batch No.: 389141

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/08/2016 02:02 Calibration End Date: 09/08/2016 04:26 Calibration ID: 57699

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-389141/2	A26266.D
Level 2	STD1 460-389141/3	A26267.D
Level 3	STD5 460-389141/4	A26268.D
Level 4	STD20 460-389141/5	A26269.D
Level 5	STD50 460-389141/6	A26270.D
Level 6	STD200 460-389141/7	A26271.D
Level 7	STD500 460-389141/8	A26272.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
Dichlorodifluoromethane	FB	Ave	+++++ 1261875	5627 2235534	23882	122059	277170	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 1327582	8306 3173680	33327	134459	301924	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 1218439	7521 2706009	27513	119947	273197	+++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 654877	3902 1381482	18132	69240	158543	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl Chloride	FB	Ave	+++++ 617725	4290 1288568	16485	66693	150035	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 1097487	6980 2121979	23089	107920	256482	+++++ 200	1.00 500	5.00	20.0	50.0
n-Pentane	FB	Ave	+++++ 294026	1307 673942	8118	28515	74128	+++++ 400	2.00 1000	10.0	40.0	100
Ethyl ether	FB	Ave	+++++ 620733	4327 1527586	17074	61162	156530	+++++ 200	1.00 500	5.00	20.0	50.0
Ethanol	TBAd 9	Ave	+++++ 152693	816 343154	4627	12769	34989	+++++ 8000	40.0 20000	200	800	2000
Isoprene	FB	Ave	+++++ 725480	3979 1702330	20130	68762	178546	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd 9	Ave	+++++ 103478	3526 258534	11659	20624	53986	+++++ 200	4.00 400	20.0	40.0	100
Freon TF	FB	Ave	+++++ 661253	3007 1612496	9721	62077	156546	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	+++++ 676131	4368 1667018	17075	67460	162441	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 969846	9366 2704034	35574	120723	242917	+++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	+++++ 1189318	7255 3018521	30305	113335	272789	+++++ 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.: 460-121138-1 Analy Batch No.: 389141

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/08/2016 02:02 Calibration End Date: 09/08/2016 04:26 Calibration ID: 57699

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
Carbon disulfide	FB	Ave	+++++ 2837249	18285 7064195	67966	271449	653873	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropanol	TBAd9	Ave	+++++ 448624	1618 1160763	12514	43256	113250	+++++ 2000	10.0 5000	50.0	200	500
Allyl chloride	FB	Ave	+++++ 472325	2927 1209315	11523	44582	108024	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	+++++ 3116277	18083 7771700	77277	282064	745239	+++++ 1000	5.00 2500	25.0	100	250
Acetonitrile	TBAd9	Ave	+++++ 1168231	8634 3204972	32128	124172	307761	+++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	+++++ 811410	5255 2093843	21155	77113	190450	+++++ 200	1.00 500	5.00	20.0	50.0
TBA	TBAd9	Ave	+++++ 661620	6000 1653131	18080	59533	153158	+++++ 2000	10.0 5000	50.0	200	500
MTBE	FB	Ave	+++++ 2148713	12463 5503891	52457	194958	492802	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 737429	4595 1959395	18009	68535	166321	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	3200 3137813	18166 7991061	76444	282349	735553	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	+++++ 823375	3230 1976772	10184	78725	201295	+++++ 200	1.00 500	5.00	20.0	50.0
DIPE	FB	Ave	+++++ 2786730	16142 7094234	70610	255511	679873	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 1445283	8871 3736206	35214	133048	329250	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Ave	+++++ 282022	1759 772009	6464	22017	63181	+++++ 400	2.00 1000	10.0	40.0	100
2,2-Dichloropropane	FB	Ave	+++++ 244603	1584 657031	5884	22805	55588	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 781557	4668 2129369	18501	68575	173847	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone	BUT	Ave	+++++ 389035	3117 1100531	8911	31973	82709	+++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	Ave	+++++ 137987	778 393733	2799	11589	31466	+++++ 400	2.00 1000	10.0	40.0	100
Bromochloromethane	FB	Ave	+++++ 347758	2151 957320	8185	29451	76185	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	+++++ 186432	1465 493143	4130	15024	40381	+++++ 400	2.00 1000	10.0	40.0	100
Chloroform	FB	Ave	+++++ 1260568	7549 2960341	29461	109209	281181	+++++ 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.: 460-121138-1 Analy Batch No.: 389141

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/08/2016 02:02 Calibration End Date: 09/08/2016 04:26 Calibration ID: 57699

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
Cyclohexane	FB	Ave	+++++ 1481247	5911 3600895	19053	133971	335010	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 1035624	6420 2603740	21882	91674	227369	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 882351	5053 2320449	16119	76402	193721	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 1019517	5493 2646728	19922	85403	222562	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZ d5	Ave	+++++ 2940782	16454 7594322	64032	240734	626058	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++ 2414124	14694 5608290	57540	207849	578757	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 898048	6220 2141873	20859	76895	199695	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 730216	2161 1719950	7793	62963	167818	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd 9	Ave	+++++ 464012	2246 1296619	10955	36635	103490	+++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	+++++ 672291	3812 1910524	14058	55111	140612	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 2319354	7394 6118707	31821	196597	528491	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 1298328	4401 3363374	15240	111293	287592	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 761069	5252 2049877	18010	63564	167558	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 326204	1772 952140	6531	24374	70808	+++++ 400	2.00 1000	10.0	40.0	100
Propyl acetate	FB	Ave	+++++ 1048115	5804 2765508	22684	83692	237445	+++++ 200	1.00 500	5.00	20.0	50.0
p-Dioxane	DXE	Ave	+++++ 135046	1617 348417	2953	11607	30221	+++++ 4000	50.0 10000	100	400	1000
Dibromomethane	FB	Ave	+++++ 416173	2416 1148389	8909	32915	88899	+++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	+++++ 916015	5261 2569038	18991	72754	191966	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 417756	2514 1250207	9258	33102	94804	+++++ 200	1.00 500	5.00	20.0	50.0
Epichlorohydrin	BUT	Ave	2186 1298715	7486 3718381	27607	102112	283788	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 1076624	5828 3191908	21647	84237	226139	+++++ 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.: 460-121138-1 Analy Batch No.: 389141

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/08/2016 02:02 Calibration End Date: 09/08/2016 04:26 Calibration ID: 57699

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
4-Methyl-2-pentanone	BUT	Ave	+++++ 4064004	21849 10585177	85036	325786	869921	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	+++++ 2723751	14870 7854908	55583	216337	565711	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 914084	5107 2738671	19065	71059	194530	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 481013	2739 1419432	10604	38599	100160	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	+++++ 581160	3048 1776981	9821	42683	114030	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	+++++ 951564	5472 2820122	19437	74939	201708	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	+++++ 2370569	14153 6436081	50819	191827	509640	+++++ 1000	5.00 2500	25.0	100	250
Butyl acetate	CBNZ d5	Ave	+++++ 173419	985 497332	4079	13415	38830	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromochloromethane	CBNZ d5	Ave	+++++ 606868	3053 1844482	11332	44819	122932	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromoethane	CBNZ d5	Ave	+++++ 514800	2634 1567752	10547	38284	107059	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	+++++ 1614783	8482 4865104	31844	123904	328138	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	+++++ 947312	4773 2629897	17531	72491	191587	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 668173	3296 1719750	12822	50280	132736	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	+++++ 1192968	6113 3230691	21639	90266	240608	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Ave	+++++ 548761	3310 1600890	12625	43615	124476	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	+++++ 1229343	6171 3347716	23459	94164	246850	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	+++++ 2019033	10235 5248943	38571	150158	404430	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate	DCBd 4	Ave	+++++ 1632583	9536 4104759	39367	133529	373136	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZ d5	Ave	+++++ 395273	2363 1174469	7474	28163	78289	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	+++++ 3342208	15331 8657505	57303	251081	665919	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	+++++ 703203	3417 2078414	13835	53111	140401	+++++ 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.: 460-121138-1 Analy Batch No.: 389141

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/08/2016 02:02 Calibration End Date: 09/08/2016 04:26 Calibration ID: 57699

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
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++ 896578	4620 2352274	18377	69281	187212	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	+++++ 4256592	20276 9615476	77665	330008	866975	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	+++++ 226229	1352 524102	4493	17888	48377	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd 4	Ave	+++++ 2838386	13933 5826454	56172	225532	587063	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++ 2943847	13196 5569803	51504	221089	601625	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Ave	+++++ 1151259	5562 2031500	24549	89272	257401	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	+++++ 2424714	12387 4280993	49212	190259	516523	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 2500678	10041 5791427	37452	173873	475946	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 3048421	13652 6148219	55826	228362	618082	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 3954387	15690 8481163	60463	288607	779539	+++++ 200	1.00 500	5.00	20.0	50.0
p-Isopropyltoluene	DCBd 4	Ave	+++++ 3329407	13004 7172607	53404	242201	653487	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 1588690	6828 3152715	28895	116707	318987	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 1610020	7302 2990407	30225	122042	333103	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	+++++ 1865890	8961 3956123	41166	145923	419085	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	+++++ 1809551	7633 2552452	32653	149900	412357	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	+++++ 1576177	6764 2963958	28263	116956	321945	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++ 152728	708 385798	3277	12362	33059	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 893023	3276 2423329	16010	66198	177284	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 441047	1529 1122255	6533	31689	88202	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	+++++ 2024819	7120 5513896	35376	144666	407683	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 656292	2257 1786353	11207	48361	133214	+++++ 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.: 460-121138-1 Analy Batch No.: 389141

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/08/2016 02:02 Calibration End Date: 09/08/2016 04:26 Calibration ID: 57699

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	161079 163623	161903 175918	142310	142290	150537	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	195975 202246	193883 212904	170055	172067	184257	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	538233 565007	543489 656394	468922	472817	504522	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Bromofluorobenzene	CBNZ d5	Ave	151317 158715	153282 196887	129169	127787	136870	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26266.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 08-Sep-2016 02:02:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0045311-002
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 09-Sep-2016 20:25:21 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: moroneyc Date: 08-Sep-2016 06:10:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.462	3.462	0.000	96	341711	1000.0	1000.0	
32 Acrylonitrile	53	3.712	3.706	0.006	95	3200	2.00	1.99	
* 39 2-Butanone-d5	46	4.431	4.431	0.000	98	381254	250.0	250.0	
$ 53 Dibromofluoromethane (Surr	113	4.821	4.822	-0.001	95	161079	50.0	50.4	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	98	195975	50.0	50.6	
* 64 Fluorobenzene	96	5.309	5.309	0.000	98	603776	50.0	50.0	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	92	26373	1000.0	1000.0	
78 Epichlorohydrin	57	6.419	6.413	0.006	97	2186	5.00	6.48	
$ 81 Toluene-d8 (Surr)	98	6.663	6.663	0.000	98	538233	50.0	51.4	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	90	366924	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	88	151317	50.0	51.6	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	98	222564	50.0	50.0	

Reagents:

14DIOXINTER_00060	Amount Added:	0.00	Units: uL	
MIX I Hi_00062	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00047	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00025	Amount Added:	2.00	Units: uL	
ACROLEIN W_00055	Amount Added:	0.00	Units: uL	
GAS Hi_00164	Amount Added:	0.00	Units: uL	
8260ISNEW_00085	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00140	Amount Added:	1.00	Units: uL	Run Reagent

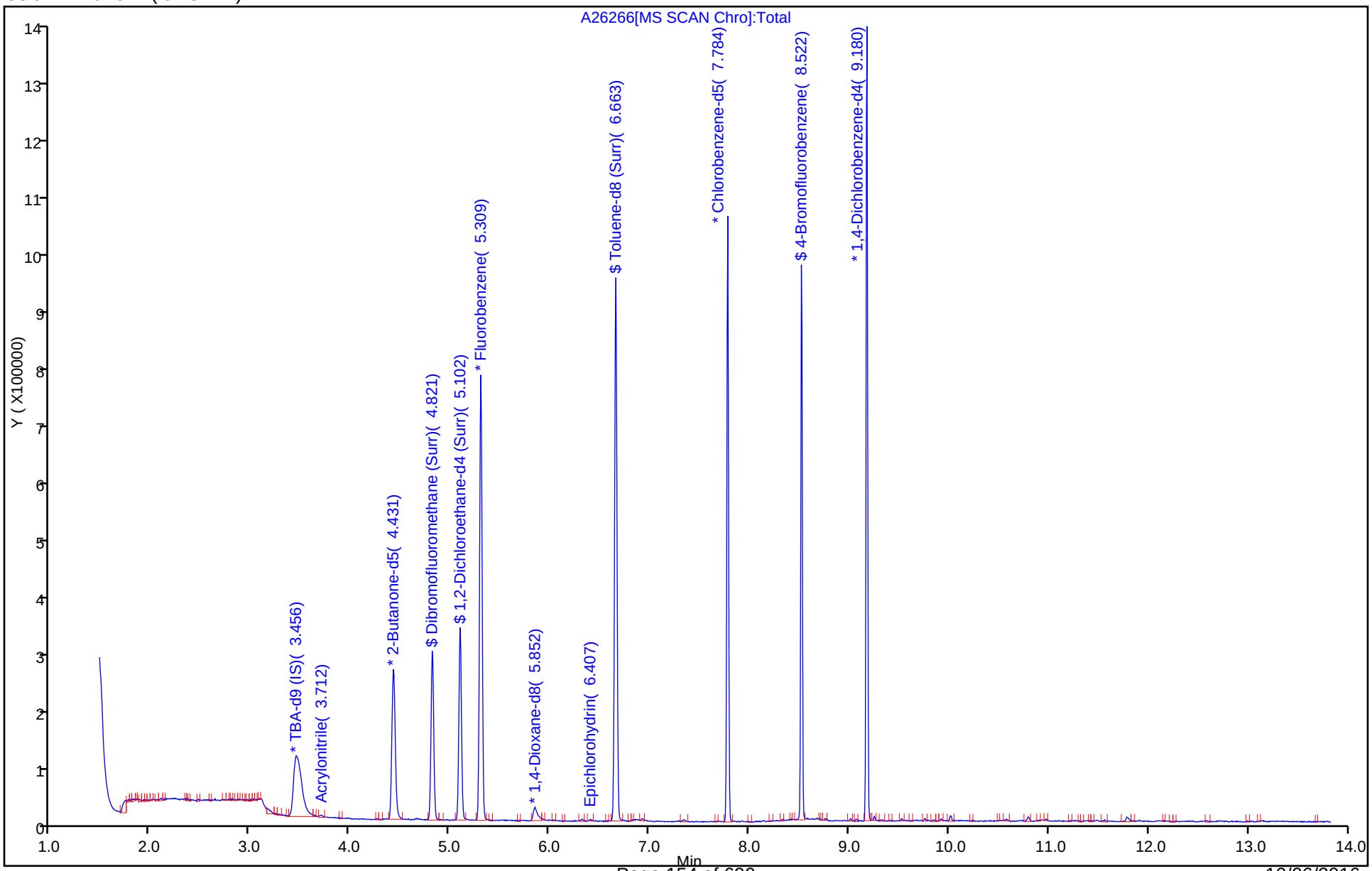
Report Date: 09-Sep-2016 20:25:24 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26266.D

Injection Date:	08-Sep-2016 02:02:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	STD7			Worklist Smp#:	2
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26267.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 08-Sep-2016 02:38:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0045311-003
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 09-Sep-2016 20:25:41 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: moroneyc Date: 08-Sep-2016 06:10:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.645	1.603	0.042	1	898	NC	NC	
3 Dichlorodifluoromethane	85	1.639	1.633	0.006	98	5627	1.00	0.99	
4 Chloromethane	50	1.816	1.810	0.006	99	8306	1.00	1.18	
5 Vinyl chloride	62	1.926	1.914	0.012	97	7521	1.00	1.21	
6 Butadiene	54	1.932	1.914	0.018	83	6690	NC	NC	
7 Bromomethane	94	2.243	2.231	0.012	96	3902	1.00	1.11	M
8 Chloroethane	64	2.322	2.316	0.006	97	4290	1.00	1.26	
9 Dichlorofluoromethane	67	2.535	2.523	0.012	97	9632	NC	NC	M
10 Trichlorofluoromethane	101	2.547	2.529	0.018	56	6980	1.00	1.27	
12 Pentane	72	2.560	2.548	0.012	95	1307	2.00	1.74	
14 Ethanol	46	2.785	2.755	0.030	70	816	40.0	42.4	
13 Ethyl ether	59	2.773	2.767	0.006	91	4327	1.00	1.25	M
15 2-Methyl-1,3-butadiene	53	2.791	2.779	0.012	94	3979	1.00	1.04	
16 1,2-Dichloro-1,1,2-trifluo	117	2.858	2.840	0.018	70	2893	NC	NC	M
11 Acrolein	56	2.962	2.956	0.006	80	3526	4.00	5.64	M
17 1,1,2-Trichloro-1,2,2-trif	101	2.999	2.974	0.025	57	3007	1.00	0.99	
18 1,1-Dichloroethene	96	2.992	2.980	0.012	97	4368	1.00	1.20	M
19 Acetone	43	3.102	3.090	0.012	85	9366	5.00	7.13	
20 Iodomethane	142	3.151	3.145	0.006	99	7255	1.00	1.16	
21 Carbon disulfide	76	3.181	3.176	0.005	99	18285	1.00	1.22	
22 Isopropyl alcohol	45	3.181	3.188	-0.007	53	1618	10.0	7.25	
23 3-Chloro-1-propene	76	3.322	3.316	0.006	91	2927	1.00	1.18	
25 Cyclopentene	67	3.346	3.334	0.012	71	12222	NC	NC	
24 Methyl acetate	43	3.346	3.334	0.012	99	18083	5.00	5.61	
26 Acetonitrile	41	3.407	3.401	0.006	17	8634	10.0	12.8	
27 Methylene Chloride	84	3.456	3.444	0.012	95	5255	1.00	1.20	
* 28 TBA-d9 (IS)	65	3.474	3.462	0.012	96	322362	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.535	3.529	0.006	91	6000	10.0	15.9	
30 Methyl tert-butyl ether	73	3.620	3.615	0.006	96	12463	1.00	1.13	
31 trans-1,2-Dichloroethene	96	3.633	3.627	0.006	97	4595	1.00	1.19	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.712	3.706	0.006	93	18166	10.0	11.3	
33 Hexane	43	3.791	3.773	0.018	95	3230	1.00	0.8869	
34 Isopropyl ether	45	3.986	3.974	0.012	91	16142	1.00	1.11	
35 1,1-Dichloroethane	63	4.004	4.005	-0.001	98	8871	1.00	1.18	
36 Vinyl acetate	86	4.023	4.017	0.006	100	1759	2.00	2.46	
37 2-Chloro-1,3-butadiene	88	4.047	4.041	0.006	92	3525	NC	NC	
38 Tert-butyl ethyl ether	59	4.260	4.261	-0.001	89	13426	NC	NC	
* 39 2-Butanone-d5	46	4.431	4.431	0.000	99	385236	250.0	250.0	
40 2,2-Dichloropropane	97	4.456	4.456	0.000	41	1584	1.00	1.22	M
41 cis-1,2-Dichloroethene	96	4.468	4.462	0.006	91	4668	1.00	1.16	
42 2-Butanone (MEK)	72	4.480	4.480	0.000	95	3117	5.00	7.38	
43 Ethyl acetate	70	4.486	4.480	0.006	60	778	2.00	2.25	M
44 Methyl acrylate	55	4.523	4.523	0.000	49	3708	NC	NC	
45 Propionitrile	54	4.602	4.596	0.006	98	5493	NC	NC	
47 Chlorobromomethane	128	4.651	4.651	0.000	95	2151	1.00	1.21	
46 Tetrahydrofuran	72	4.663	4.657	0.006	57	1465	2.00	2.95	M
48 Methacrylonitrile	67	4.681	4.675	0.006	95	15856	NC	NC	
49 Chloroform	83	4.693	4.694	-0.001	97	7549	1.00	1.20	
50 Cyclohexane	56	4.809	4.803	0.006	31	5911	1.00	0.9181	
52 1,1,1-Trichloroethane	97	4.821	4.815	0.006	36	6420	1.00	1.24	
$ 53 Dibromofluoromethane (Surr	113	4.827	4.822	0.005	96	161903	50.0	50.4	
54 Carbon tetrachloride	117	4.913	4.913	0.000	97	5053	1.00	1.18	
55 1,1-Dichloropropene	75	4.931	4.931	0.000	92	5493	1.00	1.12	
56 Isobutyl alcohol	43	5.029	5.029	0.000	86	4232	NC	NC	
57 Isooctane	57	5.059	5.059	0.000	93	12498	NC	NC	
58 Benzene	78	5.096	5.090	0.006	96	16454	1.00	1.15	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	98	193883	50.0	49.8	
60 Isopropyl acetate	43	5.126	5.126	0.000	93	14694	1.00	1.20	
61 Tert-amyl methyl ether	73	5.132	5.133	0.000	68	13175	NC	NC	
62 1,2-Dichloroethane	62	5.163	5.157	0.006	91	6220	1.00	1.34	
63 n-Heptane	71	5.193	5.200	-0.007	94	2161	1.00	0.7322	
* 64 Fluorobenzene	96	5.309	5.309	0.000	97	607360	50.0	50.0	
65 n-Butanol	56	5.522	5.517	0.005	88	2246	25.0	24.9	
66 Trichloroethene	95	5.577	5.578	-0.001	95	3812	1.00	1.15	
67 Ethyl acrylate	55	5.663	5.669	-0.006	95	7394	1.00	0.7489	
68 Methylcyclohexane	83	5.675	5.681	-0.006	1	4401	1.00	0.8096	M
69 1,2-Dichloropropane	63	5.809	5.809	0.000	87	5252	1.00	1.32	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	92	24440	1000.0	1000.0	
71 Methyl methacrylate	100	5.858	5.852	0.006	93	1772	2.00	2.26	
73 1,4-Dioxane	88	5.900	5.888	0.012	31	1617	50.0	63.1	
72 n-Propyl acetate	43	5.894	5.895	-0.001	97	5804	1.00	1.13	
74 Dibromomethane	93	5.919	5.913	0.006	93	2416	1.00	1.18	
75 Dichlorobromomethane	83	6.035	6.029	0.006	98	5261	1.00	1.18	
76 2-Chloroethyl vinyl ether	63	6.303	6.309	-0.006	79	2514	1.00	1.18	
77 2-Nitropropane	41	6.327	6.321	0.006	82	2559	NC	NC	
78 Epichlorohydrin	57	6.413	6.413	-0.001	98	7486	20.0	22.0	
79 cis-1,3-Dichloropropene	75	6.461	6.455	0.006	92	5828	1.00	1.12	
80 4-Methyl-2-pentanone (MIBK	43	6.589	6.590	-0.001	98	21849	5.00	5.56	
$ 81 Toluene-d8 (Surr)	98	6.662	6.663	-0.001	98	543489	50.0	49.5	
82 Toluene	91	6.723	6.718	0.005	93	14870	1.00	1.13	
83 trans-1,3-Dichloropropene	75	6.955	6.955	0.000	95	5107	1.00	1.14	
84 Ethyl methacrylate	69	6.967	6.968	-0.001	93	5093	NC	NC	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	7.108	7.108	0.000	93	2739	1.00	1.15	
86 Tetrachloroethene	166	7.144	7.144	0.000	96	3048	1.00	1.14	
87 1,3-Dichloropropane	76	7.248	7.242	0.006	93	5472	1.00	1.17	
88 2-Hexanone	43	7.272	7.272	0.000	99	14153	5.00	5.98	
89 n-Butyl acetate	73	7.327	7.327	0.000	96	985	1.00	1.13	
90 Chlorodibromomethane	129	7.388	7.388	0.000	98	3053	1.00	1.08	
91 Ethylene Dibromide	107	7.485	7.486	-0.001	97	2634	1.00	1.07	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	90	384940	50.0	50.0	
93 Chlorobenzene	112	7.802	7.803	-0.001	95	8482	1.00	1.10	
94 Ethylbenzene	106	7.845	7.851	-0.006	99	4773	1.00	1.09	
95 1,1,1,2-Tetrachloroethane	131	7.863	7.858	0.005	94	3296	1.00	1.09	
96 m-Xylene & p-Xylene	106	7.931	7.925	0.005	99	6113	1.00	1.12	
97 n-Butyl acrylate	73	8.144	8.150	-0.006	94	3310	1.00	1.18	
98 o-Xylene	106	8.187	8.187	0.000	92	6171	1.00	1.09	
99 Styrene	104	8.199	8.199	0.000	94	10235	1.00	1.11	
100 Amyl acetate (mixed isomer	43	8.284	8.284	0.000	89	9536	1.00	1.20	
101 Bromoform	173	8.339	8.339	0.000	93	2363	1.00	1.26	
102 Isopropylbenzene	105	8.400	8.400	0.000	96	15331	1.00	1.04	
$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	87	153282	50.0	49.8	
104 Bromobenzene	156	8.619	8.614	0.005	95	3417	1.00	1.07	
105 1,1,2,2-Tetrachloroethane	83	8.619	8.620	-0.001	97	4620	1.00	1.13	
106 N-Propylbenzene	91	8.638	8.638	0.000	98	20276	1.00	1.11	
107 1,2,3-Trichloropropane	110	8.656	8.656	0.000	94	1352	1.00	1.30	
108 trans-1,4-Dichloro-2-buten	53	8.656	8.656	0.000	74	1564	NC	NC	
109 4-Ethyltoluene	105	8.705	8.705	0.000	97	15319	NC	NC	
110 2-Chlorotoluene	91	8.711	8.717	-0.006	96	13933	1.00	1.14	
111 1,3,5-Trimethylbenzene	105	8.741	8.742	-0.001	91	13196	1.00	1.10	
112 Butyl Methacrylate	87	8.778	8.778	0.000	93	5562	1.00	1.12	
113 4-Chlorotoluene	91	8.778	8.778	0.000	96	12387	1.00	1.19	
114 tert-Butylbenzene	119	8.918	8.918	0.000	93	10041	1.00	1.02	
115 1,2,4-Trimethylbenzene	105	8.955	8.955	0.000	98	13652	1.00	1.08	
116 sec-Butylbenzene	105	9.040	9.040	0.000	98	15690	1.00	1.01	
117 4-Isopropyltoluene	119	9.119	9.120	-0.001	97	13004	1.00	0.9883	
118 1,3-Dichlorobenzene	146	9.138	9.138	0.000	95	6828	1.00	1.06	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	98	217696	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.192	9.193	-0.001	91	7302	1.00	1.10	
121 Benzyl chloride	91	9.278	9.278	0.000	97	8961	1.00	1.08	
122 2,3-Dihydroindene	117	9.320	9.327	-0.007	92	15114	NC	NC	
123 p-Diethylbenzene	119	9.339	9.339	0.000	92	8901	NC	NC	
124 n-Butylbenzene	92	9.351	9.357	-0.006	97	7633	1.00	1.04	
125 1,2-Dichlorobenzene	146	9.424	9.418	0.006	94	6764	1.00	1.06	
126 1,2,4,5-Tetramethylbenzene	119	9.826	9.827	-0.001	96	12536	NC	NC	
127 1,2-Dibromo-3-Chloropropan	75	9.924	9.924	0.000	88	708	1.00	1.02	
128 1,3,5-Trichlorobenzene	180	10.022	10.022	0.000	92	3844	NC	NC	
129 1,2,4-Trichlorobenzene	180	10.503	10.503	0.000	92	3276	1.00	0.8777	
130 Hexachlorobutadiene	225	10.570	10.577	-0.007	87	1529	1.00	0.8753	
131 Naphthalene	128	10.729	10.729	0.000	97	7120	1.00	0.8524	
132 1,2,3-Trichlorobenzene	180	10.930	10.936	-0.006	93	2257	1.00	0.8341	
S 133 1,2-Dichloroethene, Total	100				0		2.00	2.35	
S 134 Xylenes, Total	100				0		2.00	2.21	
S 135 Total BTEX	1				0		5.00	5.58	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

14DIOXINTER_00060	Amount Added:	30.00	Units: uL	
MIX I Hi_00062	Amount Added:	1.00	Units: uL	
MIX 2 Hi_00047	Amount Added:	1.00	Units: uL	
ACROLEIN W_00055	Amount Added:	4.00	Units: uL	
GAS Hi_00164	Amount Added:	1.00	Units: uL	
8260ISNEW_00085	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00140	Amount Added:	1.00	Units: uL	Run Reagent

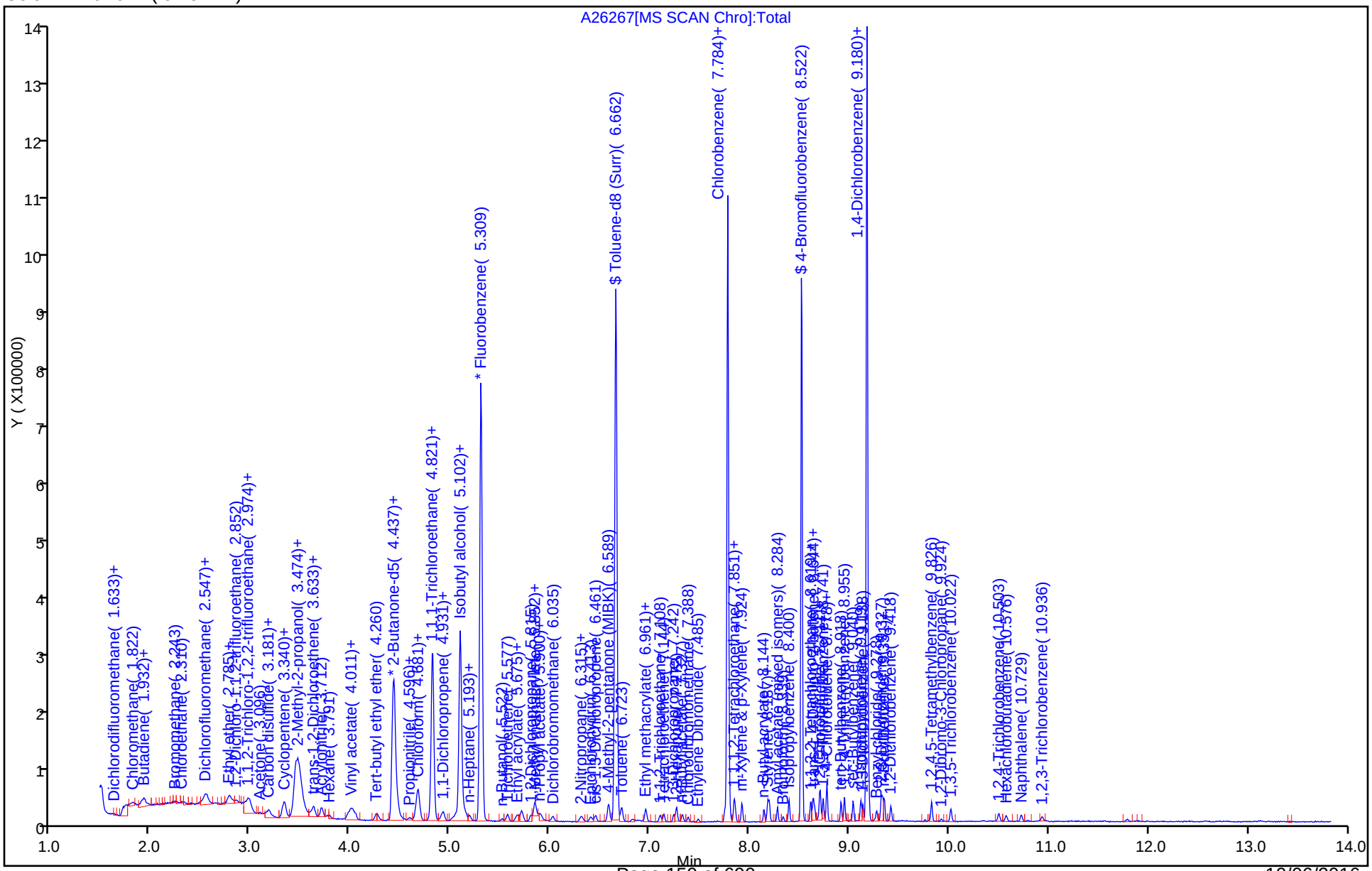
Report Date: 09-Sep-2016 20:25:41 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26267.D

Injection Date:	08-Sep-2016 02:38:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	STD1			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26268.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 08-Sep-2016 03:00:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0045311-004
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 09-Sep-2016 20:25:45 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: moroneyc Date: 08-Sep-2016 06:08:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.603	1.603	0.000	89	3037	NC	NC	
3 Dichlorodifluoromethane	85	1.633	1.633	0.000	99	23882	5.00	4.82	
4 Chloromethane	50	1.810	1.810	0.000	99	33327	5.00	5.45	
5 Vinyl chloride	62	1.920	1.914	0.006	98	27513	5.00	5.09	
6 Butadiene	54	1.926	1.914	0.012	78	23492	NC	NC	
7 Bromomethane	94	2.237	2.231	0.006	98	18132	5.00	5.93	
8 Chloroethane	64	2.316	2.316	0.000	100	16485	5.00	5.57	
9 Dichlorofluoromethane	67	2.529	2.523	0.006	99	42049	NC	NC	
10 Trichlorofluoromethane	101	2.529	2.529	0.000	54	23089	5.00	4.81	
12 Pentane	72	2.547	2.548	-0.001	97	8118	10.0	12.4	
14 Ethanol	46	2.761	2.755	0.006	81	4627	200.0	241.4	
13 Ethyl ether	59	2.767	2.767	0.000	91	17074	5.00	5.65	
15 2-Methyl-1,3-butadiene	53	2.785	2.779	0.006	96	20130	5.00	6.06	
16 1,2-Dichloro-1,1,2-trifluo	117	2.834	2.840	-0.006	70	12554	NC	NC	
11 Acrolein	56	2.956	2.956	0.000	96	11659	20.0	18.7	
17 1,1,2-Trichloro-1,2,2-trif	101	2.980	2.974	0.006	50	9721	5.00	3.68	
18 1,1-Dichloroethene	96	2.986	2.980	0.006	97	17075	5.00	5.38	
19 Acetone	43	3.096	3.090	0.006	86	35574	25.0	31.3	
20 Iodomethane	142	3.145	3.145	0.000	99	30305	5.00	5.55	
21 Carbon disulfide	76	3.181	3.176	0.005	99	67966	5.00	5.22	
22 Isopropyl alcohol	45	3.188	3.188	0.000	6	12514	50.0	56.2	
23 3-Chloro-1-propene	76	3.316	3.316	0.000	92	11523	5.00	5.34	
25 Cyclopentene	67	3.334	3.334	0.000	85	53337	NC	NC	
24 Methyl acetate	43	3.340	3.334	0.006	98	77277	25.0	27.5	
26 Acetonitrile	41	3.407	3.401	0.006	98	32128	50.0	47.8	
27 Methylene Chloride	84	3.444	3.444	0.000	97	21155	5.00	5.56	
* 28 TBA-d9 (IS)	65	3.456	3.462	-0.006	96	321447	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.517	3.529	-0.012	94	18080	50.0	48.0	
30 Methyl tert-butyl ether	73	3.620	3.615	0.006	97	52457	5.00	5.45	
31 trans-1,2-Dichloroethene	96	3.627	3.627	0.000	98	18009	5.00	5.34	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.706	3.706	0.000	93	76444	50.0	54.4	
33 Hexane	43	3.779	3.773	0.006	95	10184	5.00	3.21	
34 Isopropyl ether	45	3.980	3.974	0.006	96	70610	5.00	5.56	
35 1,1-Dichloroethane	63	4.005	4.005	-0.001	99	35214	5.00	5.37	
36 Vinyl acetate	86	4.017	4.017	0.000	100	6464	10.0	10.4	
37 2-Chloro-1,3-butadiene	88	4.047	4.041	0.006	93	15684	NC	NC	
38 Tert-butyl ethyl ether	59	4.261	4.261	0.000	89	58324	NC	NC	
* 39 2-Butanone-d5	46	4.431	4.431	0.000	98	333864	250.0	250.0	
40 2,2-Dichloropropane	97	4.456	4.456	0.000	2	5884	5.00	5.21	M
41 cis-1,2-Dichloroethene	96	4.462	4.462	0.000	90	18501	5.00	5.29	
42 2-Butanone (MEK)	72	4.474	4.480	-0.006	95	8911	25.0	24.3	
43 Ethyl acetate	70	4.480	4.480	0.000	92	2799	10.0	9.34	
44 Methyl acrylate	55	4.523	4.523	0.000	57	13854	NC	NC	
45 Propionitrile	54	4.596	4.596	0.000	99	24857	NC	NC	
47 Chlorobromomethane	128	4.657	4.651	0.006	98	8185	5.00	5.26	
46 Tetrahydrofuran	72	4.657	4.657	0.000	61	4130	10.0	9.61	
48 Methacrylonitrile	67	4.675	4.675	0.000	95	65088	NC	NC	
49 Chloroform	83	4.693	4.694	-0.001	98	29461	5.00	5.35	
50 Cyclohexane	56	4.803	4.803	0.000	96	19053	5.00	3.40	
52 1,1,1-Trichloroethane	97	4.815	4.815	0.000	88	21882	5.00	4.84	
$ 53 Dibromofluoromethane (Surr	113	4.821	4.822	-0.001	95	142310	50.0	50.8	
54 Carbon tetrachloride	117	4.913	4.913	0.000	97	16119	5.00	4.33	
55 1,1-Dichloropropene	75	4.931	4.931	0.000	94	19922	5.00	4.68	
56 Isobutyl alcohol	43	5.035	5.029	0.006	87	17756	NC	NC	
57 Isooctane	57	5.059	5.059	0.000	98	65418	NC	NC	
58 Benzene	78	5.090	5.090	0.000	97	64032	5.00	5.38	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	98	170055	50.0	50.1	
60 Isopropyl acetate	43	5.126	5.126	0.000	95	57540	5.00	5.37	
61 Tert-amyl methyl ether	73	5.132	5.133	0.000	91	58126	NC	NC	
62 1,2-Dichloroethane	62	5.157	5.157	0.000	97	20859	5.00	5.17	
63 n-Heptane	71	5.205	5.200	0.005	96	7793	5.00	3.03	
* 64 Fluorobenzene	96	5.309	5.309	0.000	97	529352	50.0	50.0	
65 n-Butanol	56	5.516	5.517	-0.001	93	10955	125.0	122.0	
66 Trichloroethene	95	5.577	5.578	-0.001	94	14058	5.00	4.89	
67 Ethyl acrylate	55	5.663	5.669	-0.006	98	31821	5.00	3.70	
68 Methylcyclohexane	83	5.681	5.681	0.000	90	15240	5.00	3.22	
69 1,2-Dichloropropane	63	5.809	5.809	0.000	92	18010	5.00	5.19	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	48	24371	1000.0	1000.0	
71 Methyl methacrylate	100	5.852	5.852	0.000	93	6531	10.0	9.54	
73 1,4-Dioxane	88	5.907	5.888	0.019	38	2953	100.0	115.6	
72 n-Propyl acetate	43	5.894	5.895	-0.001	98	22684	5.00	5.07	
74 Dibromomethane	93	5.913	5.913	0.000	94	8909	5.00	5.00	
75 Dichlorobromomethane	83	6.029	6.029	-0.001	99	18991	5.00	4.87	
76 2-Chloroethyl vinyl ether	63	6.309	6.309	0.000	83	9258	5.00	4.99	
77 2-Nitropropane	41	6.315	6.321	-0.006	79	8514	NC	NC	
78 Epichlorohydrin	57	6.406	6.413	-0.007	99	27607	100.0	93.5	
79 cis-1,3-Dichloropropene	75	6.461	6.455	0.006	94	21647	5.00	5.01	
80 4-Methyl-2-pentanone (MIBK	43	6.589	6.590	-0.001	99	85036	25.0	25.0	
$ 81 Toluene-d8 (Surr)	98	6.663	6.663	0.000	98	468922	50.0	51.3	
82 Toluene	91	6.723	6.718	0.005	93	55583	5.00	5.08	
83 trans-1,3-Dichloropropene	75	6.955	6.955	0.000	94	19065	5.00	5.12	
84 Ethyl methacrylate	69	6.967	6.968	-0.001	90	17737	NC	NC	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	7.108	7.108	0.000	94	10604	5.00	5.34	
86 Tetrachloroethene	166	7.144	7.144	0.000	95	9821	5.00	4.42	
87 1,3-Dichloropropane	76	7.242	7.242	0.000	98	19437	5.00	5.00	
88 2-Hexanone	43	7.272	7.272	0.000	98	50819	25.0	24.8	
89 n-Butyl acetate	73	7.327	7.327	0.000	98	4079	5.00	5.63	
90 Chlorodibromomethane	129	7.388	7.388	0.000	97	11332	5.00	4.82	
91 Ethylene Dibromide	107	7.486	7.486	0.000	95	10547	5.00	5.17	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	90	320023	50.0	50.0	
93 Chlorobenzene	112	7.803	7.803	0.000	93	31844	5.00	4.98	
94 Ethylbenzene	106	7.851	7.851	0.000	100	17531	5.00	4.83	
95 1,1,1,2-Tetrachloroethane	131	7.857	7.858	-0.001	94	12822	5.00	5.09	
96 m-Xylene & p-Xylene	106	7.924	7.925	-0.001	98	21639	5.00	4.77	
97 n-Butyl acrylate	73	8.150	8.150	0.000	96	12625	5.00	5.42	
98 o-Xylene	106	8.187	8.187	0.000	92	23459	5.00	4.98	
99 Styrene	104	8.199	8.199	0.000	91	38571	5.00	5.04	
100 Amyl acetate (mixed isomer	43	8.284	8.284	0.000	88	39367	5.00	5.54	
101 Bromoform	173	8.339	8.339	0.000	92	7474	5.00	4.78	
102 Isopropylbenzene	105	8.400	8.400	0.000	97	57303	5.00	4.68	
$ 103 4-Bromofluorobenzene	174	8.522	8.528	-0.006	82	129169	50.0	50.5	
104 Bromobenzene	156	8.613	8.614	-0.001	96	13835	5.00	4.86	
105 1,1,2,2-Tetrachloroethane	83	8.613	8.620	-0.007	97	18377	5.00	5.04	
106 N-Propylbenzene	91	8.638	8.638	0.000	98	77665	5.00	4.78	
107 1,2,3-Trichloropropane	110	8.650	8.656	-0.006	92	4493	5.00	4.83	
108 trans-1,4-Dichloro-2-buten	53	8.656	8.656	0.000	73	5368	NC	NC	
109 4-Ethyltoluene	105	8.705	8.705	0.000	97	68913	NC	NC	
110 2-Chlorotoluene	91	8.711	8.717	-0.006	96	56172	5.00	5.13	
111 1,3,5-Trimethylbenzene	105	8.735	8.742	-0.007	93	51504	5.00	4.82	
112 Butyl Methacrylate	87	8.772	8.778	-0.006	95	24549	5.00	5.54	
113 4-Chlorotoluene	91	8.778	8.778	0.000	98	49212	5.00	5.29	
114 tert-Butylbenzene	119	8.918	8.918	0.000	93	37452	5.00	4.27	
115 1,2,4-Trimethylbenzene	105	8.949	8.955	-0.006	98	55826	5.00	4.97	
116 sec-Butylbenzene	105	9.034	9.040	-0.006	99	60463	5.00	4.35	
117 4-Isopropyltoluene	119	9.113	9.120	-0.007	97	53404	5.00	4.55	
118 1,3-Dichlorobenzene	146	9.132	9.138	-0.006	93	28895	5.00	5.01	
* 119 1,4-Dichlorobenzene-d4	152	9.174	9.180	-0.006	98	194295	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.186	9.193	-0.007	91	30225	5.00	5.09	
121 Benzyl chloride	91	9.272	9.278	-0.006	97	41166	5.00	5.54	
122 2,3-Dihydroindene	117	9.321	9.327	-0.006	93	68369	NC	NC	
123 p-Diethylbenzene	119	9.333	9.339	-0.006	91	41311	NC	NC	
124 n-Butylbenzene	92	9.351	9.357	-0.006	99	32653	5.00	5.00	
125 1,2-Dichlorobenzene	146	9.412	9.418	-0.006	93	28263	5.00	4.97	
126 1,2,4,5-Tetramethylbenzene	119	9.820	9.827	-0.007	96	61024	NC	NC	
127 1,2-Dibromo-3-Chloropropan	75	9.918	9.924	-0.006	90	3277	5.00	5.30	
128 1,3,5-Trichlorobenzene	180	10.016	10.022	-0.006	94	21478	NC	NC	
129 1,2,4-Trichlorobenzene	180	10.497	10.503	-0.006	93	16010	5.00	4.81	
130 Hexachlorobutadiene	225	10.564	10.577	-0.013	89	6533	5.00	4.19	
131 Naphthalene	128	10.717	10.729	-0.012	98	35376	5.00	4.75	
132 1,2,3-Trichlorobenzene	180	10.930	10.936	-0.006	94	11207	5.00	4.64	
S 133 1,2-Dichloroethene, Total	100				0		10.0	10.6	
S 134 Xylenes, Total	100				0		10.0	9.75	
S 135 Total BTEX	1				0		25.0	25.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00055	Amount Added:	4.00	Units: uL	
GAS Hi_00164	Amount Added:	1.00	Units: uL	
MIX 2 Hi_00047	Amount Added:	1.00	Units: uL	
MIX I Hi_00062	Amount Added:	1.00	Units: uL	
8260ISNEW_00085	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00140	Amount Added:	1.00	Units: uL	Run Reagent

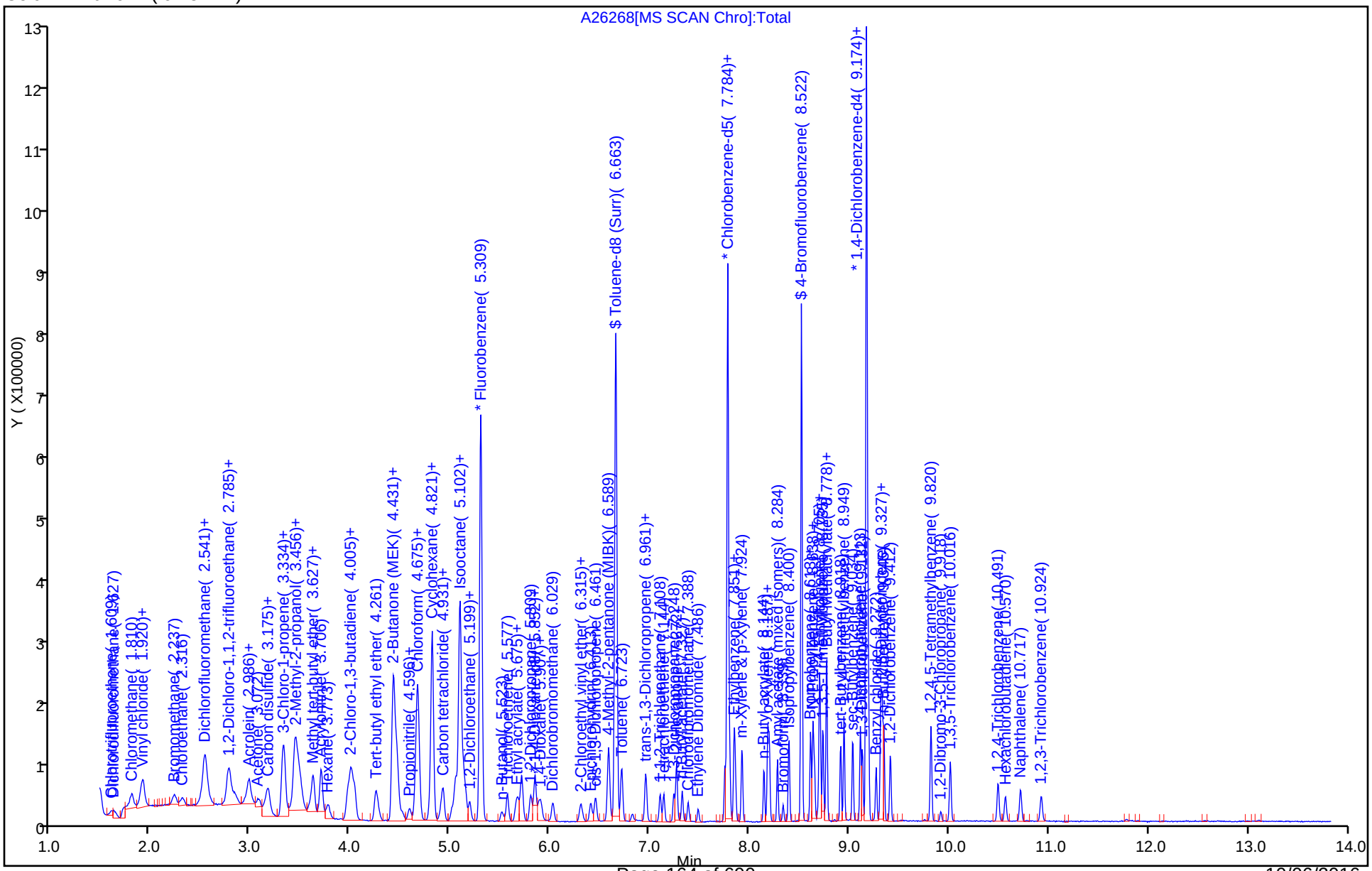
Report Date: 09-Sep-2016 20:25:45 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26268.D

Injection Date:	08-Sep-2016 03:00:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	STD5			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26269.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 08-Sep-2016 03:21:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0045311-005
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 09-Sep-2016 20:25:48 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: moroneyc Date: 08-Sep-2016 05:57:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.603	1.603	0.000	89	17286	NC	NC	
3 Dichlorodifluoromethane	85	1.633	1.633	0.000	99	122059	20.0	24.7	
4 Chloromethane	50	1.810	1.810	0.000	99	134459	20.0	22.1	
5 Vinyl chloride	62	1.914	1.914	0.000	98	119947	20.0	22.3	
6 Butadiene	54	1.914	1.914	0.000	86	111343	NC	NC	
7 Bromomethane	94	2.231	2.231	0.000	99	69240	20.0	22.7	
8 Chloroethane	64	2.316	2.316	0.000	100	66693	20.0	22.6	
9 Dichlorofluoromethane	67	2.523	2.523	0.000	98	157976	NC	NC	
10 Trichlorofluoromethane	101	2.529	2.529	0.000	53	107920	20.0	22.6	
12 Pentane	72	2.548	2.548	0.000	96	28515	40.0	43.8	
14 Ethanol	46	2.755	2.755	0.000	80	12769	800.0	707.9	
13 Ethyl ether	59	2.767	2.767	0.000	95	61162	20.0	20.3	
15 2-Methyl-1,3-butadiene	53	2.779	2.779	0.000	97	68762	20.0	20.8	
16 1,2-Dichloro-1,1,2-trifluo	117	2.840	2.840	0.000	96	54844	NC	NC	
11 Acrolein	56	2.956	2.956	0.000	94	20624	40.0	35.1	
17 1,1,2-Trichloro-1,2,2-trif	101	2.974	2.974	0.000	95	62077	20.0	23.6	
18 1,1-Dichloroethene	96	2.980	2.980	0.000	96	67460	20.0	21.3	
19 Acetone	43	3.090	3.090	0.000	87	120723	100.0	107.4	
20 Iodomethane	142	3.145	3.145	0.000	99	113335	20.0	20.8	
21 Carbon disulfide	76	3.176	3.176	0.000	100	271449	20.0	20.9	
22 Isopropyl alcohol	45	3.188	3.188	0.000	57	43256	200.0	206.5	
23 3-Chloro-1-propene	76	3.316	3.316	0.000	92	44582	20.0	20.7	
25 Cyclopentene	67	3.334	3.334	0.000	78	186878	NC	NC	
24 Methyl acetate	43	3.334	3.334	0.000	99	282064	100.0	100.8	
26 Acetonitrile	41	3.401	3.401	0.000	97	124172	200.0	196.2	
27 Methylene Chloride	84	3.444	3.444	0.000	98	77113	20.0	20.3	
* 28 TBA-d9 (IS)	65	3.462	3.462	0.000	98	302453	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.529	3.529	0.000	53	59533	200.0	168.0	M
30 Methyl tert-butyl ether	73	3.615	3.615	0.000	98	194958	20.0	20.3	
31 trans-1,2-Dichloroethene	96	3.627	3.627	0.000	99	68535	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
32 Acrylonitrile	53	3.706	3.706	0.000	93	282349	200.0	201.5	
33 Hexane	43	3.773	3.773	0.000	94	78725	20.0	24.9	
34 Isopropyl ether	45	3.974	3.974	0.000	98	255511	20.0	20.2	
35 1,1-Dichloroethane	63	4.005	4.005	0.000	99	133048	20.0	20.3	
36 Vinyl acetate	86	4.017	4.017	0.000	100	22017	40.0	35.5	
37 2-Chloro-1,3-butadiene	88	4.041	4.041	0.000	92	57405	NC	NC	
38 Tert-butyl ethyl ether	59	4.261	4.261	0.000	87	211979	NC	NC	
* 39 2-Butanone-d5	46	4.431	4.431	0.000	99	329964	250.0	250.0	
40 2,2-Dichloropropane	97	4.456	4.456	0.000	97	22805	20.0	20.3	
41 cis-1,2-Dichloroethene	96	4.462	4.462	0.000	92	68575	20.0	19.7	
42 2-Butanone (MEK)	72	4.480	4.480	0.000	95	31973	100.0	88.4	
43 Ethyl acetate	70	4.480	4.480	0.000	92	11589	40.0	39.1	
44 Methyl acrylate	55	4.523	4.523	0.000	57	49159	NC	NC	
45 Propionitrile	54	4.596	4.596	0.000	99	88009	NC	NC	
47 Chlorobromomethane	128	4.651	4.651	0.000	96	29451	20.0	19.0	
46 Tetrahydrofuran	72	4.657	4.657	0.000	61	15024	40.0	35.4	
48 Methacrylonitrile	67	4.675	4.675	0.000	95	236972	NC	NC	
49 Chloroform	83	4.694	4.694	0.000	98	109209	20.0	19.9	
50 Cyclohexane	56	4.803	4.803	0.000	96	133971	20.0	24.0	
52 1,1,1-Trichloroethane	97	4.815	4.815	0.000	98	91674	20.0	20.3	
$ 53 Dibromofluoromethane (Surr	113	4.822	4.822	0.000	95	142290	50.0	51.0	
54 Carbon tetrachloride	117	4.913	4.913	0.000	97	76402	20.0	20.6	
55 1,1-Dichloropropene	75	4.931	4.931	0.000	94	85403	20.0	20.1	
56 Isobutyl alcohol	43	5.029	5.029	0.000	92	74541	NC	NC	
57 Isooctane	57	5.059	5.059	0.000	96	239493	NC	NC	
58 Benzene	78	5.090	5.090	0.000	98	240734	20.0	20.2	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	98	172067	50.0	50.9	
60 Isopropyl acetate	43	5.126	5.126	0.000	95	207849	20.0	19.5	
61 Tert-amyl methyl ether	73	5.133	5.133	0.000	94	212618	NC	NC	
62 1,2-Dichloroethane	62	5.157	5.157	0.000	95	76895	20.0	19.1	
63 n-Heptane	71	5.200	5.200	0.000	96	62963	20.0	24.6	
* 64 Fluorobenzene	96	5.309	5.309	0.000	97	527366	50.0	50.0	
65 n-Butanol	56	5.517	5.517	0.000	92	36635	500.0	433.5	
66 Trichloroethene	95	5.578	5.578	0.000	95	55111	20.0	19.2	
67 Ethyl acrylate	55	5.669	5.669	0.000	98	196597	20.0	22.9	
68 Methylcyclohexane	83	5.681	5.681	0.000	95	111293	20.0	23.6	
69 1,2-Dichloropropane	63	5.809	5.809	0.000	93	63564	20.0	18.4	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	37	26661	1000.0	1000.0	
71 Methyl methacrylate	100	5.852	5.852	0.000	93	24374	40.0	35.7	
73 1,4-Dioxane	88	5.888	5.888	0.000	33	11607	400.0	415.5	
72 n-Propyl acetate	43	5.895	5.895	0.000	98	83692	20.0	18.8	
74 Dibromomethane	93	5.913	5.913	0.000	92	32915	20.0	18.5	
75 Dichlorobromomethane	83	6.029	6.029	0.000	98	72754	20.0	18.7	
76 2-Chloroethyl vinyl ether	63	6.309	6.309	0.000	96	33102	20.0	17.9	
77 2-Nitropropane	41	6.321	6.321	0.000	98	27843	NC	NC	
78 Epichlorohydrin	57	6.413	6.413	0.000	98	102112	400.0	349.9	
79 cis-1,3-Dichloropropene	75	6.455	6.455	0.000	94	84237	20.0	19.4	
80 4-Methyl-2-pentanone (MIBK	43	6.590	6.590	0.000	98	325786	100.0	96.8	
$ 81 Toluene-d8 (Surr)	98	6.663	6.663	0.000	98	472817	50.0	51.6	
82 Toluene	91	6.718	6.718	0.000	93	216337	20.0	19.7	
83 trans-1,3-Dichloropropene	75	6.955	6.955	0.000	93	71059	20.0	19.0	
84 Ethyl methacrylate	69	6.968	6.968	0.000	88	67164	NC	NC	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	7.108	7.108	0.000	95	38599	20.0	19.4	
86 Tetrachloroethene	166	7.144	7.144	0.000	94	42683	20.0	19.2	
87 1,3-Dichloropropane	76	7.242	7.242	0.000	97	74939	20.0	19.2	
88 2-Hexanone	43	7.272	7.272	0.000	98	191827	100.0	94.6	
89 n-Butyl acetate	73	7.327	7.327	0.000	98	13415	20.0	18.5	
90 Chlorodibromomethane	129	7.388	7.388	0.000	98	44819	20.0	19.0	
91 Ethylene Dibromide	107	7.486	7.486	0.000	100	38284	20.0	18.7	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	90	320916	50.0	50.0	
93 Chlorobenzene	112	7.803	7.803	0.000	91	123904	20.0	19.3	
94 Ethylbenzene	106	7.851	7.851	0.000	99	72491	20.0	19.9	
95 1,1,1,2-Tetrachloroethane	131	7.858	7.858	0.000	94	50280	20.0	19.9	
96 m-Xylene & p-Xylene	106	7.925	7.925	0.000	99	90266	20.0	19.8	
97 n-Butyl acrylate	73	8.150	8.150	0.000	96	43615	20.0	18.7	
98 o-Xylene	106	8.187	8.187	0.000	93	94164	20.0	19.9	
99 Styrene	104	8.199	8.199	0.000	92	150158	20.0	19.6	
100 Amyl acetate (mixed isomer	43	8.284	8.284	0.000	89	133529	20.0	18.2	
101 Bromoform	173	8.339	8.339	0.000	94	28163	20.0	17.9	
102 Isopropylbenzene	105	8.400	8.400	0.000	97	251081	20.0	20.5	
$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	86	127787	50.0	49.8	
104 Bromobenzene	156	8.614	8.614	0.000	93	53111	20.0	18.1	
105 1,1,2,2-Tetrachloroethane	83	8.620	8.620	0.000	99	69281	20.0	18.4	
106 N-Propylbenzene	91	8.638	8.638	0.000	98	330008	20.0	19.7	
107 1,2,3-Trichloropropane	110	8.656	8.656	0.000	93	17888	20.0	18.7	
108 trans-1,4-Dichloro-2-buten	53	8.656	8.656	0.000	77	19825	NC	NC	
109 4-Ethyltoluene	105	8.705	8.705	0.000	98	254802	NC	NC	
110 2-Chlorotoluene	91	8.717	8.717	0.000	97	225532	20.0	20.0	
111 1,3,5-Trimethylbenzene	105	8.742	8.742	0.000	92	221089	20.0	20.1	
112 Butyl Methacrylate	87	8.778	8.778	0.000	77	89272	20.0	19.5	
113 4-Chlorotoluene	91	8.778	8.778	0.000	96	190259	20.0	19.9	
114 tert-Butylbenzene	119	8.918	8.918	0.000	92	173873	20.0	19.2	
115 1,2,4-Trimethylbenzene	105	8.955	8.955	0.000	98	228362	20.0	19.7	
116 sec-Butylbenzene	105	9.040	9.040	0.000	99	288607	20.0	20.2	
117 4-Isopropyltoluene	119	9.120	9.120	0.000	97	242201	20.0	20.0	
118 1,3-Dichlorobenzene	146	9.138	9.138	0.000	94	116707	20.0	19.6	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	97	200233	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.193	9.193	0.000	91	122042	20.0	20.0	
121 Benzyl chloride	91	9.278	9.278	0.000	97	145923	20.0	19.1	
122 2,3-Dihydroindene	117	9.327	9.327	0.000	92	253574	NC	NC	
123 p-Diethylbenzene	119	9.339	9.339	0.000	91	155600	NC	NC	
124 n-Butylbenzene	92	9.357	9.357	0.000	98	149900	20.0	22.3	
125 1,2-Dichlorobenzene	146	9.418	9.418	0.000	93	116956	20.0	20.0	
126 1,2,4,5-Tetramethylbenzene	119	9.827	9.827	0.000	96	223333	NC	NC	
127 1,2-Dibromo-3-Chloropropan	75	9.924	9.924	0.000	94	12362	20.0	19.4	
128 1,3,5-Trichlorobenzene	180	10.022	10.022	0.000	95	79415	NC	NC	
129 1,2,4-Trichlorobenzene	180	10.503	10.503	0.000	94	66198	20.0	19.3	
130 Hexachlorobutadiene	225	10.577	10.577	0.000	90	31689	20.0	19.7	
131 Naphthalene	128	10.729	10.729	0.000	98	144666	20.0	18.8	
132 1,2,3-Trichlorobenzene	180	10.936	10.936	0.000	95	48361	20.0	19.4	
S 133 1,2-Dichloroethene, Total	100				0		40.0	40.1	
S 134 Xylenes, Total	100				0		40.0	39.8	
S 135 Total BTEX	1				0		100.0	99.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00055	Amount Added:	4.00	Units: uL	
GAS Hi_00164	Amount Added:	2.00	Units: uL	
MIX 2 Hi_00047	Amount Added:	2.00	Units: uL	
MIX I Hi_00062	Amount Added:	2.00	Units: uL	
8260ISNEW_00085	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00140	Amount Added:	1.00	Units: uL	Run Reagent

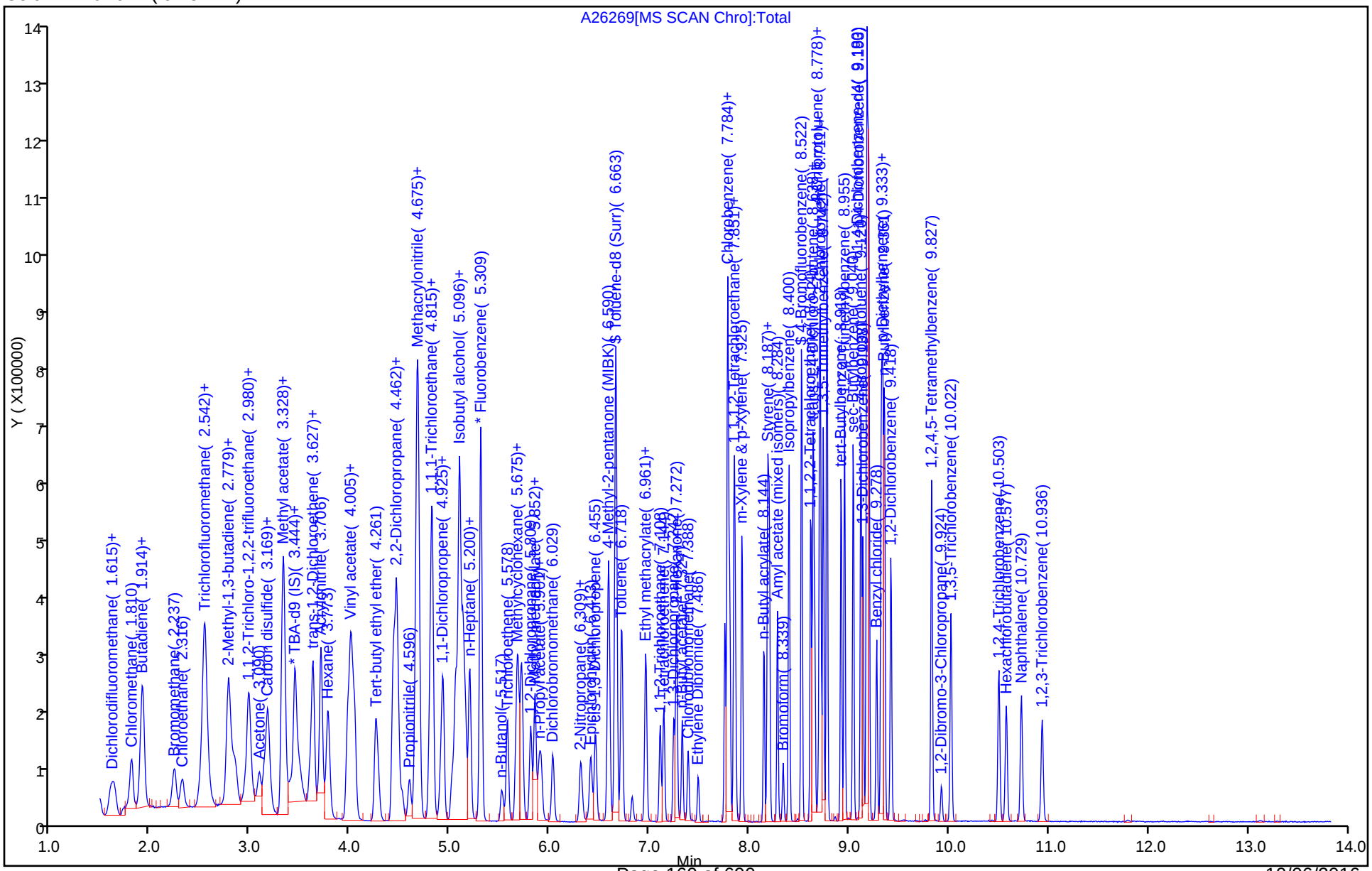
Report Date: 09-Sep-2016 20:25:49 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26269.D

Injection Date:	08-Sep-2016 03:21:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	STD20			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26270.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 08-Sep-2016 03:43:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0045311-006
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 09-Sep-2016 20:25:53 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: moroneyc Date: 08-Sep-2016 05:57:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.615	1.603	0.012	89	41523	NC	NC	
3 Dichlorodifluoromethane	85	1.645	1.633	0.012	100	277170	50.0	52.7	
4 Chloromethane	50	1.822	1.810	0.012	99	301924	50.0	46.5	
5 Vinyl chloride	62	1.932	1.914	0.018	98	273197	50.0	47.6	
6 Butadiene	54	1.932	1.914	0.018	98	259091	NC	NC	
7 Bromomethane	94	2.249	2.231	0.018	99	158543	50.0	48.9	
8 Chloroethane	64	2.328	2.316	0.012	100	150035	50.0	47.7	
9 Dichlorofluoromethane	67	2.535	2.523	0.012	99	354994	NC	NC	
10 Trichlorofluoromethane	101	2.541	2.529	0.012	58	256482	50.0	50.4	
12 Pentane	72	2.560	2.548	0.012	98	74128	100.0	106.8	
14 Ethanol	46	2.785	2.755	0.030	82	34989	2000.0	1896.2	
13 Ethyl ether	59	2.773	2.767	0.006	93	156530	50.0	48.8	
15 2-Methyl-1,3-butadiene	53	2.797	2.779	0.018	96	178546	50.0	50.6	
16 1,2-Dichloro-1,1,2-trifluo	117	2.852	2.840	0.012	97	132717	NC	NC	
11 Acrolein	56	2.962	2.956	0.006	95	53986	100.0	89.9	
17 1,1,2-Trichloro-1,2,2-trif	101	2.993	2.974	0.019	94	156546	50.0	55.8	
18 1,1-Dichloroethene	96	2.999	2.980	0.019	97	162441	50.0	48.2	
19 Acetone	43	3.096	3.090	0.006	87	242917	250.0	199.9	
20 Iodomethane	142	3.157	3.145	0.012	99	272789	50.0	47.0	
21 Carbon disulfide	76	3.182	3.176	0.006	100	653873	50.0	47.3	
22 Isopropyl alcohol	45	3.200	3.188	0.012	58	113250	500.0	528.4	
23 3-Chloro-1-propene	76	3.328	3.316	0.012	91	108024	50.0	47.2	
25 Cyclopentene	67	3.340	3.334	0.006	73	492762	NC	NC	
24 Methyl acetate	43	3.340	3.334	0.006	98	745239	250.0	249.8	
26 Acetonitrile	41	3.407	3.401	0.006	96	307761	500.0	475.4	
27 Methylene Chloride	84	3.456	3.444	0.012	98	190450	50.0	47.1	
* 28 TBA-d9 (IS)	65	3.468	3.462	0.006	95	309400	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.541	3.529	0.012	95	153158	500.0	422.5	
30 Methyl tert-butyl ether	73	3.620	3.615	0.006	98	492802	50.0	48.2	
31 trans-1,2-Dichloroethene	96	3.633	3.627	0.006	99	166321	50.0	46.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.712	3.706	0.006	93	735553	500.0	492.5	
33 Hexane	43	3.785	3.773	0.012	95	201295	50.0	59.7	
34 Isopropyl ether	45	3.986	3.974	0.012	96	679873	50.0	50.4	
35 1,1-Dichloroethane	63	4.011	4.005	0.006	99	329250	50.0	47.2	
36 Vinyl acetate	86	4.023	4.017	0.006	100	63181	100.0	95.5	
37 2-Chloro-1,3-butadiene	88	4.053	4.041	0.012	92	152618	NC	NC	
38 Tert-butyl ethyl ether	59	4.267	4.261	0.006	88	567874	NC	NC	
* 39 2-Butanone-d5	46	4.437	4.431	0.006	94	356619	250.0	250.0	
40 2,2-Dichloropropane	97	4.462	4.456	0.006	94	55588	50.0	46.4	
41 cis-1,2-Dichloroethene	96	4.468	4.462	0.006	91	173847	50.0	46.8	
42 2-Butanone (MEK)	72	4.486	4.480	0.006	95	82709	250.0	211.5	
43 Ethyl acetate	70	4.486	4.480	0.006	95	31466	100.0	98.3	
44 Methyl acrylate	55	4.529	4.523	0.006	57	147455	NC	NC	
45 Propionitrile	54	4.602	4.596	0.006	98	246956	NC	NC	
47 Chlorobromomethane	128	4.657	4.651	0.006	98	76185	50.0	46.1	
46 Tetrahydrofuran	72	4.663	4.657	0.006	65	40381	100.0	88.0	
48 Methacrylonitrile	67	4.681	4.675	0.006	95	677621	NC	NC	
49 Chloroform	83	4.700	4.694	0.006	98	281181	50.0	48.1	
50 Cyclohexane	56	4.809	4.803	0.006	96	335010	50.0	56.2	
52 1,1,1-Trichloroethane	97	4.821	4.815	0.006	98	227369	50.0	47.3	
$ 53 Dibromofluoromethane (Surr	113	4.828	4.822	0.006	95	150537	50.0	50.6	
54 Carbon tetrachloride	117	4.919	4.913	0.006	98	193721	50.0	49.0	
55 1,1-Dichloropropene	75	4.937	4.931	0.006	95	222562	50.0	49.2	
56 Isobutyl alcohol	43	5.029	5.029	0.000	94	176914	NC	NC	
57 Isooctane	57	5.065	5.059	0.006	98	631891	NC	NC	
58 Benzene	78	5.096	5.090	0.006	98	626058	50.0	47.9	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	95	184257	50.0	51.1	
60 Isopropyl acetate	43	5.132	5.126	0.006	96	578757	50.0	50.9	
61 Tert-amyl methyl ether	73	5.138	5.133	0.006	92	591221	NC	NC	
62 1,2-Dichloroethane	62	5.163	5.157	0.006	95	199695	50.0	46.6	
63 n-Heptane	71	5.199	5.200	-0.001	96	167818	50.0	61.4	
* 64 Fluorobenzene	96	5.315	5.309	0.006	97	562185	50.0	50.0	
65 n-Butanol	56	5.523	5.517	0.006	91	103490	1250.0	1197.0	
66 Trichloroethene	95	5.577	5.578	-0.001	95	140612	50.0	46.0	
67 Ethyl acrylate	55	5.669	5.669	0.000	98	528491	50.0	57.8	
68 Methylcyclohexane	83	5.681	5.681	0.000	93	287592	50.0	57.2	
69 1,2-Dichloropropane	63	5.815	5.809	0.006	93	167558	50.0	45.5	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	33	27197	1000.0	1000.0	
71 Methyl methacrylate	100	5.858	5.852	0.006	93	70808	100.0	97.4	
73 1,4-Dioxane	88	5.900	5.888	0.012	37	30221	1000.0	1060.5	
72 n-Propyl acetate	43	5.894	5.895	-0.001	98	237445	50.0	50.0	
74 Dibromomethane	93	5.919	5.913	0.006	93	88899	50.0	46.9	
75 Dichlorobromomethane	83	6.035	6.029	0.006	99	191966	50.0	46.4	
76 2-Chloroethyl vinyl ether	63	6.309	6.309	0.000	97	94804	50.0	48.1	
77 2-Nitropropane	41	6.321	6.321	0.000	98	78938	NC	NC	
78 Epichlorohydrin	57	6.413	6.413	0.000	100	283788	1000.0	899.9	
79 cis-1,3-Dichloropropene	75	6.461	6.455	0.006	94	226139	50.0	47.7	
80 4-Methyl-2-pentanone (MIBK	43	6.589	6.590	-0.001	98	869921	250.0	239.2	
$ 81 Toluene-d8 (Surr)	98	6.663	6.663	0.000	98	504522	50.0	50.3	
82 Toluene	91	6.724	6.718	0.006	93	565711	50.0	47.1	
83 trans-1,3-Dichloropropene	75	6.961	6.955	0.006	98	194530	50.0	47.6	
84 Ethyl methacrylate	69	6.967	6.968	-0.001	93	182660	NC	NC	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	7.108	7.108	0.000	96	100160	50.0	46.0	
86 Tetrachloroethene	166	7.144	7.144	0.000	94	114030	50.0	46.8	
87 1,3-Dichloropropane	76	7.248	7.242	0.006	96	201708	50.0	47.3	
88 2-Hexanone	43	7.272	7.272	0.000	99	509640	250.0	232.5	
89 n-Butyl acetate	73	7.327	7.327	0.000	98	38830	50.0	48.8	
90 Chlorodibromomethane	129	7.388	7.388	0.000	98	122932	50.0	47.7	
91 Ethylene Dibromide	107	7.492	7.486	0.006	98	107059	50.0	47.8	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	88	351316	50.0	50.0	
93 Chlorobenzene	112	7.803	7.803	0.000	90	328138	50.0	46.8	
94 Ethylbenzene	106	7.851	7.851	0.000	99	191587	50.0	48.1	
95 1,1,1,2-Tetrachloroethane	131	7.864	7.858	0.006	95	132736	50.0	48.0	
96 m-Xylene & p-Xylene	106	7.931	7.925	0.006	99	240608	50.0	48.3	
97 n-Butyl acrylate	73	8.150	8.150	0.000	96	124476	50.0	48.6	
98 o-Xylene	106	8.187	8.187	0.000	93	246850	50.0	47.7	
99 Styrene	104	8.205	8.199	0.006	93	404430	50.0	48.1	
100 Amyl acetate (mixed isomer	43	8.284	8.284	0.000	89	373136	50.0	46.9	
101 Bromoform	173	8.339	8.339	0.000	94	78289	50.0	45.6	
102 Isopropylbenzene	105	8.400	8.400	0.000	96	665919	50.0	49.6	
$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	87	136870	50.0	48.8	
104 Bromobenzene	156	8.613	8.614	-0.001	93	140401	50.0	44.0	
105 1,1,2,2-Tetrachloroethane	83	8.619	8.620	-0.001	99	187212	50.0	45.8	
106 N-Propylbenzene	91	8.638	8.638	0.000	98	866975	50.0	47.6	
107 1,2,3-Trichloropropane	110	8.656	8.656	0.000	94	48377	50.0	46.4	
108 trans-1,4-Dichloro-2-buten	53	8.656	8.656	0.000	74	53898	NC	NC	
109 4-Ethyltoluene	105	8.705	8.705	0.000	98	721811	NC	NC	
110 2-Chlorotoluene	91	8.711	8.717	-0.006	96	587063	50.0	47.9	
111 1,3,5-Trimethylbenzene	105	8.741	8.742	-0.001	92	601625	50.0	50.3	
112 Butyl Methacrylate	87	8.778	8.778	0.000	96	257401	50.0	51.8	
113 4-Chlorotoluene	91	8.778	8.778	0.000	99	516523	50.0	49.6	
114 tert-Butylbenzene	119	8.918	8.918	0.000	93	475946	50.0	48.4	
115 1,2,4-Trimethylbenzene	105	8.949	8.955	-0.006	98	618082	50.0	49.1	
116 sec-Butylbenzene	105	9.040	9.040	0.000	99	779539	50.0	50.1	
117 4-Isopropyltoluene	119	9.113	9.120	-0.007	97	653487	50.0	49.7	
118 1,3-Dichlorobenzene	146	9.138	9.138	0.000	95	318987	50.0	49.4	
* 119 1,4-Dichlorobenzene-d4	152	9.174	9.180	-0.006	96	217588	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.193	9.193	0.000	92	333103	50.0	50.1	
121 Benzyl chloride	91	9.272	9.278	-0.006	98	419085	50.0	50.4	
122 2,3-Dihydroindene	117	9.321	9.327	-0.006	94	720970	NC	NC	
123 p-Diethylbenzene	119	9.333	9.339	-0.006	92	449707	NC	NC	
124 n-Butylbenzene	92	9.351	9.357	-0.006	98	412357	50.0	56.4	
125 1,2-Dichlorobenzene	146	9.418	9.418	0.000	95	321945	50.0	50.6	
126 1,2,4,5-Tetramethylbenzene	119	9.820	9.827	-0.007	97	635671	NC	NC	
127 1,2-Dibromo-3-Chloropropan	75	9.918	9.924	-0.006	94	33059	50.0	47.8	
128 1,3,5-Trichlorobenzene	180	10.016	10.022	-0.006	95	224682	NC	NC	
129 1,2,4-Trichlorobenzene	180	10.497	10.503	-0.006	94	177284	50.0	47.5	
130 Hexachlorobutadiene	225	10.570	10.577	-0.007	91	88202	50.0	50.5	
131 Naphthalene	128	10.723	10.729	-0.006	98	407683	50.0	48.8	
132 1,2,3-Trichlorobenzene	180	10.930	10.936	-0.006	94	133214	50.0	49.3	
S 133 1,2-Dichloroethene, Total	100				0		100.0	93.2	
S 134 Xylenes, Total	100				0		100.0	96.0	
S 135 Total BTEX	1				0		250.0	239.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ACROLEIN W_00055	Amount Added:	10.00	Units: uL	
GAS Hi_00164	Amount Added:	5.00	Units: uL	
MIX 2 Hi_00047	Amount Added:	5.00	Units: uL	
MIX I Hi_00062	Amount Added:	5.00	Units: uL	
8260ISNEW_00085	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00140	Amount Added:	1.00	Units: uL	Run Reagent

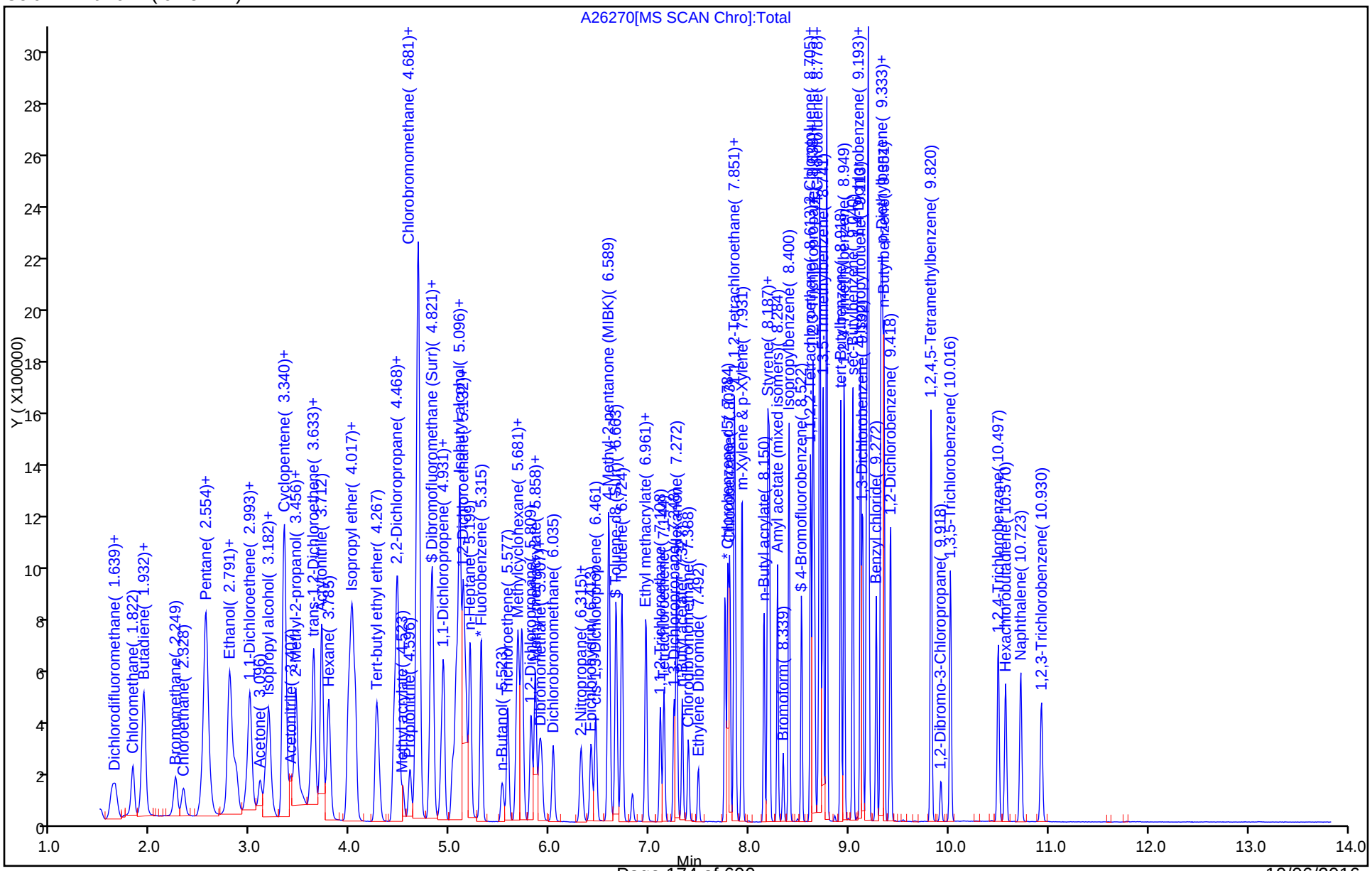
Report Date: 09-Sep-2016 20:25:53 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26270.D

Injection Date:	08-Sep-2016 03:43:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	STD50			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26271.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 08-Sep-2016 04:04:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0045311-007
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 09-Sep-2016 20:25:56 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: moroneyc Date: 08-Sep-2016 06:02:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.602	1.603	-0.001	89	173760	NC	NC	
3 Dichlorodifluoromethane	85	1.633	1.633	0.000	99	1261875	200.0	214.7	
4 Chloromethane	50	1.816	1.810	0.006	100	1327582	200.0	182.8	
5 Vinyl chloride	62	1.919	1.914	0.005	98	1218439	200.0	189.9	
6 Butadiene	54	1.925	1.914	0.011	96	1145762	NC	NC	
7 Bromomethane	94	2.242	2.231	0.011	100	654877	200.0	180.6	
8 Chloroethane	64	2.322	2.316	0.006	100	617725	200.0	175.9	
9 Dichlorofluoromethane	67	2.529	2.523	0.006	99	1522129	NC	NC	
10 Trichlorofluoromethane	101	2.535	2.529	0.006	99	1097487	200.0	192.8	
12 Pentane	72	2.547	2.548	-0.001	96	294026	400.0	378.9	
14 Ethanol	46	2.767	2.755	0.012	80	152693	8000.0	7855.5	
13 Ethyl ether	59	2.761	2.767	-0.006	94	620733	200.0	173.1	
15 2-Methyl-1,3-butadiene	53	2.785	2.779	0.006	97	725480	200.0	184.0	
16 1,2-Dichloro-1,1,2-trifluo	117	2.846	2.840	0.006	96	553816	NC	NC	
11 Acrolein	56	2.956	2.956	0.000	94	103478	200.0	163.6	
17 1,1,2-Trichloro-1,2,2-trif	101	2.974	2.974	0.000	95	661253	200.0	210.9	
18 1,1-Dichloroethene	96	2.986	2.980	0.006	97	676131	200.0	179.6	
19 Acetone	43	3.084	3.090	-0.006	87	969846	1000.0	732.9	
20 Iodomethane	142	3.145	3.145	0.000	98	1189318	200.0	183.4	
21 Carbon disulfide	76	3.175	3.176	-0.001	99	2837249	200.0	183.7	
22 Isopropyl alcohol	45	3.187	3.188	-0.001	57	448624	2000.0	1987.2	
23 3-Chloro-1-propene	76	3.315	3.316	-0.001	92	472325	200.0	184.5	
25 Cyclopentene	67	3.334	3.334	0.000	89	2100049	NC	NC	
24 Methyl acetate	43	3.334	3.334	0.000	99	3116277	1000.0	934.8	
26 Acetonitrile	41	3.395	3.401	-0.006	96	1168231	2000.0	1712.9	
27 Methylene Chloride	84	3.450	3.444	0.006	98	811410	200.0	179.5	
* 28 TBA-d9 (IS)	65	3.474	3.462	0.012	19	325925	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.541	3.529	0.012	92	661620	2000.0	1732.7	
30 Methyl tert-butyl ether	73	3.614	3.615	0.000	98	2148713	200.0	188.0	
31 trans-1,2-Dichloroethene	96	3.626	3.627	-0.001	99	737429	200.0	184.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.706	3.706	0.000	93	3137813	2000.0	1879.8	
33 Hexane	43	3.779	3.773	0.006	95	823375	200.0	218.6	
34 Isopropyl ether	45	3.980	3.974	0.006	97	2786730	200.0	184.7	
35 1,1-Dichloroethane	63	4.004	4.005	-0.001	99	1445283	200.0	185.5	
36 Vinyl acetate	86	4.023	4.017	0.006	100	282022	400.0	381.5	
37 2-Chloro-1,3-butadiene	88	4.047	4.041	0.006	92	670245	NC	NC	
38 Tert-butyl ethyl ether	59	4.266	4.261	0.005	88	2359512	NC	NC	
* 39 2-Butanone-d5	46	4.437	4.431	0.006	96	388307	250.0	250.0	
40 2,2-Dichloropropane	97	4.455	4.456	-0.001	94	244603	200.0	182.6	
41 cis-1,2-Dichloroethene	96	4.462	4.462	0.000	92	781557	200.0	188.2	
42 2-Butanone (MEK)	72	4.480	4.480	0.000	95	389035	1000.0	913.8	
43 Ethyl acetate	70	4.480	4.480	0.000	94	137987	400.0	395.9	
44 Methyl acrylate	55	4.523	4.523	0.000	98	638034	NC	NC	
45 Propionitrile	54	4.596	4.596	0.000	99	1040337	NC	NC	
47 Chlorobromomethane	128	4.657	4.651	0.006	98	347758	200.0	188.3	
46 Tetrahydrofuran	72	4.651	4.657	-0.006	66	186432	400.0	373.0	
48 Methacrylonitrile	67	4.681	4.675	0.006	95	2994276	NC	NC	
49 Chloroform	83	4.693	4.694	-0.001	99	1260568	200.0	193.0	
50 Cyclohexane	56	4.809	4.803	0.006	95	1481247	200.0	222.4	
52 1,1,1-Trichloroethane	97	4.821	4.815	0.006	98	1035624	200.0	192.9	
$ 53 Dibromofluoromethane (Surr	113	4.821	4.822	-0.001	44	163623	50.0	49.2	
54 Carbon tetrachloride	117	4.913	4.913	0.000	98	882351	200.0	199.8	
55 1,1-Dichloropropene	75	4.931	4.931	0.000	96	1019517	200.0	201.8	
56 Isobutyl alcohol	43	5.029	5.029	0.000	94	889375	NC	NC	
57 Isooctane	57	5.065	5.059	0.006	97	2726728	NC	NC	
58 Benzene	78	5.096	5.090	0.006	98	2940782	200.0	196.4	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	95	202246	50.0	50.2	
60 Isopropyl acetate	43	5.126	5.126	0.000	96	2414124	200.0	189.9	
61 Tert-amyl methyl ether	73	5.138	5.133	0.006	94	2549502	NC	NC	
62 1,2-Dichloroethane	62	5.163	5.157	0.006	96	898048	200.0	187.4	
63 n-Heptane	71	5.199	5.200	-0.001	94	730216	200.0	239.2	
* 64 Fluorobenzene	96	5.309	5.309	0.000	97	628303	50.0	50.0	
65 n-Butanol	56	5.522	5.517	0.005	90	464012	5000.0	5094.9	
66 Trichloroethene	95	5.577	5.578	-0.001	97	672291	200.0	196.9	
67 Ethyl acrylate	55	5.669	5.669	0.000	98	2319354	200.0	227.1	
68 Methylcyclohexane	83	5.681	5.681	0.000	93	1298328	200.0	230.9	
69 1,2-Dichloropropane	63	5.809	5.809	0.000	94	761069	200.0	184.8	
* 70 1,4-Dioxane-d8	96	5.858	5.852	0.006	34	37221	1000.0	1000.0	
71 Methyl methacrylate	100	5.858	5.852	0.006	92	326204	400.0	401.3	
73 1,4-Dioxane	88	5.900	5.888	0.012	57	135046	4000.0	3462.6	
72 n-Propyl acetate	43	5.894	5.895	-0.001	99	1048115	200.0	197.3	
74 Dibromomethane	93	5.919	5.913	0.006	95	416173	200.0	196.6	
75 Dichlorobromomethane	83	6.034	6.029	0.005	99	916015	200.0	198.0	
76 2-Chloroethyl vinyl ether	63	6.309	6.309	0.000	98	417756	200.0	189.6	
77 2-Nitropropane	41	6.321	6.321	0.000	97	337958	NC	NC	
78 Epichlorohydrin	57	6.412	6.413	-0.001	99	1298715	4000.0	3782.1	
79 cis-1,3-Dichloropropene	75	6.461	6.455	0.006	94	1076624	200.0	198.2	
80 4-Methyl-2-pentanone (MIBK	43	6.589	6.590	-0.001	98	4064004	1000.0	1026.3	
$ 81 Toluene-d8 (Surr)	98	6.662	6.663	-0.001	99	565007	50.0	49.2	
82 Toluene	91	6.723	6.718	0.005	93	2723751	200.0	198.1	
83 trans-1,3-Dichloropropene	75	6.961	6.955	0.006	98	914084	200.0	195.3	
84 Ethyl methacrylate	69	6.967	6.968	-0.001	89	849886	NC	NC	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	7.107	7.108	-0.001	97	481013	200.0	192.9	
86 Tetrachloroethene	166	7.144	7.144	0.000	96	581160	200.0	208.2	
87 1,3-Dichloropropane	76	7.248	7.242	0.006	97	951564	200.0	195.0	
88 2-Hexanone	43	7.272	7.272	0.000	98	2370569	1000.0	993.1	
89 n-Butyl acetate	73	7.327	7.327	0.000	98	173419	200.0	190.4	
90 Chlorodibromomethane	129	7.388	7.388	0.000	98	606868	200.0	205.6	
91 Ethylene Dibromide	107	7.491	7.486	0.005	98	514800	200.0	200.7	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	85	402179	50.0	50.0	
93 Chlorobenzene	112	7.802	7.803	-0.001	92	1614783	200.0	201.1	
94 Ethylbenzene	106	7.851	7.851	0.000	99	947312	200.0	207.8	
95 1,1,1,2-Tetrachloroethane	131	7.863	7.858	0.005	96	668173	200.0	210.9	
96 m-Xylene & p-Xylene	106	7.930	7.925	0.005	99	1192968	200.0	209.1	
97 n-Butyl acrylate	73	8.150	8.150	0.000	96	548761	200.0	187.3	
98 o-Xylene	106	8.186	8.187	-0.001	93	1229343	200.0	207.7	
99 Styrene	104	8.205	8.199	0.006	94	2019033	200.0	209.8	
100 Amyl acetate (mixed isomer	43	8.284	8.284	0.000	89	1632583	200.0	174.2	
101 Bromoform	173	8.339	8.339	0.000	95	395273	200.0	201.0	
102 Isopropylbenzene	105	8.400	8.400	0.000	96	3342208	200.0	217.3	
$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	88	158715	50.0	49.4	
104 Bromobenzene	156	8.613	8.614	-0.001	95	703203	200.0	187.4	
105 1,1,2,2-Tetrachloroethane	83	8.619	8.620	-0.001	99	896578	200.0	186.5	
106 N-Propylbenzene	91	8.638	8.638	0.000	98	4256592	200.0	198.7	
107 1,2,3-Trichloropropane	110	8.656	8.656	0.000	94	226229	200.0	184.5	
108 trans-1,4-Dichloro-2-buten	53	8.656	8.656	0.000	77	244869	NC	NC	
109 4-Ethyltoluene	105	8.705	8.705	0.000	98	3482121	NC	NC	
110 2-Chlorotoluene	91	8.711	8.717	-0.006	96	2838386	200.0	196.6	
111 1,3,5-Trimethylbenzene	105	8.741	8.742	-0.001	92	2943847	200.0	208.9	
112 Butyl Methacrylate	87	8.778	8.778	0.000	91	1151259	200.0	197.0	
113 4-Chlorotoluene	91	8.778	8.778	0.000	98	2424714	200.0	197.8	
114 tert-Butylbenzene	119	8.918	8.918	0.000	94	2500678	200.0	216.1	
115 1,2,4-Trimethylbenzene	105	8.955	8.955	0.000	97	3048421	200.0	205.8	
116 sec-Butylbenzene	105	9.040	9.040	0.000	99	3954387	200.0	215.9	
117 4-Isopropyltoluene	119	9.113	9.120	-0.007	98	3329407	200.0	215.1	
118 1,3-Dichlorobenzene	146	9.137	9.138	-0.001	96	1588690	200.0	209.1	
* 119 1,4-Dichlorobenzene-d4	152	9.174	9.180	-0.006	95	256138	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.192	9.193	-0.001	93	1610020	200.0	205.9	
121 Benzyl chloride	91	9.272	9.278	-0.006	98	1865890	200.0	190.6	
122 2,3-Dihydroindene	117	9.320	9.327	-0.007	94	3325888	NC	NC	
123 p-Diethylbenzene	119	9.333	9.339	-0.006	93	2073125	NC	NC	
124 n-Butylbenzene	92	9.351	9.357	-0.006	98	1809551	200.0	210.3	
125 1,2-Dichlorobenzene	146	9.418	9.418	0.000	96	1576177	200.0	210.4	
126 1,2,4,5-Tetramethylbenzene	119	9.826	9.827	-0.001	97	3084846	NC	NC	
127 1,2-Dibromo-3-Chloropropan	75	9.918	9.924	-0.006	97	152728	200.0	187.4	
128 1,3,5-Trichlorobenzene	180	10.015	10.022	-0.007	97	1126658	NC	NC	
129 1,2,4-Trichlorobenzene	180	10.497	10.503	-0.006	94	893023	200.0	203.4	
130 Hexachlorobutadiene	225	10.570	10.577	-0.007	92	441047	200.0	214.6	
131 Naphthalene	128	10.723	10.729	-0.006	99	2024819	200.0	206.0	
132 1,2,3-Trichlorobenzene	180	10.930	10.936	-0.006	95	656292	200.0	206.1	
S 133 1,2-Dichloroethene, Total	100				0		400.0	372.4	
S 134 Xylenes, Total	100				0		400.0	416.7	
S 135 Total BTEX	1				0		1000.0	1019.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ACROLEIN W_00055	Amount Added:	20.00	Units: uL	
GAS Hi_00164	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00047	Amount Added:	20.00	Units: uL	
MIX I Hi_00062	Amount Added:	20.00	Units: uL	
8260ISNEW_00085	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00140	Amount Added:	1.00	Units: uL	Run Reagent

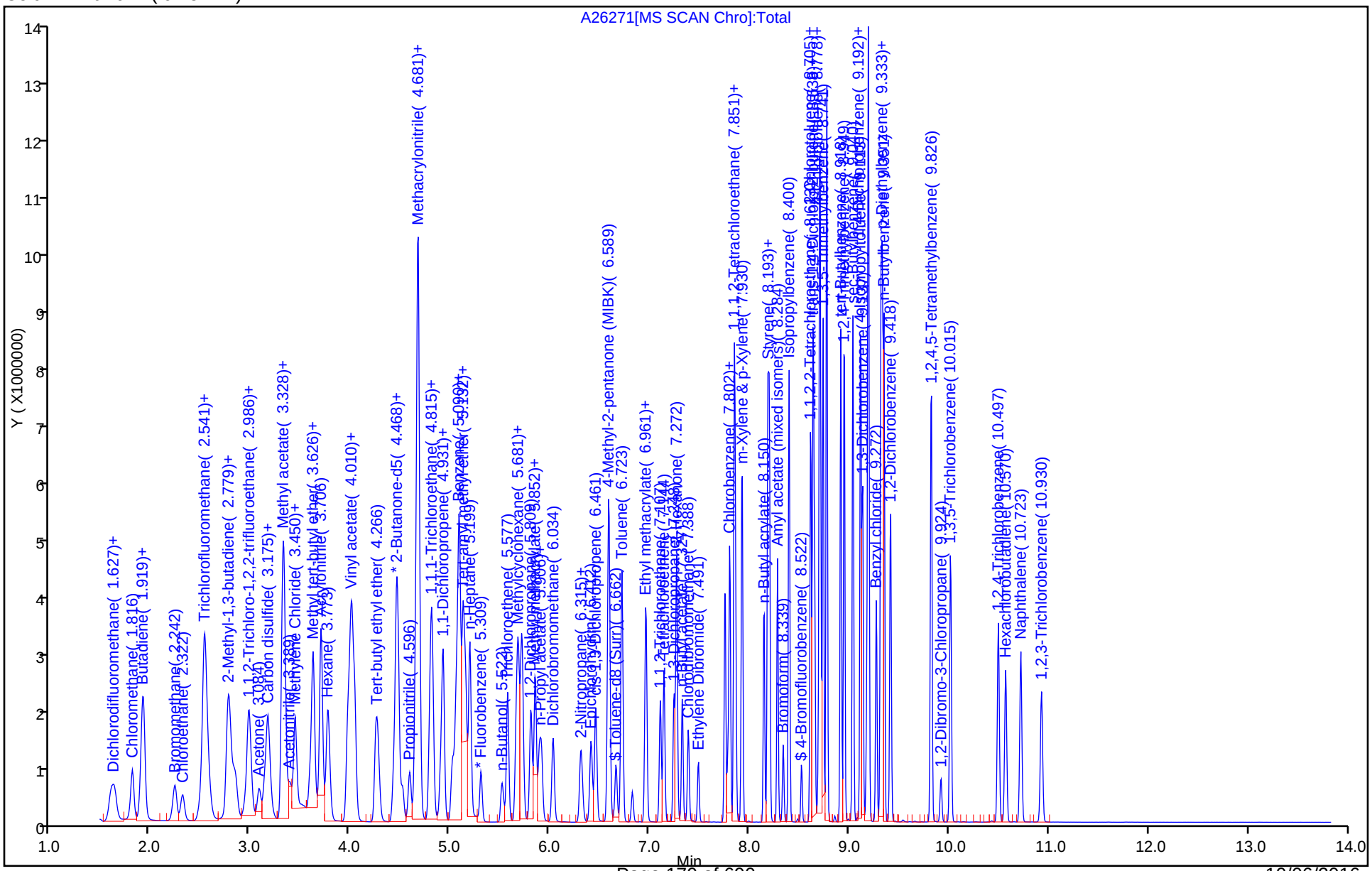
Report Date: 09-Sep-2016 20:25:58 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26271.D

Injection Date:	08-Sep-2016 04:04:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	STD200			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 08-Sep-2016 04:26:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0045311-008
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 09-Sep-2016 20:25:59 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: moroneyc Date: 08-Sep-2016 06:06:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.609	1.603	0.006	95	392857	NC	NC	
3 Dichlorodifluoromethane	85	1.645	1.633	0.012	99	2235534	500.0	340.5	
4 Chloromethane	50	1.834	1.810	0.024	100	3173680	500.0	391.2	
5 Vinyl chloride	62	1.932	1.914	0.018	98	2706009	500.0	377.5	
6 Butadiene	54	1.938	1.914	0.024	97	2313515	NC	NC	
7 Bromomethane	94	2.255	2.231	0.024	100	1381482	500.0	341.1	
8 Chloroethane	64	2.334	2.316	0.018	99	1288568	500.0	328.5	
9 Dichlorofluoromethane	67	2.541	2.523	0.018	99	3392648	NC	NC	
10 Trichlorofluoromethane	101	2.547	2.529	0.018	99	2121979	500.0	333.8	
12 Pentane	72	2.560	2.548	0.012	96	673942	1000.0	777.6	
14 Ethanol	46	2.773	2.755	0.018	78	343154	20000	18343	
13 Ethyl ether	59	2.773	2.767	0.006	94	1527586	500.0	381.5	
15 2-Methyl-1,3-butadiene	53	2.797	2.779	0.018	96	1702330	500.0	386.5	
16 1,2-Dichloro-1,1,2-trifluo	117	2.858	2.840	0.018	97	1331157	NC	NC	
11 Acrolein	56	2.962	2.956	0.006	95	258534	400.0	424.6	
17 1,1,2-Trichloro-1,2,2-trif	101	2.986	2.974	0.012	96	1612496	500.0	460.5	
18 1,1-Dichloroethene	96	2.999	2.980	0.019	97	1667018	500.0	396.5	
19 Acetone	43	3.096	3.090	0.006	88	2704034	2500.0	1791.3	
20 Iodomethane	142	3.163	3.145	0.018	99	3018521	500.0	416.8	
21 Carbon disulfide	76	3.188	3.176	0.012	99	7064195	500.0	409.5	
22 Isopropyl alcohol	45	3.200	3.188	0.012	57	1160763	5000.0	5342.4	
23 3-Chloro-1-propene	76	3.328	3.316	0.012	93	1209315	500.0	422.9	
25 Cyclopentene	67	3.346	3.334	0.012	89	5241159	NC	NC	
24 Methyl acetate	43	3.340	3.334	0.006	99	7771700	2500.0	2087.2	
26 Acetonitrile	41	3.407	3.401	0.006	98	3204972	5000.0	4882.8	
27 Methylene Chloride	84	3.456	3.444	0.012	96	2093843	500.0	414.8	
* 28 TBA-d9 (IS)	65	3.486	3.462	0.024	5	313676	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.547	3.529	0.018	96	1653131	5000.0	4498.4	
30 Methyl tert-butyl ether	73	3.626	3.615	0.012	97	5503891	500.0	431.2	
31 trans-1,2-Dichloroethene	96	3.639	3.627	0.012	98	1959395	500.0	438.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.718	3.706	0.012	94	7991061	5000.0	4285.9	
33 Hexane	43	3.779	3.773	0.006	94	1976772	500.0	469.8	
34 Isopropyl ether	45	3.992	3.974	0.018	96	7094234	500.0	421.0	
35 1,1-Dichloroethane	63	4.011	4.005	0.006	99	3736206	500.0	429.4	
36 Vinyl acetate	86	4.029	4.017	0.012	100	772009	1000.0	935.0	
37 2-Chloro-1,3-butadiene	88	4.053	4.041	0.012	91	1752658	NC	NC	
38 Tert-butyl ethyl ether	59	4.273	4.261	0.012	88	6148185	NC	NC	
* 39 2-Butanone-d5	46	4.443	4.431	0.012	95	442957	250.0	250.0	
40 2,2-Dichloropropane	97	4.468	4.456	0.012	95	657031	500.0	439.2	
41 cis-1,2-Dichloroethene	96	4.468	4.462	0.006	95	2129369	500.0	459.1	
42 2-Butanone (MEK)	72	4.486	4.480	0.006	95	1100531	2500.0	2266.1	
43 Ethyl acetate	70	4.486	4.480	0.006	95	393733	1000.0	990.2	
44 Methyl acrylate	55	4.535	4.523	0.012	99	1770641	NC	NC	
45 Propionitrile	54	4.602	4.596	0.006	99	2813610	NC	NC	
47 Chlorobromomethane	128	4.663	4.651	0.012	90	957320	500.0	464.2	
46 Tetrahydrofuran	72	4.657	4.657	0.000	63	493143	1000.0	865.0	
48 Methacrylonitrile	67	4.687	4.675	0.012	92	7655205	NC	NC	
49 Chloroform	83	4.699	4.694	0.005	99	2960341	500.0	405.7	
50 Cyclohexane	56	4.815	4.803	0.012	94	3600895	500.0	484.1	
52 1,1,1-Trichloroethane	97	4.827	4.815	0.012	98	2603740	500.0	434.1	
$ 53 Dibromofluoromethane (Surr	113	4.827	4.822	0.005	61	175918	50.0	47.4	
54 Carbon tetrachloride	117	4.919	4.913	0.006	99	2320449	500.0	470.3	
55 1,1-Dichloropropene	75	4.937	4.931	0.006	98	2646728	500.0	469.1	
56 Isobutyl alcohol	43	5.035	5.029	0.006	93	2232742	NC	NC	
57 Isooctane	57	5.071	5.059	0.012	98	6443406	NC	NC	
58 Benzene	78	5.096	5.090	0.006	96	7594322	500.0	414.7	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.108	5.102	0.006	88	212904	50.0	47.3	
60 Isopropyl acetate	43	5.132	5.126	0.006	97	5608290	500.0	394.9	
61 Tert-amyl methyl ether	73	5.144	5.133	0.012	93	5630194	NC	NC	
62 1,2-Dichloroethane	62	5.169	5.157	0.012	96	2141873	500.0	400.1	
63 n-Heptane	71	5.205	5.200	0.005	92	1719950	500.0	504.4	
* 64 Fluorobenzene	96	5.315	5.309	0.006	98	701787	50.0	50.0	
65 n-Butanol	56	5.529	5.517	0.012	89	1296619	12500	14793	
66 Trichloroethene	95	5.583	5.578	0.005	98	1910524	500.0	500.9	
67 Ethyl acrylate	55	5.669	5.669	0.000	98	6118707	500.0	536.4	
68 Methylcyclohexane	83	5.687	5.681	0.006	93	3363374	500.0	535.4	
69 1,2-Dichloropropane	63	5.815	5.809	0.006	93	2049877	500.0	445.5	
* 70 1,4-Dioxane-d8	96	5.858	5.852	0.006	34	53986	1000.0	1000.0	
71 Methyl methacrylate	100	5.858	5.852	0.006	90	952140	1000.0	1048.7	
73 1,4-Dioxane	88	5.900	5.888	0.012	56	348417	10000	6159.3	
72 n-Propyl acetate	43	5.900	5.895	0.005	98	2765508	500.0	466.1	
74 Dibromomethane	93	5.919	5.913	0.006	97	1148389	500.0	485.8	
75 Dichlorobromomethane	83	6.041	6.029	0.012	100	2569038	500.0	497.2	
76 2-Chloroethyl vinyl ether	63	6.315	6.309	0.006	98	1250207	500.0	508.1	
77 2-Nitropropane	41	6.327	6.321	0.006	97	929944	NC	NC	
78 Epichlorohydrin	57	6.419	6.413	0.006	98	3718381	10000	9492.5	
79 cis-1,3-Dichloropropene	75	6.467	6.455	0.012	92	3191908	500.0	480.5	
80 4-Methyl-2-pentanone (MIBK	43	6.595	6.590	0.005	97	10585177	2500.0	2343.3	
$ 81 Toluene-d8 (Surr)	98	6.669	6.663	0.006	99	656394	50.0	46.7	
82 Toluene	91	6.730	6.718	0.012	93	7854908	500.0	467.2	
83 trans-1,3-Dichloropropene	75	6.961	6.955	0.006	97	2738671	500.0	478.4	
84 Ethyl methacrylate	69	6.967	6.968	-0.001	90	2431785	NC	NC	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	7.108	7.108	0.000	97	1419432	500.0	465.3	
86 Tetrachloroethene	166	7.150	7.144	0.006	97	1776981	500.0	520.4	
87 1,3-Dichloropropane	76	7.248	7.242	0.006	95	2820122	500.0	472.4	
88 2-Hexanone	43	7.272	7.272	0.000	98	6436081	2500.0	2363.7	
89 n-Butyl acetate	73	7.333	7.327	0.006	99	497332	500.0	446.5	
90 Chlorodibromomethane	129	7.394	7.388	0.006	98	1844482	500.0	510.9	
91 Ethylene Dibromide	107	7.492	7.486	0.006	99	1567752	500.0	499.7	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	86	491910	50.0	50.0	
93 Chlorobenzene	112	7.809	7.803	0.006	93	4865104	500.0	495.4	
94 Ethylbenzene	106	7.851	7.851	0.000	98	2629897	500.0	471.5	
95 1,1,1,2-Tetrachloroethane	131	7.863	7.858	0.005	96	1719750	500.0	443.8	
96 m-Xylene & p-Xylene	106	7.931	7.925	0.006	100	3230691	500.0	462.9	
97 n-Butyl acrylate	73	8.150	8.150	0.000	97	1600890	500.0	446.8	
98 o-Xylene	106	8.187	8.187	0.000	93	3347716	500.0	462.4	
99 Styrene	104	8.205	8.199	0.006	96	5248943	500.0	446.0	
100 Amyl acetate (mixed isomer	43	8.284	8.284	0.000	90	4104759	500.0	488.0	
101 Bromoform	173	8.345	8.339	0.006	98	1174469	500.0	488.2	
102 Isopropylbenzene	105	8.400	8.400	0.000	96	8657505	500.0	460.3	
$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	87	196887	50.0	50.1	
104 Bromobenzene	156	8.619	8.614	0.005	98	2078414	500.0	617.1	
105 1,1,2,2-Tetrachloroethane	83	8.619	8.620	-0.001	99	2352274	500.0	545.2	
106 N-Propylbenzene	91	8.644	8.638	0.006	99	9615476	500.0	500.0	e
107 1,2,3-Trichloropropane	110	8.656	8.656	0.000	94	524102	500.0	476.2	
108 trans-1,4-Dichloro-2-buten	53	8.656	8.656	0.000	76	520795	NC	NC	
109 4-Ethyltoluene	105	8.705	8.705	0.000	98	7632640	NC	NC	
110 2-Chlorotoluene	91	8.717	8.717	0.000	88	5826454	500.0	449.7	
111 1,3,5-Trimethylbenzene	105	8.741	8.742	-0.001	93	5569803	500.0	440.5	
112 Butyl Methacrylate	87	8.778	8.778	0.000	88	2031500	500.0	387.3	
113 4-Chlorotoluene	91	8.784	8.778	0.006	95	4280993	500.0	389.2	
114 tert-Butylbenzene	119	8.924	8.918	0.006	92	5791427	500.0	557.7	
115 1,2,4-Trimethylbenzene	105	8.955	8.955	0.000	97	6148219	500.0	462.5	
116 sec-Butylbenzene	105	9.046	9.040	0.006	99	8481163	500.0	516.0	
117 4-Isopropyltoluene	119	9.119	9.120	-0.001	98	7172607	500.0	516.2	
118 1,3-Dichlorobenzene	146	9.144	9.138	0.006	97	3152715	500.0	462.3	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	92	229868	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.192	9.193	-0.001	94	2990407	500.0	426.1	
121 Benzyl chloride	91	9.278	9.278	0.000	99	3956123	500.0	450.3	
122 2,3-Dihydroindene	117	9.327	9.327	0.000	93	6277808	NC	NC	
123 p-Diethylbenzene	119	9.339	9.339	0.000	92	3344524	NC	NC	
124 n-Butylbenzene	92	9.357	9.357	0.000	98	2552452	500.0	330.6	
125 1,2-Dichlorobenzene	146	9.424	9.418	0.006	97	2963958	500.0	440.8	
126 1,2,4,5-Tetramethylbenzene	119	9.827	9.827	-0.001	97	7475064	NC	NC	
127 1,2-Dibromo-3-Chloropropan	75	9.924	9.924	0.000	98	385798	500.0	527.5	
128 1,3,5-Trichlorobenzene	180	10.022	10.022	0.000	98	2897829	NC	NC	
129 1,2,4-Trichlorobenzene	180	10.503	10.503	0.000	94	2423329	500.0	614.9	
130 Hexachlorobutadiene	225	10.576	10.577	-0.001	96	1122255	500.0	608.5	
131 Naphthalene	128	10.729	10.729	0.000	99	5513896	500.0	625.2	
132 1,2,3-Trichlorobenzene	180	10.936	10.936	0.000	95	1786353	500.0	625.2	
S 133 1,2-Dichloroethene, Total	100				0		1000.0	897.3	
S 134 Xylenes, Total	100				0		1000.0	925.3	
S 135 Total BTEX	1				0		2500.0	2278.7	

QC Flag Legend

Processing Flags

NC - Not Calibrated

e - Potential Peak Saturated

Reagents:

ACROLEIN W_00055	Amount Added:	40.00	Units: uL	
GAS Hi_00164	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00047	Amount Added:	50.00	Units: uL	
MIX I Hi_00062	Amount Added:	50.00	Units: uL	
8260ISNEW_00085	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00140	Amount Added:	1.00	Units: uL	Run Reagent

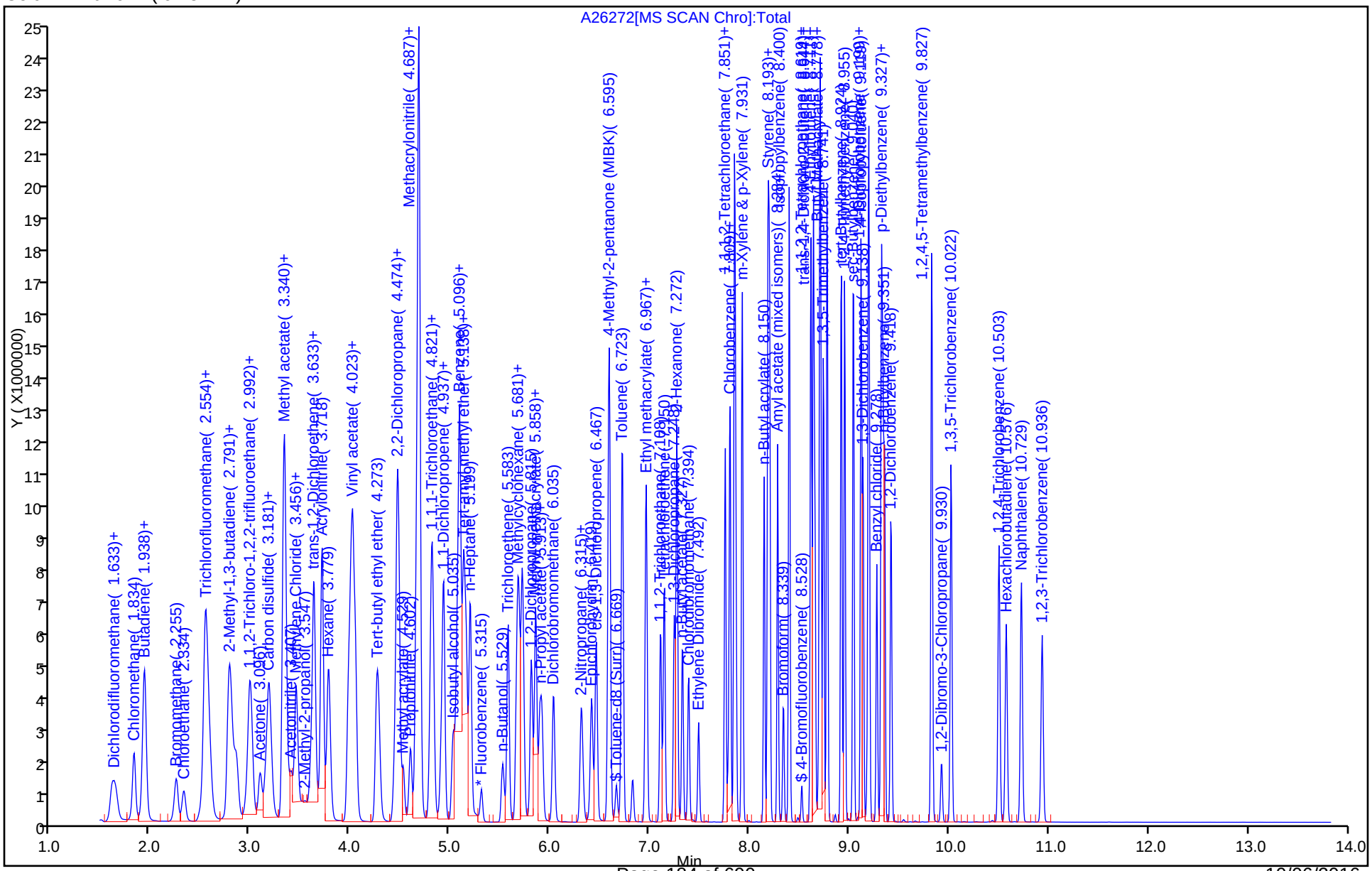
Report Date: 09-Sep-2016 20:26:00 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Injection Date:	08-Sep-2016 04:26:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	STD500			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Lab Sample ID: CCVIS 460-394312/3 Calibration Date: 10/02/2016 07:05

Instrument ID: CVOAMS1 Calib Start Date: 09/08/2016 02:02

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/08/2016 04:26

Lab File ID: A27609.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
Dichlorodifluoromethane	Ave	0.4678	0.4460		19.1	20.0	-4.7	50.0
Chloromethane	Ave	0.5780	0.5825	0.1000	20.2	20.0	0.8	104.0
Vinyl chloride	Ave	0.5106	0.5191		20.3	20.0	1.7	96.0
Bromomethane	Ave	0.2886	0.2619		18.2	20.0	-9.2	86.0
Ethyl Chloride	Ave	0.2795	0.2580		18.5	20.0	-7.7	62.0
Trichlorofluoromethane	Ave	0.4529	0.4543		20.1	20.0	0.3	52.0
n-Pentane	Ave	0.0618	0.0541		35.1	40.0	-12.3	50.0
Ethyl ether	Ave	0.2853	0.3098		21.7	20.0	8.6	50.0
Ethanol	Ave	0.0596	0.0739		991	800	23.9	50.0
Isoprene	Ave	0.3138	0.3062		19.5	20.0	-2.4	50.0
Acrolein	Ave	1.941	1.986		40.9	40.0	2.3	99.0
1,1-Dichloroethene	Ave	0.2996	0.2932		19.6	20.0	-2.1	49.5
Freon TF	Ave	0.2495	0.2540		20.4	20.0	1.8	50.0
Acetone	Ave	0.8520	0.7917		92.9	100	-7.1	50.0
Iodomethane	Ave	0.5159	0.4635		18.0	20.0	-10.2	50.0
Carbon disulfide	Ave	1.229	1.188		19.3	20.0	-3.4	50.0
Isopropanol	Ave	0.6927	0.8787		254	200	26.9	50.0
Allyl chloride	Ave	0.2037	0.2001		19.6	20.0	-1.8	50.0
Methyl acetate	Ave	0.2653	0.2918		110	100	10.0	50.0
Acetonitrile	Ave	2.093	2.405		230	200	14.9	50.0
Methylene Chloride	Ave	0.3596	0.3899		21.7	20.0	8.4	39.5
TBA	Ave	1.172	1.109		189	200	-5.3	50.0
MTBE	Ave	0.9095	0.9791		21.5	20.0	7.7	50.0
trans-1,2-Dichloroethene	Ave	0.3186	0.3283		20.6	20.0	3.0	30.5
Acrylonitrile	Ave	0.1328	0.1556		234	200	17.1	50.0
Hexane	Ave	0.2998	0.3019		20.1	20.0	0.7	50.0
DIPE	Ave	1.201	1.307		21.8	20.0	8.8	50.0
1,1-Dichloroethane	Ave	0.6199	0.6629	0.1000	21.4	20.0	6.9	27.5
Vinyl acetate	Ave	0.0588	0.0576		39.2	40.0	-2.1	50.0
2,2-Dichloropropane	Ave	0.1066	0.0973		18.3	20.0	-8.7	50.0
cis-1,2-Dichloroethene	Ave	0.3304	0.3367		20.4	20.0	1.9	50.0
2-Butanone	Ave	0.2741	0.2573		93.9	100	-6.1	50.0
Ethyl acetate	Ave	0.2244	0.2136		38.1	40.0	-4.8	50.0
Tetrahydrofuran	Ave	0.3218	0.3044		37.8	40.0	-5.4	50.0
Bromochloromethane	Ave	0.1469	0.1452		19.8	20.0	-1.2	50.0
Chloroform	Ave	0.5199	0.5451		21.0	20.0	4.9	32.5
Cyclohexane	Ave	0.5300	0.5815		21.9	20.0	9.7	50.0
1,1,1-Trichloroethane	Ave	0.4273	0.4225		19.8	20.0	-1.1	25.0
Carbon tetrachloride	Ave	0.3515	0.3255		18.5	20.0	-7.4	27.0
1,1-Dichloropropene	Ave	0.4020	0.4115		20.5	20.0	2.4	50.0
Benzene	Ave	1.861	2.000		21.5	20.0	7.5	36.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Lab Sample ID: CCVIS 460-394312/3 Calibration Date: 10/02/2016 07:05

Instrument ID: CVOAMS1 Calib Start Date: 09/08/2016 02:02

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/08/2016 04:26

Lab File ID: A27609.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
Isopropyl acetate	Ave	1.012	1.025		20.3	20.0	1.3	50.0
1,2-Dichloroethane	Ave	0.3814	0.4062		21.3	20.0	6.5	32.0
n-Heptane	Ave	0.2430	0.2486		20.5	20.0	2.3	50.0
n-Butanol	Ave	0.2794	0.2691		481	500	-3.7	50.0
Trichloroethene	Ave	0.2717	0.2730		20.1	20.0	0.5	33.5
Ethyl acrylate	Ave	0.8128	0.8264		20.3	20.0	1.7	50.0
Methylcyclohexane	Ave	0.4475	0.4556		20.4	20.0	1.8	50.0
1,2-Dichloropropane	Ave	0.3278	0.3331		20.3	20.0	1.6	66.0
Methyl methacrylate	Ave	0.0647	0.0670		41.5	40.0	3.6	50.0
Propyl acetate	Ave	0.4228	0.4668		22.1	20.0	10.4	50.0
p-Dioxane	Ave	1.048	1.263		482	400	20.5	50.0
Dibromomethane	Ave	0.1684	0.1783		21.2	20.0	5.8	50.0
Bromodichloromethane	Ave	0.3681	0.3548		19.3	20.0	-3.6	34.5
2-Chloroethyl vinyl ether	Ave	0.1753	0.1866		21.3	20.0	6.5	124.0
Epichlorohydrin	Ave	0.2211	0.2215		401	400	0.2	50.0
cis-1,3-Dichloropropene	Ave	0.6752	0.7151		21.2	20.0	5.9	76.0
4-Methyl-2-pentanone	Ave	2.549	2.505		98.3	100	-1.7	50.0
Toluene	Ave	1.709	1.801		21.1	20.0	5.4	25.5
trans-1,3-Dichloropropene	Ave	0.5819	0.5915		20.3	20.0	1.6	50.0
1,1,2-Trichloroethane	Ave	0.3101	0.3467		22.4	20.0	11.8	29.0
Tetrachloroethene	Ave	0.3471	0.3355		19.3	20.0	-3.3	26.5
1,3-Dichloropropane	Ave	0.6068	0.6798		22.4	20.0	12.0	50.0
2-Hexanone	Ave	1.537	1.501		97.7	100	-2.3	50.0
Butyl acetate	Ave	0.1132	0.1211		21.4	20.0	6.9	50.0
Dibromochloromethane	Ave	0.3670	0.3354		18.3	20.0	-8.6	32.5
1,2-Dibromoethane	Ave	0.3189	0.3423		21.5	20.0	7.3	50.0
Chlorobenzene	Ave	0.998	1.024	0.3000	20.5	20.0	2.6	34.0
Ethylbenzene	Ave	0.5669	0.5694		20.1	20.0	0.4	41.0
1,1,1,2-Tetrachloroethane	Ave	0.3939	0.3603		18.3	20.0	-8.5	50.0
m-Xylene & p-Xylene	Ave	0.7094	0.7174		20.2	20.0	1.1	50.0
n-Butyl acrylate	Ave	0.3642	0.3497		19.2	20.0	-4.0	50.0
o-Xylene	Ave	0.7359	0.7494		20.4	20.0	1.8	50.0
Styrene	Ave	1.196	1.207		20.2	20.0	0.9	50.0
Amyl acetate	Ave	1.830	1.934		21.1	20.0	5.7	50.0
Bromoform	Ave	0.2445	0.1965	0.1000	16.1	20.0	-19.6	29.0
Isopropylbenzene	Ave	1.912	1.952		20.4	20.0	2.1	50.0
Bromobenzene	Ave	0.7326	0.7311		20.0	20.0	-0.2	50.0
1,1,2,2-Tetrachloroethane	Ave	0.9385	1.071	0.3000	22.8	20.0	14.2	39.5
N-Propylbenzene	Ave	4.183	4.526		21.6	20.0	8.2	50.0
1,2,3-Trichloropropane	Ave	0.2394	0.2564		21.4	20.0	7.1	50.0
2-Chlorotoluene	Ave	2.818	3.091		21.9	20.0	9.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Lab Sample ID: CCVIS 460-394312/3 Calibration Date: 10/02/2016 07:05

Instrument ID: CVOAMS1 Calib Start Date: 09/08/2016 02:02

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/08/2016 04:26

Lab File ID: A27609.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
1,3,5-Trimethylbenzene	Ave	2.751	3.018		21.9	20.0	9.7	50.0
4-Chlorotoluene	Ave	2.393	2.694		22.5	20.0	12.6	50.0
Butyl Methacrylate	Ave	1.141	1.177		20.6	20.0	3.1	50.0
tert-Butylbenzene	Ave	2.259	2.350		20.8	20.0	4.1	50.0
1,2,4-Trimethylbenzene	Ave	2.892	3.137		21.7	20.0	8.5	50.0
sec-Butylbenzene	Ave	3.575	3.863		21.6	20.0	8.1	50.0
p-Isopropyltoluene	Ave	3.022	3.196		21.1	20.0	5.7	50.0
1,3-Dichlorobenzene	Ave	1.483	1.585		21.4	20.0	6.9	27.0
1,4-Dichlorobenzene	Ave	1.527	1.639		21.5	20.0	7.3	37.0
Benzyl chloride	Ave	1.911	1.641		17.2	20.0	-14.1	50.0
n-Butylbenzene	Ave	1.680	2.023		24.1	20.0	20.5	50.0
1,2-Dichlorobenzene	Ave	1.463	1.579		21.6	20.0	8.0	37.0
1,2-Dibromo-3-Chloropropane	Ave	0.1591	0.1793		22.5	20.0	12.7	50.0
1,2,4-Trichlorobenzene	Ave	0.8573	0.9062		21.1	20.0	5.7	50.0
Hexachlorobutadiene	Ave	0.4012	0.4006		20.0	20.0	-0.1	50.0
Naphthalene	Ave	1.918	2.311		24.1	20.0	20.5	50.0
1,2,3-Trichlorobenzene	Ave	0.6215	0.7279		23.4	20.0	17.1	50.0
Dibromofluoromethane (Surr)	Ave	0.2644	0.2617		49.5	50.0	-1.0	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3206	0.3427		53.4	50.0	6.9	
Toluene-d8 (Surr)	Ave	1.428	1.505		52.7	50.0	5.4	
Bromofluorobenzene	Ave	0.3996	0.3746		46.9	50.0	-6.2	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27609.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 02-Oct-2016 07:05:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0046300-003
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 03-Oct-2016 07:14:44 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: moroneyc Date: 03-Oct-2016 07:00:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.596	1.596	0.000	89	13657	NC	NC	
3 Dichlorodifluoromethane	85	1.633	1.633	0.000	99	92059	20.0	19.1	
4 Chloromethane	50	1.804	1.804	0.000	99	120234	20.0	20.2	
5 Vinyl chloride	62	1.913	1.913	0.000	98	107151	20.0	20.3	
6 Butadiene	54	1.913	1.913	0.000	75	89611	NC	NC	
7 Bromomethane	94	2.230	2.230	0.000	98	54060	20.0	18.2	
8 Chloroethane	64	2.310	2.310	0.000	100	53244	20.0	18.5	
9 Dichlorofluoromethane	67	2.523	2.523	0.000	99	153170	NC	NC	
10 Trichlorofluoromethane	101	2.529	2.529	0.000	59	93756	20.0	20.1	
12 Pentane	72	2.541	2.541	0.000	97	22348	40.0	35.1	
13 Ethyl ether	59	2.755	2.755	0.000	96	63948	20.0	21.7	
14 Ethanol	46	2.761	2.761	0.000	95	16251	800.0	991.4	
15 2-Methyl-1,3-butadiene	53	2.779	2.779	0.000	97	63195	20.0	19.5	
16 1,2-Dichloro-1,1,2-trifluo	117	2.846	2.846	0.000	89	48552	NC	NC	
11 Acrolein	56	2.944	2.944	0.000	95	21833	40.0	40.9	
17 1,1,2-Trichloro-1,2,2-trif	101	2.980	2.980	0.000	42	52431	20.0	20.4	
18 1,1-Dichloroethene	96	2.980	2.980	0.000	94	60512	20.0	19.6	
19 Acetone	43	3.084	3.084	0.000	87	112786	100.0	92.9	
20 Iodomethane	142	3.139	3.139	0.000	99	95664	20.0	18.0	
21 Carbon disulfide	76	3.169	3.169	0.000	99	245139	20.0	19.3	
22 Isopropyl alcohol	45	3.175	3.175	0.000	54	48300	200.0	253.7	
23 3-Chloro-1-propene	76	3.309	3.309	0.000	87	41291	20.0	19.6	
25 Cyclopentene	67	3.328	3.328	0.000	71	177215	NC	NC	
24 Methyl acetate	43	3.328	3.328	0.000	99	301136	100.0	110.0	
26 Acetonitrile	41	3.395	3.395	0.000	97	132191	200.0	229.8	
27 Methylene Chloride	84	3.444	3.444	0.000	98	80465	20.0	21.7	
* 28 TBA-d9 (IS)	65	3.450	3.450	0.000	99	274851	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.517	3.517	0.000	96	60971	200.0	189.3	
30 Methyl tert-butyl ether	73	3.620	3.620	0.000	89	202090	20.0	21.5	
31 trans-1,2-Dichloroethene	96	3.620	3.620	0.000	98	67763	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
32 Acrylonitrile	53	3.700	3.700	0.000	94	321087	200.0	234.2	
33 Hexane	43	3.773	3.773	0.000	94	62321	20.0	20.1	
34 Isopropyl ether	45	3.974	3.974	0.000	97	269696	20.0	21.8	
35 1,1-Dichloroethane	63	3.998	3.998	0.000	99	136812	20.0	21.4	
36 Vinyl acetate	86	4.011	4.011	0.000	100	23779	40.0	39.2	
37 2-Chloro-1,3-butadiene	88	4.041	4.041	0.000	92	56850	NC	NC	
38 Tert-butyl ethyl ether	59	4.254	4.254	0.000	88	218511	NC	NC	
* 39 2-Butanone-d5	46	4.425	4.425	0.000	99	356153	250.0	250.0	
40 2,2-Dichloropropane	97	4.449	4.449	0.000	84	20090	20.0	18.3	
41 cis-1,2-Dichloroethene	96	4.456	4.456	0.000	89	69487	20.0	20.4	
42 2-Butanone (MEK)	72	4.474	4.474	0.000	95	36661	100.0	93.9	
43 Ethyl acetate	70	4.474	4.474	0.000	93	12170	40.0	38.1	
44 Methyl acrylate	55	4.517	4.517	0.000	98	56489	NC	NC	
45 Propionitrile	54	4.590	4.590	0.000	98	107617	NC	NC	
46 Tetrahydrofuran	72	4.645	4.645	0.000	69	17347	40.0	37.8	
47 Chlorobromomethane	128	4.651	4.651	0.000	97	29977	20.0	19.8	
48 Methacrylonitrile	67	4.669	4.669	0.000	95	278051	NC	NC	
49 Chloroform	83	4.687	4.687	0.000	97	112517	20.0	21.0	
50 Cyclohexane	56	4.803	4.803	0.000	96	120022	20.0	21.9	
52 1,1,1-Trichloroethane	97	4.815	4.815	0.000	97	87210	20.0	19.8	
$ 53 Dibromofluoromethane (Surr	113	4.815	4.815	0.000	95	135057	50.0	49.5	
54 Carbon tetrachloride	117	4.907	4.907	0.000	97	67192	20.0	18.5	
55 1,1-Dichloropropene	75	4.925	4.925	0.000	94	84927	20.0	20.5	
56 Isobutyl alcohol	43	5.023	5.023	0.000	93	115572	NC	NC	
57 Isooctane	57	5.053	5.053	0.000	95	206720	NC	NC	
58 Benzene	78	5.090	5.090	0.000	95	250401	20.0	21.5	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.096	5.096	0.000	99	176855	50.0	53.4	
60 Isopropyl acetate	43	5.126	5.126	0.000	96	211532	20.0	20.3	
61 Tert-amyl methyl ether	73	5.132	5.132	0.000	96	193209	NC	NC	
62 1,2-Dichloroethane	62	5.157	5.157	0.000	96	83847	20.0	21.3	
63 n-Heptane	71	5.193	5.193	0.000	95	51303	20.0	20.5	
* 64 Fluorobenzene	96	5.303	5.303	0.000	97	515999	50.0	50.0	
65 n-Butanol	56	5.516	5.516	0.000	90	36979	500.0	481.5	
66 Trichloroethene	95	5.571	5.571	0.000	93	56349	20.0	20.1	
67 Ethyl acrylate	55	5.663	5.663	0.000	98	170561	20.0	20.3	
68 Methylcyclohexane	83	5.675	5.675	0.000	95	94026	20.0	20.4	
69 1,2-Dichloropropane	63	5.809	5.809	0.000	94	68742	20.0	20.3	
* 70 1,4-Dioxane-d8	96	5.846	5.846	0.000	34	25501	1000.0	1000.0	
71 Methyl methacrylate	100	5.852	5.852	0.000	93	27672	40.0	41.5	
72 n-Propyl acetate	43	5.888	5.888	0.000	98	96348	20.0	22.1	
73 1,4-Dioxane	88	5.894	5.894	0.000	28	12878	400.0	482.0	
74 Dibromomethane	93	5.913	5.913	0.000	89	36793	20.0	21.2	
75 Dichlorobromomethane	83	6.028	6.028	0.000	99	73238	20.0	19.3	
76 2-Chloroethyl vinyl ether	63	6.309	6.309	0.000	97	38515	20.0	21.3	
77 2-Nitropropane	41	6.321	6.321	0.000	99	25340	NC	NC	
78 Epichlorohydrin	57	6.413	6.413	0.000	99	126214	400.0	400.7	
79 cis-1,3-Dichloropropene	75	6.455	6.455	0.000	93	89513	20.0	21.2	
80 4-Methyl-2-pentanone (MIBK	43	6.589	6.589	0.000	98	356866	100.0	98.3	
$ 81 Toluene-d8 (Surr)	98	6.662	6.662	0.000	98	471068	50.0	52.7	
82 Toluene	91	6.717	6.717	0.000	93	225440	20.0	21.1	
83 trans-1,3-Dichloropropene	75	6.955	6.955	0.000	98	74037	20.0	20.3	
84 Ethyl methacrylate	69	6.967	6.967	0.000	90	70539	NC	NC	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	7.107	7.107	0.000	94	43404	20.0	22.4	
86 Tetrachloroethene	166	7.144	7.144	0.000	93	41993	20.0	19.3	
87 1,3-Dichloropropane	76	7.242	7.242	0.000	96	85089	20.0	22.4	
88 2-Hexanone	43	7.272	7.272	0.000	98	213810	100.0	97.7	
89 n-Butyl acetate	73	7.327	7.327	0.000	98	15152	20.0	21.4	
90 Chlorodibromomethane	129	7.388	7.388	0.000	97	41983	20.0	18.3	
91 Ethylene Dibromide	107	7.485	7.485	0.000	98	42849	20.0	21.5	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	91	312941	50.0	50.0	
93 Chlorobenzene	112	7.802	7.802	0.000	90	128163	20.0	20.5	
94 Ethylbenzene	106	7.851	7.851	0.000	100	71277	20.0	20.1	
95 1,1,1,2-Tetrachloroethane	131	7.857	7.857	0.000	92	45105	20.0	18.3	
96 m-Xylene & p-Xylene	106	7.924	7.924	0.000	99	89804	20.0	20.2	
97 n-Butyl acrylate	73	8.150	8.150	0.000	96	43774	20.0	19.2	
98 o-Xylene	106	8.187	8.187	0.000	92	93805	20.0	20.4	
99 Styrene	104	8.199	8.199	0.000	90	151125	20.0	20.2	
100 Amyl acetate (mixed isomer	43	8.284	8.284	0.000	89	139482	20.0	21.1	
101 Bromoform	173	8.339	8.339	0.000	92	24597	20.0	16.1	
102 Isopropylbenzene	105	8.400	8.400	0.000	97	244405	20.0	20.4	
$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	85	117223	50.0	46.9	
104 Bromobenzene	156	8.613	8.613	0.000	91	52714	20.0	20.0	
105 1,1,2,2-Tetrachloroethane	83	8.619	8.619	0.000	98	77250	20.0	22.8	
106 N-Propylbenzene	91	8.638	8.638	0.000	98	326330	20.0	21.6	
107 1,2,3-Trichloropropane	110	8.656	8.656	0.000	93	18485	20.0	21.4	
108 trans-1,4-Dichloro-2-buten	53	8.656	8.656	0.000	74	23468	NC	NC	
109 4-Ethyltoluene	105	8.705	8.705	0.000	97	258402	NC	NC	
110 2-Chlorotoluene	91	8.711	8.711	0.000	96	222897	20.0	21.9	
111 1,3,5-Trimethylbenzene	105	8.741	8.741	0.000	92	217574	20.0	21.9	
112 Butyl Methacrylate	87	8.778	8.778	0.000	96	84838	20.0	20.6	
113 4-Chlorotoluene	91	8.778	8.778	0.000	98	194242	20.0	22.5	
114 tert-Butylbenzene	119	8.918	8.918	0.000	91	169479	20.0	20.8	
115 1,2,4-Trimethylbenzene	105	8.955	8.955	0.000	98	226183	20.0	21.7	
116 sec-Butylbenzene	105	9.040	9.040	0.000	99	278533	20.0	21.6	
117 4-Isopropyltoluene	119	9.119	9.119	0.000	97	230417	20.0	21.1	
118 1,3-Dichlorobenzene	146	9.138	9.138	0.000	93	114294	20.0	21.4	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	98	180259	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.192	9.192	0.000	89	118158	20.0	21.5	
121 Benzyl chloride	91	9.278	9.278	0.000	97	118328	20.0	17.2	
122 2,3-Dihydroindene	117	9.320	9.320	0.000	93	255806	NC	NC	
123 p-Diethylbenzene	119	9.339	9.339	0.000	91	152449	NC	NC	
124 n-Butylbenzene	92	9.351	9.351	0.000	98	145872	20.0	24.1	
125 1,2-Dichlorobenzene	146	9.418	9.418	0.000	92	113867	20.0	21.6	
126 1,2,4,5-Tetramethylbenzene	119	9.826	9.826	0.000	96	219498	NC	NC	
127 1,2-Dibromo-3-Chloropropan	75	9.924	9.924	0.000	87	12931	20.0	22.5	
128 1,3,5-Trichlorobenzene	180	10.022	10.022	0.000	95	76908	NC	NC	
129 1,2,4-Trichlorobenzene	180	10.503	10.503	0.000	93	65342	20.0	21.1	
130 Hexachlorobutadiene	225	10.576	10.576	0.000	89	28887	20.0	20.0	
131 Naphthalene	128	10.729	10.729	0.000	98	166621	20.0	24.1	
132 1,2,3-Trichlorobenzene	180	10.936	10.936	0.000	94	52486	20.0	23.4	
S 133 1,2-Dichloroethene, Total	100				0		40.0	41.0	
S 134 Xylenes, Total	100				0		40.0	40.6	
S 135 Total BTEX	1				0		100.0	103.3	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

GASES Li_00173	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00043	Amount Added:	20.00	Units: uL	
ACROLEIN W_00056	Amount Added:	4.00	Units: uL	
8260ISNEW_00085	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00140	Amount Added:	1.00	Units: uL	Run Reagent

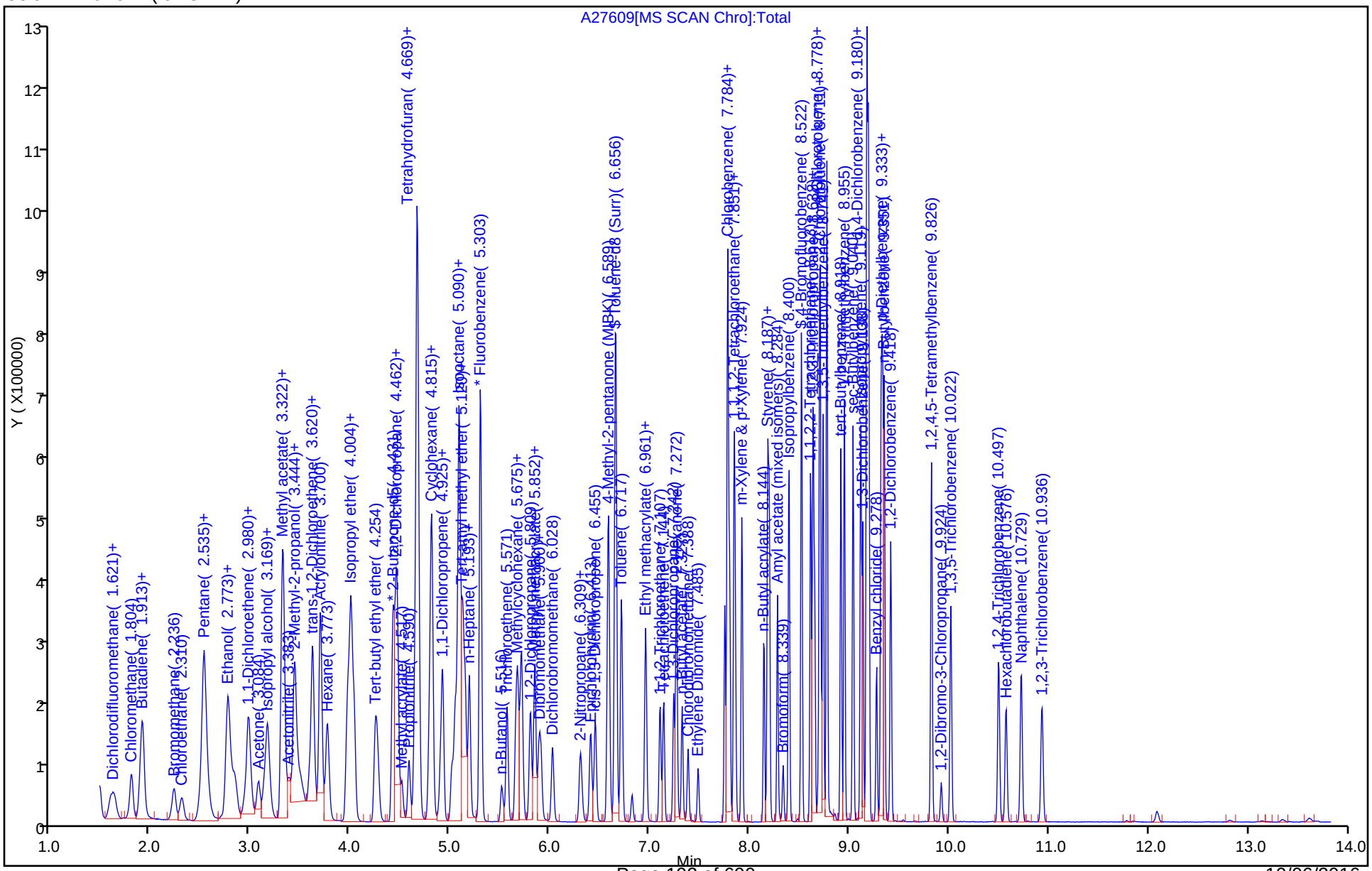
Report Date: 03-Oct-2016 07:14:46 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27609.D

Injection Date:	02-Oct-2016 07:05:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26265.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	08-Sep-2016 01:38:30	ALS Bottle#:	100	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0045311-001				
Operator ID:	VOA GC/MS1	Instrument ID:	CVOAMS1		
Method:	\\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\8260624W_1.m				
Limit Group:	VOA 624 ICAL				
Last Update:	08-Sep-2016 07:03:08	Calib Date:	08-Sep-2016 06:34:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26277.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK029				

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 136 BFB	95	2.822	2.822	0.000	86	44194	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

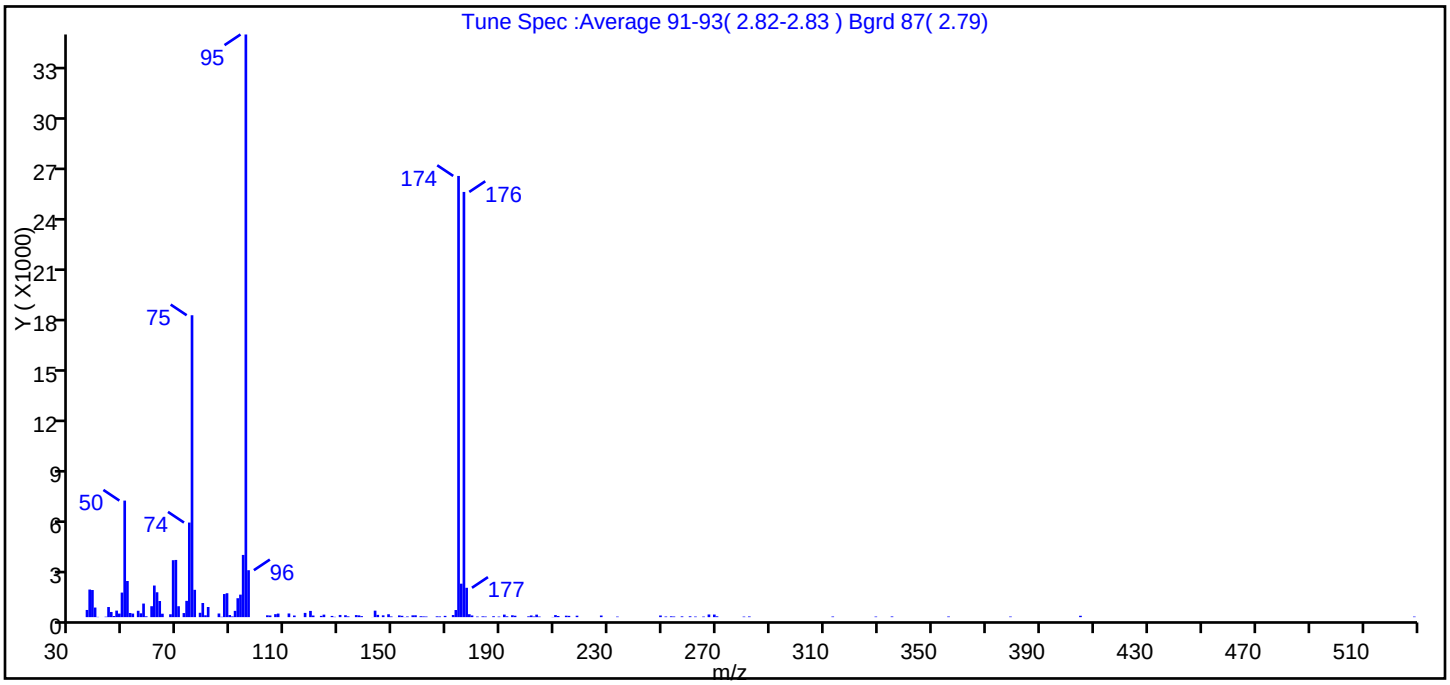
BFB_00011 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26265.D
Injection Date: 08-Sep-2016 01:38:30 Instrument ID: CVOAMS1
Lims ID: BFB
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 100 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA 624 ICAL
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	20.0
75	30 to 60% of m/z 95	51.8
96	5 to 9% of m/z 95	8.1
173	Less than 2% of m/z 174	1.2 (1.6)
174	50 to 120% of m/z 95	75.7
175	5 to 9% of m/z 174	5.7 (7.6)
176	Greater than 95% but less than 101% of m/z 174	73.0 (96.4)
177	5 to 9% of m/z 176	5.0 (6.9)

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26265.D\8260624W_1.rslt\spectra.d
Injection Date: 08-Sep-2016 01:38:30
Spectrum: Tune Spec :Average 91-93(2.82-2.83) Bgrd 87(2.79)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 141

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	424	79.00	835	143.00	383	201.00	100
37.00	1629	80.00	109	144.00	134	202.00	37
38.00	1601	81.00	599	146.00	107	203.00	148
39.00	567	85.00	215	148.00	171	204.00	35
40.00	15	86.00	20	149.00	39	209.00	10
43.00	26	87.00	1364	151.00	2	210.00	121
44.00	597	88.00	1412	152.00	102	211.00	68
45.00	306	89.00	124	153.00	79	214.00	86
46.00	66	90.00	42	154.00	6	215.00	76
47.00	385	91.00	371	155.00	40	218.00	85
48.00	210	92.00	1117	157.00	107	227.00	96
49.00	1450	93.00	1329	158.00	109	233.00	33
50.00	6881	94.00	3673	160.00	54	249.00	97
51.00	2134	95.00	34400	161.00	43	251.00	38
52.00	246	96.00	2771	162.00	36	253.00	49
53.00	211	103.00	108	166.00	48	254.00	38
55.00	376	104.00	98	167.00	41	257.00	46
56.00	227	106.00	176	169.00	76	260.00	50
57.00	802	107.00	211	172.00	124	262.00	36
58.00	47	111.00	217	173.00	420	265.00	35
60.00	646	113.00	95	174.00	26048	267.00	158
61.00	1866	117.00	251	175.00	1976	269.00	153
62.00	1469	119.00	368	176.00	25104	270.00	50
63.00	952	120.00	95	177.00	1733	280.00	33
64.00	203	123.00	75	178.00	173	281.00	2
66.00	1	124.00	148	179.00	98	282.00	41
67.00	170	127.00	72	181.00	35	313.00	38
68.00	3362	128.00	18	183.00	46	329.00	35
69.00	3377	130.00	129	184.00	37	335.00	41
70.00	644	131.00	1	187.00	53	356.00	38
72.00	241	132.00	113	189.00	34	379.00	35
73.00	962	133.00	46	191.00	150	405.00	81
74.00	5584	136.00	120	192.00	48	529.00	33

Report Date: 08-Sep-2016 07:03:09 Chrom Revision: 2.2 20-Apr-2016 13:59:46
Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26265.D\8260624W_1.rslt\spectra.d
Injection Date: 08-Sep-2016 01:38:30
Spectrum: Tune Spec :Average 91-93(2.82-2.83) Bgrd 87(2.79)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 141

m/z	Y	m/z	Y	m/z	Y	m/z	Y
75.00	17824	137.00	104	194.00	110		
76.00	1613	138.00	58	195.00	84		
78.00	258	142.00	4	200.00	47		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27607.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 02-Oct-2016 06:10:30 ALS Bottle#: 100 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0046300-001
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 02-Oct-2016 10:31:50 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 136 BFB	95	2.804	2.804	0.000	79	91003	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

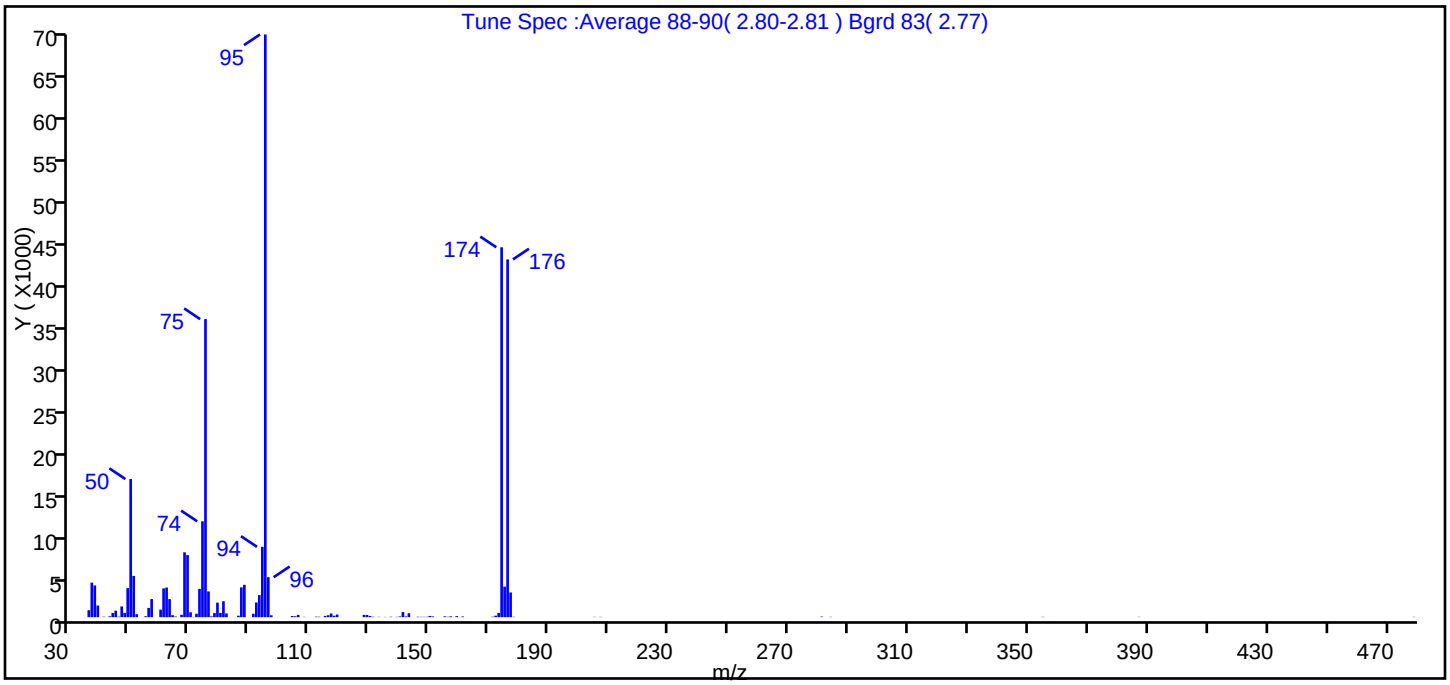
BFB_00013 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27607.D
Injection Date: 02-Oct-2016 06:10:30 Instrument ID: CVOAMS1
Lims ID: BFB
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 100 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA 624 ICAL
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	23.7
75	30 to 60% of m/z 95	51.2
96	5 to 9% of m/z 95	6.9
173	Less than 2% of m/z 174	0.7 (1.1)
174	50 to 120% of m/z 95	63.5
175	5 to 9% of m/z 174	5.2 (8.3)
176	Greater than 95% but less than 101% of m/z 174	61.4 (96.7)
177	5 to 9% of m/z 176	4.2 (6.9)

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27607.D\8260624W_1.rslt\spectra.d
Injection Date: 02-Oct-2016 06:10:30
Spectrum: Tune Spec :Average 88-90(2.80-2.81) Bgrd 83(2.77)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 99

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	824	68.00	7694	104.00	137	148.00	37
37.00	4100	69.00	7368	105.00	101	149.00	38
38.00	3762	70.00	582	106.00	265	150.00	141
39.00	1379	71.00	33	108.00	35	151.00	87
41.00	51	72.00	403	112.00	59	155.00	92
43.00	103	73.00	3358	113.00	48	156.00	41
44.00	499	74.00	11380	115.00	144	157.00	97
45.00	765	75.00	35384	116.00	223	159.00	122
46.00	59	76.00	3052	117.00	433	161.00	82
47.00	1269	77.00	97	118.00	164	171.00	50
48.00	508	78.00	485	119.00	309	172.00	174
49.00	3450	79.00	1721	128.00	267	173.00	501
50.00	16400	80.00	499	129.00	252	174.00	43912
51.00	4894	81.00	1892	130.00	141	175.00	3623
52.00	350	82.00	443	131.00	44	176.00	42472
55.00	107	86.00	172	133.00	36	177.00	2928
56.00	1092	87.00	3537	135.00	29	178.00	40
57.00	2149	88.00	3840	137.00	53	205.00	37
60.00	894	91.00	399	139.00	35	207.00	34
61.00	3411	92.00	1744	140.00	81	281.00	66
62.00	3517	93.00	2619	141.00	605	284.00	37
63.00	2142	94.00	8348	142.00	85	355.00	40
64.00	232	95.00	69176	143.00	463	387.00	34
65.00	74	96.00	4741	146.00	46	479.00	35
67.00	279	97.00	217	147.00	37		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-394312/7

Matrix: Water | Lab File ID: A27613.D

Analysis Method: 624 | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 08:31

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.22	U	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
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
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
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-394312/7

Matrix: Water | Lab File ID: A27613.D

Analysis Method: 624 | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 08:31

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
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
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		48-130
2037-26-5	Toluene-d8 (Surr)	104		80-120
460-00-4	Bromofluorobenzene	91		71-131
1868-53-7	Dibromofluoromethane (Surr)	99		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-394312/7

Matrix: Water Lab File ID: A27613.D

Analysis Method: 624 Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/02/2016 08:31

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.: 394312 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27613.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 02-Oct-2016 08:31:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0046300-007
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 03-Oct-2016 07:14:44 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: moroneyc Date: 03-Oct-2016 06:35:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.474	3.450	0.024	99	258839	1000.0	1000.0	
* 39 2-Butanone-d5	46	4.437	4.425	0.012	99	314479	250.0	250.0	
$ 53 Dibromofluoromethane (Surr	113	4.821	4.815	0.006	95	125348	50.0	49.5	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.096	0.006	98	166181	50.0	54.2	
* 64 Fluorobenzene	96	5.309	5.303	0.006	97	478468	50.0	50.0	
* 70 1,4-Dioxane-d8	96	5.846	5.846	0.000	94	21376	1000.0	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.662	6.662	0.000	98	419720	50.0	52.1	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	91	282085	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	83	103122	50.0	45.7	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	98	155385	50.0	50.0	

Reagents:

8260ISNEW_00085 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00140 Amount Added: 1.00 Units: uL Run Reagent

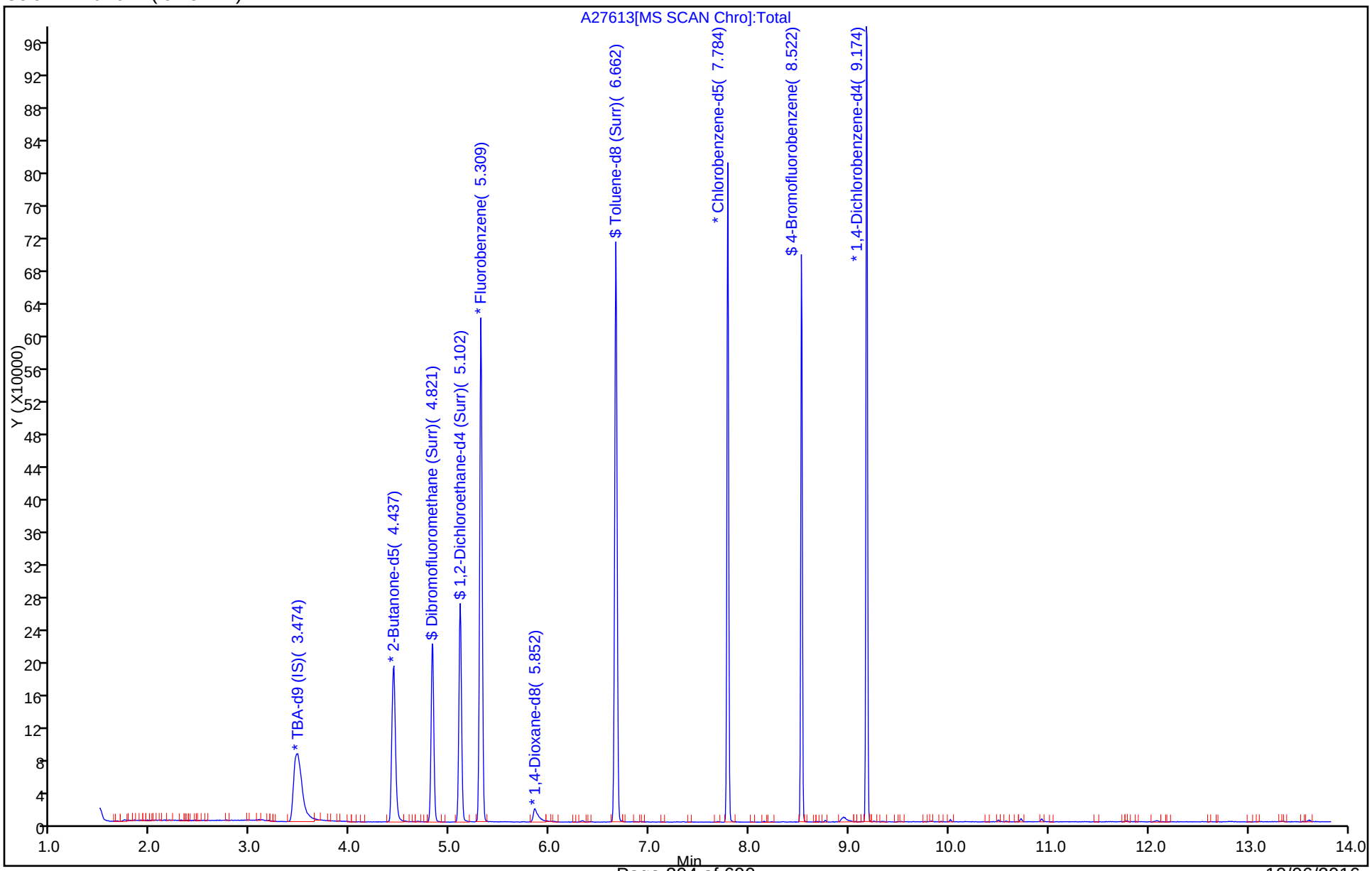
Report Date: 03-Oct-2016 07:14:51 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27613.D

Injection Date:	02-Oct-2016 08:31:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-394312/4

Matrix: Water | Lab File ID: A27610.D

Analysis Method: 624 | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 07:26

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	18.4		1.0	0.37
75-01-4	Vinyl chloride	19.6		1.0	0.060
74-83-9	Bromomethane	17.8		1.0	0.18
74-87-3	Chloromethane	19.4		1.0	0.22
67-64-1	Acetone	104		5.0	1.1
75-15-0	Carbon disulfide	18.7		1.0	0.22
75-09-2	Methylene Chloride	21.4		1.0	0.21
75-69-4	Trichlorofluoromethane	18.5		1.0	0.15
75-35-4	1,1-Dichloroethene	18.4		1.0	0.34
67-66-3	Chloroform	20.7		1.0	0.22
108-88-3	Toluene	19.9		1.0	0.25
71-43-2	Benzene	20.5		1.0	0.090
76-13-1	Freon TF	19.4		1.0	0.34
100-42-5	Styrene	19.4		1.0	0.17
75-25-2	Bromoform	15.4		1.0	0.18
110-82-7	Cyclohexane	21.3		1.0	0.26
56-23-5	Carbon tetrachloride	18.0		1.0	0.33
108-90-7	Chlorobenzene	19.9		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.1		1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	21.2		1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	23.9		1.0	0.35
95-50-1	1,2-Dichlorobenzene	21.2		1.0	0.22
541-73-1	1,3-Dichlorobenzene	20.8		1.0	0.33
106-46-7	1,4-Dichlorobenzene	20.5		1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	21.8		1.0	0.23
79-00-5	1,1,2-Trichloroethane	21.3		1.0	0.080
108-10-1	4-Methyl-2-pentanone	99.1		5.0	0.63
123-91-1	p-Dioxane	490		50	8.7
107-06-2	1,2-Dichloroethane	20.6		1.0	0.25
78-93-3	2-Butanone	93.0		5.0	2.2
75-34-3	1,1-Dichloroethane	21.1		1.0	0.24
591-78-6	2-Hexanone	100		5.0	0.72
1634-04-4	MTBE	21.1		1.0	0.13
127-18-4	Tetrachloroethene	18.1		1.0	0.12
98-82-8	Isopropylbenzene	19.7		1.0	0.32
100-41-4	Ethylbenzene	19.7		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-394312/4

Matrix: Water | Lab File ID: A27610.D

Analysis Method: 624 | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 07:26

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	18.4		1.0	0.15
75-71-8	Dichlorodifluoromethane	18.2		1.0	0.14
79-20-9	Methyl acetate	113		5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	18.8		1.0	0.19
156-60-5	trans-1,2-Dichloroethene	19.5		1.0	0.18
156-59-2	cis-1,2-Dichloroethene	20.1		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	19.7		1.0	0.16
1330-20-7	Xylenes, Total	38.9		2.0	0.28
79-01-6	Trichloroethene	18.9		1.0	0.22
108-87-2	Methylcyclohexane	20.0		1.0	0.22
71-55-6	1,1,1-Trichloroethane	18.9		1.0	0.28
78-87-5	1,2-Dichloropropane	19.9		1.0	0.18
124-48-1	Dibromochloromethane	17.7		1.0	0.22
106-93-4	1,2-Dibromoethane	20.7		1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		48-130
2037-26-5	Toluene-d8 (Surr)	104		80-120
460-00-4	Bromofluorobenzene	92		71-131
1868-53-7	Dibromofluoromethane (Surr)	100		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27610.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 02-Oct-2016 07:26:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0046300-004
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 03-Oct-2016 07:14:44 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: desais Date: 02-Oct-2016 10:31:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.590	1.596	-0.006	89	12761	NC	NC	
3 Dichlorodifluoromethane	85	1.627	1.633	-0.006	99	82514	20.0	18.2	
4 Chloromethane	50	1.804	1.804	0.000	100	109042	20.0	19.4	
5 Vinyl chloride	62	1.913	1.913	0.000	98	97117	20.0	19.6	
6 Butadiene	54	1.913	1.913	0.000	95	89194	NC	NC	
7 Bromomethane	94	2.237	2.230	0.006	98	49939	20.0	17.8	
8 Chloroethane	64	2.310	2.310	0.000	100	50004	20.0	18.4	
9 Dichlorofluoromethane	67	2.523	2.523	0.000	99	134620	NC	NC	
10 Trichlorofluoromethane	101	2.529	2.529	0.000	52	81474	20.0	18.5	
12 Pentane	72	2.541	2.541	0.000	97	19580	40.0	32.7	
13 Ethyl ether	59	2.755	2.755	0.000	95	57643	20.0	20.8	
14 Ethanol	46	2.767	2.761	0.006	71	16923	800.0	1078.5	
15 2-Methyl-1,3-butadiene	53	2.779	2.779	0.000	97	57284	20.0	18.8	
16 1,2-Dichloro-1,1,2-trifluo	117	2.834	2.846	-0.012	87	43283	NC	NC	
11 Acrolein	56	2.950	2.944	0.006	95	20886	40.0	40.9	
17 1,1,2-Trichloro-1,2,2-trif	101	2.980	2.980	0.000	67	46956	20.0	19.4	
18 1,1-Dichloroethene	96	2.980	2.980	0.000	94	53489	20.0	18.4	
19 Acetone	43	3.084	3.084	0.000	87	115740	100.0	103.6	
20 Iodomethane	142	3.139	3.139	0.000	100	85955	20.0	17.2	
21 Carbon disulfide	76	3.175	3.169	0.006	100	223397	20.0	18.7	
22 Isopropyl alcohol	45	3.181	3.175	0.006	11	43939	200.0	241.1	
23 3-Chloro-1-propene	76	3.309	3.309	0.000	90	37484	20.0	19.0	
25 Cyclopentene	67	3.328	3.328	0.000	70	163268	NC	NC	
24 Methyl acetate	43	3.328	3.328	0.000	99	289847	100.0	112.6	
26 Acetonitrile	41	3.389	3.395	-0.006	100	124843	200.0	226.8	
27 Methylene Chloride	84	3.444	3.444	0.000	98	74563	20.0	21.4	
* 28 TBA-d9 (IS)	65	3.456	3.450	0.006	94	263114	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.511	3.517	-0.006	91	65450	200.0	212.3	
30 Methyl tert-butyl ether	73	3.614	3.620	-0.006	98	186477	20.0	21.1	
31 trans-1,2-Dichloroethene	96	3.620	3.620	0.000	99	60374	20.0	19.5	
32 Acrylonitrile	53	3.700	3.700	0.000	93	299056	200.0	232.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Hexane	43	3.773	3.773	0.000	95	58415	20.0	20.1	
34 Isopropyl ether	45	3.974	3.974	0.000	97	249562	20.0	21.4	
35 1,1-Dichloroethane	63	3.998	3.998	0.000	99	126657	20.0	21.1	
36 Vinyl acetate	86	4.011	4.011	0.000	100	21789	40.0	38.2	
37 2-Chloro-1,3-butadiene	88	4.041	4.041	0.000	93	51191	NC	NC	
38 Tert-butyl ethyl ether	59	4.261	4.254	0.006	88	202520	NC	NC	
* 39 2-Butanone-d5	46	4.425	4.425	0.000	96	327815	250.0	250.0	
40 2,2-Dichloropropane	97	4.456	4.449	0.007	89	17812	20.0	17.2	
41 cis-1,2-Dichloroethene	96	4.462	4.456	0.006	90	64495	20.0	20.1	
42 2-Butanone (MEK)	72	4.474	4.474	0.000	95	33436	100.0	93.0	
43 Ethyl acetate	70	4.474	4.474	0.000	96	11254	40.0	38.2	
44 Methyl acrylate	55	4.523	4.517	0.006	57	55020	NC	NC	
45 Propionitrile	54	4.590	4.590	0.000	98	99145	NC	NC	
46 Tetrahydrofuran	72	4.651	4.645	0.006	65	15731	40.0	37.3	
47 Chlorobromomethane	128	4.651	4.651	0.000	95	27317	20.0	19.2	
48 Methacrylonitrile	67	4.675	4.669	0.006	95	255701	NC	NC	
49 Chloroform	83	4.693	4.687	0.006	97	104401	20.0	20.7	
50 Cyclohexane	56	4.803	4.803	0.000	96	109333	20.0	21.3	
52 1,1,1-Trichloroethane	97	4.815	4.815	0.000	96	78504	20.0	18.9	
$ 53 Dibromofluoromethane (Surr	113	4.821	4.815	0.006	95	128157	50.0	50.0	
54 Carbon tetrachloride	117	4.913	4.907	0.006	96	61260	20.0	18.0	
55 1,1-Dichloropropene	75	4.931	4.925	0.006	94	77593	20.0	19.9	
56 Isobutyl alcohol	43	5.023	5.023	0.000	93	105642	NC	NC	
57 Isooctane	57	5.059	5.053	0.006	98	186304	NC	NC	
58 Benzene	78	5.090	5.090	0.000	98	229386	20.0	20.5	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.096	5.096	0.000	99	166465	50.0	53.5	
60 Isopropyl acetate	43	5.126	5.126	0.000	96	201791	20.0	20.6	
61 Tert-amyl methyl ether	73	5.132	5.132	0.000	92	183722	NC	NC	
62 1,2-Dichloroethane	62	5.157	5.157	0.000	96	76313	20.0	20.6	
63 n-Heptane	71	5.193	5.193	0.000	95	46724	20.0	19.8	
* 64 Fluorobenzene	96	5.309	5.303	0.006	97	485120	50.0	50.0	
65 n-Butanol	56	5.522	5.516	0.006	91	33158	500.0	451.0	
66 Trichloroethene	95	5.571	5.571	0.000	94	49955	20.0	18.9	
67 Ethyl acrylate	55	5.663	5.663	0.000	98	152651	20.0	19.4	
68 Methylcyclohexane	83	5.675	5.675	0.000	95	86646	20.0	20.0	
69 1,2-Dichloropropane	63	5.809	5.809	0.000	94	63300	20.0	19.9	
* 70 1,4-Dioxane-d8	96	5.846	5.846	0.000	37	23135	1000.0	1000.0	
71 Methyl methacrylate	100	5.852	5.852	0.000	93	24326	40.0	38.8	
72 n-Propyl acetate	43	5.894	5.888	0.006	98	85688	20.0	20.9	
73 1,4-Dioxane	88	5.894	5.894	0.000	38	11868	400.0	489.6	
74 Dibromomethane	93	5.913	5.913	0.000	90	32753	20.0	20.0	
75 Dichlorobromomethane	83	6.028	6.028	0.000	98	65709	20.0	18.4	
76 2-Chloroethyl vinyl ether	63	6.303	6.309	-0.006	97	34460	20.0	20.3	
77 2-Nitropropane	41	6.321	6.321	0.000	99	23556	NC	NC	
78 Epichlorohydrin	57	6.413	6.413	0.001	99	112856	400.0	389.3	
79 cis-1,3-Dichloropropene	75	6.455	6.455	0.000	95	79994	20.0	19.7	
80 4-Methyl-2-pentanone (MIBK	43	6.589	6.589	0.000	98	331331	100.0	99.1	
$ 81 Toluene-d8 (Surr)	98	6.662	6.662	0.000	98	444902	50.0	51.9	
82 Toluene	91	6.717	6.717	0.000	93	203823	20.0	19.9	
83 trans-1,3-Dichloropropene	75	6.955	6.955	0.000	98	65562	20.0	18.8	
84 Ethyl methacrylate	69	6.967	6.967	0.000	88	64457	NC	NC	
85 1,1,2-Trichloroethane	83	7.108	7.107	0.001	95	39633	20.0	21.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Tetrachloroethene	166	7.144	7.144	0.000	92	37679	20.0	18.1	
87 1,3-Dichloropropane	76	7.242	7.242	0.000	97	78194	20.0	21.5	
88 2-Hexanone	43	7.272	7.272	0.000	98	202104	100.0	100.3	
89 n-Butyl acetate	73	7.327	7.327	0.000	98	13691	20.0	20.1	
90 Chlorodibromomethane	129	7.388	7.388	0.000	97	38920	20.0	17.7	
91 Ethylene Dibromide	107	7.485	7.485	0.000	97	39629	20.0	20.7	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	91	300248	50.0	50.0	
93 Chlorobenzene	112	7.803	7.802	0.000	89	119218	20.0	19.9	
94 Ethylbenzene	106	7.851	7.851	0.000	100	66965	20.0	19.7	
95 1,1,1,2-Tetrachloroethane	131	7.857	7.857	0.000	93	42398	20.0	17.9	
96 m-Xylene & p-Xylene	106	7.924	7.924	0.000	98	82499	20.0	19.4	
97 n-Butyl acrylate	73	8.150	8.150	0.000	96	41857	20.0	19.1	
98 o-Xylene	106	8.187	8.187	0.000	92	86506	20.0	19.6	
99 Styrene	104	8.199	8.199	0.000	93	139693	20.0	19.4	
100 Amyl acetate (mixed isomer	43	8.284	8.284	0.000	89	130128	20.0	20.6	
101 Bromoform	173	8.339	8.339	0.000	91	22658	20.0	15.4	
102 Isopropylbenzene	105	8.400	8.400	0.000	97	225962	20.0	19.7	
$ 103 4-Bromofluorobenzene	174	8.522	8.528	-0.006	79	110707	50.0	46.1	
104 Bromobenzene	156	8.613	8.613	0.000	91	48444	20.0	19.1	
105 1,1,2,2-Tetrachloroethane	83	8.619	8.619	0.000	99	71656	20.0	22.1	
106 N-Propylbenzene	91	8.638	8.638	0.000	98	305673	20.0	21.2	
107 1,2,3-Trichloropropane	110	8.656	8.656	0.000	96	17620	20.0	21.3	
108 trans-1,4-Dichloro-2-buten	53	8.656	8.656	0.000	72	14628	NC	NC	
109 4-Ethyltoluene	105	8.705	8.705	0.000	97	237188	NC	NC	
110 2-Chlorotoluene	91	8.711	8.711	0.000	96	204206	20.0	21.0	
111 1,3,5-Trimethylbenzene	105	8.741	8.741	0.000	92	199800	20.0	21.0	
112 Butyl Methacrylate	87	8.778	8.778	0.000	72	80222	20.0	20.4	
113 4-Chlorotoluene	91	8.778	8.778	0.000	97	180806	20.0	21.9	
114 tert-Butylbenzene	119	8.918	8.918	0.000	91	151832	20.0	19.5	
115 1,2,4-Trimethylbenzene	105	8.955	8.955	0.000	98	209847	20.0	21.0	
116 sec-Butylbenzene	105	9.040	9.040	0.000	99	258563	20.0	20.9	
117 4-Isopropyltoluene	119	9.119	9.119	0.000	97	213336	20.0	20.4	
118 1,3-Dichlorobenzene	146	9.138	9.138	0.000	93	106550	20.0	20.8	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	98	172657	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.192	9.192	0.000	89	108007	20.0	20.5	
121 Benzyl chloride	91	9.278	9.278	0.000	97	109168	20.0	16.5	
122 2,3-Dihydroindene	117	9.320	9.320	0.000	92	238537	NC	NC	
123 p-Diethylbenzene	119	9.333	9.339	-0.006	91	142181	NC	NC	
124 n-Butylbenzene	92	9.351	9.351	0.000	97	135258	20.0	23.3	
125 1,2-Dichlorobenzene	146	9.418	9.418	0.000	92	107015	20.0	21.2	
126 1,2,4,5-Tetramethylbenzene	119	9.826	9.826	0.000	96	202975	NC	NC	
127 1,2-Dibromo-3-Chloropropan	75	9.924	9.924	0.000	89	11969	20.0	21.8	
128 1,3,5-Trichlorobenzene	180	10.022	10.022	0.000	94	73147	NC	NC	
129 1,2,4-Trichlorobenzene	180	10.497	10.503	-0.006	93	62823	20.0	21.2	
130 Hexachlorobutadiene	225	10.570	10.576	-0.006	89	27167	20.0	19.6	
131 Naphthalene	128	10.723	10.729	-0.006	98	162531	20.0	24.5	
132 1,2,3-Trichlorobenzene	180	10.930	10.936	-0.006	92	51283	20.0	23.9	
S 133 1,2-Dichloroethene, Total	100				0		40.0	39.6	
S 134 Xylenes, Total	100				0		40.0	38.9	
S 135 Total BTEX	1				0		100.0	99.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

GASES Li_00173	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00043	Amount Added:	20.00	Units: uL	
ACROLEIN W_00056	Amount Added:	4.00	Units: uL	
8260ISNEW_00085	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00140	Amount Added:	1.00	Units: uL	Run Reagent

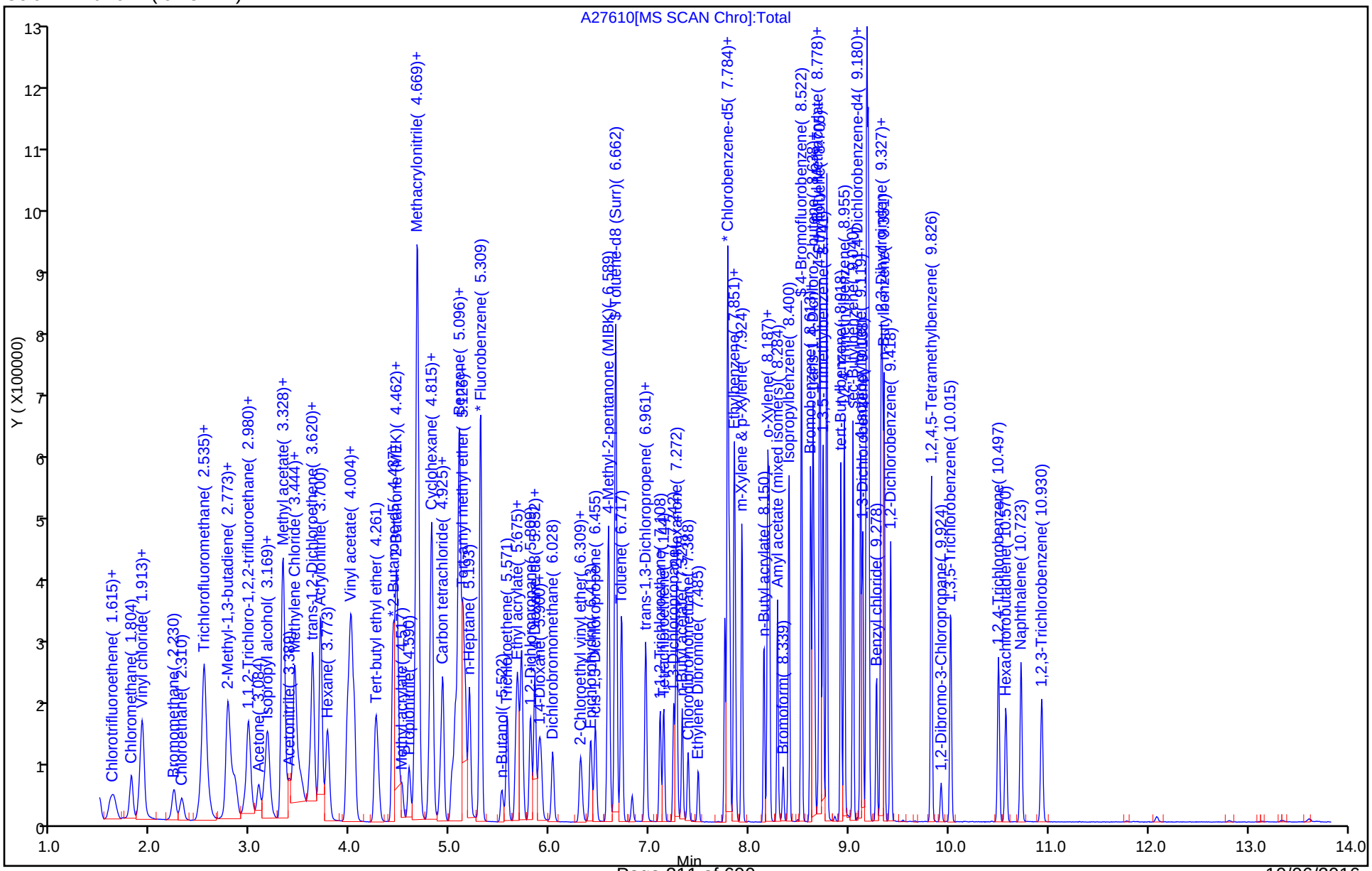
Report Date: 03-Oct-2016 07:14:48 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27610.D

Injection Date:	02-Oct-2016 07:26:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	LCS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-15 MS | Lab Sample ID: 460-121138-1 MS

Matrix: Water | Lab File ID: A27638.D

Analysis Method: 624 | Date Collected: 09/28/2016 10:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 17:41

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	172		10	3.7
75-01-4	Vinyl chloride	169		10	0.60
74-83-9	Bromomethane	167		10	1.8
74-87-3	Chloromethane	164		10	2.2
67-64-1	Acetone	832		50	11
75-15-0	Carbon disulfide	128		10	2.2
75-09-2	Methylene Chloride	192		10	2.1
75-69-4	Trichlorofluoromethane	155		10	1.5
75-35-4	1,1-Dichloroethene	176		10	3.4
67-66-3	Chloroform	193		10	2.2
108-88-3	Toluene	184		10	2.5
71-43-2	Benzene	190		10	0.90
76-13-1	Freon TF	164		10	3.4
100-42-5	Styrene	176		10	1.7
75-25-2	Bromoform	112		10	1.8
110-82-7	Cyclohexane	188		10	2.6
56-23-5	Carbon tetrachloride	161		10	3.3
108-90-7	Chlorobenzene	185		10	2.4
79-34-5	1,1,2,2-Tetrachloroethane	210		10	1.9
120-82-1	1,2,4-Trichlorobenzene	157		10	2.7
87-61-6	1,2,3-Trichlorobenzene	153		10	3.5
95-50-1	1,2-Dichlorobenzene	190		10	2.2
541-73-1	1,3-Dichlorobenzene	191		10	3.3
106-46-7	1,4-Dichlorobenzene	188		10	3.3
96-12-8	1,2-Dibromo-3-Chloropropane	178		10	2.3
79-00-5	1,1,2-Trichloroethane	194		10	0.80
108-10-1	4-Methyl-2-pentanone	897		50	6.3
123-91-1	p-Dioxane	4260		500	87
107-06-2	1,2-Dichloroethane	200		10	2.5
78-93-3	2-Butanone	836		50	22
75-34-3	1,1-Dichloroethane	199		10	2.4
591-78-6	2-Hexanone	907		50	7.2
1634-04-4	MTBE	189		10	1.3
127-18-4	Tetrachloroethene	165		10	1.2
98-82-8	Isopropylbenzene	177		10	3.2
100-41-4	Ethylbenzene	182		10	3.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-15 MS | Lab Sample ID: 460-121138-1 MS

Matrix: Water | Lab File ID: A27638.D

Analysis Method: 624 | Date Collected: 09/28/2016 10:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 17:41

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	161		10	1.5
75-71-8	Dichlorodifluoromethane	130		10	1.4
79-20-9	Methyl acetate	1040		50	5.8
10061-02-6	trans-1,3-Dichloropropene	160		10	1.9
156-60-5	trans-1,2-Dichloroethene	185		10	1.8
156-59-2	cis-1,2-Dichloroethene	187		10	2.6
10061-01-5	cis-1,3-Dichloropropene	163		10	1.6
1330-20-7	Xylenes, Total	362		20	2.8
79-01-6	Trichloroethene	181		10	2.2
108-87-2	Methylcyclohexane	170		10	2.2
71-55-6	1,1,1-Trichloroethane	176		10	2.8
78-87-5	1,2-Dichloropropane	185		10	1.8
124-48-1	Dibromochloromethane	143		10	2.2
106-93-4	1,2-Dibromoethane	191		10	1.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		48-130
2037-26-5	Toluene-d8 (Surr)	101		80-120
460-00-4	Bromofluorobenzene	91		71-131
1868-53-7	Dibromofluoromethane (Surr)	99		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-15 MSD | Lab Sample ID: 460-121138-1 MSD

Matrix: Water | Lab File ID: A27639.D

Analysis Method: 624 | Date Collected: 09/28/2016 10:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 18:02

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	220		10	3.7
75-01-4	Vinyl chloride	212		10	0.60
74-83-9	Bromomethane	210		10	1.8
74-87-3	Chloromethane	208		10	2.2
67-64-1	Acetone	984		50	11
75-15-0	Carbon disulfide	176		10	2.2
75-09-2	Methylene Chloride	230		10	2.1
75-69-4	Trichlorofluoromethane	204		10	1.5
75-35-4	1,1-Dichloroethene	210		10	3.4
67-66-3	Chloroform	236		10	2.2
108-88-3	Toluene	232		10	2.5
71-43-2	Benzene	241		10	0.90
76-13-1	Freon TF	204		10	3.4
100-42-5	Styrene	220		10	1.7
75-25-2	Bromoform	154		10	1.8
110-82-7	Cyclohexane	232		10	2.6
56-23-5	Carbon tetrachloride	205		10	3.3
108-90-7	Chlorobenzene	227		10	2.4
79-34-5	1,1,2,2-Tetrachloroethane	250		10	1.9
120-82-1	1,2,4-Trichlorobenzene	210		10	2.7
87-61-6	1,2,3-Trichlorobenzene	234		10	3.5
95-50-1	1,2-Dichlorobenzene	235		10	2.2
541-73-1	1,3-Dichlorobenzene	229		10	3.3
106-46-7	1,4-Dichlorobenzene	229		10	3.3
96-12-8	1,2-Dibromo-3-Chloropropane	232		10	2.3
79-00-5	1,1,2-Trichloroethane	240		10	0.80
108-10-1	4-Methyl-2-pentanone	1110		50	6.3
123-91-1	p-Dioxane	5470		500	87
107-06-2	1,2-Dichloroethane	241		10	2.5
78-93-3	2-Butanone	1040		50	22
75-34-3	1,1-Dichloroethane	243		10	2.4
591-78-6	2-Hexanone	1110		50	7.2
1634-04-4	MTBE	229		10	1.3
127-18-4	Tetrachloroethene	208		10	1.2
98-82-8	Isopropylbenzene	221		10	3.2
100-41-4	Ethylbenzene	227		10	3.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-15 MSD | Lab Sample ID: 460-121138-1 MSD

Matrix: Water | Lab File ID: A27639.D

Analysis Method: 624 | Date Collected: 09/28/2016 10:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 18:02

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	204		10	1.5
75-71-8	Dichlorodifluoromethane	172		10	1.4
79-20-9	Methyl acetate	1230		50	5.8
10061-02-6	trans-1,3-Dichloropropene	201		10	1.9
156-60-5	trans-1,2-Dichloroethene	225		10	1.8
156-59-2	cis-1,2-Dichloroethene	228		10	2.6
10061-01-5	cis-1,3-Dichloropropene	213		10	1.6
1330-20-7	Xylenes, Total	447		20	2.8
79-01-6	Trichloroethene	222		10	2.2
108-87-2	Methylcyclohexane	214		10	2.2
71-55-6	1,1,1-Trichloroethane	216		10	2.8
78-87-5	1,2-Dichloropropane	226		10	1.8
124-48-1	Dibromochloromethane	188		10	2.2
106-93-4	1,2-Dibromoethane	229		10	1.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		48-130
2037-26-5	Toluene-d8 (Surr)	105		80-120
460-00-4	Bromofluorobenzene	92		71-131
1868-53-7	Dibromofluoromethane (Surr)	99		80-120

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Instrument ID: CVOAMS1 Start Date: 09/08/2016 01:38

Analysis Batch Number: 389141 End Date: 09/08/2016 20:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-389141/1		09/08/2016 01:38	1	A26265.D	Rtx-624 0.25(mm)
STD7 460-389141/2 IC		09/08/2016 02:02	1	A26266.D	Rtx-624 0.25(mm)
STD1 460-389141/3 IC		09/08/2016 02:38	1	A26267.D	Rtx-624 0.25(mm)
STD5 460-389141/4 IC		09/08/2016 03:00	1	A26268.D	Rtx-624 0.25(mm)
STD20 460-389141/5 ICIS		09/08/2016 03:21	1	A26269.D	Rtx-624 0.25(mm)
STD50 460-389141/6 IC		09/08/2016 03:43	1	A26270.D	Rtx-624 0.25(mm)
STD200 460-389141/7 IC		09/08/2016 04:04	1	A26271.D	Rtx-624 0.25(mm)
STD500 460-389141/8 IC		09/08/2016 04:26	1	A26272.D	Rtx-624 0.25(mm)
ICV 460-389141/13		09/08/2016 06:56	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 07:18	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 08:29	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 12:08	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 12:30	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 13:37	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 13:59	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 14:20	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 14:42	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 15:04	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 15:26	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 15:49	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 16:33	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 16:57	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 17:19	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 17:40	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 18:01	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 18:24	5		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 19:29	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 19:50	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 20:12	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 20:34	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 20:55	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Instrument ID: CVOAMS1 Start Date: 10/02/2016 06:10

Analysis Batch Number: 394312 End Date: 10/03/2016 02:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-394312/1		10/02/2016 06:10	1	A27607.D	Rtx-624 0.25(mm)
CCVIS 460-394312/3		10/02/2016 07:05	1	A27609.D	Rtx-624 0.25(mm)
LCS 460-394312/4		10/02/2016 07:26	1	A27610.D	Rtx-624 0.25(mm)
MB 460-394312/7		10/02/2016 08:31	1	A27613.D	Rtx-624 0.25(mm)
460-121138-1 MS		10/02/2016 17:41	10	A27638.D	Rtx-624 0.25(mm)
460-121138-1 MSD		10/02/2016 18:02	10	A27639.D	Rtx-624 0.25(mm)
460-121138-9		10/02/2016 19:08	1	A27642.D	Rtx-624 0.25(mm)
460-121138-11		10/02/2016 19:29	1	A27643.D	Rtx-624 0.25(mm)
ZZZZZ		10/02/2016 19:51	1		Rtx-624 0.25(mm)
ZZZZZ		10/02/2016 20:13	1		Rtx-624 0.25(mm)
460-121138-1		10/02/2016 20:35	1	A27646.D	Rtx-624 0.25(mm)
460-121138-2		10/02/2016 20:56	1	A27647.D	Rtx-624 0.25(mm)
460-121138-3		10/02/2016 21:18	1	A27648.D	Rtx-624 0.25(mm)
460-121138-4		10/02/2016 21:40	1	A27649.D	Rtx-624 0.25(mm)
460-121138-5		10/02/2016 22:02	1	A27650.D	Rtx-624 0.25(mm)
460-121138-6		10/02/2016 22:24	1	A27651.D	Rtx-624 0.25(mm)
460-121138-7		10/02/2016 22:45	1	A27652.D	Rtx-624 0.25(mm)
460-121138-8		10/02/2016 23:07	1	A27653.D	Rtx-624 0.25(mm)
460-121138-10		10/02/2016 23:28	1	A27654.D	Rtx-624 0.25(mm)
ZZZZZ		10/02/2016 23:50	1		Rtx-624 0.25(mm)
ZZZZZ		10/03/2016 00:12	1		Rtx-624 0.25(mm)
ZZZZZ		10/03/2016 00:34	1		Rtx-624 0.25(mm)
ZZZZZ		10/03/2016 00:55	1		Rtx-624 0.25(mm)
ZZZZZ		10/03/2016 02:01	1		Rtx-624 0.25(mm)

Method 625

Semivolatile Organic Compounds (GC/MS) by Method 625

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	NBZ #	FBP #	TPHL #
MW-15	460-121138-1	75	81	78
MW-10	460-121138-2	78	79	72
MW-15D	460-121138-3	75	74	77
MW-21	460-121138-4	75	79	78
MW-20	460-121138-5	71	76	71
MW-6	460-121138-6	72	81	79
MW-6 Filtered	460-121138-7	71	76	76
MW-3D	460-121138-8	75	68	83
FB-20160928	460-121138-9	73	70	77
DUP-20160928	460-121138-10	69	74	77
	MB 460-394513/1-A	76	71	79
	LCS 460-394513/2-A	74	81	88
	LCSD 460-394513/3-A	74	80	84

	QC LIMITS
NBZ = Nitrobenzene-d5	49-125
FBP = 2-Fluorobiphenyl	44-129
TPHL = Terphenyl-d14	28-150

Column to be used to flag recovery values

FORM II 625

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Matrix: Water Level: Low Lab File ID: U29916.D

Lab ID: LCS 460-394513/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Bis(2-chloroethyl)ether	80.0	60.9	76	12-158	
1,3-Dichlorobenzene	80.0	59.0	74	0.1-172	
1,4-Dichlorobenzene	80.0	59.0	74	20-124	
1,2-Dichlorobenzene	80.0	59.7	75	32-129	
N-Nitrosodi-n-propylamine	80.0	54.4	68	0.1-230	
Hexachloroethane	80.0	56.6	71	40-113	
Nitrobenzene	80.0	59.4	74	35-180	
Isophorone	80.0	59.9	75	21-196	
Bis(2-chloroethoxy)methane	80.0	67.9	85	33-184	
1,2,4-Trichlorobenzene	80.0	59.6	75	44-142	
Naphthalene	80.0	64.7	81	21-133	
4-Chloroaniline	80.0	59.1	74	49-117	
Hexachlorobutadiene	80.0	58.0	73	24-116	
2-Methylnaphthalene	80.0	64.4	80	56-113	
Hexachlorocyclopentadiene	80.0	61.6	77	27-124	
2-Chloronaphthalene	80.0	68.4	85	60-118	
2-Nitroaniline	80.0	75.2	94	54-128	
Dimethyl phthalate	80.0	67.8	85	0.1-112	
Acenaphthylene	80.0	68.3	85	33-145	
2,6-Dinitrotoluene	80.0	74.6	93	50-158	
3-Nitroaniline	80.0	67.3	84	51-130	
Acenaphthene	80.0	76.1	95	47-145	
Dibenzofuran	80.0	71.0	89	59-121	
2,4-Dinitrotoluene	80.0	78.5	98	39-139	
Diethyl phthalate	80.0	73.1	91	0.1-114	
4-Chlorophenyl phenyl ether	80.0	72.0	90	25-158	
Fluorene	80.0	70.8	89	59-121	
4-Nitroaniline	80.0	74.7	93	48-136	
N-Nitrosodiphenylamine	80.0	68.8	86	53-130	
4-Bromophenyl phenyl ether	80.0	70.8	88	53-127	
Hexachlorobenzene	80.0	73.0	91	0.1-152	
Phenanthrene	80.0	71.9	90	54-120	
Anthracene	80.0	73.7	92	27-133	
Carbazole	80.0	73.1	91	64-129	
Di-n-butyl phthalate	80.0	69.1	86	1-118	
Fluoranthene	80.0	72.5	91	26-137	
Pyrene	80.0	78.4	98	52-115	
Butyl benzyl phthalate	80.0	79.8	100	0.1-152	
3,3'-Dichlorobenzidine	80.0	74.8	94	0.1-262	
Benzo[a]anthracene	80.0	77.0	96	33-143	
Chrysene	80.0	79.2	99	17-168	
Bis(2-ethylhexyl) phthalate	80.0	82.5	103	8-158	

Column to be used to flag recovery and RPD values

FORM III 625

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Matrix: Water Level: Low Lab File ID: U29916.D

Lab ID: LCS 460-394513/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Di-n-octyl phthalate	80.0	74.9	94	4-146	
Benzo[b]fluoranthene	80.0	71.9	90	24-159	
Benzo[k]fluoranthene	80.0	75.5	94	11-162	
Benzo[a]pyrene	80.0	73.1	91	17-163	
Indeno[1,2,3-cd]pyrene	80.0	75.1	94	0.1-171	
Dibenz(a,h)anthracene	80.0	85.5	107	0.1-227	
Benzo[g,h,i]perylene	80.0	79.3	99	0.1-219	
bis (2-chloroisopropyl) ether	80.0	59.5	74	36-166	

Column to be used to flag recovery and RPD values

FORM III 625

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Matrix: Water Level: Low Lab File ID: U29917.D

Lab ID: LCSD 460-394513/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Bis(2-chloroethyl)ether	80.0	60.5	76	1	40	12-158	
1,3-Dichlorobenzene	80.0	55.9	70	5	40	0.1-172	
1,4-Dichlorobenzene	80.0	56.6	71	4	40	20-124	
1,2-Dichlorobenzene	80.0	56.4	71	6	40	32-129	
N-Nitrosodi-n-propylamine	80.0	57.9	72	6	40	0.1-230	
Hexachloroethane	80.0	54.1	68	4	40	40-113	
Nitrobenzene	80.0	60.0	75	1	40	35-180	
Isophorone	80.0	62.2	78	4	40	21-196	
Bis(2-chloroethoxy)methane	80.0	67.1	84	1	40	33-184	
1,2,4-Trichlorobenzene	80.0	58.2	73	2	40	44-142	
Naphthalene	80.0	63.8	80	1	40	21-133	
4-Chloroaniline	80.0	62.4	78	5	40	49-117	
Hexachlorobutadiene	80.0	57.9	72	0	40	24-116	
2-Methylnaphthalene	80.0	62.0	78	4	40	56-113	
Hexachlorocyclopentadiene	80.0	60.5	76	2	40	27-124	
2-Chloronaphthalene	80.0	71.7	90	5	40	60-118	
2-Nitroaniline	80.0	79.1	99	5	40	54-128	
Dimethyl phthalate	80.0	68.8	86	1	40	0.1-112	
Acenaphthylene	80.0	69.6	87	2	40	33-145	
2,6-Dinitrotoluene	80.0	80.1	100	7	40	50-158	
3-Nitroaniline	80.0	70.8	89	5	40	51-130	
Acenaphthene	80.0	82.2	103	8	40	47-145	
Dibenzofuran	80.0	70.3	88	1	40	59-121	
2,4-Dinitrotoluene	80.0	80.9	101	3	40	39-139	
Diethyl phthalate	80.0	73.6	92	1	40	0.1-114	
4-Chlorophenyl phenyl ether	80.0	75.7	95	5	40	25-158	
Fluorene	80.0	69.2	86	2	40	59-121	
4-Nitroaniline	80.0	76.6	96	3	40	48-136	
N-Nitrosodiphenylamine	80.0	69.2	86	1	40	53-130	
4-Bromophenyl phenyl ether	80.0	69.7	87	2	40	53-127	
Hexachlorobenzene	80.0	72.1	90	1	40	0.1-152	
Phenanthrene	80.0	72.2	90	0	40	54-120	
Anthracene	80.0	70.8	89	4	40	27-133	
Carbazole	80.0	70.3	88	4	40	64-129	
Di-n-butyl phthalate	80.0	69.7	87	1	40	1-118	
Fluoranthene	80.0	71.4	89	1	40	26-137	
Pyrene	80.0	77.8	97	1	40	52-115	
Butyl benzyl phthalate	80.0	81.0	101	2	40	0.1-152	
3,3'-Dichlorobenzidine	80.0	72.7	91	3	40	0.1-262	
Benzo[a]anthracene	80.0	74.3	93	4	40	33-143	
Chrysene	80.0	79.1	99	0	40	17-168	
Bis(2-ethylhexyl) phthalate	80.0	80.9	101	2	40	8-158	

Column to be used to flag recovery and RPD values

FORM III 625

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Matrix: Water Level: Low Lab File ID: U29917.D

Lab ID: LCSD 460-394513/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Di-n-octyl phthalate	80.0	73.8	92	1	40	4-146	
Benzo[b]fluoranthene	80.0	75.2	94	4	40	24-159	
Benzo[k]fluoranthene	80.0	69.8	87	8	40	11-162	
Benzo[a]pyrene	80.0	74.4	93	2	40	17-163	
Indeno[1,2,3-cd]pyrene	80.0	85.7	107	13	40	0.1-171	
Dibenz(a,h)anthracene	80.0	81.0	101	5	40	0.1-227	
Benzo[g,h,i]perylene	80.0	78.6	98	1	40	0.1-219	
bis (2-chloroisopropyl) ether	80.0	57.7	72	3	40	36-166	

Column to be used to flag recovery and RPD values

FORM III 625

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Lab File ID: U29915.D Lab Sample ID: MB 460-394513/1-A

Matrix: Water Date Extracted: 10/03/2016 10:31

Instrument ID: CBNAMS4 Date Analyzed: 10/04/2016 01:54

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-394513/2-A	U29916.D	10/04/2016 02:16
	LCSD 460-394513/3-A	U29917.D	10/04/2016 02:38
MW-15	460-121138-1	U29920.D	10/04/2016 03:44
MW-10	460-121138-2	U29921.D	10/04/2016 04:06
MW-15D	460-121138-3	U29922.D	10/04/2016 04:28
MW-21	460-121138-4	U29923.D	10/04/2016 04:50
MW-20	460-121138-5	U29924.D	10/04/2016 05:12
MW-6	460-121138-6	U29925.D	10/04/2016 05:35
MW-6 Filtered	460-121138-7	U29926.D	10/04/2016 05:57
MW-3D	460-121138-8	U29927.D	10/04/2016 06:19
FB-20160928	460-121138-9	U29928.D	10/04/2016 06:41
DUP-20160928	460-121138-10	U29929.D	10/04/2016 07:03

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Lab File ID: U29891.D DFTPP Injection Date: 10/03/2016

Instrument ID: CBNAMS4 DFTPP Injection Time: 16:06

Analysis Batch No.: 394601

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	53.8	
68	Less than 2.0 % of mass 69	0.0	(0.0) 1
69	Mass 69 relative abundance	63.6	
70	Less than 2.0 % of mass 69	0.2	(0.3) 1
127	40.0 - 60.0 % of mass 198	53.1	
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	6.3	
275	10.0 - 30.0 % of mass 198	19.9	
365	Greater than 1.0 % of mass 198	3.4	
441	Present but less than mass 443	7.8	(89.9) 3
442	Greater than 40.0 % of mass 198	46.4	
443	17.0 - 23.0 % of mass 442	8.7	(18.7) 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
	ICIS 460-394601/2	U29892.D	10/03/2016	16:32
	STD24 460-394601/3	U29893.D	10/03/2016	17:13
	STD16 460-394601/4	U29894.D	10/03/2016	17:35
	STD4 460-394601/5	U29895.D	10/03/2016	17:57
	STD2 460-394601/6	U29896.D	10/03/2016	18:20
	STD1 460-394601/7	U29897.D	10/03/2016	18:42
	STD02 460-394601/8	U29898.D	10/03/2016	19:04
	STD01 460-394601/9	U29899.D	10/03/2016	19:27
	STD10 460-394601/10	U29900.D	10/03/2016	20:01
	STD24 460-394601/11	U29901.D	10/03/2016	20:24
	STD16 460-394601/12	U29902.D	10/03/2016	20:46
	STD4 460-394601/13	U29903.D	10/03/2016	21:08
	STD2 460-394601/14	U29904.D	10/03/2016	21:30
	STD1 460-394601/15	U29905.D	10/03/2016	21:53
	STD02 460-394601/16	U29906.D	10/03/2016	22:15
	ICV 460-394601/17	U29907.D	10/03/2016	22:37
	ICV 460-394601/18	U29908.D	10/03/2016	22:59
	MB 460-394513/1-A	U29915.D	10/04/2016	01:54
	LCS 460-394513/2-A	U29916.D	10/04/2016	02:16
	LCSD 460-394513/3-A	U29917.D	10/04/2016	02:38
MW-15	460-121138-1	U29920.D	10/04/2016	03:44
MW-10	460-121138-2	U29921.D	10/04/2016	04:06
MW-15D	460-121138-3	U29922.D	10/04/2016	04:28
MW-21	460-121138-4	U29923.D	10/04/2016	04:50

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Lab File ID: U29891.D DFTPP Injection Date: 10/03/2016

Instrument ID: CBNAMS4 DFTPP Injection Time: 16:06

Analysis Batch No.: 394601

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	53.8	
68	Less than 2.0 % of mass 69	0.0	(0.0) 1
69	Mass 69 relative abundance	63.6	
70	Less than 2.0 % of mass 69	0.2	(0.3) 1
127	40.0 - 60.0 % of mass 198	53.1	
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	6.3	
275	10.0 - 30.0 % of mass 198	19.9	
365	Greater than 1.0 % of mass 198	3.4	
441	Present but less than mass 443	7.8	(89.9) 3
442	Greater than 40.0 % of mass 198	46.4	
443	17.0 - 23.0 % of mass 442	8.7	(18.7) 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
MW-20	460-121138-5	U29924.D	10/04/2016	05:12
MW-6	460-121138-6	U29925.D	10/04/2016	05:35
MW-6 Filtered	460-121138-7	U29926.D	10/04/2016	05:57
MW-3D	460-121138-8	U29927.D	10/04/2016	06:19
FB-20160928	460-121138-9	U29928.D	10/04/2016	06:41
DUP-20160928	460-121138-10	U29929.D	10/04/2016	07:03

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Sample No.: ICIS 460-394601/2 Date Analyzed: 10/03/2016 16:32

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): U29892.D Heated Purge: (Y/N) N

Calibration ID: 58230

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		315828	4.60	1130232	5.88	665621	7.62
UPPER LIMIT		631656	5.10	2260464	6.38	1331242	8.12
LOWER LIMIT		157914	4.10	565116	5.38	332811	7.12
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-394601/17		338458	4.59	1202827	5.86	732898	7.61
ICV 460-394601/18		324838	4.58	1190248	5.86	754282	7.60
MB 460-394513/1-A		296147	4.58	1089732	5.86	728283	7.61
LCS 460-394513/2-A		311862	4.59	1080657	5.86	576829	7.61
LCSD 460-394513/3-A		336386	4.59	1175931	5.86	649272	7.61
460-121138-1	MW-15	346391	4.59	1285007	5.86	785553	7.60
460-121138-2	MW-10	322221	4.58	1132925	5.86	632385	7.61
460-121138-3	MW-15D	333096	4.59	1218739	5.86	759434	7.60
460-121138-4	MW-21	353278	4.58	1258841	5.85	699664	7.60
460-121138-5	MW-20	340918	4.58	1281330	5.85	754606	7.61
460-121138-6	MW-6	311141	4.58	1133739	5.85	682113	7.60
460-121138-7	MW-6 Filtered	312123	4.58	1165537	5.85	710985	7.60
460-121138-8	MW-3D	340940	4.58	1165332	5.86	749743	7.60
460-121138-9	FB-20160928	340270	4.58	1132691	5.85	712269	7.60
460-121138-10	DUP-20160928	321830	4.58	1219888	5.86	715983	7.60

DCBd4 = 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 625

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Sample No.: ICIS 460-394601/2 Date Analyzed: 10/03/2016 16:32

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): U29892.D Heated Purge: (Y/N) N

Calibration ID: 58230

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1073553	9.08	818471	11.89	725093	13.85
UPPER LIMIT		2147106	9.58	1636942	12.39	1450186	14.35
LOWER LIMIT		536777	8.58	409236	11.39	362547	13.35
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-394601/17		1255215	9.07	992199	11.88	888992	13.84
ICV 460-394601/18		1227767	9.07	1072091	11.87	869649	13.83
MB 460-394513/1-A		1172821	9.07	1009232	11.88	840759	13.85
LCS 460-394513/2-A		933766	9.08	697581	11.88	666651	13.84
LCSD 460-394513/3-A		1066550	9.06	802610	11.87	768312	13.84
460-121138-1	MW-15	1310596	9.06	1027016	11.86	828187	13.83
460-121138-2	MW-10	939320	9.06	797313	11.87	732173	13.83
460-121138-3	MW-15D	1197224	9.06	920389	11.87	768807	13.83
460-121138-4	MW-21	1145800	9.07	883480	11.87	744756	13.83
460-121138-5	MW-20	1127923	9.06	862434	11.87	761780	13.83
460-121138-6	MW-6	1172403	9.07	916536	11.87	767199	13.82
460-121138-7	MW-6 Filtered	1170170	9.06	908318	11.86	774341	13.83
460-121138-8	MW-3D	1164671	9.06	885897	11.87	738697	13.83
460-121138-9	FB-20160928	1073524	9.06	850710	11.86	744038	13.82
460-121138-10	DUP-20160928	1229914	9.06	987148	11.86	814439	13.82

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 625

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-15 | Lab Sample ID: 460-121138-1

Matrix: Water | Lab File ID: U29920.D

Analysis Method: 625 | Date Collected: 09/28/2016 10:00

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 240(mL) | Date Analyzed: 10/04/2016 03:44

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.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.13	U	1.0	0.13
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2
106-46-7	1,4-Dichlorobenzene	0.69	U	10	0.69
95-50-1	1,2-Dichlorobenzene	0.86	U	10	0.86
621-64-7	N-Nitrosodi-n-propylamine	0.86	U	1.0	0.86
67-72-1	Hexachloroethane	0.094	U	1.0	0.094
98-95-3	Nitrobenzene	0.51	U	1.0	0.51
78-59-1	Isophorone	0.70	U	10	0.70
111-91-1	Bis(2-chloroethoxy)methane	0.72	U	10	0.72
120-82-1	1,2,4-Trichlorobenzene	0.64	U	1.0	0.64
91-20-3	Naphthalene	0.83	U	10	0.83
106-47-8	4-Chloroaniline	0.76	U	10	0.76
87-68-3	Hexachlorobutadiene	0.79	U	1.0	0.79
91-57-6	2-Methylnaphthalene	0.92	U	10	0.92
77-47-4	Hexachlorocyclopentadiene	0.64	U	10	0.64
91-58-7	2-Chloronaphthalene	0.64	U	10	0.64
88-74-4	2-Nitroaniline	0.68	U	10	0.68
131-11-3	Dimethyl phthalate	1.0	U	10	1.0
208-96-8	Acenaphthylene	0.68	U	10	0.68
606-20-2	2,6-Dinitrotoluene	0.92	U	2.1	0.92
99-09-2	3-Nitroaniline	0.85	U	10	0.85
83-32-9	Acenaphthene	0.92	U	10	0.92
132-64-9	Dibenzofuran	0.89	U	10	0.89
121-14-2	2,4-Dinitrotoluene	1.1	U	2.1	1.1
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	1.0	U	10	1.0
86-73-7	Fluorene	0.83	U	10	0.83
100-01-6	4-Nitroaniline	0.50	U	10	0.50
86-30-6	N-Nitrosodiphenylamine	0.77	U	10	0.77
101-55-3	4-Bromophenyl phenyl ether	1.1	U	10	1.1
118-74-1	Hexachlorobenzene	0.49	U	1.0	0.49
85-01-8	Phenanthrene	0.68	U	10	0.68
120-12-7	Anthracene	0.59	U	10	0.59
86-74-8	Carbazole	0.89	U	10	0.89

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-15 | Lab Sample ID: 460-121138-1

Matrix: Water | Lab File ID: U29920.D

Analysis Method: 625 | Date Collected: 09/28/2016 10:00

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 240(mL) | Date Analyzed: 10/04/2016 03:44

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.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.85	U	10	0.85
206-44-0	Fluoranthene	0.75	U	10	0.75
129-00-0	Pyrene	0.86	U	10	0.86
85-68-7	Butyl benzyl phthalate	0.63	U	10	0.63
91-94-1	3,3'-Dichlorobenzidine	1.1	U	10	1.1
56-55-3	Benzo[a]anthracene	0.57	U	1.0	0.57
218-01-9	Chrysene	0.70	U	2.1	0.70
117-81-7	Bis(2-ethylhexyl) phthalate	0.75	U	2.1	0.75
117-84-0	Di-n-octyl phthalate	0.72	U	10	0.72
205-99-2	Benzo[b]fluoranthene	0.46	U	1.0	0.46
207-08-9	Benzo[k]fluoranthene	0.19	U	1.0	0.19
50-32-8	Benzo[a]pyrene	0.17	U	1.0	0.17
193-39-5	Indeno[1,2,3-cd]pyrene	0.22	U	1.0	0.22
53-70-3	Dibenz(a,h)anthracene	0.094	U	1.0	0.094
191-24-2	Benzo[g,h,i]perylene	0.78	U	10	0.78
108-60-1	bis (2-chloroisopropyl) ether	0.97	U	10	0.97

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	75		49-125
1718-51-0	Terphenyl-d14	78		28-150
321-60-8	2-Fluorobiphenyl	81		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-15 | Lab Sample ID: 460-121138-1

Matrix: Water | Lab File ID: U29920.D

Analysis Method: 625 | Date Collected: 09/28/2016 10:00

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 240(mL) | Date Analyzed: 10/04/2016 03:44

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.: 394601 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29920.D
Lims ID: 460-121138-D-1-A
Client ID: MW-15
Sample Type: Client
Inject. Date: 04-Oct-2016 03:44:30 ALS Bottle#: 30 Worklist Smp#: 30
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-030
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: zhaoc Date: 04-Oct-2016 12:54:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.589	4.592	-0.003	87	346391	8.00	
$ 28 Nitrobenzene-d5	82	5.137	5.153	-0.016	85	1306012	7.50	
* 38 Naphthalene-d8	136	5.861	5.861	0.000	95	1285007	8.00	
$ 52 2-Fluorobiphenyl	172	6.934	6.953	-0.019	94	1237970	8.13	
* 64 Acenaphthene-d10	164	7.598	7.609	-0.011	92	785553	8.00	
* 87 Phenanthrene-d10	188	9.058	9.080	-0.022	96	1310596	8.00	
$ 96 Terphenyl-d14	244	10.648	10.666	-0.018	99	1229933	7.78	
* 102 Chrysene-d12	240	11.864	11.885	-0.021	98	1027016	8.00	
* 109 Perylene-d12	264	13.833	13.843	-0.010	99	828187	8.00	

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

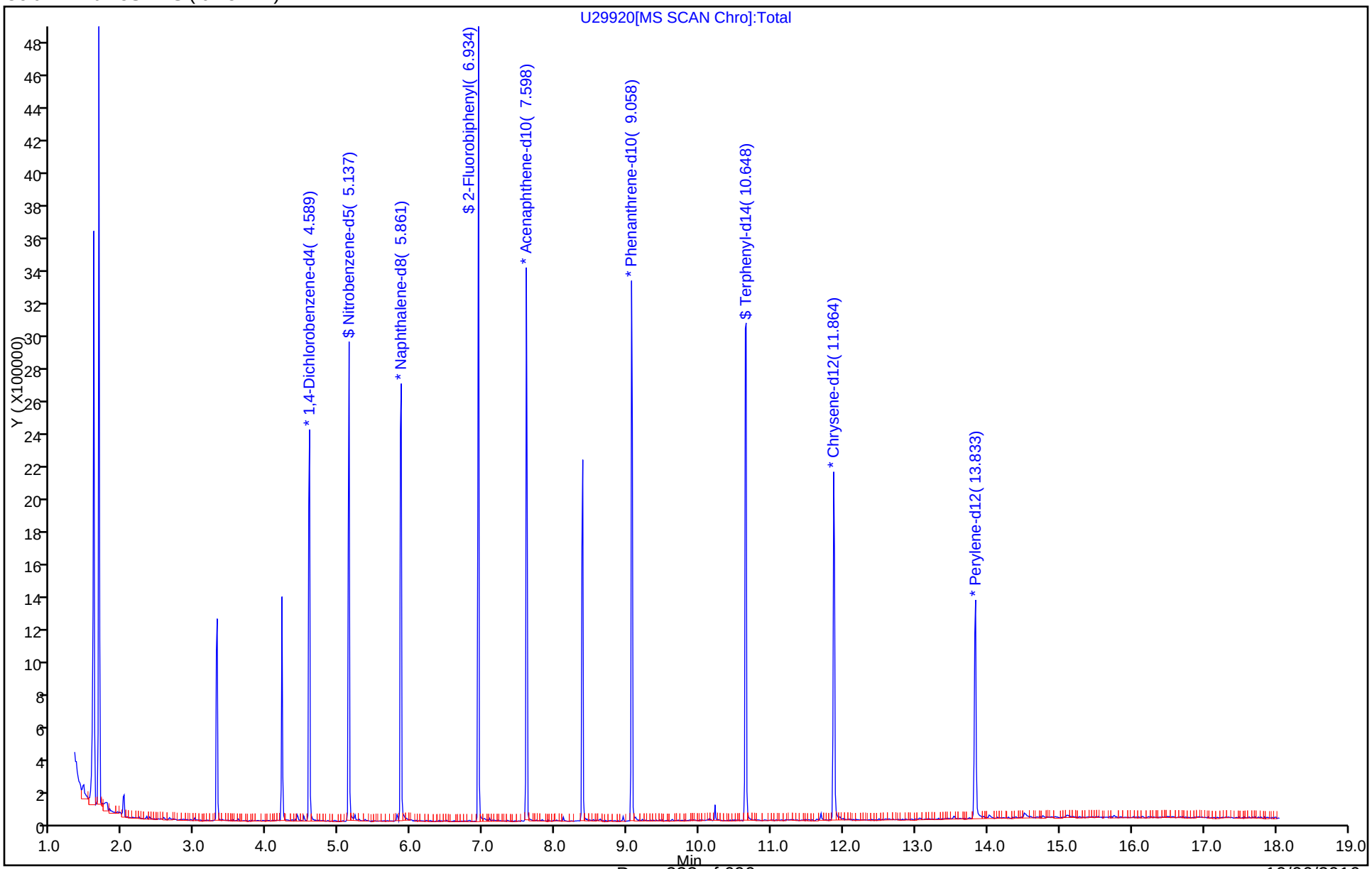
Report Date: 05-Oct-2016 14:15:55 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29920.D

Injection Date:	04-Oct-2016 03:44:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-121138-D-1-A	Lab Sample ID:	460-121138-1	Worklist Smp#:	30
Client ID:	MW-15				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	30
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-10 | Lab Sample ID: 460-121138-2

Matrix: Water | Lab File ID: U29921.D

Analysis Method: 625 | Date Collected: 09/28/2016 10:45

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 240(mL) | Date Analyzed: 10/04/2016 04:06

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.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.13	U	1.0	0.13
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2
106-46-7	1,4-Dichlorobenzene	0.69	U	10	0.69
95-50-1	1,2-Dichlorobenzene	0.86	U	10	0.86
621-64-7	N-Nitrosodi-n-propylamine	0.86	U	1.0	0.86
67-72-1	Hexachloroethane	0.094	U	1.0	0.094
98-95-3	Nitrobenzene	0.51	U	1.0	0.51
78-59-1	Isophorone	0.70	U	10	0.70
111-91-1	Bis(2-chloroethoxy)methane	0.72	U	10	0.72
120-82-1	1,2,4-Trichlorobenzene	0.64	U	1.0	0.64
91-20-3	Naphthalene	0.83	U	10	0.83
106-47-8	4-Chloroaniline	0.76	U	10	0.76
87-68-3	Hexachlorobutadiene	0.79	U	1.0	0.79
91-57-6	2-Methylnaphthalene	0.92	U	10	0.92
77-47-4	Hexachlorocyclopentadiene	0.64	U	10	0.64
91-58-7	2-Chloronaphthalene	0.64	U	10	0.64
88-74-4	2-Nitroaniline	0.68	U	10	0.68
131-11-3	Dimethyl phthalate	1.0	U	10	1.0
208-96-8	Acenaphthylene	0.68	U	10	0.68
606-20-2	2,6-Dinitrotoluene	0.92	U	2.1	0.92
99-09-2	3-Nitroaniline	0.85	U	10	0.85
83-32-9	Acenaphthene	0.92	U	10	0.92
132-64-9	Dibenzofuran	0.89	U	10	0.89
121-14-2	2,4-Dinitrotoluene	1.1	U	2.1	1.1
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	1.0	U	10	1.0
86-73-7	Fluorene	0.83	U	10	0.83
100-01-6	4-Nitroaniline	0.50	U	10	0.50
86-30-6	N-Nitrosodiphenylamine	0.77	U	10	0.77
101-55-3	4-Bromophenyl phenyl ether	1.1	U	10	1.1
118-74-1	Hexachlorobenzene	0.49	U	1.0	0.49
85-01-8	Phenanthrene	0.68	U	10	0.68
120-12-7	Anthracene	0.59	U	10	0.59
86-74-8	Carbazole	0.89	U	10	0.89

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-10 | Lab Sample ID: 460-121138-2

Matrix: Water | Lab File ID: U29921.D

Analysis Method: 625 | Date Collected: 09/28/2016 10:45

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 240(mL) | Date Analyzed: 10/04/2016 04:06

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.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.85	U	10	0.85
206-44-0	Fluoranthene	0.75	U	10	0.75
129-00-0	Pyrene	0.86	U	10	0.86
85-68-7	Butyl benzyl phthalate	0.63	U	10	0.63
91-94-1	3,3'-Dichlorobenzidine	1.1	U	10	1.1
56-55-3	Benzo[a]anthracene	0.57	U	1.0	0.57
218-01-9	Chrysene	0.70	U	2.1	0.70
117-81-7	Bis(2-ethylhexyl) phthalate	0.75	U	2.1	0.75
117-84-0	Di-n-octyl phthalate	0.72	U	10	0.72
205-99-2	Benzo[b]fluoranthene	0.46	U	1.0	0.46
207-08-9	Benzo[k]fluoranthene	0.19	U	1.0	0.19
50-32-8	Benzo[a]pyrene	0.17	U	1.0	0.17
193-39-5	Indeno[1,2,3-cd]pyrene	0.22	U	1.0	0.22
53-70-3	Dibenz(a,h)anthracene	0.094	U	1.0	0.094
191-24-2	Benzo[g,h,i]perylene	0.78	U	10	0.78
108-60-1	bis (2-chloroisopropyl) ether	0.97	U	10	0.97

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	78		49-125
1718-51-0	Terphenyl-d14	72		28-150
321-60-8	2-Fluorobiphenyl	79		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-10 | Lab Sample ID: 460-121138-2

Matrix: Water | Lab File ID: U29921.D

Analysis Method: 625 | Date Collected: 09/28/2016 10:45

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 240(mL) | Date Analyzed: 10/04/2016 04:06

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.: 394601 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29921.D
Lims ID: 460-121138-E-2-A
Client ID: MW-10
Sample Type: Client
Inject. Date: 04-Oct-2016 04:06:30 ALS Bottle#: 31 Worklist Smp#: 31
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-031
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: zhaoc Date: 04-Oct-2016 12:55:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.580	4.592	-0.012	85	322221	8.00	
$ 28 Nitrobenzene-d5	82	5.137	5.153	-0.016	85	1205132	7.85	
* 38 Naphthalene-d8	136	5.857	5.861	-0.004	95	1132925	8.00	
$ 52 2-Fluorobiphenyl	172	6.931	6.953	-0.022	94	973988	7.94	
* 64 Acenaphthene-d10	164	7.607	7.609	-0.002	94	632385	8.00	
* 87 Phenanthrene-d10	188	9.058	9.080	-0.022	97	939320	8.00	
$ 96 Terphenyl-d14	244	10.648	10.666	-0.018	98	881019	7.18	
* 102 Chrysene-d12	240	11.870	11.885	-0.015	99	797313	8.00	
* 109 Perylene-d12	264	13.832	13.843	-0.011	99	732173	8.00	

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

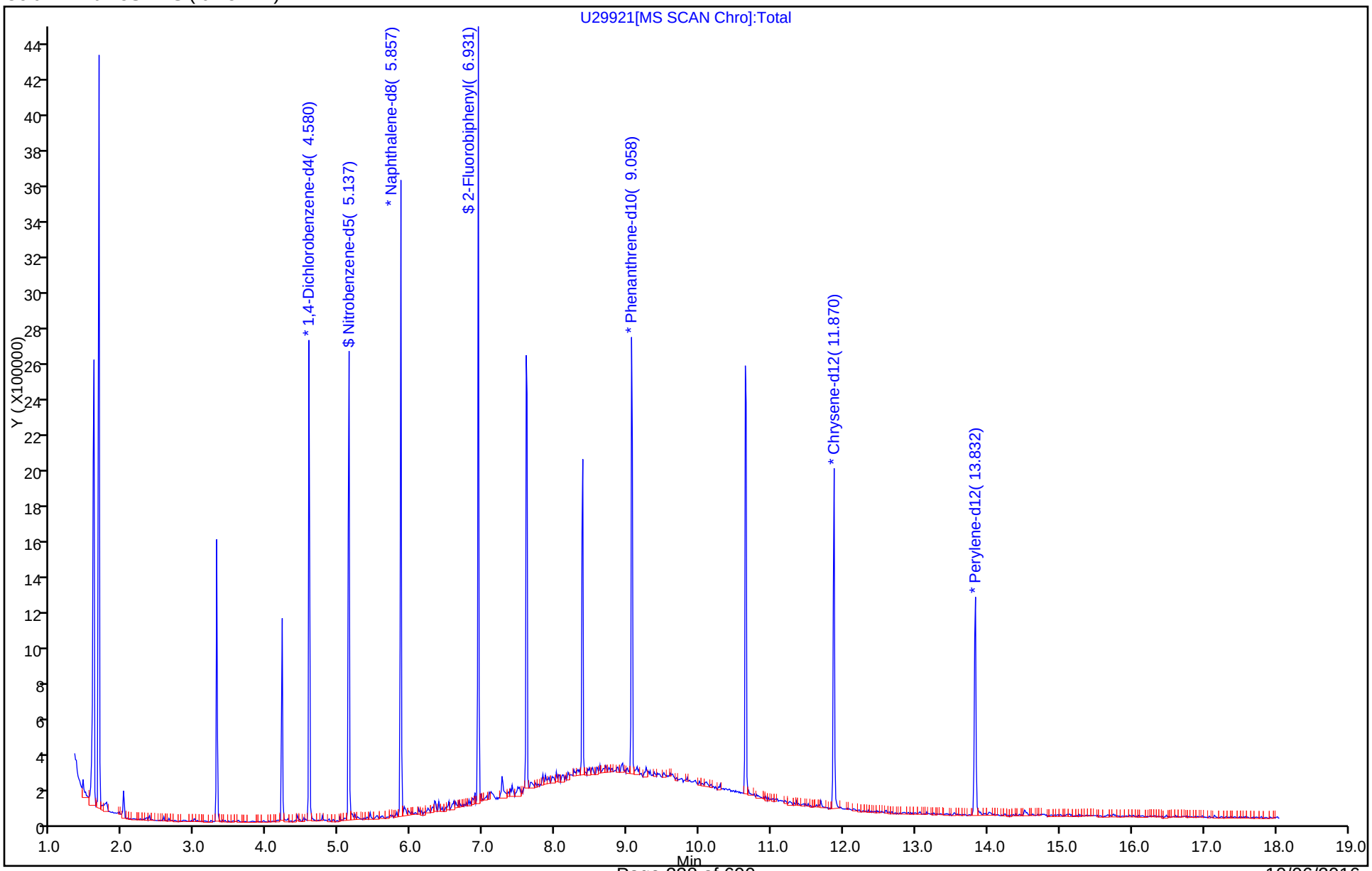
Report Date: 05-Oct-2016 14:15:59 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29921.D

Injection Date:	04-Oct-2016 04:06:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-121138-E-2-A	Lab Sample ID:	460-121138-2	Worklist Smp#:	31
Client ID:	MW-10				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	31
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-15D | Lab Sample ID: 460-121138-3

Matrix: Water | Lab File ID: U29922.D

Analysis Method: 625 | Date Collected: 09/28/2016 11:30

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 04:28

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.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.12	U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.1	U	10	1.1
106-46-7	1,4-Dichlorobenzene	0.66	U	10	0.66
95-50-1	1,2-Dichlorobenzene	0.83	U	10	0.83
621-64-7	N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83
67-72-1	Hexachloroethane	0.090	U	1.0	0.090
98-95-3	Nitrobenzene	0.49	U	1.0	0.49
78-59-1	Isophorone	0.67	U	10	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.69	U	10	0.69
120-82-1	1,2,4-Trichlorobenzene	0.61	U	1.0	0.61
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
91-57-6	2-Methylnaphthalene	0.88	U	10	0.88
77-47-4	Hexachlorocyclopentadiene	0.61	U	10	0.61
91-58-7	2-Chloronaphthalene	0.61	U	10	0.61
88-74-4	2-Nitroaniline	0.65	U	10	0.65
131-11-3	Dimethyl phthalate	0.98	U	10	0.98
208-96-8	Acenaphthylene	0.65	U	10	0.65
606-20-2	2,6-Dinitrotoluene	0.88	U	2.0	0.88
99-09-2	3-Nitroaniline	0.82	U	10	0.82
83-32-9	Acenaphthene	0.88	U	10	0.88
132-64-9	Dibenzofuran	0.85	U	10	0.85
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	0.96	U	10	0.96
86-73-7	Fluorene	0.80	U	10	0.80
100-01-6	4-Nitroaniline	0.48	U	10	0.48
86-30-6	N-Nitrosodiphenylamine	0.74	U	10	0.74
101-55-3	4-Bromophenyl phenyl ether	1.0	U	10	1.0
118-74-1	Hexachlorobenzene	0.47	U	1.0	0.47
85-01-8	Phenanthrene	0.65	U	10	0.65
120-12-7	Anthracene	0.57	U	10	0.57
86-74-8	Carbazole	0.85	U	10	0.85

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-15D | Lab Sample ID: 460-121138-3

Matrix: Water | Lab File ID: U29922.D

Analysis Method: 625 | Date Collected: 09/28/2016 11:30

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 04:28

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.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.82	U	10	0.82
206-44-0	Fluoranthene	0.72	U	10	0.72
129-00-0	Pyrene	0.83	U	10	0.83
85-68-7	Butyl benzyl phthalate	0.60	U	10	0.60
91-94-1	3,3'-Dichlorobenzidine	1.0	U	10	1.0
56-55-3	Benzo[a]anthracene	0.55	U	1.0	0.55
218-01-9	Chrysene	0.67	U	2.0	0.67
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
205-99-2	Benzo[b]fluoranthene	0.44	U	1.0	0.44
207-08-9	Benzo[k]fluoranthene	0.18	U	1.0	0.18
50-32-8	Benzo[a]pyrene	0.16	U	1.0	0.16
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
191-24-2	Benzo[g,h,i]perylene	0.75	U	10	0.75
108-60-1	bis (2-chloroisopropyl) ether	0.93	U	10	0.93

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	75		49-125
1718-51-0	Terphenyl-d14	77		28-150
321-60-8	2-Fluorobiphenyl	74		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-15D | Lab Sample ID: 460-121138-3

Matrix: Water | Lab File ID: U29922.D

Analysis Method: 625 | Date Collected: 09/28/2016 11:30

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 04:28

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.: 394601 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29922.D
Lims ID: 460-121138-G-3-A
Client ID: MW-15D
Sample Type: Client
Inject. Date: 04-Oct-2016 04:28:30 ALS Bottle#: 32 Worklist Smp#: 32
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-032
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: zhaoc Date: 04-Oct-2016 12:55:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.589	4.592	-0.003	87	333096	8.00	
$ 28 Nitrobenzene-d5	82	5.137	5.153	-0.016	85	1233632	7.47	
* 38 Naphthalene-d8	136	5.858	5.861	-0.003	96	1218739	8.00	
$ 52 2-Fluorobiphenyl	172	6.930	6.953	-0.023	94	1082838	7.35	
* 64 Acenaphthene-d10	164	7.604	7.609	-0.005	93	759434	8.00	
* 87 Phenanthrene-d10	188	9.063	9.080	-0.017	98	1197224	8.00	
$ 96 Terphenyl-d14	244	10.647	10.666	-0.019	99	1090524	7.70	
* 102 Chrysene-d12	240	11.873	11.885	-0.012	98	920389	8.00	
* 109 Perylene-d12	264	13.828	13.843	-0.015	99	768807	8.00	

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

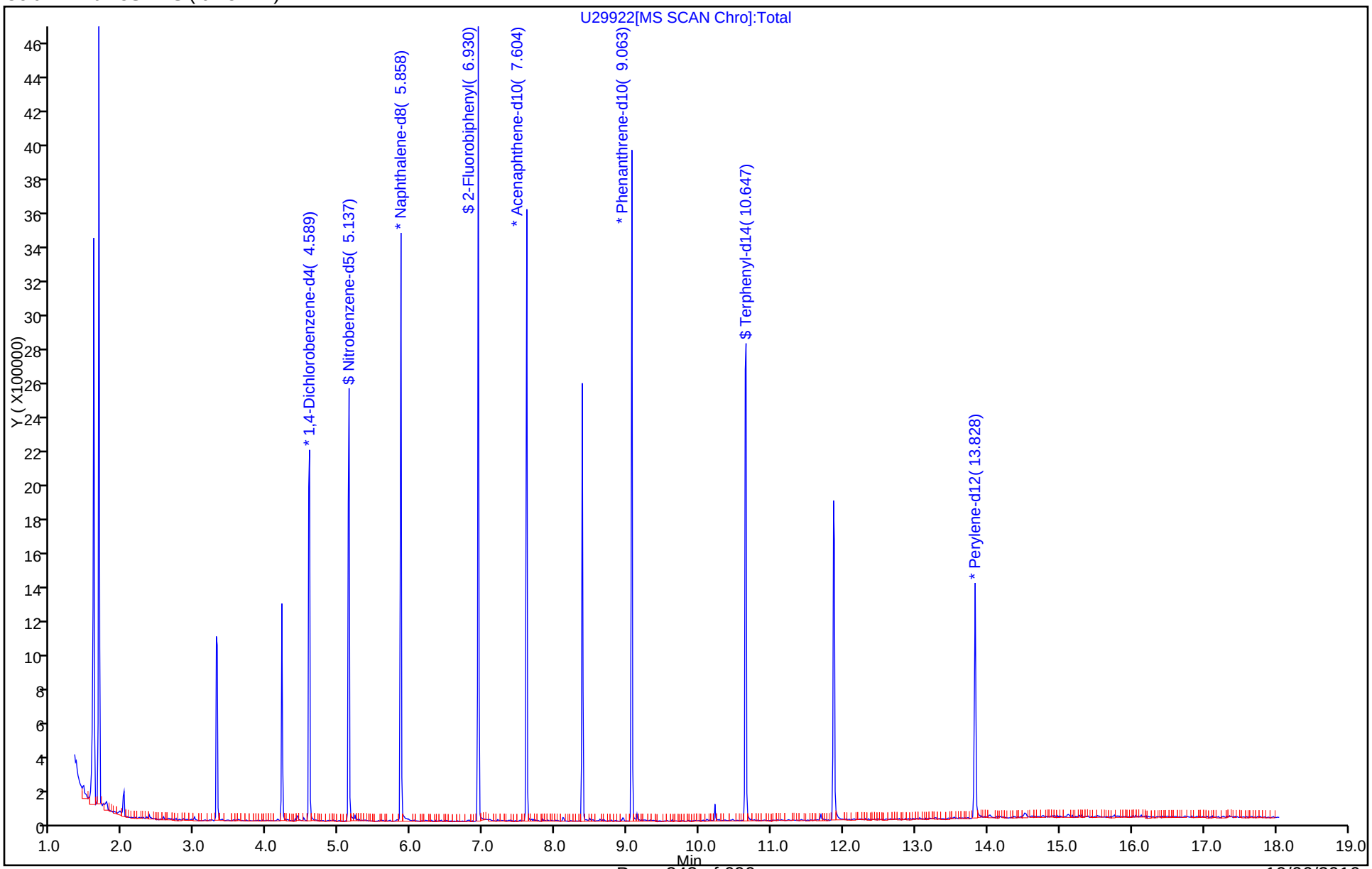
Report Date: 05-Oct-2016 14:16:05 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29922.D

Injection Date:	04-Oct-2016 04:28:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-121138-G-3-A	Lab Sample ID:	460-121138-3	Worklist Smp#:	32
Client ID:	MW-15D				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	32
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-21 | Lab Sample ID: 460-121138-4

Matrix: Water | Lab File ID: U29923.D

Analysis Method: 625 | Date Collected: 09/28/2016 13:40

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 240(mL) | Date Analyzed: 10/04/2016 04:50

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.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.13	U	1.0	0.13
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2
106-46-7	1,4-Dichlorobenzene	0.69	U	10	0.69
95-50-1	1,2-Dichlorobenzene	0.86	U	10	0.86
621-64-7	N-Nitrosodi-n-propylamine	0.86	U	1.0	0.86
67-72-1	Hexachloroethane	0.094	U	1.0	0.094
98-95-3	Nitrobenzene	0.51	U	1.0	0.51
78-59-1	Isophorone	0.70	U	10	0.70
111-91-1	Bis(2-chloroethoxy)methane	0.72	U	10	0.72
120-82-1	1,2,4-Trichlorobenzene	0.64	U	1.0	0.64
91-20-3	Naphthalene	0.83	U	10	0.83
106-47-8	4-Chloroaniline	0.76	U	10	0.76
87-68-3	Hexachlorobutadiene	0.79	U	1.0	0.79
91-57-6	2-Methylnaphthalene	0.92	U	10	0.92
77-47-4	Hexachlorocyclopentadiene	0.64	U	10	0.64
91-58-7	2-Chloronaphthalene	0.64	U	10	0.64
88-74-4	2-Nitroaniline	0.68	U	10	0.68
131-11-3	Dimethyl phthalate	1.0	U	10	1.0
208-96-8	Acenaphthylene	0.68	U	10	0.68
606-20-2	2,6-Dinitrotoluene	0.92	U	2.1	0.92
99-09-2	3-Nitroaniline	0.85	U	10	0.85
83-32-9	Acenaphthene	0.92	U	10	0.92
132-64-9	Dibenzofuran	0.89	U	10	0.89
121-14-2	2,4-Dinitrotoluene	1.1	U	2.1	1.1
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	1.0	U	10	1.0
86-73-7	Fluorene	0.83	U	10	0.83
100-01-6	4-Nitroaniline	0.50	U	10	0.50
86-30-6	N-Nitrosodiphenylamine	0.77	U	10	0.77
101-55-3	4-Bromophenyl phenyl ether	1.1	U	10	1.1
118-74-1	Hexachlorobenzene	0.49	U	1.0	0.49
85-01-8	Phenanthrene	0.68	U	10	0.68
120-12-7	Anthracene	0.59	U	10	0.59
86-74-8	Carbazole	0.89	U	10	0.89

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-21 | Lab Sample ID: 460-121138-4

Matrix: Water | Lab File ID: U29923.D

Analysis Method: 625 | Date Collected: 09/28/2016 13:40

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 240(mL) | Date Analyzed: 10/04/2016 04:50

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.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.85	U	10	0.85
206-44-0	Fluoranthene	0.75	U	10	0.75
129-00-0	Pyrene	0.86	U	10	0.86
85-68-7	Butyl benzyl phthalate	0.63	U	10	0.63
91-94-1	3,3'-Dichlorobenzidine	1.1	U	10	1.1
56-55-3	Benzo[a]anthracene	0.57	U	1.0	0.57
218-01-9	Chrysene	0.70	U	2.1	0.70
117-81-7	Bis(2-ethylhexyl) phthalate	0.75	U	2.1	0.75
117-84-0	Di-n-octyl phthalate	0.72	U	10	0.72
205-99-2	Benzo[b]fluoranthene	0.46	U	1.0	0.46
207-08-9	Benzo[k]fluoranthene	0.19	U	1.0	0.19
50-32-8	Benzo[a]pyrene	0.17	U	1.0	0.17
193-39-5	Indeno[1,2,3-cd]pyrene	0.22	U	1.0	0.22
53-70-3	Dibenz(a,h)anthracene	0.094	U	1.0	0.094
191-24-2	Benzo[g,h,i]perylene	0.78	U	10	0.78
108-60-1	bis (2-chloroisopropyl) ether	0.97	U	10	0.97

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	75		49-125
1718-51-0	Terphenyl-d14	78		28-150
321-60-8	2-Fluorobiphenyl	79		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-21 | Lab Sample ID: 460-121138-4

Matrix: Water | Lab File ID: U29923.D

Analysis Method: 625 | Date Collected: 09/28/2016 13:40

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 240(mL) | Date Analyzed: 10/04/2016 04:50

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.: 394601 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29923.D
Lims ID: 460-121138-G-4-A
Client ID: MW-21
Sample Type: Client
Inject. Date: 04-Oct-2016 04:50:30 ALS Bottle#: 33 Worklist Smp#: 33
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-033
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: zhaoc Date: 04-Oct-2016 12:56:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.582	4.592	-0.010	84	353278	8.00	
$ 28 Nitrobenzene-d5	82	5.131	5.153	-0.022	86	1278768	7.49	
* 38 Naphthalene-d8	136	5.854	5.861	-0.007	95	1258841	8.00	
$ 52 2-Fluorobiphenyl	172	6.930	6.953	-0.023	94	1070851	7.89	
* 64 Acenaphthene-d10	164	7.598	7.609	-0.011	92	699664	8.00	
* 87 Phenanthrene-d10	188	9.066	9.080	-0.014	98	1145800	8.00	
$ 96 Terphenyl-d14	244	10.646	10.666	-0.020	99	1054408	7.76	
* 102 Chrysene-d12	240	11.871	11.885	-0.014	99	883480	8.00	
* 109 Perylene-d12	264	13.831	13.843	-0.012	99	744756	8.00	

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

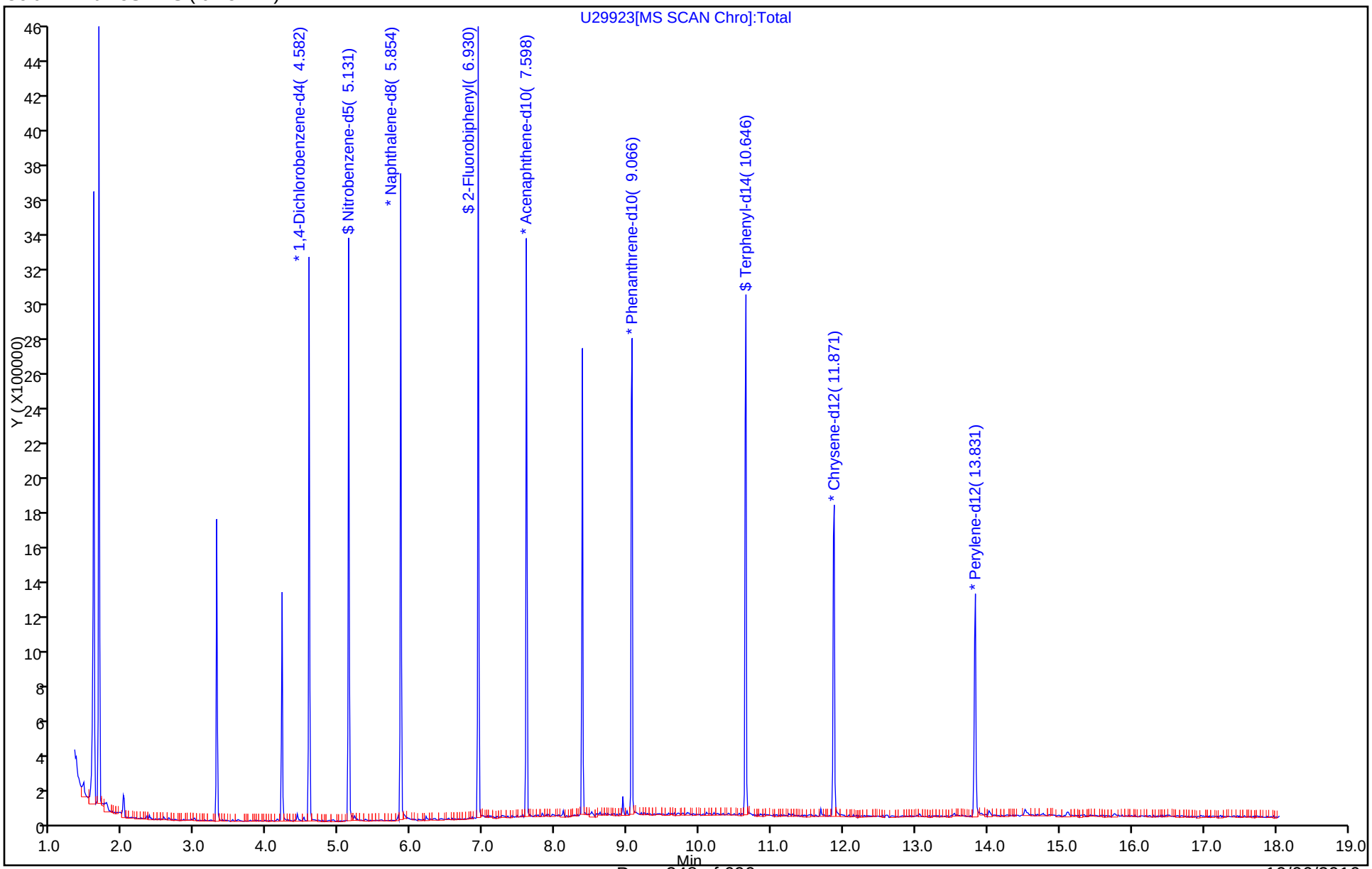
Report Date: 05-Oct-2016 14:16:12 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29923.D

Injection Date:	04-Oct-2016 04:50:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-121138-G-4-A	Lab Sample ID:	460-121138-4	Worklist Smp#:	33
Client ID:	MW-21				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	33
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-20 | Lab Sample ID: 460-121138-5

Matrix: Water | Lab File ID: U29924.D

Analysis Method: 625 | Date Collected: 09/28/2016 13:45

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 05:12

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.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.12	U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.1	U	10	1.1
106-46-7	1,4-Dichlorobenzene	0.66	U	10	0.66
95-50-1	1,2-Dichlorobenzene	0.83	U	10	0.83
621-64-7	N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83
67-72-1	Hexachloroethane	0.090	U	1.0	0.090
98-95-3	Nitrobenzene	0.49	U	1.0	0.49
78-59-1	Isophorone	0.67	U	10	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.69	U	10	0.69
120-82-1	1,2,4-Trichlorobenzene	0.61	U	1.0	0.61
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
91-57-6	2-Methylnaphthalene	0.88	U	10	0.88
77-47-4	Hexachlorocyclopentadiene	0.61	U	10	0.61
91-58-7	2-Chloronaphthalene	0.61	U	10	0.61
88-74-4	2-Nitroaniline	0.65	U	10	0.65
131-11-3	Dimethyl phthalate	0.98	U	10	0.98
208-96-8	Acenaphthylene	0.65	U	10	0.65
606-20-2	2,6-Dinitrotoluene	0.88	U	2.0	0.88
99-09-2	3-Nitroaniline	0.82	U	10	0.82
83-32-9	Acenaphthene	0.88	U	10	0.88
132-64-9	Dibenzofuran	0.85	U	10	0.85
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	0.96	U	10	0.96
86-73-7	Fluorene	0.80	U	10	0.80
100-01-6	4-Nitroaniline	0.48	U	10	0.48
86-30-6	N-Nitrosodiphenylamine	0.74	U	10	0.74
101-55-3	4-Bromophenyl phenyl ether	1.0	U	10	1.0
118-74-1	Hexachlorobenzene	0.47	U	1.0	0.47
85-01-8	Phenanthrene	0.65	U	10	0.65
120-12-7	Anthracene	0.57	U	10	0.57
86-74-8	Carbazole	0.85	U	10	0.85

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-20 | Lab Sample ID: 460-121138-5

Matrix: Water | Lab File ID: U29924.D

Analysis Method: 625 | Date Collected: 09/28/2016 13:45

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 05:12

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.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.82	U	10	0.82
206-44-0	Fluoranthene	0.72	U	10	0.72
129-00-0	Pyrene	0.83	U	10	0.83
85-68-7	Butyl benzyl phthalate	0.60	U	10	0.60
91-94-1	3,3'-Dichlorobenzidine	1.0	U	10	1.0
56-55-3	Benzo[a]anthracene	0.55	U	1.0	0.55
218-01-9	Chrysene	0.67	U	2.0	0.67
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
205-99-2	Benzo[b]fluoranthene	0.44	U	1.0	0.44
207-08-9	Benzo[k]fluoranthene	0.18	U	1.0	0.18
50-32-8	Benzo[a]pyrene	0.16	U	1.0	0.16
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
191-24-2	Benzo[g,h,i]perylene	0.75	U	10	0.75
108-60-1	bis (2-chloroisopropyl) ether	0.93	U	10	0.93

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	71		49-125
1718-51-0	Terphenyl-d14	71		28-150
321-60-8	2-Fluorobiphenyl	76		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-20 | Lab Sample ID: 460-121138-5

Matrix: Water | Lab File ID: U29924.D

Analysis Method: 625 | Date Collected: 09/28/2016 13:45

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 05:12

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.: 394601 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29924.D
Lims ID: 460-121138-G-5-A
Client ID: MW-20
Sample Type: Client
Inject. Date: 04-Oct-2016 05:12:30 ALS Bottle#: 34 Worklist Smp#: 34
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-034
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: zhaoc Date: 04-Oct-2016 12:57:07

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.582	4.592	-0.010	85	340918	8.00	
$ 28 Nitrobenzene-d5	82	5.130	5.153	-0.023	85	1229804	7.08	
* 38 Naphthalene-d8	136	5.853	5.861	-0.008	95	1281330	8.00	
$ 52 2-Fluorobiphenyl	172	6.928	6.953	-0.025	94	1113885	7.61	
* 64 Acenaphthene-d10	164	7.605	7.609	-0.004	92	754606	8.00	
* 87 Phenanthrene-d10	188	9.062	9.080	-0.018	97	1127923	8.00	
$ 96 Terphenyl-d14	244	10.639	10.666	-0.027	97	943255	7.11	
* 102 Chrysene-d12	240	11.872	11.885	-0.013	99	862434	8.00	
* 109 Perylene-d12	264	13.831	13.843	-0.012	99	761780	8.00	

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

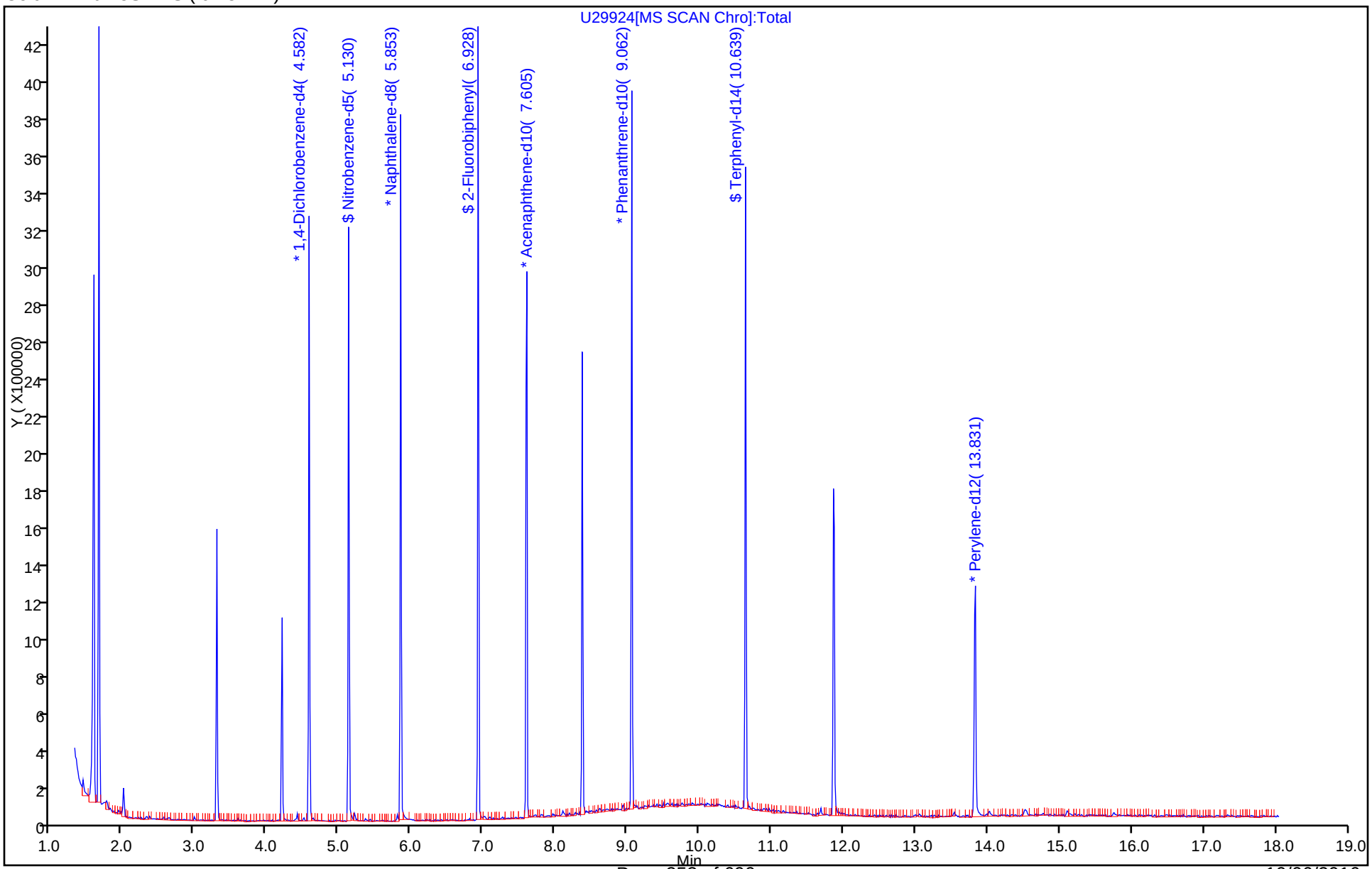
Report Date: 05-Oct-2016 14:16:18 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29924.D

Injection Date:	04-Oct-2016 05:12:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-121138-G-5-A	Lab Sample ID:	460-121138-5	Worklist Smp#:	34
Client ID:	MW-20				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	34
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-6 | Lab Sample ID: 460-121138-6

Matrix: Water | Lab File ID: U29925.D

Analysis Method: 625 | Date Collected: 09/28/2016 15:15

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 05:35

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.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.12	U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.1	U	10	1.1
106-46-7	1,4-Dichlorobenzene	0.66	U	10	0.66
95-50-1	1,2-Dichlorobenzene	0.83	U	10	0.83
621-64-7	N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83
67-72-1	Hexachloroethane	0.090	U	1.0	0.090
98-95-3	Nitrobenzene	0.49	U	1.0	0.49
78-59-1	Isophorone	0.67	U	10	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.69	U	10	0.69
120-82-1	1,2,4-Trichlorobenzene	0.61	U	1.0	0.61
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
91-57-6	2-Methylnaphthalene	0.88	U	10	0.88
77-47-4	Hexachlorocyclopentadiene	0.61	U	10	0.61
91-58-7	2-Chloronaphthalene	0.61	U	10	0.61
88-74-4	2-Nitroaniline	0.65	U	10	0.65
131-11-3	Dimethyl phthalate	0.98	U	10	0.98
208-96-8	Acenaphthylene	0.65	U	10	0.65
606-20-2	2,6-Dinitrotoluene	0.88	U	2.0	0.88
99-09-2	3-Nitroaniline	0.82	U	10	0.82
83-32-9	Acenaphthene	0.88	U	10	0.88
132-64-9	Dibenzofuran	0.85	U	10	0.85
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	0.96	U	10	0.96
86-73-7	Fluorene	0.80	U	10	0.80
100-01-6	4-Nitroaniline	0.48	U	10	0.48
86-30-6	N-Nitrosodiphenylamine	0.74	U	10	0.74
101-55-3	4-Bromophenyl phenyl ether	1.0	U	10	1.0
118-74-1	Hexachlorobenzene	0.47	U	1.0	0.47
85-01-8	Phenanthrene	0.65	U	10	0.65
120-12-7	Anthracene	0.57	U	10	0.57
86-74-8	Carbazole	0.85	U	10	0.85

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-6 | Lab Sample ID: 460-121138-6

Matrix: Water | Lab File ID: U29925.D

Analysis Method: 625 | Date Collected: 09/28/2016 15:15

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 05:35

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.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.82	U	10	0.82
206-44-0	Fluoranthene	0.72	U	10	0.72
129-00-0	Pyrene	0.83	U	10	0.83
85-68-7	Butyl benzyl phthalate	0.60	U	10	0.60
91-94-1	3,3'-Dichlorobenzidine	1.0	U	10	1.0
56-55-3	Benzo[a]anthracene	0.55	U	1.0	0.55
218-01-9	Chrysene	0.67	U	2.0	0.67
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
205-99-2	Benzo[b]fluoranthene	0.44	U	1.0	0.44
207-08-9	Benzo[k]fluoranthene	0.18	U	1.0	0.18
50-32-8	Benzo[a]pyrene	0.16	U	1.0	0.16
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
191-24-2	Benzo[g,h,i]perylene	0.75	U	10	0.75
108-60-1	bis (2-chloroisopropyl) ether	0.93	U	10	0.93

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	72		49-125
1718-51-0	Terphenyl-d14	79		28-150
321-60-8	2-Fluorobiphenyl	81		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-6 | Lab Sample ID: 460-121138-6

Matrix: Water | Lab File ID: U29925.D

Analysis Method: 625 | Date Collected: 09/28/2016 15:15

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 05:35

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.: 394601 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29925.D
Lims ID: 460-121138-F-6-A
Client ID: MW-6
Sample Type: Client
Inject. Date: 04-Oct-2016 05:35:30 ALS Bottle#: 35 Worklist Smp#: 35
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-035
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: zhaoc Date: 04-Oct-2016 12:57:28

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.578	4.592	-0.014	81	311141	8.00	
$ 28 Nitrobenzene-d5	82	5.127	5.153	-0.026	86	1106062	7.20	
* 38 Naphthalene-d8	136	5.849	5.861	-0.012	95	1133739	8.00	
$ 52 2-Fluorobiphenyl	172	6.933	6.953	-0.020	95	1066754	8.07	
* 64 Acenaphthene-d10	164	7.597	7.609	-0.012	92	682113	8.00	
* 87 Phenanthrene-d10	188	9.066	9.080	-0.014	98	1172403	8.00	
$ 96 Terphenyl-d14	244	10.640	10.666	-0.026	98	1111192	7.88	
* 102 Chrysene-d12	240	11.865	11.885	-0.020	99	916536	8.00	
* 109 Perylene-d12	264	13.824	13.843	-0.019	99	767199	8.00	

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

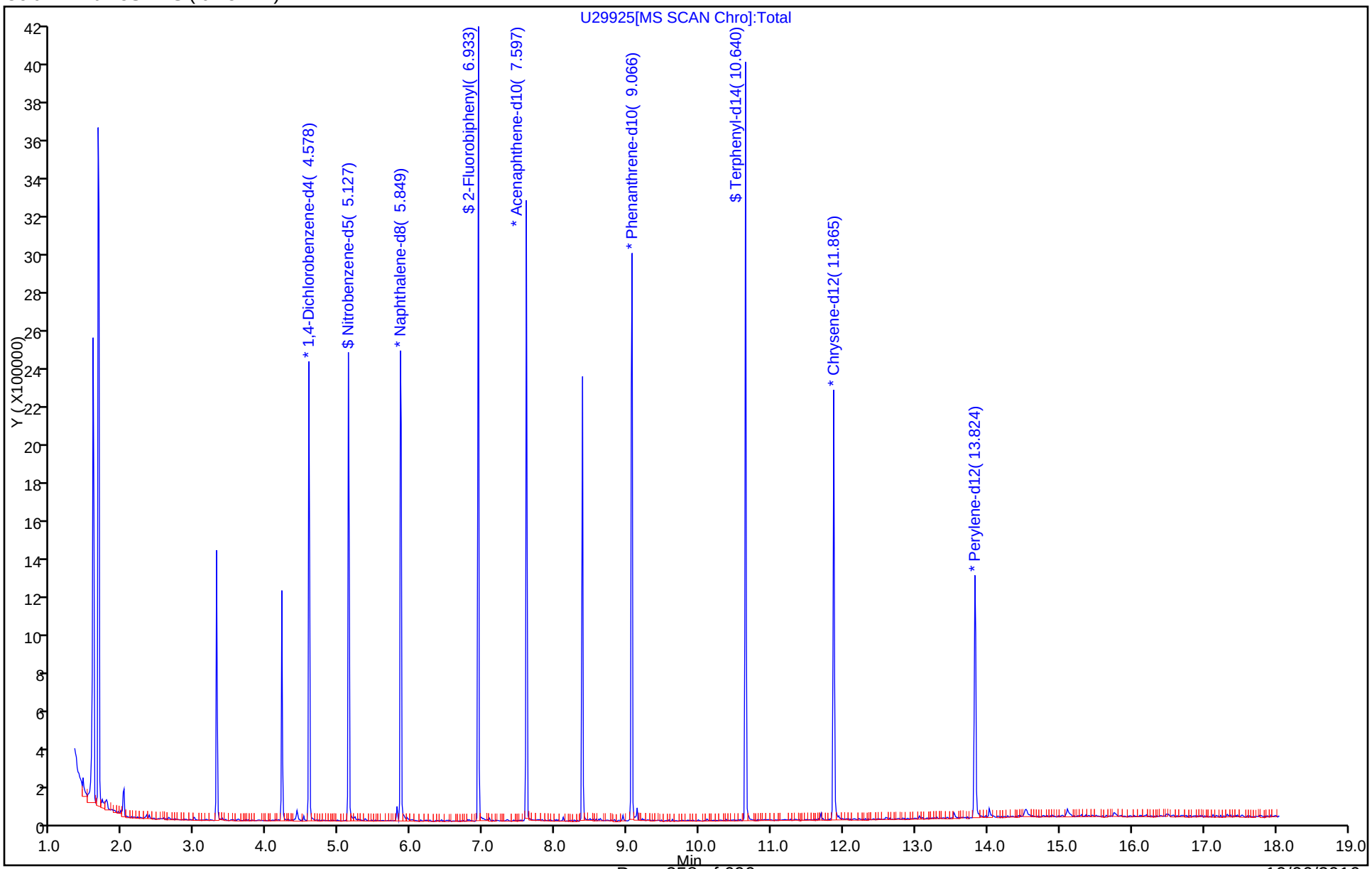
Report Date: 05-Oct-2016 14:16:22 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29925.D

Injection Date:	04-Oct-2016 05:35:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-121138-F-6-A	Lab Sample ID:	460-121138-6	Worklist Smp#:	35
Client ID:	MW-6				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	35
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-6 Filtered | Lab Sample ID: 460-121138-7

Matrix: Water | Lab File ID: U29926.D

Analysis Method: 625 | Date Collected: 09/28/2016 15:25

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 245(mL) | Date Analyzed: 10/04/2016 05:57

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.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.12	U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.1	U	10	1.1
106-46-7	1,4-Dichlorobenzene	0.67	U	10	0.67
95-50-1	1,2-Dichlorobenzene	0.85	U	10	0.85
621-64-7	N-Nitrosodi-n-propylamine	0.85	U	1.0	0.85
67-72-1	Hexachloroethane	0.092	U	1.0	0.092
98-95-3	Nitrobenzene	0.50	U	1.0	0.50
78-59-1	Isophorone	0.68	U	10	0.68
111-91-1	Bis(2-chloroethoxy)methane	0.70	U	10	0.70
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1.0	0.62
91-20-3	Naphthalene	0.82	U	10	0.82
106-47-8	4-Chloroaniline	0.74	U	10	0.74
87-68-3	Hexachlorobutadiene	0.78	U	1.0	0.78
91-57-6	2-Methylnaphthalene	0.90	U	10	0.90
77-47-4	Hexachlorocyclopentadiene	0.62	U	10	0.62
91-58-7	2-Chloronaphthalene	0.62	U	10	0.62
88-74-4	2-Nitroaniline	0.66	U	10	0.66
131-11-3	Dimethyl phthalate	1.0	U	10	1.0
208-96-8	Acenaphthylene	0.66	U	10	0.66
606-20-2	2,6-Dinitrotoluene	0.90	U	2.0	0.90
99-09-2	3-Nitroaniline	0.84	U	10	0.84
83-32-9	Acenaphthene	0.90	U	10	0.90
132-64-9	Dibenzofuran	0.87	U	10	0.87
121-14-2	2,4-Dinitrotoluene	1.1	U	2.0	1.1
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	0.98	U	10	0.98
86-73-7	Fluorene	0.82	U	10	0.82
100-01-6	4-Nitroaniline	0.49	U	10	0.49
86-30-6	N-Nitrosodiphenylamine	0.76	U	10	0.76
101-55-3	4-Bromophenyl phenyl ether	1.0	U	10	1.0
118-74-1	Hexachlorobenzene	0.48	U	1.0	0.48
85-01-8	Phenanthrene	0.66	U	10	0.66
120-12-7	Anthracene	0.58	U	10	0.58
86-74-8	Carbazole	0.87	U	10	0.87

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-6 Filtered | Lab Sample ID: 460-121138-7

Matrix: Water | Lab File ID: U29926.D

Analysis Method: 625 | Date Collected: 09/28/2016 15:25

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 245(mL) | Date Analyzed: 10/04/2016 05:57

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.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.84	U	10	0.84
206-44-0	Fluoranthene	0.73	U	10	0.73
129-00-0	Pyrene	0.85	U	10	0.85
85-68-7	Butyl benzyl phthalate	0.61	U	10	0.61
91-94-1	3,3'-Dichlorobenzidine	1.1	U	10	1.1
56-55-3	Benzo[a]anthracene	0.56	U	1.0	0.56
218-01-9	Chrysene	0.68	U	2.0	0.68
117-81-7	Bis(2-ethylhexyl) phthalate	0.73	U	2.0	0.73
117-84-0	Di-n-octyl phthalate	0.70	U	10	0.70
205-99-2	Benzo[b]fluoranthene	0.45	U	1.0	0.45
207-08-9	Benzo[k]fluoranthene	0.18	U	1.0	0.18
50-32-8	Benzo[a]pyrene	0.16	U	1.0	0.16
193-39-5	Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21
53-70-3	Dibenz(a,h)anthracene	0.092	U	1.0	0.092
191-24-2	Benzo[g,h,i]perylene	0.77	U	10	0.77
108-60-1	bis (2-chloroisopropyl) ether	0.95	U	10	0.95

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	71		49-125
1718-51-0	Terphenyl-d14	76		28-150
321-60-8	2-Fluorobiphenyl	76		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-6 Filtered | Lab Sample ID: 460-121138-7

Matrix: Water | Lab File ID: U29926.D

Analysis Method: 625 | Date Collected: 09/28/2016 15:25

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 245(mL) | Date Analyzed: 10/04/2016 05:57

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.: 394601 | Units: ug/L

Number TICs Found: 1 | TIC Result Total: 84

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
872-50-4	2-Pyrrolidinone, 1-methyl-	4.72	84	J N	95%

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29926.D
Lims ID: 460-121138-G-7-A
Client ID: MW-6 Filtered
Sample Type: Client
Inject. Date: 04-Oct-2016 05:57:30 ALS Bottle#: 36 Worklist Smp#: 36
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-036
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: zhaoc Date: 04-Oct-2016 12:57:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.579	4.592	-0.013	84	312123	8.00	
$ 28 Nitrobenzene-d5	82	5.128	5.153	-0.025	86	1126583	7.13	
* 38 Naphthalene-d8	136	5.850	5.861	-0.011	94	1165537	8.00	
$ 52 2-Fluorobiphenyl	172	6.934	6.953	-0.019	95	1044196	7.58	
* 64 Acenaphthene-d10	164	7.600	7.609	-0.009	92	710985	8.00	
* 87 Phenanthrene-d10	188	9.057	9.080	-0.023	96	1170170	8.00	
$ 96 Terphenyl-d14	244	10.639	10.666	-0.027	98	1063738	7.61	
* 102 Chrysene-d12	240	11.863	11.885	-0.022	99	908318	8.00	
* 109 Perylene-d12	264	13.829	13.843	-0.014	98	774341	8.00	

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29926.D				
Lims ID:	460-121138-G-7-A				
Client ID:	MW-6 Filtered				
Sample Type:	Client				
Inject. Date:	04-Oct-2016 05:57:30	ALS Bottle#:	36	Worklist Smp#:	36
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0046376-036				
Operator ID:		Instrument ID:	CBNAMS4		
Method:	\\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m				
Limit Group:	SV 625 ICAL				
Last Update:	05-Oct-2016 14:14:45	Calib Date:	03-Oct-2016 22:15:30		
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:	XAWRK030				
First Level Reviewer: zhaoc		Date:	04-Oct-2016 12:57:52		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	872-50-4	2-Pyrrolidinone, 1-methyl-						
4.718	3723491	10.3	14	95	3436	C5H9NO	99	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.579	2879175	8.00

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

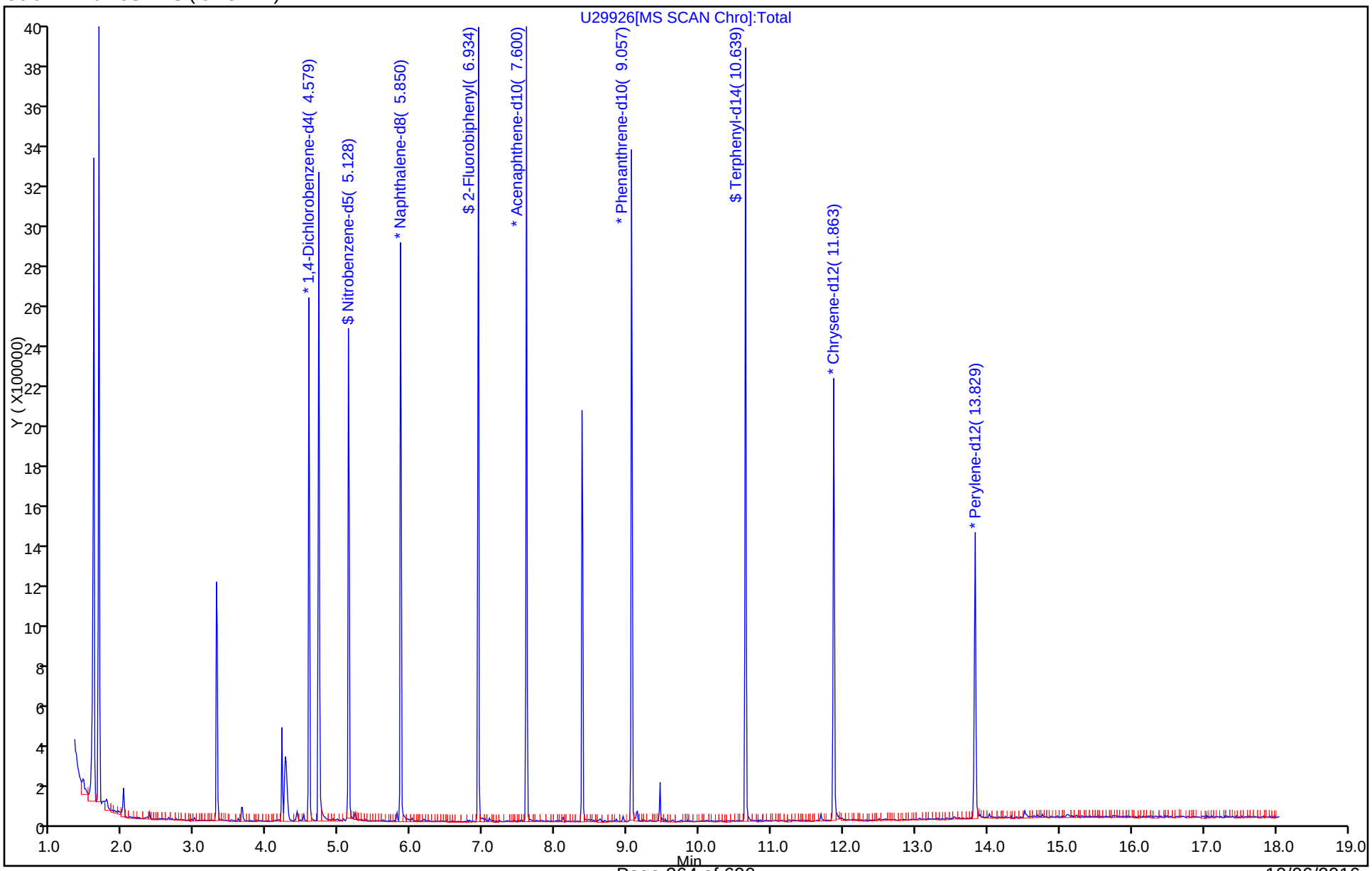
Report Date: 05-Oct-2016 14:16:28 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29926.D

Injection Date:	04-Oct-2016 05:57:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-121138-G-7-A	Lab Sample ID:	460-121138-7	Worklist Smp#:	36
Client ID:	MW-6 Filtered				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	36
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



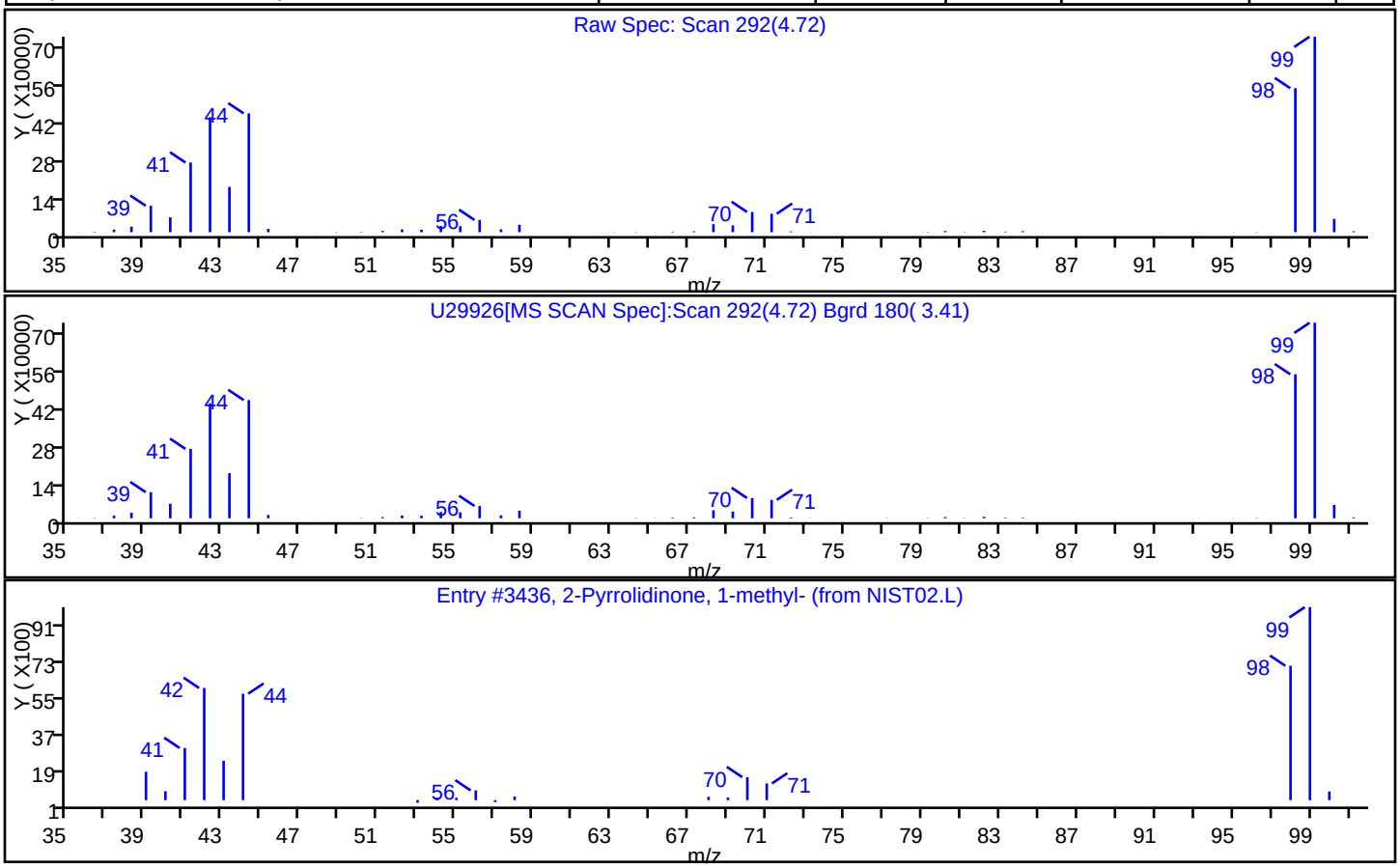
Report Date: 05-Oct-2016 14:16:28 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29926.D

Injection Date:	04-Oct-2016 05:57:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121138-G-7-A	Lab Sample ID:	460-121138-7		
Client ID:	MW-6 Filtered				
Operator ID:		ALS Bottle#:	36	Worklist Smp#:	36
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
2-Pyrrolidinone, 1-methyl-	872-50-4	NIST02.L	3436	C5H9NO	99	95



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-3D | Lab Sample ID: 460-121138-8

Matrix: Water | Lab File ID: U29927.D

Analysis Method: 625 | Date Collected: 09/28/2016 15:20

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 240(mL) | Date Analyzed: 10/04/2016 06:19

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.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.13	U	1.0	0.13
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2
106-46-7	1,4-Dichlorobenzene	0.69	U	10	0.69
95-50-1	1,2-Dichlorobenzene	0.86	U	10	0.86
621-64-7	N-Nitrosodi-n-propylamine	0.86	U	1.0	0.86
67-72-1	Hexachloroethane	0.094	U	1.0	0.094
98-95-3	Nitrobenzene	0.51	U	1.0	0.51
78-59-1	Isophorone	0.70	U	10	0.70
111-91-1	Bis(2-chloroethoxy)methane	0.72	U	10	0.72
120-82-1	1,2,4-Trichlorobenzene	0.64	U	1.0	0.64
91-20-3	Naphthalene	0.83	U	10	0.83
106-47-8	4-Chloroaniline	0.76	U	10	0.76
87-68-3	Hexachlorobutadiene	0.79	U	1.0	0.79
91-57-6	2-Methylnaphthalene	0.92	U	10	0.92
77-47-4	Hexachlorocyclopentadiene	0.64	U	10	0.64
91-58-7	2-Chloronaphthalene	0.64	U	10	0.64
88-74-4	2-Nitroaniline	0.68	U	10	0.68
131-11-3	Dimethyl phthalate	1.0	U	10	1.0
208-96-8	Acenaphthylene	0.68	U	10	0.68
606-20-2	2,6-Dinitrotoluene	0.92	U	2.1	0.92
99-09-2	3-Nitroaniline	0.85	U	10	0.85
83-32-9	Acenaphthene	0.92	U	10	0.92
132-64-9	Dibenzofuran	0.89	U	10	0.89
121-14-2	2,4-Dinitrotoluene	1.1	U	2.1	1.1
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	1.0	U	10	1.0
86-73-7	Fluorene	0.83	U	10	0.83
100-01-6	4-Nitroaniline	0.50	U	10	0.50
86-30-6	N-Nitrosodiphenylamine	0.77	U	10	0.77
101-55-3	4-Bromophenyl phenyl ether	1.1	U	10	1.1
118-74-1	Hexachlorobenzene	0.49	U	1.0	0.49
85-01-8	Phenanthrene	0.68	U	10	0.68
120-12-7	Anthracene	0.59	U	10	0.59
86-74-8	Carbazole	0.89	U	10	0.89

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-3D | Lab Sample ID: 460-121138-8

Matrix: Water | Lab File ID: U29927.D

Analysis Method: 625 | Date Collected: 09/28/2016 15:20

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 240(mL) | Date Analyzed: 10/04/2016 06:19

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.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.85	U	10	0.85
206-44-0	Fluoranthene	0.75	U	10	0.75
129-00-0	Pyrene	0.86	U	10	0.86
85-68-7	Butyl benzyl phthalate	0.63	U	10	0.63
91-94-1	3,3'-Dichlorobenzidine	1.1	U	10	1.1
56-55-3	Benzo[a]anthracene	0.57	U	1.0	0.57
218-01-9	Chrysene	0.70	U	2.1	0.70
117-81-7	Bis(2-ethylhexyl) phthalate	0.75	U	2.1	0.75
117-84-0	Di-n-octyl phthalate	0.72	U	10	0.72
205-99-2	Benzo[b]fluoranthene	0.46	U	1.0	0.46
207-08-9	Benzo[k]fluoranthene	0.19	U	1.0	0.19
50-32-8	Benzo[a]pyrene	0.17	U	1.0	0.17
193-39-5	Indeno[1,2,3-cd]pyrene	0.22	U	1.0	0.22
53-70-3	Dibenz(a,h)anthracene	0.094	U	1.0	0.094
191-24-2	Benzo[g,h,i]perylene	0.78	U	10	0.78
108-60-1	bis (2-chloroisopropyl) ether	0.97	U	10	0.97

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	75		49-125
1718-51-0	Terphenyl-d14	83		28-150
321-60-8	2-Fluorobiphenyl	68		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-3D | Lab Sample ID: 460-121138-8

Matrix: Water | Lab File ID: U29927.D

Analysis Method: 625 | Date Collected: 09/28/2016 15:20

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 240(mL) | Date Analyzed: 10/04/2016 06:19

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.: 394601 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29927.D
Lims ID: 460-121138-D-8-A
Client ID: MW-3D
Sample Type: Client
Inject. Date: 04-Oct-2016 06:19:30 ALS Bottle#: 37 Worklist Smp#: 37
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-037
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: zhaoc Date: 04-Oct-2016 12:58:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.579	4.592	-0.013	84	340940	8.00	
$ 28 Nitrobenzene-d5	82	5.135	5.153	-0.018	85	1181044	7.48	
* 38 Naphthalene-d8	136	5.857	5.861	-0.004	96	1165332	8.00	
$ 52 2-Fluorobiphenyl	172	6.928	6.953	-0.025	94	982480	6.76	
* 64 Acenaphthene-d10	164	7.604	7.609	-0.005	93	749743	8.00	
* 87 Phenanthrene-d10	188	9.061	9.080	-0.019	97	1164671	8.00	
$ 96 Terphenyl-d14	244	10.642	10.666	-0.024	98	1129894	8.29	
* 102 Chrysene-d12	240	11.865	11.885	-0.020	98	885897	8.00	
* 109 Perylene-d12	264	13.830	13.843	-0.013	98	738697	8.00	

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

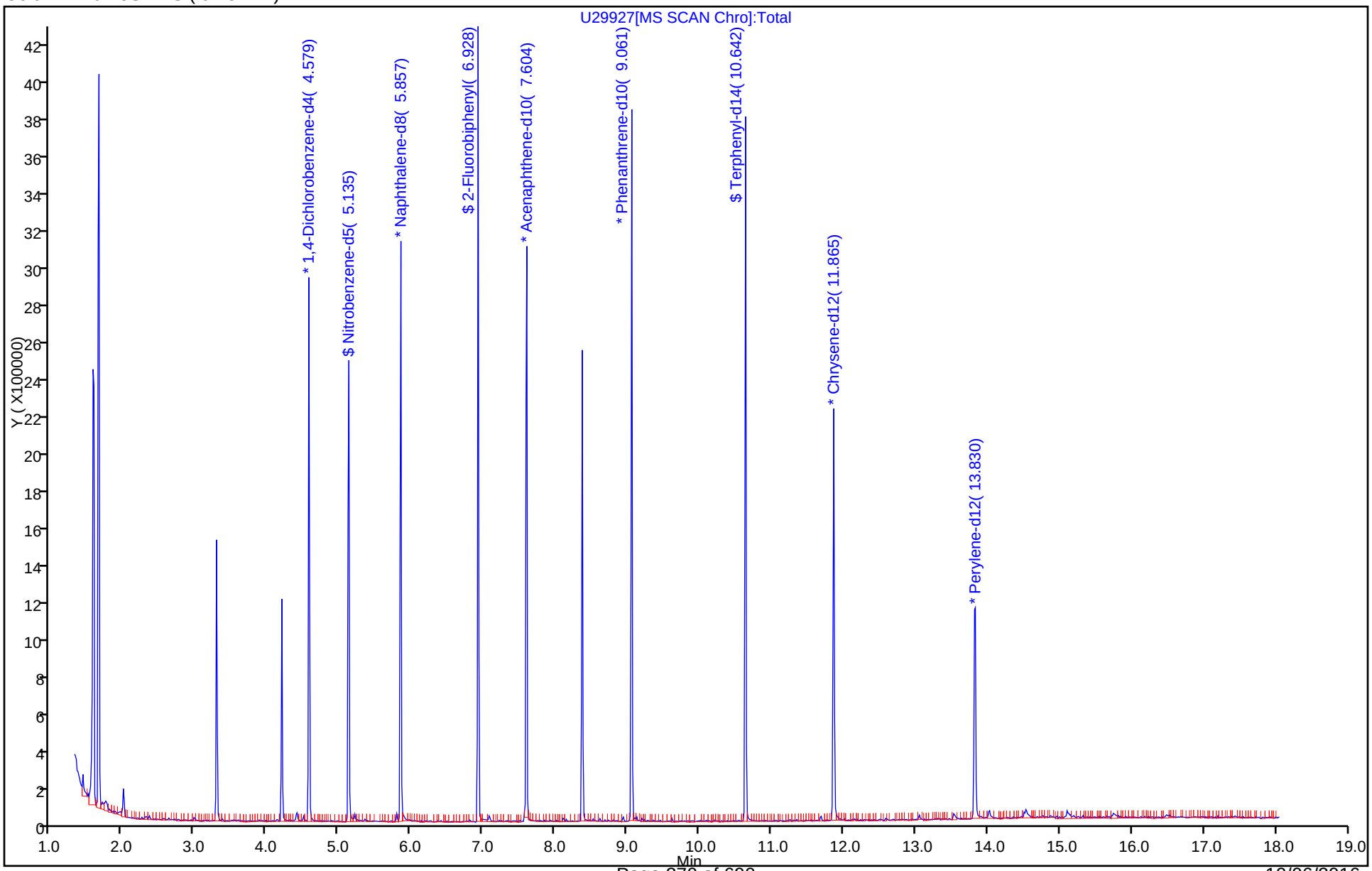
Report Date: 05-Oct-2016 14:16:33 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29927.D

Injection Date:	04-Oct-2016 06:19:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-121138-D-8-A	Lab Sample ID:	460-121138-8	Worklist Smp#:	37
Client ID:	MW-3D				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	37
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: FB-20160928 | Lab Sample ID: 460-121138-9

Matrix: Water | Lab File ID: U29928.D

Analysis Method: 625 | Date Collected: 09/28/2016 16:25

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 06:41

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.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.12	U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.1	U	10	1.1
106-46-7	1,4-Dichlorobenzene	0.66	U	10	0.66
95-50-1	1,2-Dichlorobenzene	0.83	U	10	0.83
621-64-7	N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83
67-72-1	Hexachloroethane	0.090	U	1.0	0.090
98-95-3	Nitrobenzene	0.49	U	1.0	0.49
78-59-1	Isophorone	0.67	U	10	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.69	U	10	0.69
120-82-1	1,2,4-Trichlorobenzene	0.61	U	1.0	0.61
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
91-57-6	2-Methylnaphthalene	0.88	U	10	0.88
77-47-4	Hexachlorocyclopentadiene	0.61	U	10	0.61
91-58-7	2-Chloronaphthalene	0.61	U	10	0.61
88-74-4	2-Nitroaniline	0.65	U	10	0.65
131-11-3	Dimethyl phthalate	0.98	U	10	0.98
208-96-8	Acenaphthylene	0.65	U	10	0.65
606-20-2	2,6-Dinitrotoluene	0.88	U	2.0	0.88
99-09-2	3-Nitroaniline	0.82	U	10	0.82
83-32-9	Acenaphthene	0.88	U	10	0.88
132-64-9	Dibenzofuran	0.85	U	10	0.85
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	0.96	U	10	0.96
86-73-7	Fluorene	0.80	U	10	0.80
100-01-6	4-Nitroaniline	0.48	U	10	0.48
86-30-6	N-Nitrosodiphenylamine	0.74	U	10	0.74
101-55-3	4-Bromophenyl phenyl ether	1.0	U	10	1.0
118-74-1	Hexachlorobenzene	0.47	U	1.0	0.47
85-01-8	Phenanthrene	0.65	U	10	0.65
120-12-7	Anthracene	0.57	U	10	0.57
86-74-8	Carbazole	0.85	U	10	0.85

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: FB-20160928 | Lab Sample ID: 460-121138-9

Matrix: Water | Lab File ID: U29928.D

Analysis Method: 625 | Date Collected: 09/28/2016 16:25

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 06:41

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.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.82	U	10	0.82
206-44-0	Fluoranthene	0.72	U	10	0.72
129-00-0	Pyrene	0.83	U	10	0.83
85-68-7	Butyl benzyl phthalate	0.60	U	10	0.60
91-94-1	3,3'-Dichlorobenzidine	1.0	U	10	1.0
56-55-3	Benzo[a]anthracene	0.55	U	1.0	0.55
218-01-9	Chrysene	0.67	U	2.0	0.67
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
205-99-2	Benzo[b]fluoranthene	0.44	U	1.0	0.44
207-08-9	Benzo[k]fluoranthene	0.18	U	1.0	0.18
50-32-8	Benzo[a]pyrene	0.16	U	1.0	0.16
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
191-24-2	Benzo[g,h,i]perylene	0.75	U	10	0.75
108-60-1	bis (2-chloroisopropyl) ether	0.93	U	10	0.93

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	73		49-125
1718-51-0	Terphenyl-d14	77		28-150
321-60-8	2-Fluorobiphenyl	70		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: FB-20160928 | Lab Sample ID: 460-121138-9

Matrix: Water | Lab File ID: U29928.D

Analysis Method: 625 | Date Collected: 09/28/2016 16:25

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 06:41

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.: 394601 | Units: ug/L

Number TICs Found: 4 | TIC Result Total: 42.2

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	5.18	6.5	J	
	Unknown	5.39	18	J	
110453-78-6	(S)-(+)-6-Methyl-1-octanol	5.47	6.7	J N	90%
	Unknown	5.56	11	J	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29928.D
Lims ID: 460-121138-G-9-A
Client ID: FB-20160928
Sample Type: Client
Inject. Date: 04-Oct-2016 06:41:30 ALS Bottle#: 38 Worklist Smp#: 38
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-038
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: zhaoc Date: 04-Oct-2016 13:01:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.582	4.592	-0.010	87	340270	8.00	
$ 28 Nitrobenzene-d5	82	5.130	5.153	-0.023	86	1122523	7.31	
* 38 Naphthalene-d8	136	5.854	5.861	-0.007	95	1132691	8.00	
$ 52 2-Fluorobiphenyl	172	6.928	6.953	-0.025	95	966437	7.00	
* 64 Acenaphthene-d10	164	7.602	7.609	-0.007	93	712269	8.00	
* 87 Phenanthrene-d10	188	9.057	9.080	-0.023	96	1073524	8.00	
$ 96 Terphenyl-d14	244	10.638	10.666	-0.028	98	1013240	7.74	
* 102 Chrysene-d12	240	11.863	11.885	-0.022	98	850710	8.00	
* 109 Perylene-d12	264	13.822	13.843	-0.021	98	744038	8.00	

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29928.D				
Lims ID:	460-121138-G-9-A				
Client ID:	FB-20160928				
Sample Type:	Client				
Inject. Date:	04-Oct-2016 06:41:30	ALS Bottle#:	38	Worklist Smp#:	38
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0046376-038				
Operator ID:		Instrument ID:	CBNAMS4		
Method:	\\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m				
Limit Group:	SV 625 ICAL				
Last Update:	05-Oct-2016 14:14:45	Calib Date:	03-Oct-2016 22:15:30		
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:	XAWRK030				
First Level Reviewer: zhaoc		Date:	04-Oct-2016 13:01:42		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	Unknown							
5.177	310152	0.8148	14					
	Unknown							
5.386	979646	2.20	38					
	110453-78-6	(S)-(+)-6-Methyl-1-octanol						
5.468	370585	0.8317	38	90	20280	C9H20O	144	
	Unknown							
5.562	611338	1.37	38					

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.582	3045167	8.00
* 38 Naphthalene-d8	5.854	3564412	8.00

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

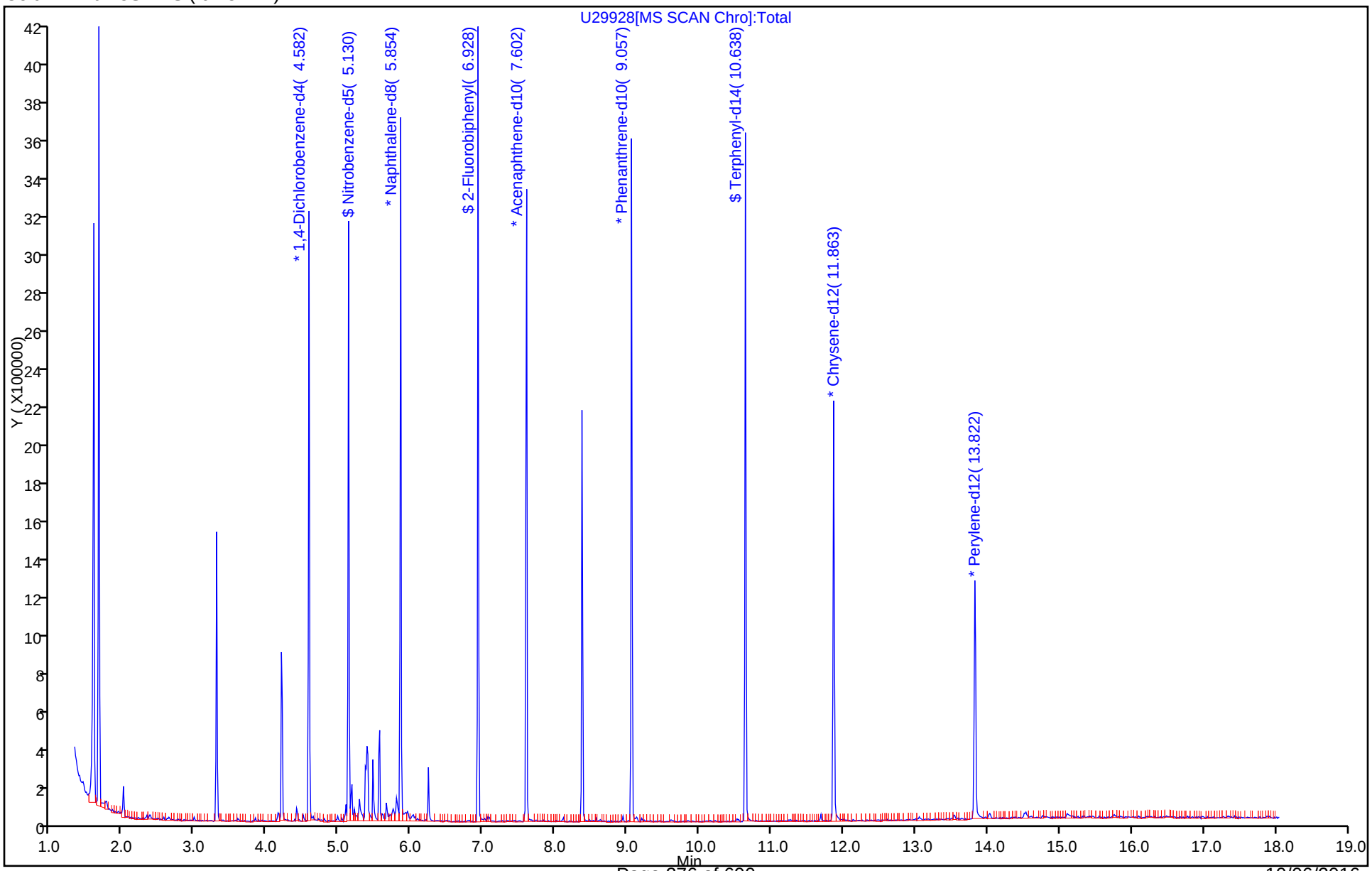
Report Date: 05-Oct-2016 14:16:37 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29928.D

Injection Date:	04-Oct-2016 06:41:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-121138-G-9-A	Lab Sample ID:	460-121138-9	Worklist Smp#:	38
Client ID:	FB-20160928				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	38
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



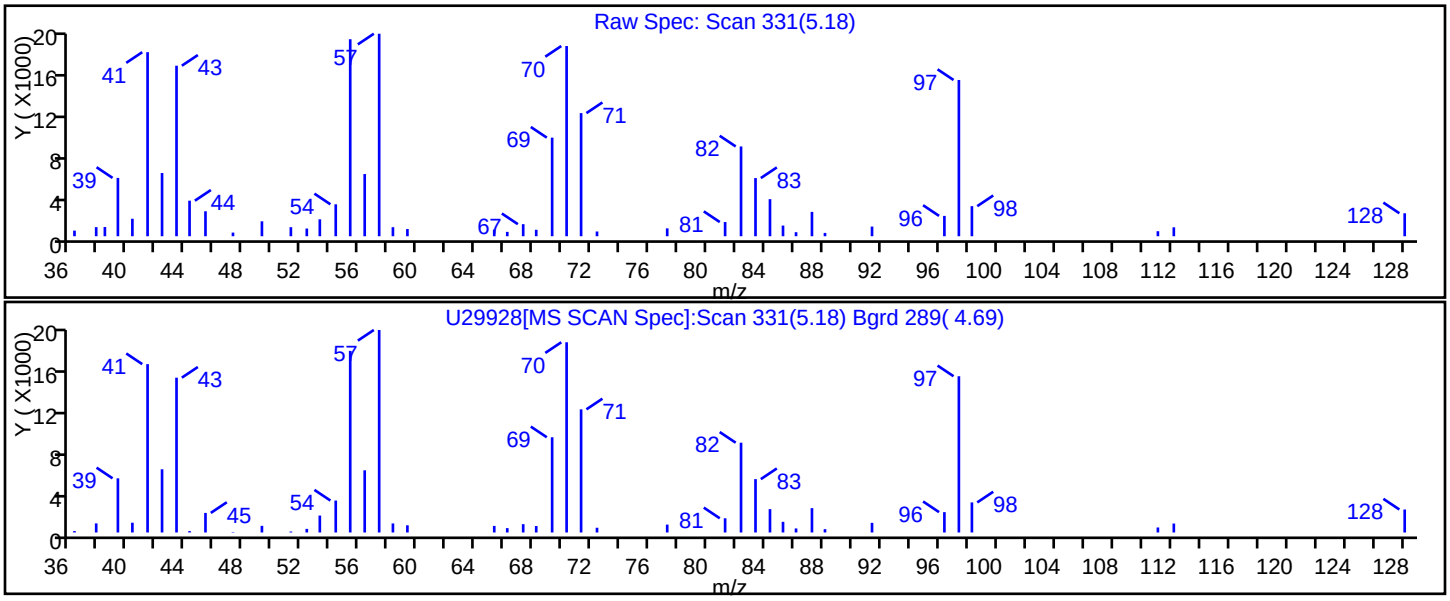
Report Date: 05-Oct-2016 14:16:37 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29928.D

Injection Date:	04-Oct-2016 06:41:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121138-G-9-A	Lab Sample ID:	460-121138-9		
Client ID:	FB-20160928				
Operator ID:		ALS Bottle#:	38	Worklist Smp#:	38
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



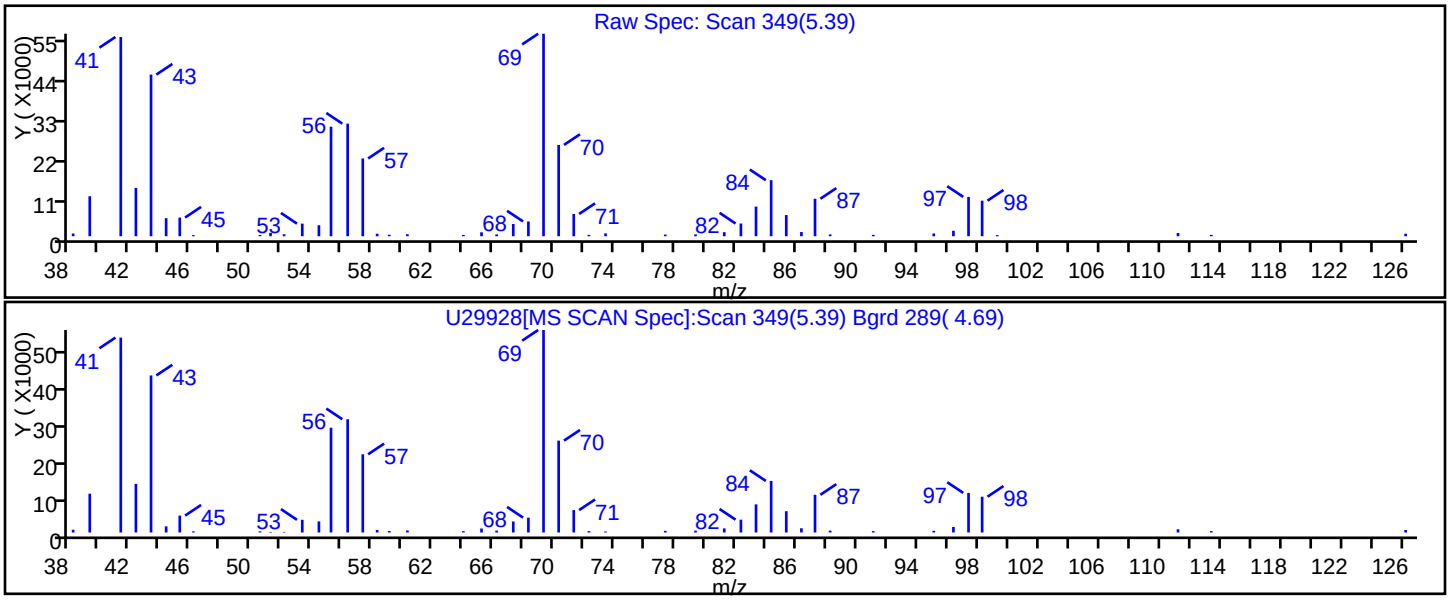
Report Date: 05-Oct-2016 14:16:37 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29928.D

Injection Date:	04-Oct-2016 06:41:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121138-G-9-A	Lab Sample ID:	460-121138-9		
Client ID:	FB-20160928				
Operator ID:		ALS Bottle#:	38	Worklist Smp#:	38
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

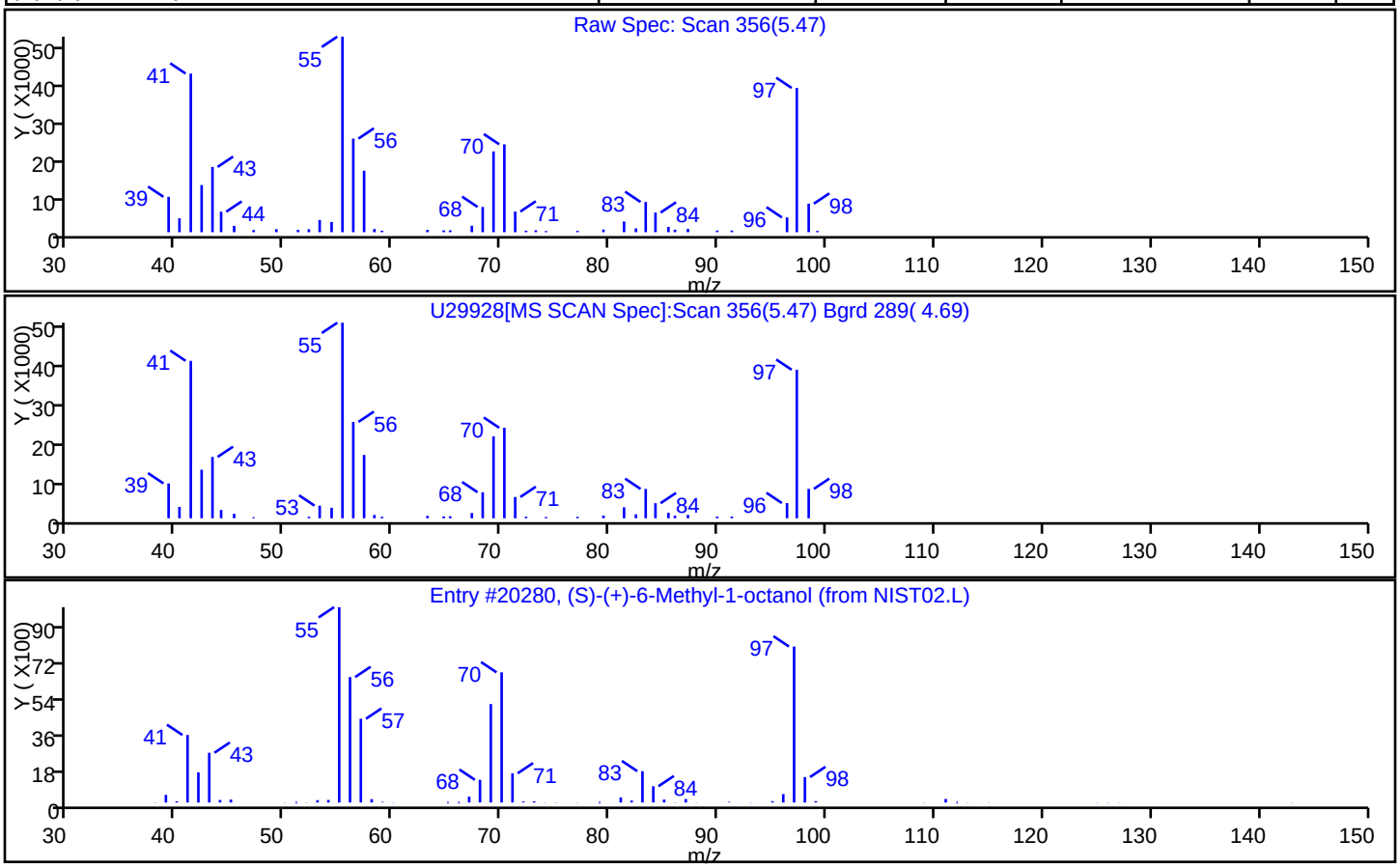


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29928.D

Injection Date:	04-Oct-2016 06:41:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121138-G-9-A	Lab Sample ID:	460-121138-9		
Client ID:	FB-20160928				
Operator ID:		ALS Bottle#:	38	Worklist Smp#:	38
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
(S)-(+)-6-Methyl-1-octanol	110453-78-6	NIST02.L	20280	C9H20O	144	90



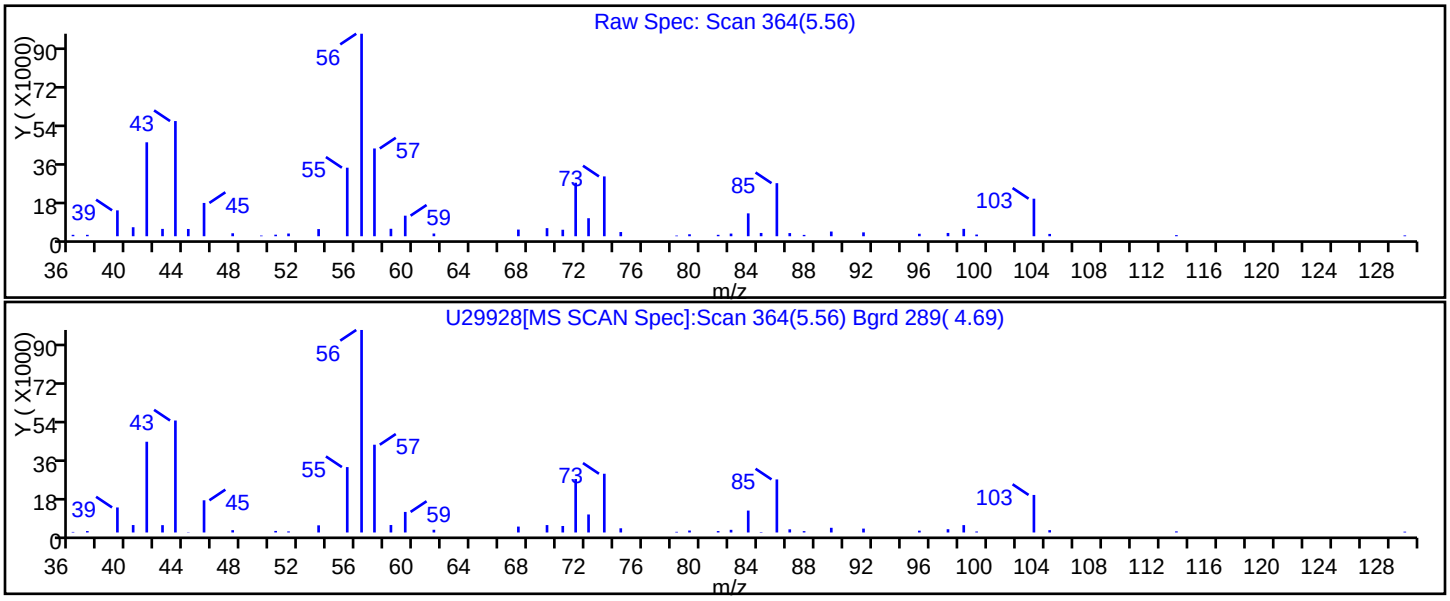
Report Date: 05-Oct-2016 14:16:37 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29928.D

Injection Date:	04-Oct-2016 06:41:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121138-G-9-A	Lab Sample ID:	460-121138-9		
Client ID:	FB-20160928				
Operator ID:		ALS Bottle#:	38	Worklist Smp#:	38
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 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.: 460-121138-1

SDG No.:

Client Sample ID: DUP-20160928 | Lab Sample ID: 460-121138-10

Matrix: Water | Lab File ID: U29929.D

Analysis Method: 625 | Date Collected: 09/28/2016 00:00

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 240(mL) | Date Analyzed: 10/04/2016 07:03

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.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.13	U	1.0	0.13
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2
106-46-7	1,4-Dichlorobenzene	0.69	U	10	0.69
95-50-1	1,2-Dichlorobenzene	0.86	U	10	0.86
621-64-7	N-Nitrosodi-n-propylamine	0.86	U	1.0	0.86
67-72-1	Hexachloroethane	0.094	U	1.0	0.094
98-95-3	Nitrobenzene	0.51	U	1.0	0.51
78-59-1	Isophorone	0.70	U	10	0.70
111-91-1	Bis(2-chloroethoxy)methane	0.72	U	10	0.72
120-82-1	1,2,4-Trichlorobenzene	0.64	U	1.0	0.64
91-20-3	Naphthalene	0.83	U	10	0.83
106-47-8	4-Chloroaniline	0.76	U	10	0.76
87-68-3	Hexachlorobutadiene	0.79	U	1.0	0.79
91-57-6	2-Methylnaphthalene	0.92	U	10	0.92
77-47-4	Hexachlorocyclopentadiene	0.64	U	10	0.64
91-58-7	2-Chloronaphthalene	0.64	U	10	0.64
88-74-4	2-Nitroaniline	0.68	U	10	0.68
131-11-3	Dimethyl phthalate	1.0	U	10	1.0
208-96-8	Acenaphthylene	0.68	U	10	0.68
606-20-2	2,6-Dinitrotoluene	0.92	U	2.1	0.92
99-09-2	3-Nitroaniline	0.85	U	10	0.85
83-32-9	Acenaphthene	0.92	U	10	0.92
132-64-9	Dibenzofuran	0.89	U	10	0.89
121-14-2	2,4-Dinitrotoluene	1.1	U	2.1	1.1
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	1.0	U	10	1.0
86-73-7	Fluorene	0.83	U	10	0.83
100-01-6	4-Nitroaniline	0.50	U	10	0.50
86-30-6	N-Nitrosodiphenylamine	0.77	U	10	0.77
101-55-3	4-Bromophenyl phenyl ether	1.1	U	10	1.1
118-74-1	Hexachlorobenzene	0.49	U	1.0	0.49
85-01-8	Phenanthrene	0.68	U	10	0.68
120-12-7	Anthracene	0.59	U	10	0.59
86-74-8	Carbazole	0.89	U	10	0.89

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: DUP-20160928 | Lab Sample ID: 460-121138-10

Matrix: Water | Lab File ID: U29929.D

Analysis Method: 625 | Date Collected: 09/28/2016 00:00

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 240(mL) | Date Analyzed: 10/04/2016 07:03

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.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.85	U	10	0.85
206-44-0	Fluoranthene	0.75	U	10	0.75
129-00-0	Pyrene	0.86	U	10	0.86
85-68-7	Butyl benzyl phthalate	0.63	U	10	0.63
91-94-1	3,3'-Dichlorobenzidine	1.1	U	10	1.1
56-55-3	Benzo[a]anthracene	0.57	U	1.0	0.57
218-01-9	Chrysene	0.70	U	2.1	0.70
117-81-7	Bis(2-ethylhexyl) phthalate	0.75	U	2.1	0.75
117-84-0	Di-n-octyl phthalate	0.72	U	10	0.72
205-99-2	Benzo[b]fluoranthene	0.46	U	1.0	0.46
207-08-9	Benzo[k]fluoranthene	0.19	U	1.0	0.19
50-32-8	Benzo[a]pyrene	0.17	U	1.0	0.17
193-39-5	Indeno[1,2,3-cd]pyrene	0.22	U	1.0	0.22
53-70-3	Dibenz(a,h)anthracene	0.094	U	1.0	0.094
191-24-2	Benzo[g,h,i]perylene	0.78	U	10	0.78
108-60-1	bis (2-chloroisopropyl) ether	0.97	U	10	0.97

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	69		49-125
1718-51-0	Terphenyl-d14	77		28-150
321-60-8	2-Fluorobiphenyl	74		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: DUP-20160928 | Lab Sample ID: 460-121138-10

Matrix: Water | Lab File ID: U29929.D

Analysis Method: 625 | Date Collected: 09/28/2016 00:00

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 240(mL) | Date Analyzed: 10/04/2016 07:03

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.: 394601 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29929.D
Lims ID: 460-121138-E-10-A
Client ID: DUP-20160928
Sample Type: Client
Inject. Date: 04-Oct-2016 07:03:30 ALS Bottle#: 39 Worklist Smp#: 39
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-039
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: zhaoc Date: 04-Oct-2016 12:59:19

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.578	4.592	-0.014	85	321830	8.00	
$ 28 Nitrobenzene-d5	82	5.125	5.153	-0.028	85	1134007	6.86	
* 38 Naphthalene-d8	136	5.859	5.861	-0.002	97	1219888	8.00	
$ 52 2-Fluorobiphenyl	172	6.933	6.953	-0.020	95	1028722	7.41	
* 64 Acenaphthene-d10	164	7.597	7.609	-0.012	92	715983	8.00	
* 87 Phenanthrene-d10	188	9.064	9.080	-0.016	98	1229914	8.00	
$ 96 Terphenyl-d14	244	10.640	10.666	-0.026	98	1165480	7.67	
* 102 Chrysene-d12	240	11.864	11.885	-0.021	98	987148	8.00	
* 109 Perylene-d12	264	13.823	13.843	-0.020	99	814439	8.00	

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

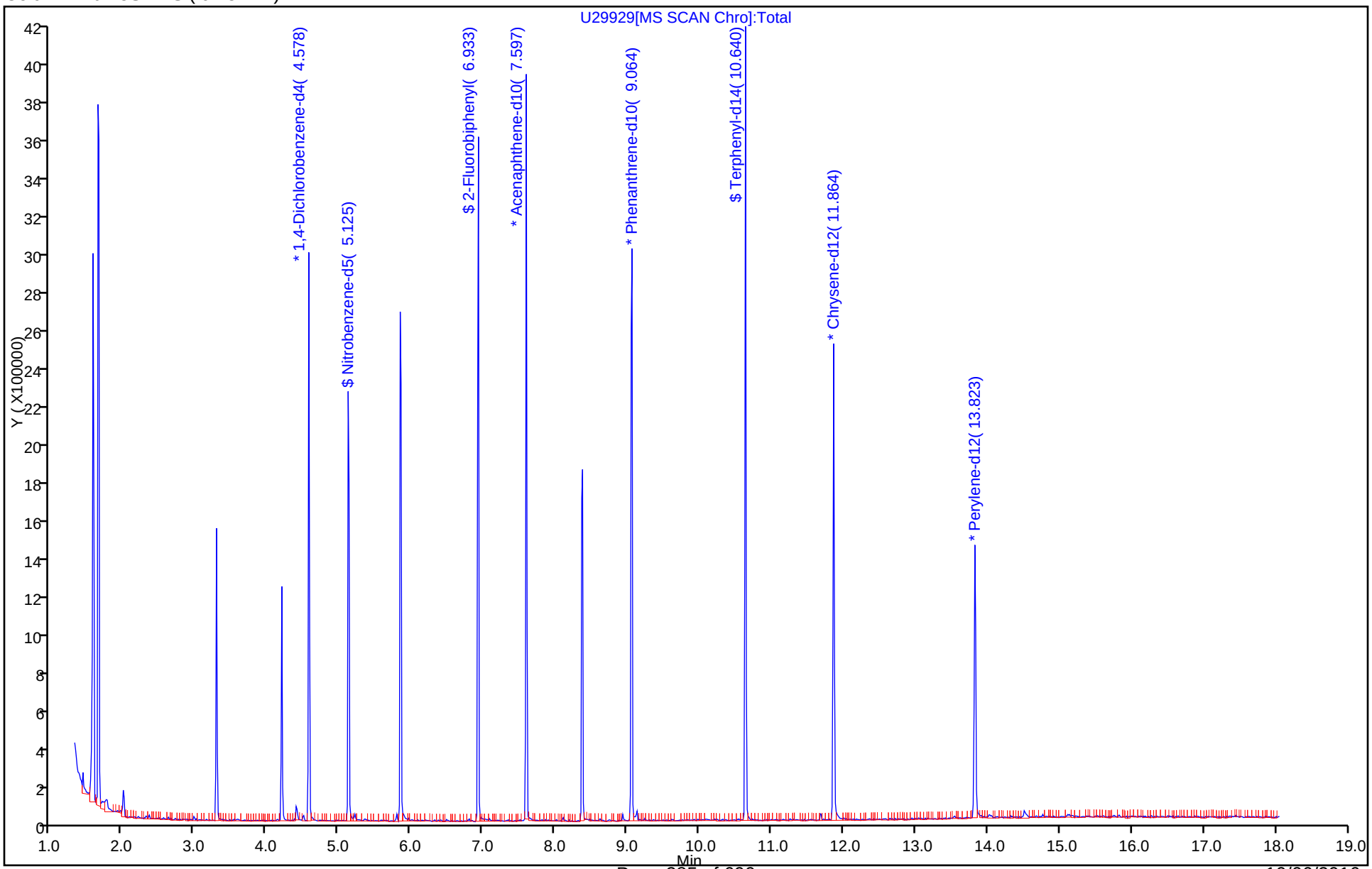
Report Date: 05-Oct-2016 14:16:41 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29929.D

Injection Date:	04-Oct-2016 07:03:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-121138-E-10-A	Lab Sample ID:	460-121138-10	Worklist Smp#:	39
Client ID:	DUP-20160928				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	39
Method:	8270LVI_R4	Limit Group:	SV 625 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.: 460-121138-1 Analy Batch No.: 394601

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2016 16:32 Calibration End Date: 10/03/2016 19:27 Calibration ID: 58230

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-394601/9	U29899.D
Level 2	STD02 460-394601/8	U29898.D
Level 3	STD1 460-394601/7	U29897.D
Level 4	STD2 460-394601/6	U29896.D
Level 5	STD4 460-394601/5	U29895.D
Level 6	ICIS 460-394601/2	U29892.D
Level 7	STD16 460-394601/4	U29894.D
Level 8	STD24 460-394601/3	U29893.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	1.2103	1.2779	1.4733 1.1461	1.4311	1.3445	Ave		1.3139				9.6		35.0			
N-Nitrosodimethylamine	1.7058	1.8111	1.8638 1.6510	1.9842	2.0257	Ave		1.8403				8.1		35.0			
Pyridine	2.7416	2.6759	2.9902 2.4573	3.3967	2.7496	Ave		2.8352				11.4		35.0			
Phenol	3.7930	3.8377	3.8223 3.2462	4.0135	4.1973	Ave		3.8183				8.4		35.0			
Aniline	4.2500	4.2968	5.1174 3.8804	5.1352	4.8355	Ave		4.5859				11.3		35.0			
Bis(2-chloroethyl)ether	3.7078 2.9467	3.8680 3.0570	3.4536 2.7852	3.7775	3.5496	Ave		3.3932				12.1		35.0			
Benzonitrile	4.9653	4.6204	5.4988 4.3415	4.3286	5.6544	Ave		4.9015				11.7		35.0			
2-Chlorophenol	1.4807	1.4131	1.5532 1.3585	1.6769	1.5506	Ave		1.5055				7.5		35.0			
Decane	1.9683	1.9250	2.4759 1.5885	2.5236	2.3506	Ave		2.1386				17.3		35.0			
1,3-Dichlorobenzene	1.4565	1.4595	1.5797 1.3828	1.7107	1.5736	Ave		1.5271				7.7		35.0			
1,4-Dichlorobenzene	1.4267	1.4124	1.5122 1.3467	1.6194	1.5676	Ave		1.4808				7.0		35.0			
Benzyl alcohol	1.8247	1.9134	1.8689 1.7769	1.8358	1.9063	Ave		1.8543				2.8		35.0			
1,2-Dichlorobenzene	1.3988	1.3393	1.5853 1.2575	1.7353	1.5360	Ave		1.4754				11.9		35.0			
2-Methylphenol	2.4561	2.3494	2.5614 2.2085	2.7800	2.6123	Ave		2.4946				8.1		35.0			

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.: 460-121138-1 Analy Batch No.: 394601

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2016 16:32 Calibration End Date: 10/03/2016 19:27 Calibration ID: 58230

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								
bis (2-chloroisopropyl) ether	3.0164	2.9335	3.6681 2.4844	3.7751	3.7236	Ave		3.2668				16.3		35.0			
N-Methylaniline	3.6687	3.5847	4.3336 3.3703	3.3048	4.2341	Ave		3.7494				11.6		35.0			
Acetophenone	3.1384	3.0633	4.0858 2.8589	4.2116	4.0731	Ave		3.5718				17.2		35.0			
N-Nitrosodi-n-propylamine	2.0306 1.5830	2.4370 1.6098	2.1892 1.6357	2.0029	1.8836	Ave		1.9215			0.0500	15.9		35.0			
4-Methylphenol	2.5212	2.5069	2.9751 2.3263	2.9232	2.7649	Ave		2.6696				9.7		35.0			
Hexachloroethane	1.5478 1.2421	1.6405 1.1948	1.3039 1.1007	1.4529	1.3222	Ave		1.3506				13.6		35.0			
Nitrobenzene	1.3366 0.9332	1.2378 0.9136	1.3187 0.8346	1.1709	1.1621	Ave		1.1134				17.4		35.0			
n,n'-Dimethylaniline	4.0982 2.6155	3.3888 2.4540	3.2322 2.3957	2.3314	3.1293	Ave		2.9556				20.9		35.0			
Isophorone	1.7508	1.9818 1.7375	2.1614 1.7030	2.0955	1.9256	Ave		1.9079				9.6		35.0			
2-Nitrophenol	0.2586	0.2503	0.2577 0.2295	0.2899	0.2657	Ave		0.2586				7.6		35.0			
2,4-Dimethylphenol	0.4570	0.4436	0.5873 0.4417	0.5136	0.4819	Ave		0.4875				11.5		35.0			
Bis(2-chloroethoxy)methane	0.9414	0.9530	1.2342 0.8631	1.1988	1.0964	Ave		1.0478				14.4		35.0			
Benzoic acid	0.3131	0.3219	0.1654 0.3569	0.1930	0.2510	Ave		0.2669				28.7		35.0			
2,4-Dichlorophenol	0.3273	0.3160	0.3814 0.3081	0.3705	0.3456	Ave		0.3415				8.7		35.0			
1,2,4-Trichlorobenzene	0.4640 0.3698	0.4346 0.3406	0.3880 0.3451	0.4016	0.3640	Ave		0.3885				11.1		35.0			
Naphthalene	0.9396	0.9091	1.1597 0.8879	1.1920	1.0229	Ave		1.0185				12.8		35.0			
4-Chloroaniline	0.4970	0.5200	0.5970 0.5134	0.6254	0.5410	Ave		0.5490				9.3		35.0			
Hexachlorobutadiene	0.3441 0.2799	0.3492 0.2787	0.3157 0.2909	0.3261	0.3038	Ave		0.3111				8.8		35.0			
4-Chloro-3-methylphenol	0.7448	0.7000	0.9342 0.6490	0.8774	0.8080	Ave		0.7855				13.8		35.0			
2-Methylnaphthalene	0.7092	0.6998	0.9033 0.6808	0.8293	0.7718	Ave		0.7657				11.3		35.0			

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.: 460-121138-1 Analy Batch No.: 394601

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2016 16:32 Calibration End Date: 10/03/2016 19:27 Calibration ID: 58230

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-Methylnaphthalene	0.6899	0.8323 0.5947	0.7979 0.5971	0.8006	0.7040	Ave		0.7166				13.6		35.0			
Hexachlorocyclopentadiene	0.5294	0.5848	0.4601 0.5590	0.5635	0.5728	Ave		0.5450			0.0500	8.3		35.0			
1,2,4,5-Tetrachlorobenzene	0.6566	0.6940	0.8154 0.7026	0.7715	0.7840	Ave		0.7374				8.4		35.0			
2,4,6-Trichlorophenol	0.4566	0.4417 0.4554	0.4685 0.4608	0.5028	0.5250	Ave		0.4730				6.3		35.0			
2,4,5-Trichlorophenol	0.4588	0.4566	0.4635 0.4413	0.4756	0.4898	Ave		0.4643				3.6		35.0			
Diphenyl	1.4484	1.4166	1.6947 1.2984	1.8008	1.7570	Ave		1.5693				13.2		35.0			
2-Chloronaphthalene	1.0186	1.0695	1.3411 1.0325	1.1806	1.1199	Ave		1.1270				10.7		35.0			
Diphenyl ether	0.8187	0.8167	0.9105 0.8445	0.6697	0.9751	Ave		0.8392				12.3		35.0			
2-Nitroaniline	0.7549	0.7708	0.8214 0.7110	0.7887	0.8596	Ave		0.7844				6.6		35.0			
Dimethylnaphthalene, total	1.0445	0.9445	1.1873 1.0764	0.8918	1.1332	Ave		1.0463				10.7		35.0			
Dimethyl phthalate	1.4656	1.3462	1.6846 1.3348	1.7700	1.6379	Ave		1.5398				11.9		35.0			
Coumarin	0.2746	0.2323	0.3179 0.2517	0.2190	0.2771	Ave		0.2621				13.6		35.0			
2,6-Dinitrotoluene	0.3524	0.3241 0.3211	0.3830 0.3611	0.3865	0.3702	Ave		0.3569				7.4		35.0			
Acenaphthylene	1.5235	1.4683	1.7832 1.4777	1.8434	1.7954	Ave		1.6486				10.7		35.0			
3-Nitroaniline	0.4305	0.3491	0.4223 0.3722	0.4273	0.4356	Ave		0.4062				8.9		35.0			
Acenaphthene	1.4194	1.4599	1.4183 1.1737	1.4526	1.4147	Ave		1.3898				7.7		35.0			
2,4-Dinitrophenol	0.2312	0.2207	0.1546 0.2569	0.1844	0.2091	Ave		0.2095			0.0500	17.2		35.0			
4-Nitrophenol	0.4284	0.4150	0.3816 0.4386	0.4214	0.4490	Ave		0.4223			0.0500	5.5		35.0			
2,4-Dinitrotoluene	0.4868	0.4539 0.4473	0.4806 0.4675	0.5370	0.4941	Ave		0.4810				6.2		35.0			
Dibenzofuran	1.4846	1.4439	1.9238 1.4151	1.8820	1.7762	Ave		1.6543				14.0		35.0			

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.: 460-121138-1 Analy Batch No.: 394601

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2016 16:32 Calibration End Date: 10/03/2016 19:27 Calibration ID: 58230

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								
2,3,4,6-Tetrachlorophenol	0.4376	0.4103	0.4610 0.4268	0.4518	0.4694	Ave		0.4428				5.0		35.0			
Diethyl phthalate	1.6795	1.5147	2.0744 1.5437	1.9777	1.8781	Ave		1.7780				13.1		35.0			
4-Chlorophenyl phenyl ether	0.7114	0.7258	0.8085 0.7305	0.7367	0.7893	Ave		0.7504				5.2		35.0			
Fluorene	1.1785	1.1664	1.3406 1.2827	1.3253	1.2444	Ave		1.2563				5.8		35.0			
4-Nitroaniline	0.3656	0.3369	0.3958 0.2898	0.3974	0.3760	Ave		0.3603				11.4		35.0			
4,6-Dinitro-2-methylphenol	0.1928	0.0751 0.1729	0.1460 0.1907	0.1892	0.1840	Ave		0.1644				25.9		35.0			
N-Nitrosodiphenylamine	0.6121	0.5257	0.6962 0.5852	0.7121	0.6343	Ave		0.6276				11.1		35.0			
1,2-Diphenylhydrazine	1.5333	1.5700	1.9020 1.3116	1.9996	1.9096	Ave		1.7044				16.0		35.0			
4-Bromophenyl phenyl ether	0.3036	0.2804	0.3346 0.3100	0.3758	0.3160	Ave		0.3201				10.2		35.0			
Hexachlorobenzene	0.3118 0.2910	0.3230 0.2841	0.3122 0.2777	0.3358	0.3043	Ave		0.3050				6.5		35.0			
Pentachlorophenol	0.2114	0.1878	0.1710 0.2181	0.2076	0.2039	Ave		0.2000				8.7		35.0			
n-Octadecane	0.7370	0.7666	0.9242 0.6497	0.9843	0.9013	Ave		0.8272				15.6		35.0			
Phenanthrene	0.9760	0.8396	1.0473 0.9075	1.1732	1.0145	Ave		0.9930				11.7		35.0			
Anthracene	1.0187	0.9404	1.2084 0.8863	1.2265	1.0746	Ave		1.0591				13.1		35.0			
Carbazole	0.8381	0.8135	1.0388 0.7790	1.0966	1.0194	Ave		0.9309				14.6		35.0			
Di-n-butyl phthalate	1.4743	1.2184	2.1180 1.2168	1.9503	1.6807	Ave		1.6097				23.3		35.0			
Fluoranthene	1.1332	0.9624	1.3393 0.9818	1.4237	1.2291	Ave		1.1782				15.9		35.0			
Benzidine	0.5782	0.6011	0.5790 0.5905	0.6280	0.6098	Ave		0.5978				3.2		35.0			
Pyrene	1.4226	1.1475	1.6065 1.1312	1.5460	1.4999	Ave		1.3923				14.7		35.0			
Butyl benzyl phthalate	0.8298	0.7587	0.8668 0.7158	0.9315	0.8653	Ave		0.8280				9.5		35.0			

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.: 460-121138-1 Analy Batch No.: 394601

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2016 16:32 Calibration End Date: 10/03/2016 19:27 Calibration ID: 58230

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								
2,3,7,8-TCDD	0.2294					Ave		0.2294						35.0			
Carbamazepine	0.5695	0.5562	0.4891 0.5616	0.4160	0.5609	Ave		0.5255				11.7		35.0			
3,3'-Dichlorobenzidine	0.5157	0.4239 0.4694	0.4800 0.4653	0.6003	0.5060	Ave		0.4944				11.2		35.0			
Benzo[a]anthracene	1.3871 1.1138	1.1617 1.0307	1.1215 0.9864	1.1576	1.1336	Ave		1.1365				10.4		35.0			
Bis(2-ethylhexyl) phthalate	0.9447	0.8876 0.9083	0.8691 0.8747	0.9780	0.9769	Ave		0.9199				5.1		35.0			
Chrysene	1.0041	1.0500 0.8980	1.0647 0.9824	1.0577	1.0312	Ave		1.0126				5.8		35.0			
Di-n-octyl phthalate	1.8361	1.7466	1.8551 1.6691	2.0858	2.0485	Ave		1.8735				8.8		35.0			
Benzo[b]fluoranthene	1.3122 1.2595	1.2332 1.1666	1.2736 1.2031	1.4177	1.2952	Ave		1.2701				6.0		35.0			
Benzo[k]fluoranthene	1.3731 1.2024	1.2662 1.0145	1.2563 1.1055	1.2064	1.1681	Ave		1.1991				9.0		35.0			
Benzo[a]pyrene	1.2337 1.0952	0.9130 1.1268	1.2075 1.0749	1.1964	1.1840	Ave		1.1289				9.2		35.0			
Indeno[1,2,3-cd]pyrene	0.9380 0.9803	0.8732 1.0204	0.9528 1.0894	1.1056	0.9720	Ave		0.9915				7.8		35.0			
Dibenz(a,h)anthracene	0.7352 0.9062	0.8032 0.8466	0.7931 0.9865	0.8776	0.8774	Ave		0.8532				9.1		35.0			
Benzo[g,h,i]perylene	0.9851	1.0268	0.9218 1.1057	0.9100	0.9273	Ave		0.9795				7.8		35.0			
2-Fluorophenol	2.7743	3.1184 2.6956	2.9441 2.3597	3.1871	2.9951	Ave		2.8678				9.9		35.0			
Phenol-d5	3.8684	3.9930 3.8960	4.1659 3.4317	4.4443	4.2997	Ave		4.0141				8.3		35.0			
Nitrobenzene-d5	1.1908 0.9634	1.0445 1.0000	1.2189 0.8876	1.2570	1.1123	Ave		1.0843				12.2		35.0			
2-Fluorobiphenyl	1.6180 1.4038	1.5722 1.3920	1.6592 1.4061	1.7016	1.6543	Ave		1.5509				8.4		35.0			
2,4,6-Tribromophenol	0.3055	0.3343 0.2830	0.3440 0.2649	0.3247	0.3001	Ave		0.3081				9.2		35.0			
Terphenyl-d14	1.3480 1.1896	1.4553 1.0559	1.2530 0.9709	1.3649	1.2100	Ave		1.2309				13.1		35.0			

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.: 460-121138-1 Analy Batch No.: 394601

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2016 16:32 Calibration End Date: 10/03/2016 19:27 Calibration ID: 58230

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-394601/9	U29899.D
Level 2	STD02 460-394601/8	U29898.D
Level 3	STD1 460-394601/7	U29897.D
Level 4	STD2 460-394601/6	U29896.D
Level 5	STD4 460-394601/5	U29895.D
Level 6	ICIS 460-394601/2	U29892.D
Level 7	STD16 460-394601/4	U29894.D
Level 8	STD24 460-394601/3	U29893.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	DCBd 4	Ave	477798	801399	62615 1046585	116363	213962	10.0	16.0	1.00 24.0	2.00	4.00
N-Nitrosodimethylamine	DCBd 4	Ave	673418	1135787	79212 1507694	161338	322374	10.0	16.0	1.00 24.0	2.00	4.00
Pyridine	DCBd 4	Ave	1082354	1678106	127081 2243925	276187	437575	10.0	16.0	1.00 24.0	2.00	4.00
Phenol	DCBd 4	Ave	1497409	2406661	162445 2964376	326337	667953	10.0	16.0	1.00 24.0	2.00	4.00
Aniline	DCBd 4	Ave	1677849	2694562	217488 3543530	417544	769529	10.0	16.0	1.00 24.0	2.00	4.00
Bis(2-chloroethyl)ether	DCBd 4	Ave	15729 1163303	32337 1917118	146777 2543389	307148	564878	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzonitrile	DCBd 4	Ave	1960235	2897500	233696 3964620	351960	899842	10.0	16.0	1.00 24.0	2.00	4.00
2-Chlorophenol	DCBd 4	Ave	584560	886173	66009 1240583	136346	246768	10.0	16.0	1.00 24.0	2.00	4.00
Decane	DCBd 4	Ave	777041	1207166	105223 1450606	205193	374080	10.0	16.0	1.00 24.0	2.00	4.00
1,3-Dichlorobenzene	DCBd 4	Ave	575006	915273	67137 1262740	139093	250416	10.0	16.0	1.00 24.0	2.00	4.00
1,4-Dichlorobenzene	DCBd 4	Ave	563240	885709	64268 1229772	131672	249476	10.0	16.0	1.00 24.0	2.00	4.00
Benzyl alcohol	DCBd 4	Ave	720355	1199926	79429 1622599	149264	303366	10.0	16.0	1.00 24.0	2.00	4.00
1,2-Dichlorobenzene	DCBd 4	Ave	552234	839899	67376 1148365	141095	244446	10.0	16.0	1.00 24.0	2.00	4.00
2-Methylphenol	DCBd 4	Ave	969617	1473358	108860 2016760	226041	415718	10.0	16.0	1.00 24.0	2.00	4.00
bis (2-chloroisopropyl) ether	DCBd 4	Ave	1190833	1839620	155892 2268676	306950	592570	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.: 460-121138-1 Analy Batch No.: 394601

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2016 16:32 Calibration End Date: 10/03/2016 19:27 Calibration ID: 58230

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
N-Methylaniline	DCBd 4	Ave	1448337	2248041	184176 3077717	268710	673818	10.0	16.0	1.00 24.0	2.00	4.00
Acetophenone	DCBd 4	Ave	1238976	1921044	173645 2610668	342442	648198	10.0	16.0	1.00 24.0	2.00	4.00
N-Nitrosodi-n-propylamine	DCBd 4	Ave	8614 624929	20374 1009516	93040 1493692	162854	299762	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
4-Methylphenol	DCBd 4	Ave	995315	1572122	126442 2124370	237684	440002	10.0	16.0	1.00 24.0	2.00	4.00
Hexachloroethane	DCBd 4	Ave	6566 490379	13715 749288	55414 1005124	118136	210420	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Nitrobenzene	NPT	Ave	20545 1318472	37797 2013167	191375 2598666	343140	678760	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
n,n'-Dimethylaniline	DCBd 4	Ave	17385 1032556	28331 1538965	137368 2187740	189566	497993	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Isophorone	NPT	Ave	2473466	60518 3828801	313676 5302457	614087	1124722	10.0	0.200 16.0	1.00 24.0	2.00	4.00
2-Nitrophenol	NPT	Ave	365317	551467	37405 714626	84950	155186	10.0	16.0	1.00 24.0	2.00	4.00
2,4-Dimethylphenol	NPT	Ave	645686	977564	85230 1375274	150508	281491	10.0	16.0	1.00 24.0	2.00	4.00
Bis(2-chloroethoxy)methane	NPT	Ave	1329976	2100027	179119 2687492	351325	640352	10.0	16.0	1.00 24.0	2.00	4.00
Benzoic acid	NPT	Ave	442406	709400	24003 1111333	56547	146612	10.0	16.0	1.00 24.0	2.00	4.00
2,4-Dichlorophenol	NPT	Ave	462451	696458	55345 959366	108585	201862	10.0	16.0	1.00 24.0	2.00	4.00
1,2,4-Trichlorobenzene	NPT	Ave	7132 522513	13270 750522	56306 1074593	117698	212592	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Naphthalene	NPT	Ave	1327424	2003334	168299 2764480	349332	597457	10.0	16.0	1.00 24.0	2.00	4.00
4-Chloroaniline	NPT	Ave	702162	1145991	86637 1598599	183264	315983	10.0	16.0	1.00 24.0	2.00	4.00
Hexachlorobutadiene	NPT	Ave	5289 395425	10664 614244	45813 905897	95553	177447	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
4-Chloro-3-methylphenol	NPT	Ave	1052234	1542524	135574 2020729	257113	471914	10.0	16.0	1.00 24.0	2.00	4.00
2-Methylnaphthalene	NPT	Ave	1001992	1542151	131089 2119902	243032	450811	10.0	16.0	1.00 24.0	2.00	4.00
1-Methylnaphthalene	NPT	Ave	974733	25415 1310474	115792 1859232	234620	411173	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Hexachlorocyclopentadiene	ANT	Ave	440504	719245	42357 986181	99662	186537	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.: 460-121138-1 Analy Batch No.: 394601

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2016 16:32 Calibration End Date: 10/03/2016 19:27 Calibration ID: 58230

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
1,2,4,5-Tetrachlorobenzene	ANT	Ave	546300	853519	75058 1239561	136447	255325	10.0	16.0	1.00 24.0	2.00	4.00
2,4,6-Trichlorophenol	ANT	Ave	379876	8660 560032	43130 812869	88929	170993	10.0	0.200 16.0	1.00 24.0	2.00	4.00
2,4,5-Trichlorophenol	ANT	Ave	381711	561500	42666 778494	84113	159518	10.0	16.0	1.00 24.0	2.00	4.00
Diphenyl	ANT	Ave	1205094	1742178	156000 2290489	318465	572212	10.0	16.0	1.00 24.0	2.00	4.00
2-Chloronaphthalene	ANT	Ave	847543	1315351	123453 1821452	208791	364733	10.0	16.0	1.00 24.0	2.00	4.00
Diphenyl ether	ANT	Ave	681193	1004412	83810 1489893	118445	317578	10.0	16.0	1.00 24.0	2.00	4.00
2-Nitroaniline	ANT	Ave	628134	947955	75613 1254377	139483	279953	10.0	16.0	1.00 24.0	2.00	4.00
Dimethylnaphthalene, total	ANT	Ave	869011	1161598	109296 1898891	157724	369050	10.0	16.0	1.00 24.0	2.00	4.00
Dimethyl phthalate	ANT	Ave	1219425	1655607	155068 2354765	313018	533418	10.0	16.0	1.00 24.0	2.00	4.00
Coumarin	NPT	Ave	387984	511948	46129 783663	64167	161827	10.0	16.0	1.00 24.0	2.00	4.00
2,6-Dinitrotoluene	ANT	Ave	293240	6353 394857	35257 636985	68347	120575	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Acenaphthylene	ANT	Ave	1267602	1805810	164149 2606786	326001	584706	10.0	16.0	1.00 24.0	2.00	4.00
3-Nitroaniline	ANT	Ave	358205	429352	38875 656634	75565	141858	10.0	16.0	1.00 24.0	2.00	4.00
Acenaphthene	ANT	Ave	1180977	1795497	130561 2070554	256891	460729	10.0	16.0	1.00 24.0	2.00	4.00
2,4-Dinitrophenol	ANT	Ave	384665	542895	28458 906435	65207	136195	20.0	32.0	2.00 48.0	4.00	8.00
4-Nitrophenol	ANT	Ave	712895	1020903	70261 1547550	149035	292425	20.0	32.0	2.00 48.0	4.00	8.00
2,4-Dinitrotoluene	ANT	Ave	405033	8898 550163	44240 824781	94968	160901	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Dibenzofuran	ANT	Ave	1235266	1775746	177095 2496448	332835	578448	10.0	16.0	1.00 24.0	2.00	4.00
2,3,4,6-Tetrachlorophenol	ANT	Ave	364074	504637	42438 752951	79898	152878	10.0	16.0	1.00 24.0	2.00	4.00
Diethyl phthalate	ANT	Ave	1397418	1862898	190955 2723228	349750	611664	10.0	16.0	1.00 24.0	2.00	4.00
4-Chlorophenyl phenyl ether	ANT	Ave	591895	892641	74421 1288721	130282	257050	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.: 460-121138-1 Analy Batch No.: 394601

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2016 16:32 Calibration End Date: 10/03/2016 19:27 Calibration ID: 58230

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
Fluorene	ANT	Ave	980575	1434578	123408 2262772	234380	405265	10.0	16.0	1.00 24.0	2.00	4.00
4-Nitroaniline	ANT	Ave	304217	414335	36434 511239	70288	122439	10.0	16.0	1.00 24.0	2.00	4.00
4,6-Dinitro-2-methylphenol	PHN	Ave	517583	4649 657933	43802 1018402	102800	190910	20.0	0.400 32.0	2.00 48.0	4.00	8.00
N-Nitrosodiphenylamine	PHN	Ave	821458	1000364	104422 1562701	193432	329152	10.0	16.0	1.00 24.0	2.00	4.00
1,2-Diphenylhydrazine	PHN	Ave	2057654	2987319	285257 3502637	543164	990945	10.0	16.0	1.00 24.0	2.00	4.00
4-Bromophenyl phenyl ether	PHN	Ave	407477	533481	50185 827803	102078	163957	10.0	16.0	1.00 24.0	2.00	4.00
Hexachlorobenzene	PHN	Ave	5000 390460	10003 540658	46828 741578	91211	157900	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Pentachlorophenol	PHN	Ave	567444	714679	51285 1164685	112777	211623	20.0	32.0	2.00 48.0	4.00	8.00
n-Octadecane	PHN	Ave	989012	1458697	138611 1735139	267360	467720	10.0	16.0	1.00 24.0	2.00	4.00
Phenanthrene	PHN	Ave	1309669	1597610	157071 2423452	318691	526445	10.0	16.0	1.00 24.0	2.00	4.00
Anthracene	PHN	Ave	1366969	1789362	181241 2366758	333165	557614	10.0	16.0	1.00 24.0	2.00	4.00
Carbazole	PHN	Ave	1124748	1547894	155800 2080444	297870	528998	10.0	16.0	1.00 24.0	2.00	4.00
Di-n-butyl phthalate	PHN	Ave	1978446	2318326	317655 3249421	529762	872129	10.0	16.0	1.00 24.0	2.00	4.00
Fluoranthene	PHN	Ave	1520664	1831283	200865 2621837	386736	637774	10.0	16.0	1.00 24.0	2.00	4.00
Benzidine	PHN	Ave	775965	1143728	86839 1576849	170585	316439	10.0	16.0	1.00 24.0	2.00	4.00
Pyrene	CRY	Ave	1455488	1755221	203959 2592105	355867	636463	10.0	16.0	1.00 24.0	2.00	4.00
Butyl benzyl phthalate	CRY	Ave	848946	1160540	110047 1640261	214417	367192	10.0	16.0	1.00 24.0	2.00	4.00
2,3,7,8-TCDD	CRY	Ave	2347					0.100				
Carbamazepine	CRY	Ave	582626	850813	62092 1286847	95762	238005	10.0	16.0	1.00 24.0	2.00	4.00
3,3'-Dichlorobenzidine	CRY	Ave	527631	10871 718097	60942 1066175	138184	214694	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[a]anthracene	CRY	Ave	18204 1139535	29790 1576570	142381 2260434	266460	481016	0.100 10.0	0.200 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.: 460-121138-1 Analy Batch No.: 394601

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2016 16:32 Calibration End Date: 10/03/2016 19:27 Calibration ID: 58230

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
Bis(2-ethylhexyl) phthalate	CRY	Ave	966476	22760 1389397	110338 2004385	225124	414523	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Chrysene	CRY	Ave	1027312	26926 1373565	135175 2251116	243475	437565	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Di-n-octyl phthalate	PRY	Ave	1664185	2490305	192498 3325116	412468	775218	10.0	16.0	1.00 24.0	2.00	4.00
Benzo[b]fluoranthene	PRY	Ave	13840 1141554	25688 1663298	132163 2396720	280351	490138	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[k]fluoranthene	PRY	Ave	14483 1089824	26377 1446481	130362 2202424	238574	442044	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[a]pyrene	PRY	Ave	13012 992651	19018 1606510	125300 2141401	236587	448049	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Indeno[1,2,3-cd]pyrene	PRY	Ave	9894 888497	18190 1454855	98873 2170253	218625	367842	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Dibenz(a,h)anthracene	PRY	Ave	7754 821345	16732 1207016	82302 1965304	173545	332037	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[g,h,i]perylene	PRY	Ave	892864	1464037	95652 2202832	179959	350909	10.0	16.0	1.00 24.0	2.00	4.00
2-Fluorophenol	DCBd 4	Ave	1095265	26070 1690453	125123 2154812	259143	476648	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Phenol-d5	DCBd 4	Ave	1527180	33382 2443229	177049 3133735	361367	684262	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Nitrobenzene-d5	NPT	Ave	18304 1361107	31895 2203563	176890 2763765	368375	649664	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
2-Fluorobiphenyl	ANT	Ave	16489 1168031	30821 1711915	152732 2480555	300925	538778	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
2,4,6-Tribromophenol	ANT	Ave	254189	6554 348037	31670 467233	57427	97735	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Terphenyl-d14	CRY	Ave	17691 1217050	37318 1615222	159078 2224800	314176	513428	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29892.D
Lims ID: icis
Client ID:
Sample Type: ICIS Calib Level: 6
Inject. Date: 03-Oct-2016 16:32:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-002
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub1

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:13:39 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: croccom Date: 03-Oct-2016 16:57:59

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	1.885	1.885	0.000	87	477798	10.0	9.21	
2 N-Nitrosodimethylamine	74	2.118	2.118	0.000	89	673418	10.0	9.27	
3 Pyridine	79	2.164	2.164	0.000	95	1082354	10.0	9.67	
$ 4 2-Fluorophenol	112	3.317	3.317	0.000	93	1095265	10.0	9.67	
$ 6 Phenol-d5	99	4.237	4.237	0.000	94	1527180	10.0	9.64	
7 Phenol	94	4.249	4.249	0.000	98	1497409	10.0	9.93	
8 Aniline	93	4.272	4.272	0.000	96	1677849	10.0	9.27	
9 Bis(2-chloroethyl)ether	93	4.331	4.331	0.000	94	1163303	10.0	8.68	
10 Benzonitrile	103	4.355	4.355	0.000	97	1960235	10.0	10.1	
11 2-Chlorophenol	128	4.401	4.401	0.000	84	584560	10.0	9.84	
12 n-Decane	43	4.437	4.437	0.000	85	777041	10.0	9.20	
13 1,3-Dichlorobenzene	146	4.542	4.542	0.000	75	575006	10.0	9.54	
* 14 1,4-Dichlorobenzene-d4	152	4.601	4.601	0.000	86	315828	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.613	4.613	0.000	76	563240	10.0	9.63	
17 Benzyl alcohol	108	4.730	4.730	0.000	89	720355	10.0	9.84	
18 1,2-Dichlorobenzene	146	4.765	4.765	0.000	77	552234	10.0	9.48	
19 2-Methylphenol	108	4.848	4.848	0.000	85	969617	10.0	9.85	
20 2,2'-oxybis[1-chloropropan	45	4.871	4.871	0.000	93	1190833	10.0	9.23	
23 N-Methylaniline	106	4.989	4.989	0.000	79	1448337	10.0	9.78	
24 Acetophenone	105	5.000	5.000	0.000	80	1238976	10.0	8.79	
21 4-Methylphenol	108	5.012	5.012	0.000	89	995315	10.0	9.44	
25 N-Nitrosodi-n-propylamine	70	5.012	5.012	0.000	84	624929	10.0	8.24	
26 3 & 4 Methylphenol	108	5.012	5.012	0.000	81	998691	NC	NC	
27 Hexachloroethane	117	5.106	5.106	0.000	82	490379	10.0	9.20	
$ 28 Nitrobenzene-d5	82	5.153	5.153	0.000	85	1361107	10.0	8.89	
30 n,n'-Dimethylaniline	120	5.177	5.177	0.000	78	1032556	10.0	8.85	
29 Nitrobenzene	77	5.177	5.177	0.000	90	1318472	10.0	8.38	
31 Isophorone	82	5.411	5.411	0.000	97	2473466	10.0	9.18	
32 2-Nitrophenol	139	5.493	5.493	0.000	68	365317	10.0	10.0	
33 2,4-Dimethylphenol	122	5.540	5.540	0.000	80	645686	10.0	9.37	
34 Bis(2-chloroethoxy)methane	93	5.622	5.622	0.000	94	1329976	10.0	8.98	

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	5.669	5.669	0.000	87	442406	10.0	11.7	
36 2,4-Dichlorophenol	162	5.739	5.739	0.000	85	462451	10.0	9.59	
37 1,2,4-Trichlorobenzene	180	5.820	5.820	0.000	88	522513	10.0	9.52	
* 38 Naphthalene-d8	136	5.878	5.878	0.000	95	1130232	8.00	8.00	
39 Naphthalene	128	5.890	5.890	0.000	94	1327424	10.0	9.22	
40 4-Chloroaniline	127	5.949	5.949	0.000	87	702162	10.0	9.05	
41 Hexachlorobutadiene	225	6.020	6.020	0.000	83	395425	10.0	9.00	
44 4-Chloro-3-methylphenol	107	6.430	6.430	0.000	87	1052234	10.0	9.48	
45 2-Methylnaphthalene	142	6.582	6.582	0.000	78	1001992	10.0	9.26	
46 1-Methylnaphthalene	142	6.687	6.687	0.000	87	974733	10.0	9.63	
47 Hexachlorocyclopentadiene	237	6.745	6.745	0.000	82	440504	10.0	9.72	
48 1,2,4,5-Tetrachlorobenzene	216	6.757	6.757	0.000	94	546300	10.0	8.90	
49 2-tertbutyl-4-methylphenol	149	6.779	6.779	0.000	75	764811	NC	NC	
50 2,4,6-Trichlorophenol	196	6.871	6.871	0.000	78	379876	10.0	9.65	
51 2,4,5-Trichlorophenol	196	6.906	6.906	0.000	86	381711	10.0	9.88	
$ 52 2-Fluorobiphenyl	172	6.953	6.953	0.000	95	1168031	10.0	9.05	
53 1,1'-Biphenyl	154	7.046	7.046	0.000	97	1205094	10.0	9.23	
54 2-Chloronaphthalene	162	7.068	7.068	0.000	88	847543	10.0	9.04	
55 Phenyl ether	170	7.150	7.150	0.000	79	681193	10.0	9.76	
57 2-Nitroaniline	65	7.174	7.174	0.000	83	628134	10.0	9.62	
58 1,3-Dimethylnaphthalene	156	7.290	7.290	0.000	86	869011	10.0	9.98	
59 Dimethyl phthalate	163	7.361	7.361	0.000	93	1219425	10.0	9.52	
60 Coumarin	146	7.384	7.384	0.000	64	387984	10.0	10.5	
61 2,6-Dinitrotoluene	165	7.407	7.407	0.000	75	293240	10.0	9.87	
62 Acenaphthylene	152	7.477	7.477	0.000	94	1267602	10.0	9.24	
63 3-Nitroaniline	138	7.582	7.582	0.000	83	358205	10.0	10.6	
* 64 Acenaphthene-d10	164	7.617	7.617	0.000	81	665621	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.640	7.640	0.000	96	1036348	NC	NC	
66 Acenaphthene	154	7.651	7.651	0.000	95	1180977	10.0	10.2	
67 2,4-Dinitrophenol	184	7.686	7.686	0.000	76	384665	20.0	22.1	
69 4-Nitrophenol	65	7.745	7.745	0.000	78	712895	20.0	20.3	
70 2,4-Dinitrotoluene	165	7.801	7.801	0.000	78	405033	10.0	10.1	
71 Dibenzofuran	168	7.825	7.825	0.000	88	1235266	10.0	8.97	
72 2,3,4,6-Tetrachlorophenol	232	7.943	7.943	0.000	81	364074	10.0	9.88	
73 Diethyl phthalate	149	8.047	8.047	0.000	93	1397418	10.0	9.45	
74 4-Chlorophenyl phenyl ethe	204	8.151	8.151	0.000	72	591895	10.0	9.48	
75 Fluorene	166	8.162	8.162	0.000	93	980575	10.0	9.38	
76 4-Nitroaniline	138	8.185	8.185	0.000	78	304217	10.0	10.1	
77 4,6-Dinitro-2-methylphenol	198	8.220	8.220	0.000	65	517583	20.0	23.5	
78 N-Nitrosodiphenylamine	169	8.278	8.278	0.000	67	821458	10.0	9.75	
79 1,2-Diphenylhydrazine	77	8.313	8.313	0.000	96	2057654	10.0	9.00	
$ 80 2,4,6-Tribromophenol	330	8.406	8.406	0.000	79	254189	10.0	9.92	
81 4-Bromophenyl phenyl ether	248	8.637	8.637	0.000	77	407477	10.0	9.49	
82 Hexachlorobenzene	284	8.707	8.707	0.000	88	390460	10.0	9.54	
84 Pentachlorophenol	266	8.905	8.905	0.000	88	567444	20.0	21.1	
85 Pentachloronitrobenzene	237	8.916	8.916	0.000	83	261844	NC	NC	
86 n-Octadecane	57	8.961	8.961	0.000	89	989012	10.0	8.91	
* 87 Phenanthrene-d10	188	9.076	9.076	0.000	95	1073553	8.00	8.00	
88 Phenanthrene	178	9.110	9.110	0.000	98	1309669	10.0	9.83	
89 Anthracene	178	9.157	9.157	0.000	94	1366969	10.0	9.62	
90 Carbazole	167	9.307	9.307	0.000	97	1124748	10.0	9.00	
91 Di-n-butyl phthalate	149	9.646	9.646	0.000	98	1978446	10.0	9.16	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.273	10.273	0.000	95	1520664	10.0	9.62	
93 Benzidine	184	10.401	10.401	0.000	98	775965	10.0	9.67	
94 Pyrene	202	10.506	10.506	0.000	94	1455488	10.0	10.2	
95 Bisphenol-A	213	10.540	10.540	0.000	0	653459	NC	NC	
$ 96 Terphenyl-d14	244	10.666	10.666	0.000	98	1217050	10.0	9.66	
97 Butyl benzyl phthalate	149	11.192	11.192	0.000	86	848946	10.0	10.0	
98 2,3,7,8-TCDD	320	11.322	11.322	0.000	54	2347	0.1000	0.1000	
99 Carbamazepine	193	11.333	11.333	0.000	87	582626	10.0	10.8	
100 3,3'-Dichlorobenzidine	252	11.849	11.849	0.000	97	527631	10.0	10.4	
101 Benzo[a]anthracene	228	11.883	11.883	0.000	97	1139535	10.0	9.80	
* 102 Chrysene-d12	240	11.894	11.894	0.000	98	818471	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.905	11.905	0.000	91	966476	10.0	10.3	
104 Chrysene	228	11.928	11.928	0.000	97	1027312	10.0	9.92	
105 Di-n-octyl phthalate	149	12.783	12.783	0.000	95	1664185	10.0	9.80	
106 Benzo[b]fluoranthene	252	13.320	13.320	0.000	96	1141554	10.0	9.92	
107 Benzo[k]fluoranthene	252	13.365	13.365	0.000	97	1089824	10.0	10.0	
108 Benzo[a]pyrene	252	13.774	13.774	0.000	97	992651	10.0	9.70	
* 109 Perylene-d12	264	13.854	13.854	0.000	98	725093	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.447	15.447	0.000	97	888497	10.0	9.89	
111 Dibenz(a,h)anthracene	278	15.492	15.492	0.000	99	821345	10.0	10.6	
112 Benzo[g,h,i]perylene	276	15.907	15.907	0.000	96	892864	10.0	10.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL6_00043 Amount Added: 1.00 Units: mL

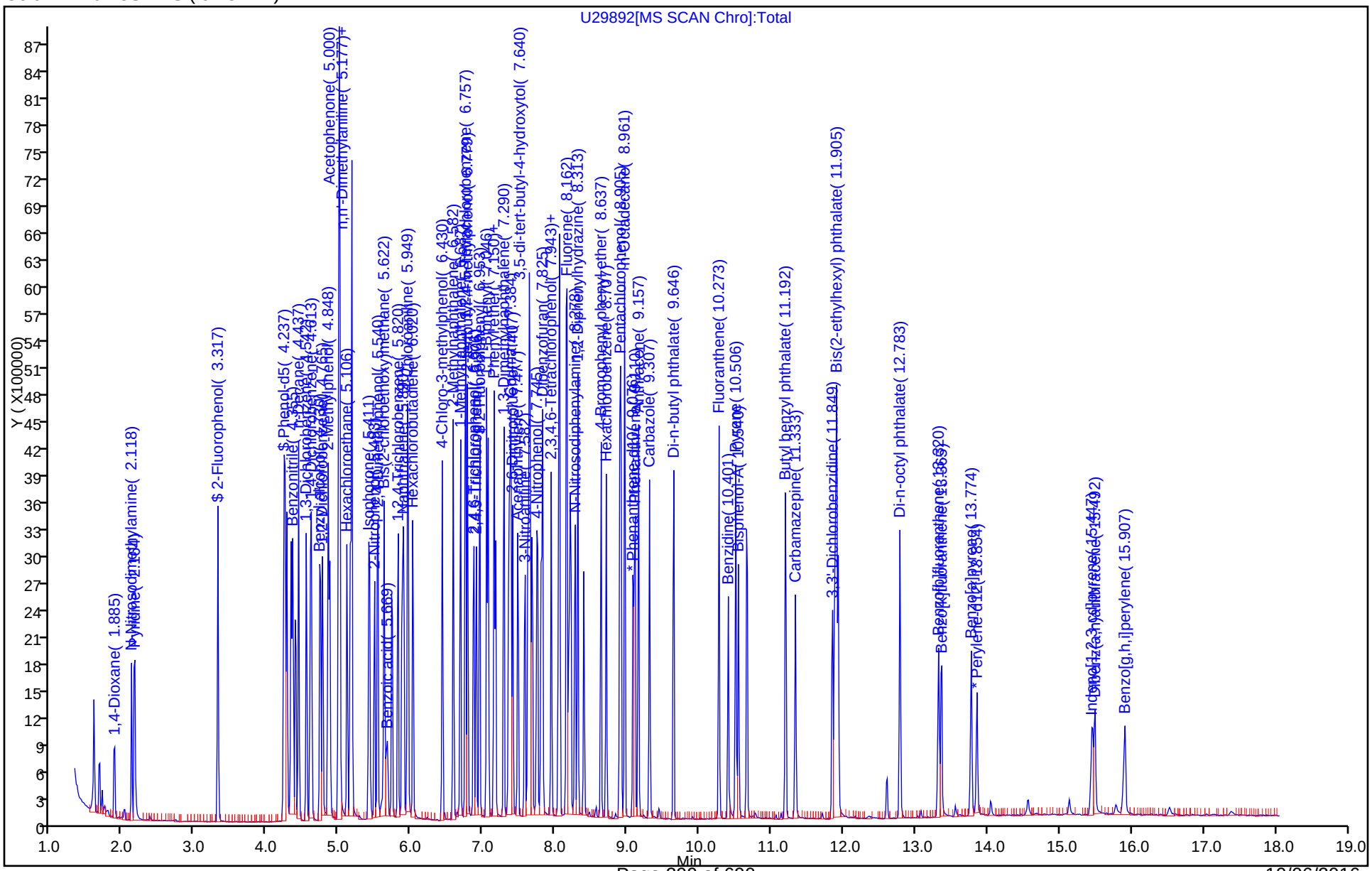
Report Date: 05-Oct-2016 14:13:43 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29892.D

Injection Date:	03-Oct-2016 16:32:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	icis			Worklist Smp#:	2
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29893.D
Lims ID: STD24
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 03-Oct-2016 17:13:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-003
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub1

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:13:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 19:28:09

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	1.876	1.885	-0.009	87	1046585	24.0	20.9	
2 N-Nitrosodimethylamine	74	2.122	2.118	0.004	88	1507694	24.0	21.5	
3 Pyridine	79	2.157	2.164	-0.007	93	2243925	24.0	20.8	
$ 4 2-Fluorophenol	112	3.314	3.317	-0.003	92	2154812	24.0	19.7	
$ 6 Phenol-d5	99	4.249	4.237	0.012	91	3133735	24.0	20.5	
7 Phenol	94	4.261	4.249	0.011	99	2964376	24.0	20.4	
8 Aniline	93	4.284	4.272	0.012	95	3543530	24.0	20.3	
9 Bis(2-chloroethyl)ether	93	4.343	4.331	0.012	95	2543389	24.0	19.7	
10 Benzonitrile	103	4.378	4.355	0.023	95	3964620	24.0	21.3	
11 2-Chlorophenol	128	4.401	4.401	0.000	84	1240583	24.0	21.7	
12 n-Decane	43	4.437	4.437	0.000	83	1450606	24.0	17.8	
13 1,3-Dichlorobenzene	146	4.554	4.542	0.012	80	1262740	24.0	21.7	
* 14 1,4-Dichlorobenzene-d4	152	4.601	4.601	0.000	87	304394	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.613	4.613	0.000	81	1229772	24.0	21.8	
17 Benzyl alcohol	108	4.754	4.730	0.024	93	1622599	24.0	23.0	
18 1,2-Dichlorobenzene	146	4.777	4.765	0.012	83	1148365	24.0	20.5	
19 2-Methylphenol	108	4.858	4.848	0.010	86	2016760	24.0	21.2	
20 2,2'-oxybis[1-chloropropan	45	4.870	4.871	-0.001	90	2268676	24.0	18.3	
23 N-Methylaniline	106	4.999	4.989	0.010	81	3077717	24.0	21.6	
24 Acetophenone	105	5.011	5.000	0.011	96	2610668	24.0	19.2	
21 4-Methylphenol	108	5.023	5.012	0.011	80	2124370	24.0	20.9	
25 N-Nitrosodi-n-propylamine	70	5.047	5.012	0.034	84	1493692	24.0	20.4	
26 3 & 4 Methylphenol	108	5.023	5.012	0.011	78	2131492	NC	NC	
27 Hexachloroethane	117	5.105	5.106	-0.001	85	1005124	24.0	19.6	
$ 28 Nitrobenzene-d5	82	5.164	5.153	0.011	86	2763765	24.0	19.6	
30 n,n'-Dimethylaniline	120	5.188	5.177	0.011	78	2187740	24.0	19.5	
29 Nitrobenzene	77	5.188	5.177	0.011	90	2598666	24.0	18.0	
31 Isophorone	82	5.434	5.411	0.023	98	5302457	24.0	21.4	
32 2-Nitrophenol	139	5.493	5.493	0.000	62	714626	24.0	21.3	
33 2,4-Dimethylphenol	122	5.540	5.540	0.000	80	1375274	24.0	21.7	
34 Bis(2-chloroethoxy)methane	93	5.634	5.622	0.012	94	2687492	24.0	19.8	

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	5.728	5.669	0.059	79	1111333	24.0	32.1	
36 2,4-Dichlorophenol	162	5.740	5.739	0.001	79	959366	24.0	21.7	
37 1,2,4-Trichlorobenzene	180	5.823	5.820	0.003	88	1074593	24.0	21.3	
* 38 Naphthalene-d8	136	5.882	5.878	0.004	96	1037881	8.00	8.00	
39 Naphthalene	128	5.904	5.890	0.014	92	2764480	24.0	20.9	
40 4-Chloroaniline	127	5.962	5.949	0.013	86	1598599	24.0	22.4	
41 Hexachlorobutadiene	225	6.032	6.020	0.012	92	905897	24.0	22.4	
44 4-Chloro-3-methylphenol	107	6.441	6.430	0.011	88	2020729	24.0	19.8	
45 2-Methylnaphthalene	142	6.593	6.582	0.011	76	2119902	24.0	21.3	
46 1-Methylnaphthalene	142	6.687	6.687	0.000	84	1859232	24.0	20.0	
47 Hexachlorocyclopentadiene	237	6.756	6.745	0.011	91	986181	24.0	24.6	
48 1,2,4,5-Tetrachlorobenzene	216	6.767	6.757	0.010	93	1239561	24.0	22.9	
49 2-tertbutyl-4-methylphenol	149	6.789	6.779	0.010	77	1645700	NC	NC	
50 2,4,6-Trichlorophenol	196	6.870	6.871	-0.001	73	812869	24.0	23.4	
51 2,4,5-Trichlorophenol	196	6.916	6.906	0.010	91	778494	24.0	22.8	
$ 52 2-Fluorobiphenyl	172	6.962	6.953	0.009	93	2480555	24.0	21.8	
53 1,1'-Biphenyl	154	7.055	7.046	0.009	96	2290489	24.0	19.9	
54 2-Chloronaphthalene	162	7.078	7.068	0.010	88	1821452	24.0	22.0	
55 Phenyl ether	170	7.159	7.150	0.009	80	1489893	24.0	24.2	
57 2-Nitroaniline	65	7.182	7.174	0.008	80	1254377	24.0	21.8	
58 1,3-Dimethylnaphthalene	156	7.298	7.290	0.008	91	1898891	24.0	24.7	
59 Dimethyl phthalate	163	7.380	7.361	0.019	95	2354765	24.0	20.8	
60 Coumarin	146	7.403	7.384	0.019	64	783663	24.0	23.0	
61 2,6-Dinitrotoluene	165	7.426	7.407	0.019	85	636985	24.0	24.3	
62 Acenaphthylene	152	7.496	7.477	0.019	93	2606786	24.0	21.5	
63 3-Nitroaniline	138	7.588	7.582	0.006	82	656634	24.0	22.0	
* 64 Acenaphthene-d10	164	7.624	7.617	0.007	91	588044	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.646	7.640	0.006	95	2219187	NC	NC	
66 Acenaphthene	154	7.657	7.651	0.006	95	2070554	24.0	20.3	
67 2,4-Dinitrophenol	184	7.703	7.686	0.017	82	906435	48.0	58.9	
69 4-Nitrophenol	65	7.772	7.745	0.027	77	1547550	48.0	49.9	
70 2,4-Dinitrotoluene	165	7.819	7.801	0.018	77	824781	24.0	23.3	
71 Dibenzofuran	168	7.830	7.825	0.005	88	2496448	24.0	20.5	
72 2,3,4,6-Tetrachlorophenol	232	7.956	7.943	0.013	85	752951	24.0	23.1	
73 Diethyl phthalate	149	8.061	8.047	0.014	94	2723228	24.0	20.8	
74 4-Chlorophenyl phenyl ethe	204	8.163	8.151	0.012	82	1288721	24.0	23.4	
75 Fluorene	166	8.174	8.162	0.012	93	2262772	24.0	24.5	
76 4-Nitroaniline	138	8.219	8.185	0.034	78	511239	24.0	19.3	
77 4,6-Dinitro-2-methylphenol	198	8.231	8.220	0.011	68	1018402	48.0	55.7	
78 N-Nitrosodiphenylamine	169	8.289	8.278	0.011	69	1562701	24.0	22.4	
79 1,2-Diphenylhydrazine	77	8.325	8.313	0.012	93	3502637	24.0	18.5	
$ 80 2,4,6-Tribromophenol	330	8.406	8.406	0.000	78	467233	24.0	20.6	
81 4-Bromophenyl phenyl ether	248	8.647	8.637	0.010	80	827803	24.0	23.2	
82 Hexachlorobenzene	284	8.716	8.707	0.009	86	741578	24.0	21.9	
84 Pentachlorophenol	266	8.913	8.905	0.008	89	1164685	48.0	52.3	
85 Pentachloronitrobenzene	237	8.924	8.916	0.008	83	546030	NC	NC	
86 n-Octadecane	57	8.969	8.961	0.008	85	1735139	24.0	18.9	
* 87 Phenanthrene-d10	188	9.084	9.076	0.008	94	890170	8.00	8.00	
88 Phenanthrene	178	9.118	9.110	0.008	95	2423452	24.0	21.9	
89 Anthracene	178	9.164	9.157	0.007	91	2366758	24.0	20.1	
90 Carbazole	167	9.314	9.307	0.007	95	2080444	24.0	20.1	
91 Di-n-butyl phthalate	149	9.651	9.646	0.005	96	3249421	24.0	18.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.277	10.273	0.004	93	2621837	24.0	20.0	
93 Benzidine	184	10.405	10.401	0.004	96	1576849	24.0	23.7	
94 Pyrene	202	10.517	10.506	0.011	92	2592105	24.0	19.5	
95 Bisphenol-A	213	10.551	10.540	0.011	0	1390791	NC	NC	
$ 96 Terphenyl-d14	244	10.665	10.666	-0.001	96	2224800	24.0	18.9	
97 Butyl benzyl phthalate	149	11.203	11.192	0.011	88	1640261	24.0	20.7	
99 Carbamazepine	193	11.353	11.333	0.020	85	1286847	24.0	25.6	
100 3,3'-Dichlorobenzidine	252	11.865	11.849	0.016	97	1066175	24.0	22.6	
101 Benzo[a]anthracene	228	11.888	11.883	0.005	98	2260434	24.0	20.8	
* 102 Chrysene-d12	240	11.899	11.894	0.005	99	763834	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.910	11.905	0.005	92	2004385	24.0	22.8	
104 Chrysene	228	11.944	11.928	0.016	96	2251116	24.0	23.3	
105 Di-n-octyl phthalate	149	12.793	12.783	0.010	96	3325116	24.0	21.4	
106 Benzo[b]fluoranthene	252	13.335	13.320	0.015	96	2396720	24.0	22.7	
107 Benzo[k]fluoranthene	252	13.380	13.365	0.015	97	2202424	24.0	22.1	
108 Benzo[a]pyrene	252	13.795	13.774	0.021	96	2141401	24.0	22.9	
* 109 Perylene-d12	264	13.864	13.854	0.010	98	664061	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.481	15.447	0.034	96	2170253	24.0	26.4	
111 Dibenz(a,h)anthracene	278	15.526	15.492	0.034	96	1965304	24.0	27.7	
112 Benzo[g,h,i]perylene	276	15.952	15.907	0.045	96	2202832	24.0	27.1	
S 119 Total Cresols	1				0			21.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL8_00013 Amount Added: 1.00 Units: mL

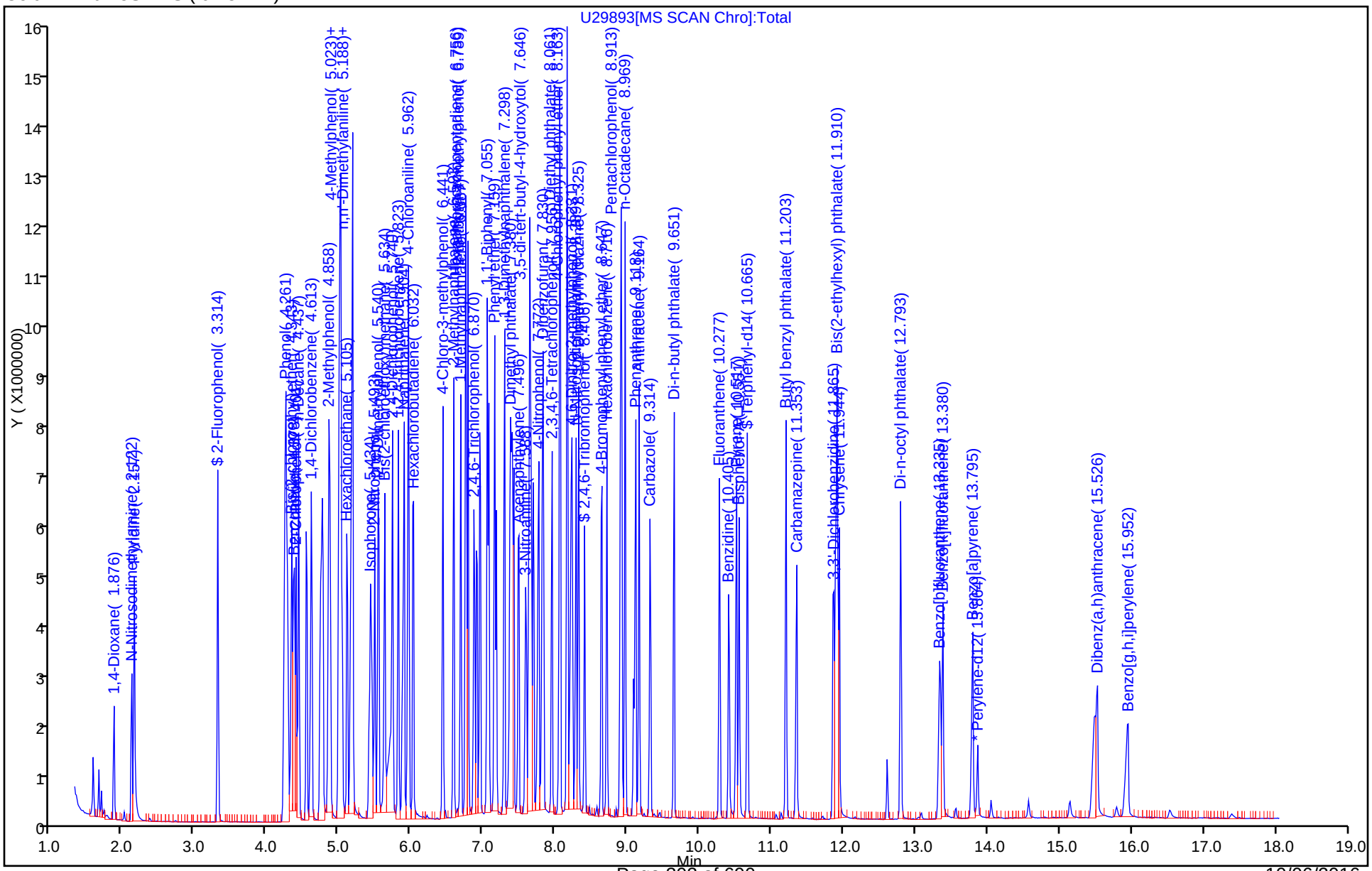
Report Date: 05-Oct-2016 14:13:47 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29893.D

Injection Date:	03-Oct-2016 17:13:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	STD24			Worklist Smp#:	3
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29894.D
Lims ID: STD16
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 03-Oct-2016 17:35:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-004
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub1

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:13:50 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 19:29:06

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	1.874	1.885	-0.011	89	801399	16.0	15.6	
2 N-Nitrosodimethylamine	74	2.120	2.118	0.002	89	1135787	16.0	15.7	
3 Pyridine	79	2.156	2.164	-0.008	95	1678106	16.0	15.1	
$ 4 2-Fluorophenol	112	3.311	3.317	-0.006	93	1690453	16.0	15.0	
$ 6 Phenol-d5	99	4.246	4.237	0.009	87	2443229	16.0	15.5	
7 Phenol	94	4.258	4.249	0.009	99	2406661	16.0	16.1	
8 Aniline	93	4.269	4.272	-0.003	95	2694562	16.0	15.0	
9 Bis(2-chloroethyl)ether	93	4.340	4.331	0.009	94	1917118	16.0	14.4	
10 Benzonitrile	103	4.363	4.355	0.008	95	2897500	16.0	15.1	
11 2-Chlorophenol	128	4.398	4.401	-0.003	82	886173	16.0	15.0	
12 n-Decane	43	4.432	4.437	-0.005	85	1207166	16.0	14.4	
13 1,3-Dichlorobenzene	146	4.547	4.542	0.005	77	915273	16.0	15.3	
* 14 1,4-Dichlorobenzene-d4	152	4.594	4.601	-0.007	83	313557	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.618	4.613	0.005	77	885709	16.0	15.3	
17 Benzyl alcohol	108	4.735	4.730	0.005	91	1199926	16.0	16.5	
18 1,2-Dichlorobenzene	146	4.770	4.765	0.005	77	839899	16.0	14.5	
19 2-Methylphenol	108	4.852	4.848	0.004	86	1473358	16.0	15.1	
20 2,2'-oxybis[1-chloropropan	45	4.876	4.871	0.005	92	1839620	16.0	14.4	
23 N-Methylaniline	106	4.993	4.989	0.004	81	2248041	16.0	15.3	
24 Acetophenone	105	5.005	5.000	0.005	97	1921044	16.0	13.7	
21 4-Methylphenol	108	5.017	5.012	0.005	85	1572122	16.0	15.0	
25 N-Nitrosodi-n-propylamine	70	5.017	5.012	0.005	65	1009516	16.0	13.4	
26 3 & 4 Methylphenol	108	5.017	5.012	0.005	81	1592707	NC	NC	
27 Hexachloroethane	117	5.109	5.106	0.003	86	749288	16.0	14.2	
$ 28 Nitrobenzene-d5	82	5.156	5.153	0.003	85	2203563	16.0	14.8	
30 n,n'-Dimethylaniline	120	5.180	5.177	0.003	77	1538965	16.0	13.3	
29 Nitrobenzene	77	5.180	5.177	0.003	90	2013167	16.0	13.1	
31 Isophorone	82	5.425	5.411	0.014	98	3828801	16.0	14.6	
32 2-Nitrophenol	139	5.495	5.493	0.002	71	551467	16.0	15.5	
33 2,4-Dimethylphenol	122	5.542	5.540	0.002	79	977564	16.0	14.6	
34 Bis(2-chloroethoxy)methane	93	5.624	5.622	0.002	94	2100027	16.0	14.6	

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	5.695	5.669	0.026	80	709400	16.0	19.3	
36 2,4-Dichlorophenol	162	5.730	5.739	-0.009	87	696458	16.0	14.8	
37 1,2,4-Trichlorobenzene	180	5.813	5.820	-0.007	86	750522	16.0	14.0	
* 38 Naphthalene-d8	136	5.872	5.878	-0.006	94	1101817	8.00	8.00	
39 Naphthalene	128	5.895	5.890	0.005	93	2003334	16.0	14.3	
40 4-Chloroaniline	127	5.954	5.949	0.005	90	1145991	16.0	15.2	
41 Hexachlorobutadiene	225	6.024	6.020	0.004	88	614244	16.0	14.3	
44 4-Chloro-3-methylphenol	107	6.433	6.430	0.003	87	1542524	16.0	14.3	
45 2-Methylnaphthalene	142	6.586	6.582	0.004	77	1542151	16.0	14.6	
46 1-Methylnaphthalene	142	6.679	6.687	-0.008	83	1310474	16.0	13.3	
47 Hexachlorocyclopentadiene	237	6.749	6.745	0.004	91	719245	16.0	17.2	
48 1,2,4,5-Tetrachlorobenzene	216	6.761	6.757	0.004	94	853519	16.0	15.1	
49 2-tertbutyl-4-methylphenol	149	6.783	6.779	0.004	77	1236341	NC	NC	
50 2,4,6-Trichlorophenol	196	6.863	6.871	-0.008	72	560032	16.0	15.4	
51 2,4,5-Trichlorophenol	196	6.897	6.906	-0.009	80	561500	16.0	15.7	
$ 52 2-Fluorobiphenyl	172	6.943	6.953	-0.010	93	1711915	16.0	14.4	
53 1,1'-Biphenyl	154	7.047	7.046	0.001	97	1742178	16.0	14.4	
54 2-Chloronaphthalene	162	7.069	7.068	0.001	88	1315351	16.0	15.2	
55 Phenyl ether	170	7.151	7.150	0.001	80	1004412	16.0	15.6	
57 2-Nitroaniline	65	7.175	7.174	0.001	83	947955	16.0	15.7	
58 1,3-Dimethylnaphthalene	156	7.281	7.290	-0.009	84	1161598	16.0	14.4	
59 Dimethyl phthalate	163	7.362	7.361	0.001	92	1655607	16.0	14.0	
60 Coumarin	146	7.384	7.384	0.000	65	511948	16.0	14.2	
61 2,6-Dinitrotoluene	165	7.407	7.407	0.000	75	394857	16.0	14.4	
62 Acenaphthylene	152	7.486	7.477	0.009	94	1805810	16.0	14.3	
63 3-Nitroaniline	138	7.580	7.582	-0.002	82	429352	16.0	13.8	
* 64 Acenaphthene-d10	164	7.615	7.617	-0.002	92	614934	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.638	7.640	-0.002	96	1471844	NC	NC	
66 Acenaphthene	154	7.649	7.651	-0.002	94	1795497	16.0	16.8	
67 2,4-Dinitrophenol	184	7.684	7.686	-0.002	71	542895	32.0	33.7	
69 4-Nitrophenol	65	7.753	7.745	0.008	79	1020903	32.0	31.4	
70 2,4-Dinitrotoluene	165	7.811	7.801	0.010	80	550163	16.0	14.9	
71 Dibenzofuran	168	7.823	7.825	-0.002	87	1775746	16.0	14.0	
72 2,3,4,6-Tetrachlorophenol	232	7.949	7.943	0.006	91	504637	16.0	14.8	
73 Diethyl phthalate	149	8.054	8.047	0.007	96	1862898	16.0	13.6	
74 4-Chlorophenyl phenyl ethe	204	8.156	8.151	0.005	79	892641	16.0	15.5	
75 Fluorene	166	8.156	8.162	-0.006	92	1434578	16.0	14.9	
76 4-Nitroaniline	138	8.202	8.185	0.017	74	414335	16.0	15.0	
77 4,6-Dinitro-2-methylphenol	198	8.213	8.220	-0.007	54	657933	32.0	33.7	
78 N-Nitrosodiphenylamine	169	8.271	8.278	-0.007	67	1000364	16.0	13.4	
79 1,2-Diphenylhydrazine	77	8.318	8.313	0.005	97	2987319	16.0	14.7	
$ 80 2,4,6-Tribromophenol	330	8.400	8.406	-0.006	90	348037	16.0	14.7	
81 4-Bromophenyl phenyl ether	248	8.633	8.637	-0.004	72	533481	16.0	14.0	
82 Hexachlorobenzene	284	8.713	8.707	0.006	95	540658	16.0	14.9	
84 Pentachlorophenol	266	8.898	8.905	-0.007	85	714679	32.0	30.1	
85 Pentachloronitrobenzene	237	8.910	8.916	-0.006	79	343802	NC	NC	
86 n-Octadecane	57	8.966	8.961	0.005	87	1458697	16.0	14.8	
* 87 Phenanthrene-d10	188	9.079	9.076	0.003	96	951383	8.00	8.00	
88 Phenanthrene	178	9.101	9.110	-0.009	95	1597610	16.0	13.5	
89 Anthracene	178	9.159	9.157	0.002	94	1789362	16.0	14.2	
90 Carbazole	167	9.311	9.307	0.004	97	1547894	16.0	14.0	
91 Di-n-butyl phthalate	149	9.638	9.646	-0.008	97	2318326	16.0	12.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.271	10.273	-0.002	93	1831283	16.0	13.1	
93 Benzidine	184	10.398	10.401	-0.003	97	1143728	16.0	16.1	
94 Pyrene	202	10.501	10.506	-0.005	93	1755221	16.0	13.2	
95 Bisphenol-A	213	10.547	10.540	0.007	0	954735	NC	NC	
$ 96 Terphenyl-d14	244	10.661	10.666	-0.005	98	1615222	16.0	13.7	
97 Butyl benzyl phthalate	149	11.194	11.192	0.002	87	1160540	16.0	14.7	
99 Carbamazepine	193	11.333	11.333	0.000	87	850813	16.0	16.9	
100 3,3'-Dichlorobenzidine	252	11.847	11.849	-0.002	97	718097	16.0	15.2	
101 Benzo[a]anthracene	228	11.880	11.883	-0.003	99	1576570	16.0	14.5	
* 102 Chrysene-d12	240	11.892	11.894	-0.002	98	764830	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.903	11.905	-0.002	91	1389397	16.0	15.8	
104 Chrysene	228	11.925	11.928	-0.003	97	1373565	16.0	14.2	
105 Di-n-octyl phthalate	149	12.782	12.783	-0.001	96	2490305	16.0	14.9	
106 Benzo[b]fluoranthene	252	13.319	13.320	-0.001	95	1663298	16.0	14.7	
107 Benzo[k]fluoranthene	252	13.364	13.365	-0.001	96	1446481	16.0	13.5	
108 Benzo[a]pyrene	252	13.779	13.774	0.005	97	1606510	16.0	16.0	
* 109 Perylene-d12	264	13.847	13.854	-0.007	97	712891	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.463	15.447	0.016	96	1454855	16.0	16.5	M
111 Dibenz(a,h)anthracene	278	15.496	15.492	0.004	98	1207016	16.0	15.9	
112 Benzo[g,h,i]perylene	276	15.912	15.907	0.005	96	1464037	16.0	16.8	
S 119 Total Cresols	1				0			15.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL7_00013 Amount Added: 1.00 Units: mL

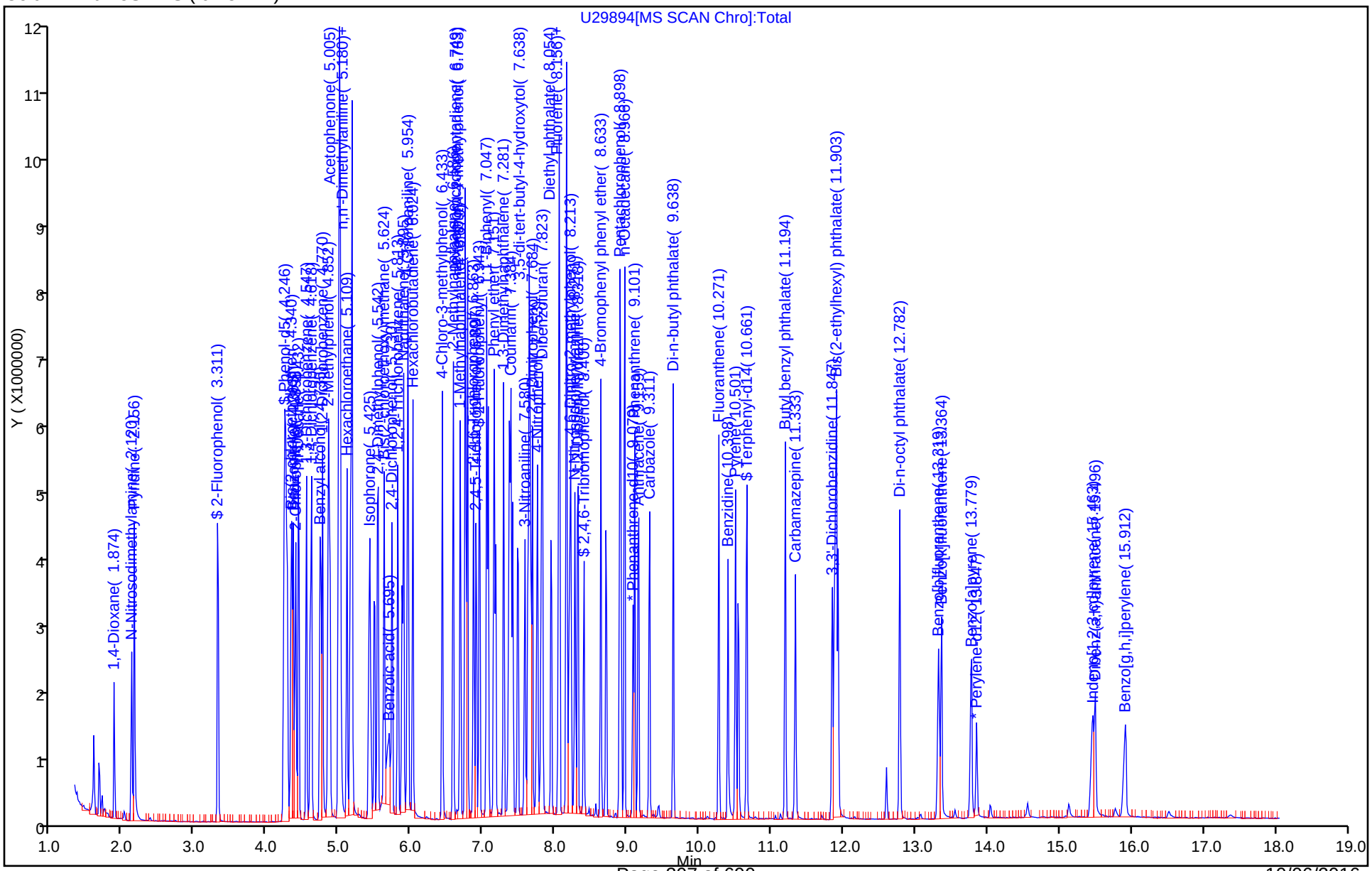
Report Date: 05-Oct-2016 14:13:52 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29894.D

Injection Date:	03-Oct-2016 17:35:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	STD16			Worklist Smp#:	4
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29895.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 03-Oct-2016 17:57:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-005
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub1

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:13:54 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 19:30:28

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	1.877	1.885	-0.008	86	213962	4.00	4.09	
2 N-Nitrosodimethylamine	74	2.109	2.118	-0.009	91	322374	4.00	4.40	
3 Pyridine	79	2.156	2.164	-0.008	97	437575	4.00	3.88	
$ 4 2-Fluorophenol	112	3.313	3.317	-0.004	94	476648	4.00	4.18	
$ 6 Phenol-d5	99	4.222	4.237	-0.015	89	684262	4.00	4.28	
7 Phenol	94	4.233	4.249	-0.016	97	667953	4.00	4.40	
8 Aniline	93	4.269	4.272	-0.003	93	769529	4.00	4.22	
9 Bis(2-chloroethyl)ether	93	4.316	4.331	-0.015	96	564878	4.00	4.18	
10 Benzonitrile	103	4.339	4.355	-0.016	98	899842	4.00	4.61	
11 2-Chlorophenol	128	4.386	4.401	-0.015	82	246768	4.00	4.12	
12 n-Decane	43	4.433	4.437	-0.004	86	374080	4.00	4.40	
13 1,3-Dichlorobenzene	146	4.538	4.542	-0.004	75	250416	4.00	4.12	
* 14 1,4-Dichlorobenzene-d4	152	4.597	4.601	-0.004	87	318281	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.609	4.613	-0.004	79	249476	4.00	4.23	
17 Benzyl alcohol	108	4.726	4.730	-0.004	91	303366	4.00	4.11	
18 1,2-Dichlorobenzene	146	4.761	4.765	-0.004	77	244446	4.00	4.16	
19 2-Methylphenol	108	4.843	4.848	-0.005	90	415718	4.00	4.19	
20 2,2'-oxybis[1-chloropropan	45	4.865	4.871	-0.006	90	592570	4.00	4.56	
23 N-Methylaniline	106	4.981	4.989	-0.008	83	673818	4.00	4.52	
24 Acetophenone	105	4.992	5.000	-0.008	89	648198	4.00	4.56	
21 4-Methylphenol	108	4.992	5.012	-0.020	71	440002	4.00	4.14	
25 N-Nitrosodi-n-propylamine	70	4.992	5.012	-0.020	70	299762	4.00	3.92	
26 3 & 4 Methylphenol	108	4.992	5.012	-0.020	80	447179	NC	NC	
27 Hexachloroethane	117	5.097	5.106	-0.009	83	210420	4.00	3.92	
$ 28 Nitrobenzene-d5	82	5.143	5.153	-0.010	82	649664	4.00	4.10	
30 n,n'-Dimethylaniline	120	5.167	5.177	-0.011	89	497993	4.00	4.23	
29 Nitrobenzene	77	5.167	5.177	-0.011	90	678760	4.00	4.17	
31 Isophorone	82	5.400	5.411	-0.011	97	1124722	4.00	4.04	
32 2-Nitrophenol	139	5.482	5.493	-0.011	65	155186	4.00	4.11	
33 2,4-Dimethylphenol	122	5.529	5.540	-0.011	79	281491	4.00	3.95	
34 Bis(2-chloroethoxy)methane	93	5.611	5.622	-0.011	94	640352	4.00	4.19	

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	5.623	5.669	-0.046	79	146612	4.00	3.76	
36 2,4-Dichlorophenol	162	5.728	5.739	-0.011	84	201862	4.00	4.05	
37 1,2,4-Trichlorobenzene	180	5.810	5.820	-0.010	88	212592	4.00	3.75	
* 38 Naphthalene-d8	136	5.868	5.878	-0.010	96	1168151	8.00	8.00	
39 Naphthalene	128	5.892	5.890	0.002	96	597457	4.00	4.02	
40 4-Chloroaniline	127	5.939	5.949	-0.010	86	315983	4.00	3.94	
41 Hexachlorobutadiene	225	6.019	6.020	-0.001	89	177447	4.00	3.91	
44 4-Chloro-3-methylphenol	107	6.428	6.430	-0.002	87	471914	4.00	4.11	
45 2-Methylnaphthalene	142	6.578	6.582	-0.004	75	450811	4.00	4.03	
46 1-Methylnaphthalene	142	6.671	6.687	-0.016	84	411173	4.00	3.93	
47 Hexachlorocyclopentadiene	237	6.741	6.745	-0.004	90	186537	4.00	4.20	
48 1,2,4,5-Tetrachlorobenzene	216	6.752	6.757	-0.005	94	255325	4.00	4.25	
49 2-tertbutyl-4-methylphenol	149	6.776	6.779	-0.003	76	354958	NC	NC	
50 2,4,6-Trichlorophenol	196	6.856	6.871	-0.015	72	170993	4.00	4.44	
51 2,4,5-Trichlorophenol	196	6.891	6.906	-0.015	84	159518	4.00	4.22	
$ 52 2-Fluorobiphenyl	172	6.937	6.953	-0.016	94	538778	4.00	4.27	
53 1,1'-Biphenyl	154	7.042	7.046	-0.004	97	572212	4.00	4.48	
54 2-Chloronaphthalene	162	7.065	7.068	-0.003	91	364733	4.00	3.97	
55 Phenyl ether	170	7.145	7.150	-0.005	83	317578	4.00	4.65	
57 2-Nitroaniline	65	7.155	7.174	-0.019	81	279953	4.00	4.38	
58 1,3-Dimethylnaphthalene	156	7.271	7.290	-0.019	84	369050	4.00	4.33	
59 Dimethyl phthalate	163	7.342	7.361	-0.019	93	533418	4.00	4.25	
60 Coumarin	146	7.365	7.384	-0.019	64	161827	4.00	4.23	
61 2,6-Dinitrotoluene	165	7.401	7.407	-0.006	79	120575	4.00	4.15	
62 Acenaphthylene	152	7.471	7.477	-0.006	95	584706	4.00	4.36	
63 3-Nitroaniline	138	7.563	7.582	-0.019	83	141858	4.00	4.29	
* 64 Acenaphthene-d10	164	7.610	7.617	-0.007	92	651349	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.634	7.640	-0.006	96	422462	NC	NC	
66 Acenaphthene	154	7.645	7.651	-0.006	96	460729	4.00	4.07	
67 2,4-Dinitrophenol	184	7.668	7.686	-0.018	87	136195	8.00	7.99	
69 4-Nitrophenol	65	7.727	7.745	-0.018	82	292425	8.00	8.50	
70 2,4-Dinitrotoluene	165	7.797	7.801	-0.004	78	160901	4.00	4.11	
71 Dibenzofuran	168	7.809	7.825	-0.016	89	578448	4.00	4.29	
72 2,3,4,6-Tetrachlorophenol	232	7.938	7.943	-0.005	89	152878	4.00	4.24	
73 Diethyl phthalate	149	8.030	8.047	-0.017	93	611664	4.00	4.23	
74 4-Chlorophenyl phenyl ethe	204	8.147	8.151	-0.004	79	257050	4.00	4.21	
75 Fluorene	166	8.147	8.162	-0.015	91	405265	4.00	3.96	
76 4-Nitroaniline	138	8.171	8.185	-0.014	76	122439	4.00	4.17	
77 4,6-Dinitro-2-methylphenol	198	8.194	8.220	-0.026	65	190910	8.00	8.95	
78 N-Nitrosodiphenylamine	169	8.263	8.278	-0.015	68	329152	4.00	4.04	
79 1,2-Diphenylhydrazine	77	8.298	8.313	-0.015	96	990945	4.00	4.48	
$ 80 2,4,6-Tribromophenol	330	8.392	8.406	-0.014	87	97735	4.00	3.90	
81 4-Bromophenyl phenyl ether	248	8.625	8.637	-0.012	73	163957	4.00	3.95	
82 Hexachlorobenzene	284	8.695	8.707	-0.012	86	157900	4.00	3.99	
84 Pentachlorophenol	266	8.892	8.905	-0.013	90	211623	8.00	8.16	
85 Pentachloronitrobenzene	237	8.903	8.916	-0.013	82	112219	NC	NC	
86 n-Octadecane	57	8.950	8.961	-0.011	92	467720	4.00	4.36	
* 87 Phenanthrene-d10	188	9.066	9.076	-0.010	95	1037829	8.00	8.00	
88 Phenanthrene	178	9.090	9.110	-0.020	98	526445	4.00	4.09	
89 Anthracene	178	9.148	9.157	-0.009	97	557614	4.00	4.06	
90 Carbazole	167	9.299	9.307	-0.008	99	528998	4.00	4.38	
91 Di-n-butyl phthalate	149	9.636	9.646	-0.010	99	872129	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	10.265	10.273	-0.008	96	637774	4.00	4.17	
93 Benzidine	184	10.393	10.401	-0.008	98	316439	4.00	4.08	
94 Pyrene	202	10.499	10.506	-0.007	96	636463	4.00	4.31	
95 Bisphenol-A	213	10.533	10.540	-0.007	0	296665	NC	NC	
$ 96 Terphenyl-d14	244	10.646	10.666	-0.020	97	513428	4.00	3.93	
97 Butyl benzyl phthalate	149	11.184	11.192	-0.008	85	367192	4.00	4.18	
99 Carbamazepine	193	11.313	11.333	-0.020	87	238005	4.00	4.27	
100 3,3'-Dichlorobenzidine	252	11.827	11.849	-0.022	95	214694	4.00	4.09	
101 Benzo[a]anthracene	228	11.860	11.883	-0.023	99	481016	4.00	3.99	
* 102 Chrysene-d12	240	11.883	11.894	-0.011	98	848663	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.894	11.905	-0.011	91	414523	4.00	4.25	
104 Chrysene	228	11.917	11.928	-0.011	98	437565	4.00	4.07	
105 Di-n-octyl phthalate	149	12.777	12.783	-0.006	97	775218	4.00	4.37	
106 Benzo[b]fluoranthene	252	13.304	13.320	-0.016	96	490138	4.00	4.08	
107 Benzo[k]fluoranthene	252	13.338	13.365	-0.027	97	442044	4.00	3.90	
108 Benzo[a]pyrene	252	13.758	13.774	-0.016	97	448049	4.00	4.20	
* 109 Perylene-d12	264	13.839	13.854	-0.015	99	756856	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.428	15.447	-0.019	96	367842	4.00	3.92	M
111 Dibenz(a,h)anthracene	278	15.462	15.492	-0.030	96	332037	4.00	4.11	
112 Benzo[g,h,i]perylene	276	15.881	15.907	-0.026	96	350909	4.00	3.79	
S 119 Total Cresols	1				0			4.19	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL5_00021 Amount Added: 1.00 Units: mL

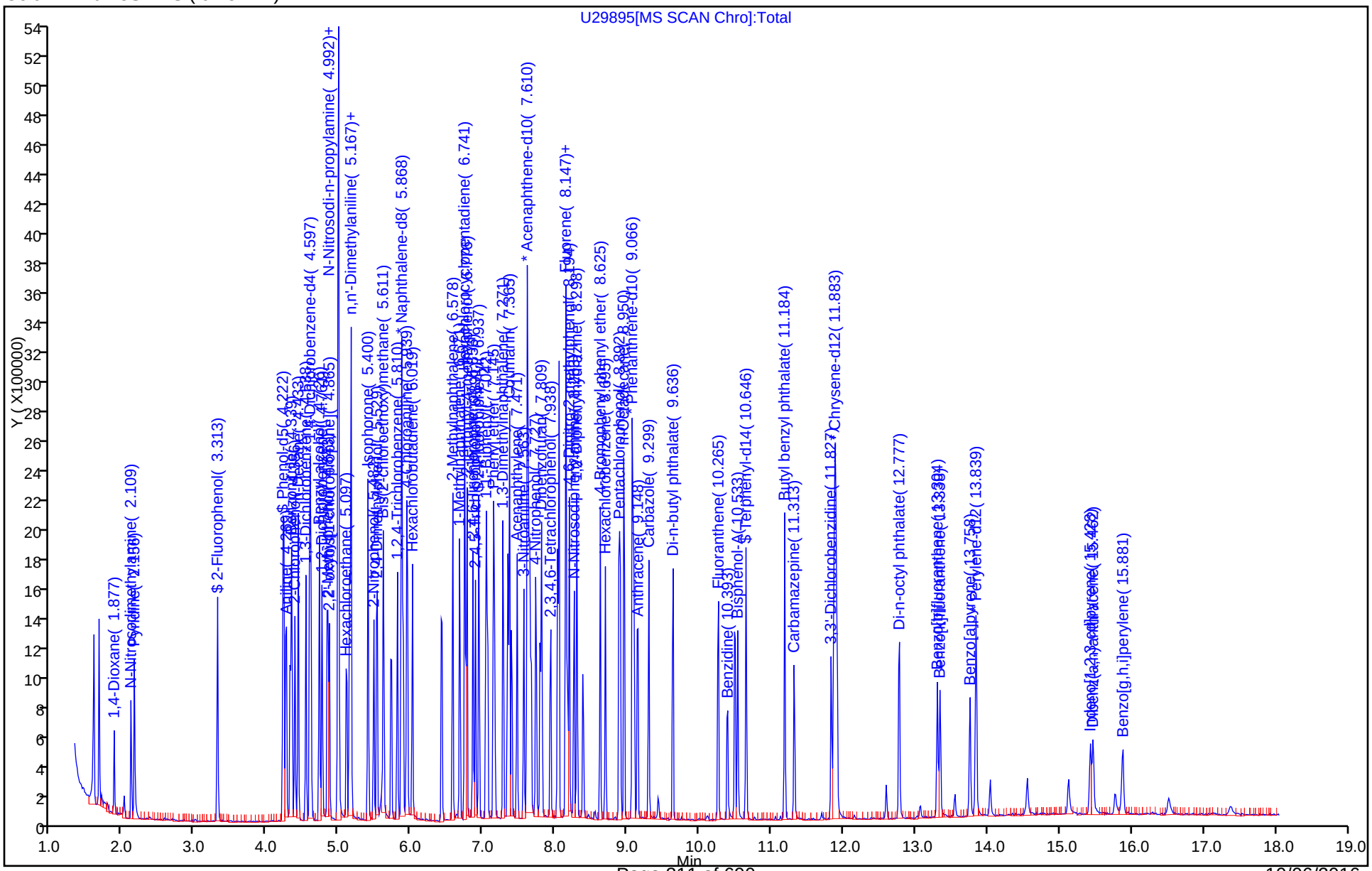
Report Date: 05-Oct-2016 14:13:56 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29895.D

Injection Date:	03-Oct-2016 17:57:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	STD4			Worklist Smp#:	5
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29896.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 03-Oct-2016 18:20:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-006
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub1

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:13:58 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 19:31:36

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	1.874	1.885	-0.011	89	116363	2.00	2.18	
2 N-Nitrosodimethylamine	74	2.106	2.118	-0.012	84	161338	2.00	2.16	
3 Pyridine	79	2.153	2.164	-0.011	95	276187	2.00	2.40	
$ 4 2-Fluorophenol	112	3.313	3.317	-0.004	94	259143	2.00	2.22	
$ 6 Phenol-d5	99	4.211	4.237	-0.026	89	361367	2.00	2.21	
7 Phenol	94	4.234	4.249	-0.015	95	326337	2.00	2.10	
8 Aniline	93	4.258	4.272	-0.014	95	417544	2.00	2.24	
9 Bis(2-chloroethyl)ether	93	4.316	4.331	-0.015	94	307148	2.00	2.23	
10 Benzonitrile	103	4.340	4.355	-0.015	99	351960	2.00	1.77	
11 2-Chlorophenol	128	4.387	4.401	-0.014	83	136346	2.00	2.23	
12 n-Decane	43	4.434	4.437	-0.003	88	205193	2.00	2.36	
13 1,3-Dichlorobenzene	146	4.539	4.542	-0.003	78	139093	2.00	2.24	
* 14 1,4-Dichlorobenzene-d4	152	4.586	4.601	-0.015	84	325238	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.610	4.613	-0.003	82	131672	2.00	2.19	
17 Benzyl alcohol	108	4.726	4.730	-0.004	92	149264	2.00	1.98	
18 1,2-Dichlorobenzene	146	4.760	4.765	-0.005	80	141095	2.00	2.35	
19 2-Methylphenol	108	4.829	4.848	-0.019	90	226041	2.00	2.23	
20 2,2'-oxybis[1-chloropropan	45	4.864	4.871	-0.007	93	306950	2.00	2.31	
23 N-Methylaniline	106	4.981	4.989	-0.008	82	268710	2.00	1.76	
24 Acetophenone	105	4.993	5.000	-0.007	88	342442	2.00	2.36	
21 4-Methylphenol	108	4.993	5.012	-0.019	72	237684	2.00	2.19	
25 N-Nitrosodi-n-propylamine	70	4.993	5.012	-0.019	66	162854	2.00	2.08	
26 3 & 4 Methylphenol	108	4.993	5.012	-0.019	86	239332	NC	NC	
27 Hexachloroethane	117	5.097	5.106	-0.009	83	118136	2.00	2.15	
$ 28 Nitrobenzene-d5	82	5.143	5.153	-0.010	83	368375	2.00	2.32	
30 n,n'-Dimethylaniline	120	5.165	5.177	-0.012	93	189566	2.00	1.58	
29 Nitrobenzene	77	5.153	5.177	-0.024	91	343140	2.00	2.10	
31 Isophorone	82	5.399	5.411	-0.013	97	614087	2.00	2.20	
32 2-Nitrophenol	139	5.479	5.493	-0.014	68	84950	2.00	2.24	
33 2,4-Dimethylphenol	122	5.526	5.540	-0.014	79	150508	2.00	2.11	
34 Bis(2-chloroethoxy)methane	93	5.609	5.622	-0.013	92	351325	2.00	2.29	

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	5.597	5.669	-0.072	81	56547	2.00	1.45	
36 2,4-Dichlorophenol	162	5.726	5.739	-0.013	85	108585	2.00	2.17	
37 1,2,4-Trichlorobenzene	180	5.808	5.820	-0.012	88	117698	2.00	2.07	
* 38 Naphthalene-d8	136	5.867	5.878	-0.011	96	1172213	8.00	8.00	
39 Naphthalene	128	5.878	5.890	-0.012	95	349332	2.00	2.34	
40 4-Chloroaniline	127	5.937	5.949	-0.012	87	183264	2.00	2.28	
41 Hexachlorobutadiene	225	6.019	6.020	-0.001	90	95553	2.00	2.10	
44 4-Chloro-3-methylphenol	107	6.417	6.430	-0.013	86	257113	2.00	2.23	
45 2-Methylnaphthalene	142	6.569	6.582	-0.013	76	243032	2.00	2.17	
46 1-Methylnaphthalene	142	6.672	6.687	-0.015	84	234620	2.00	2.23	
47 Hexachlorocyclopentadiene	237	6.741	6.745	-0.004	89	99662	2.00	2.07	
48 1,2,4,5-Tetrachlorobenzene	216	6.741	6.757	-0.016	86	136447	2.00	2.09	
49 2-tertbutyl-4-methylphenol	149	6.775	6.779	-0.004	74	143454	NC	NC	
50 2,4,6-Trichlorophenol	196	6.856	6.871	-0.015	75	88929	2.00	2.13	
51 2,4,5-Trichlorophenol	196	6.890	6.906	-0.016	84	84113	2.00	2.05	
$ 52 2-Fluorobiphenyl	172	6.938	6.953	-0.015	95	300925	2.00	2.19	
53 1,1'-Biphenyl	154	7.031	7.046	-0.015	95	318465	2.00	2.29	
54 2-Chloronaphthalene	162	7.053	7.068	-0.015	89	208791	2.00	2.10	
55 Phenyl ether	170	7.135	7.150	-0.015	71	118445	2.00	1.60	
57 2-Nitroaniline	65	7.159	7.174	-0.015	83	139483	2.00	2.01	
58 1,3-Dimethylnaphthalene	156	7.276	7.290	-0.014	85	157724	2.00	1.70	
59 Dimethyl phthalate	163	7.334	7.361	-0.027	92	313018	2.00	2.30	
60 Coumarin	146	7.358	7.384	-0.026	63	64167	2.00	1.67	
61 2,6-Dinitrotoluene	165	7.393	7.407	-0.014	82	68347	2.00	2.17	
62 Acenaphthylene	152	7.464	7.477	-0.013	94	326001	2.00	2.24	
63 3-Nitroaniline	138	7.557	7.582	-0.025	82	75565	2.00	2.10	
* 64 Acenaphthene-d10	164	7.615	7.617	-0.002	93	707403	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.626	7.640	-0.014	97	168197	NC	NC	
66 Acenaphthene	154	7.638	7.651	-0.013	96	256891	2.00	2.09	
67 2,4-Dinitrophenol	184	7.661	7.686	-0.025	80	65207	4.00	3.52	
69 4-Nitrophenol	65	7.731	7.745	-0.014	78	149035	4.00	3.99	
70 2,4-Dinitrotoluene	165	7.789	7.801	-0.012	80	94968	2.00	2.23	
71 Dibenzofuran	168	7.813	7.825	-0.012	92	332835	2.00	2.28	
72 2,3,4,6-Tetrachlorophenol	232	7.930	7.943	-0.013	82	79898	2.00	2.04	
73 Diethyl phthalate	149	8.035	8.047	-0.012	96	349750	2.00	2.22	
74 4-Chlorophenyl phenyl ethe	204	8.139	8.151	-0.012	70	130282	2.00	1.96	
75 Fluorene	166	8.151	8.162	-0.011	94	234380	2.00	2.11	
76 4-Nitroaniline	138	8.163	8.185	-0.022	77	70288	2.00	2.21	
77 4,6-Dinitro-2-methylphenol	198	8.186	8.220	-0.034	54	102800	4.00	4.60	
78 N-Nitrosodiphenylamine	169	8.257	8.278	-0.021	68	193432	2.00	2.27	
79 1,2-Diphenylhydrazine	77	8.302	8.313	-0.011	98	543164	2.00	2.35	
$ 80 2,4,6-Tribromophenol	330	8.382	8.406	-0.024	85	57427	2.00	2.11	
81 4-Bromophenyl phenyl ether	248	8.625	8.637	-0.012	79	102078	2.00	2.35	
82 Hexachlorobenzene	284	8.695	8.707	-0.012	91	91211	2.00	2.20	
84 Pentachlorophenol	266	8.882	8.905	-0.023	83	112777	4.00	4.15	
85 Pentachloronitrobenzene	237	8.904	8.916	-0.012	85	45417	NC	NC	
86 n-Octadecane	57	8.951	8.961	-0.010	92	267360	2.00	2.38	
* 87 Phenanthrene-d10	188	9.067	9.076	-0.009	96	1086543	8.00	8.00	
88 Phenanthrene	178	9.091	9.110	-0.019	98	318691	2.00	2.36	
89 Anthracene	178	9.137	9.157	-0.020	94	333165	2.00	2.32	
90 Carbazole	167	9.300	9.307	-0.007	99	297870	2.00	2.36	
91 Di-n-butyl phthalate	149	9.636	9.646	-0.010	98	529762	2.00	2.42	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.254	10.273	-0.019	96	386736	2.00	2.42	
93 Benzidine	184	10.392	10.401	-0.009	97	170585	2.00	2.10	
94 Pyrene	202	10.486	10.506	-0.020	94	355867	2.00	2.22	
95 Bisphenol-A	213	10.533	10.540	-0.007	0	168193	NC	NC	
$ 96 Terphenyl-d14	244	10.649	10.666	-0.017	98	314176	2.00	2.22	
97 Butyl benzyl phthalate	149	11.183	11.192	-0.009	88	214417	2.00	2.25	
99 Carbamazepine	193	11.311	11.333	-0.022	87	95762	2.00	1.58	
100 3,3'-Dichlorobenzidine	252	11.834	11.849	-0.015	97	138184	2.00	2.43	
101 Benzo[a]anthracene	228	11.868	11.883	-0.015	98	266460	2.00	2.04	
* 102 Chrysene-d12	240	11.879	11.894	-0.015	98	920746	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.890	11.905	-0.015	91	225124	2.00	2.13	
104 Chrysene	228	11.913	11.928	-0.015	98	243475	2.00	2.09	
105 Di-n-octyl phthalate	149	12.773	12.783	-0.010	96	412468	2.00	2.23	
106 Benzo[b]fluoranthene	252	13.300	13.320	-0.020	97	280351	2.00	2.23	
107 Benzo[k]fluoranthene	252	13.336	13.365	-0.029	98	238574	2.00	2.01	
108 Benzo[a]pyrene	252	13.759	13.774	-0.015	97	236587	2.00	2.12	
* 109 Perylene-d12	264	13.840	13.854	-0.014	99	791002	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.416	15.447	-0.031	98	218625	2.00	2.23	
111 Dibenz(a,h)anthracene	278	15.462	15.492	-0.030	96	173545	2.00	2.06	
112 Benzo[g,h,i]perylene	276	15.870	15.907	-0.037	96	179959	2.00	1.86	
S 119 Total Cresols	1				0			2.23	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL4_00034 Amount Added: 1.00 Units: mL

Report Date: 05-Oct-2016 14:14:00 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29896.D

Injection Date: 03-Oct-2016 18:20:30 Instrument ID: CBNAMS4 Operator ID:

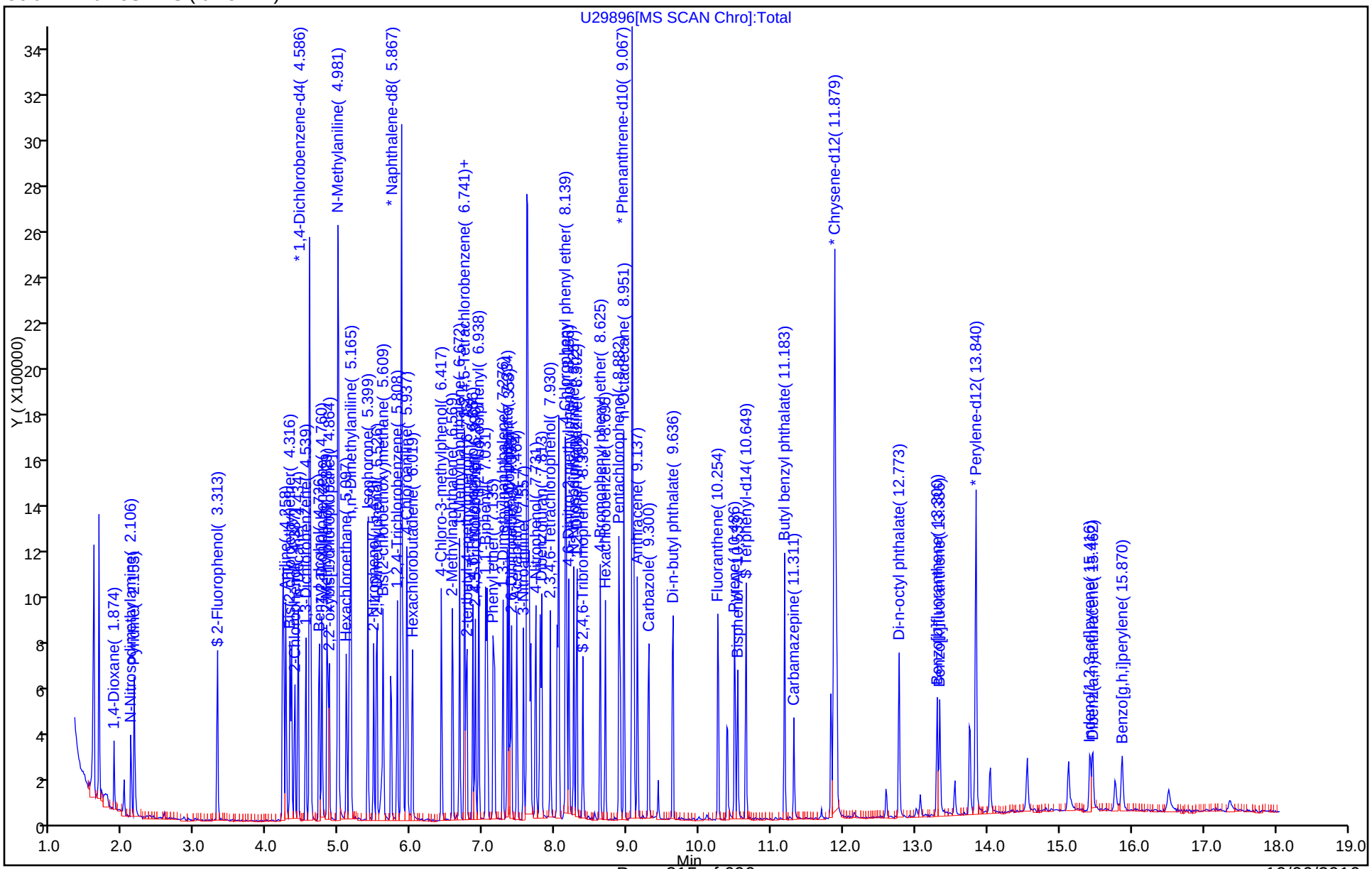
Lims ID: STD2 Worklist Smp#: 6

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8270LVI_R4 Limit Group: SV 625 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29897.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 03-Oct-2016 18:42:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-007
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub1

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:04 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 19:33:09

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	1.875	1.885	-0.010	87	62615	1.00	1.12	M
2 N-Nitrosodimethylamine	74	2.109	2.118	-0.009	87	79212	1.00	1.01	
3 Pyridine	79	2.168	2.164	0.004	95	127081	1.00	1.05	
$ 4 2-Fluorophenol	112	3.312	3.317	-0.005	94	125123	1.00	1.03	
$ 6 Phenol-d5	99	4.211	4.237	-0.026	89	177049	1.00	1.04	
7 Phenol	94	4.223	4.249	-0.026	99	162445	1.00	1.00	
8 Aniline	93	4.258	4.272	-0.014	95	217488	1.00	1.12	
9 Bis(2-chloroethyl)ether	93	4.317	4.331	-0.014	93	146777	1.00	1.02	
10 Benzonitrile	103	4.340	4.355	-0.015	98	233696	1.00	1.12	
11 2-Chlorophenol	128	4.387	4.401	-0.014	83	66009	1.00	1.03	
12 n-Decane	43	4.434	4.437	-0.003	91	105223	1.00	1.16	
13 1,3-Dichlorobenzene	146	4.539	4.542	-0.003	79	67137	1.00	1.03	
* 14 1,4-Dichlorobenzene-d4	152	4.586	4.601	-0.015	85	339996	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.610	4.613	-0.003	81	64268	1.00	1.02	
17 Benzyl alcohol	108	4.715	4.730	-0.015	91	79429	1.00	1.01	
18 1,2-Dichlorobenzene	146	4.762	4.765	-0.003	78	67376	1.00	1.07	
19 2-Methylphenol	108	4.833	4.848	-0.015	87	108860	1.00	1.03	
20 2,2'-oxybis[1-chloropropan	45	4.856	4.871	-0.015	93	155892	1.00	1.12	
23 N-Methylaniline	106	4.973	4.989	-0.016	83	184176	1.00	1.16	
24 Acetophenone	105	4.985	5.000	-0.015	84	173645	1.00	1.14	
21 4-Methylphenol	108	4.985	5.012	-0.027	68	126442	1.00	1.11	
25 N-Nitrosodi-n-propylamine	70	4.985	5.012	-0.027	69	93040	1.00	1.14	
26 3 & 4 Methylphenol	108	4.985	5.012	-0.027	79	126442	NC	NC	
27 Hexachloroethane	117	5.101	5.106	-0.005	85	55414	1.00	0.9654	
$ 28 Nitrobenzene-d5	82	5.136	5.153	-0.017	83	176890	1.00	1.12	
30 n,n'-Dimethylaniline	120	5.160	5.177	-0.017	74	137368	1.00	1.09	
29 Nitrobenzene	77	5.160	5.177	-0.017	91	191375	1.00	1.18	
31 Isophorone	82	5.393	5.411	-0.018	97	313676	1.00	1.13	
32 2-Nitrophenol	139	5.475	5.493	-0.018	51	37405	1.00	1.00	
33 2,4-Dimethylphenol	122	5.521	5.540	-0.019	80	85230	1.00	1.20	
34 Bis(2-chloroethoxy)methane	93	5.615	5.622	-0.007	92	179119	1.00	1.18	

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	5.580	5.669	-0.089	87	24003	1.00	0.6197	
36 2,4-Dichlorophenol	162	5.720	5.739	-0.019	82	55345	1.00	1.12	
37 1,2,4-Trichlorobenzene	180	5.801	5.820	-0.019	86	56306	1.00	1.00	
* 38 Naphthalene-d8	136	5.859	5.878	-0.019	95	1160999	8.00	8.00	
39 Naphthalene	128	5.882	5.890	-0.008	96	168299	1.00	1.14	
40 4-Chloroaniline	127	5.929	5.949	-0.020	87	86637	1.00	1.09	
41 Hexachlorobutadiene	225	6.011	6.020	-0.009	83	45813	1.00	1.01	
44 4-Chloro-3-methylphenol	107	6.419	6.430	-0.011	87	135574	1.00	1.19	
45 2-Methylnaphthalene	142	6.572	6.582	-0.010	77	131089	1.00	1.18	
46 1-Methylnaphthalene	142	6.677	6.687	-0.010	87	115792	1.00	1.11	
47 Hexachlorocyclopentadiene	237	6.735	6.745	-0.010	83	42357	1.00	0.8444	
48 1,2,4,5-Tetrachlorobenzene	216	6.747	6.757	-0.010	94	75058	1.00	1.11	
49 2-tertbutyl-4-methylphenol	149	6.770	6.779	-0.009	76	99401	NC	NC	
50 2,4,6-Trichlorophenol	196	6.852	6.871	-0.019	71	43130	1.00	0.99	
51 2,4,5-Trichlorophenol	196	6.887	6.906	-0.019	81	42666	1.00	1.00	
$ 52 2-Fluorobiphenyl	172	6.934	6.953	-0.019	94	152732	1.00	1.07	
53 1,1'-Biphenyl	154	7.039	7.046	-0.007	95	156000	1.00	1.08	
54 2-Chloronaphthalene	162	7.051	7.068	-0.017	90	123453	1.00	1.19	
55 Phenyl ether	170	7.144	7.150	-0.006	86	83810	1.00	1.08	
57 2-Nitroaniline	65	7.156	7.174	-0.018	84	75613	1.00	1.05	
58 1,3-Dimethylnaphthalene	156	7.272	7.290	-0.018	85	109296	1.00	1.13	
59 Dimethyl phthalate	163	7.330	7.361	-0.031	90	155068	1.00	1.09	
60 Coumarin	146	7.354	7.384	-0.030	64	46129	1.00	1.21	
61 2,6-Dinitrotoluene	165	7.389	7.407	-0.018	79	35257	1.00	1.07	
62 Acenaphthylene	152	7.471	7.477	-0.006	95	164149	1.00	1.08	
63 3-Nitroaniline	138	7.563	7.582	-0.019	88	38875	1.00	1.04	
* 64 Acenaphthene-d10	164	7.609	7.617	-0.008	93	736422	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.621	7.640	-0.019	94	112030	NC	NC	
66 Acenaphthene	154	7.644	7.651	-0.007	95	130561	1.00	1.02	
67 2,4-Dinitrophenol	184	7.656	7.686	-0.030	74	28458	2.00	1.48	
69 4-Nitrophenol	65	7.727	7.745	-0.018	78	70261	2.00	1.81	
70 2,4-Dinitrotoluene	165	7.785	7.801	-0.016	78	44240	1.00	1.00	
71 Dibenzofuran	168	7.808	7.825	-0.017	92	177095	1.00	1.16	
72 2,3,4,6-Tetrachlorophenol	232	7.936	7.943	-0.007	91	42438	1.00	1.04	
73 Diethyl phthalate	149	8.029	8.047	-0.018	96	190955	1.00	1.17	
74 4-Chlorophenyl phenyl ethe	204	8.147	8.151	-0.004	75	74421	1.00	1.08	
75 Fluorene	166	8.147	8.162	-0.015	91	123408	1.00	1.07	
76 4-Nitroaniline	138	8.159	8.185	-0.026	81	36434	1.00	1.10	
77 4,6-Dinitro-2-methylphenol	198	8.194	8.220	-0.026	51	43802	2.00	1.78	
78 N-Nitrosodiphenylamine	169	8.252	8.278	-0.026	65	104422	1.00	1.11	
79 1,2-Diphenylhydrazine	77	8.299	8.313	-0.014	98	285257	1.00	1.12	
$ 80 2,4,6-Tribromophenol	330	8.382	8.406	-0.024	87	31670	1.00	1.12	
81 4-Bromophenyl phenyl ether	248	8.626	8.637	-0.011	81	50185	1.00	1.05	
82 Hexachlorobenzene	284	8.696	8.707	-0.011	95	46828	1.00	1.02	
84 Pentachlorophenol	266	8.884	8.905	-0.021	87	51285	2.00	1.71	
85 Pentachloronitrobenzene	237	8.895	8.916	-0.021	78	33144	NC	NC	
86 n-Octadecane	57	8.953	8.961	-0.008	91	138611	1.00	1.12	
* 87 Phenanthrene-d10	188	9.069	9.076	-0.007	97	1199848	8.00	8.00	
88 Phenanthrene	178	9.092	9.110	-0.018	98	157071	1.00	1.05	
89 Anthracene	178	9.139	9.157	-0.018	96	181241	1.00	1.14	
90 Carbazole	167	9.292	9.307	-0.015	98	155800	1.00	1.12	
91 Di-n-butyl phthalate	149	9.632	9.646	-0.014	99	317655	1.00	1.32	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.261	10.273	-0.012	96	200865	1.00	1.14	
93 Benzidine	184	10.390	10.401	-0.011	98	86839	1.00	0.9686	
94 Pyrene	202	10.484	10.506	-0.022	95	203959	1.00	1.15	
95 Bisphenol-A	213	10.531	10.540	-0.009	0	91340	NC	NC	
$ 96 Terphenyl-d14	244	10.648	10.666	-0.018	99	159078	1.00	1.02	
97 Butyl benzyl phthalate	149	11.185	11.192	-0.007	88	110047	1.00	1.05	
99 Carbamazepine	193	11.312	11.333	-0.021	86	62092	1.00	0.9306	
100 3,3'-Dichlorobenzidine	252	11.826	11.849	-0.023	97	60942	1.00	0.9709	
101 Benzo[a]anthracene	228	11.861	11.883	-0.022	98	142381	1.00	0.9867	
* 102 Chrysene-d12	240	11.872	11.894	-0.022	99	1015677	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.894	11.905	-0.011	89	110338	1.00	0.9448	
104 Chrysene	228	11.906	11.928	-0.022	98	135175	1.00	1.05	
105 Di-n-octyl phthalate	149	12.771	12.783	-0.012	95	192498	1.00	0.99	
106 Benzo[b]fluoranthene	252	13.296	13.320	-0.024	96	132163	1.00	1.00	
107 Benzo[k]fluoranthene	252	13.331	13.365	-0.034	98	130362	1.00	1.05	
108 Benzo[a]pyrene	252	13.750	13.774	-0.024	97	125300	1.00	1.07	
* 109 Perylene-d12	264	13.843	13.854	-0.011	99	830142	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.412	15.447	-0.035	96	98873	1.00	0.9610	
111 Dibenz(a,h)anthracene	278	15.459	15.492	-0.033	97	82302	1.00	0.9296	
112 Benzo[g,h,i]perylene	276	15.868	15.907	-0.039	96	95652	1.00	0.9411	
S 119 Total Cresols	1				0			1.03	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL3_00030 Amount Added: 1.00 Units: mL

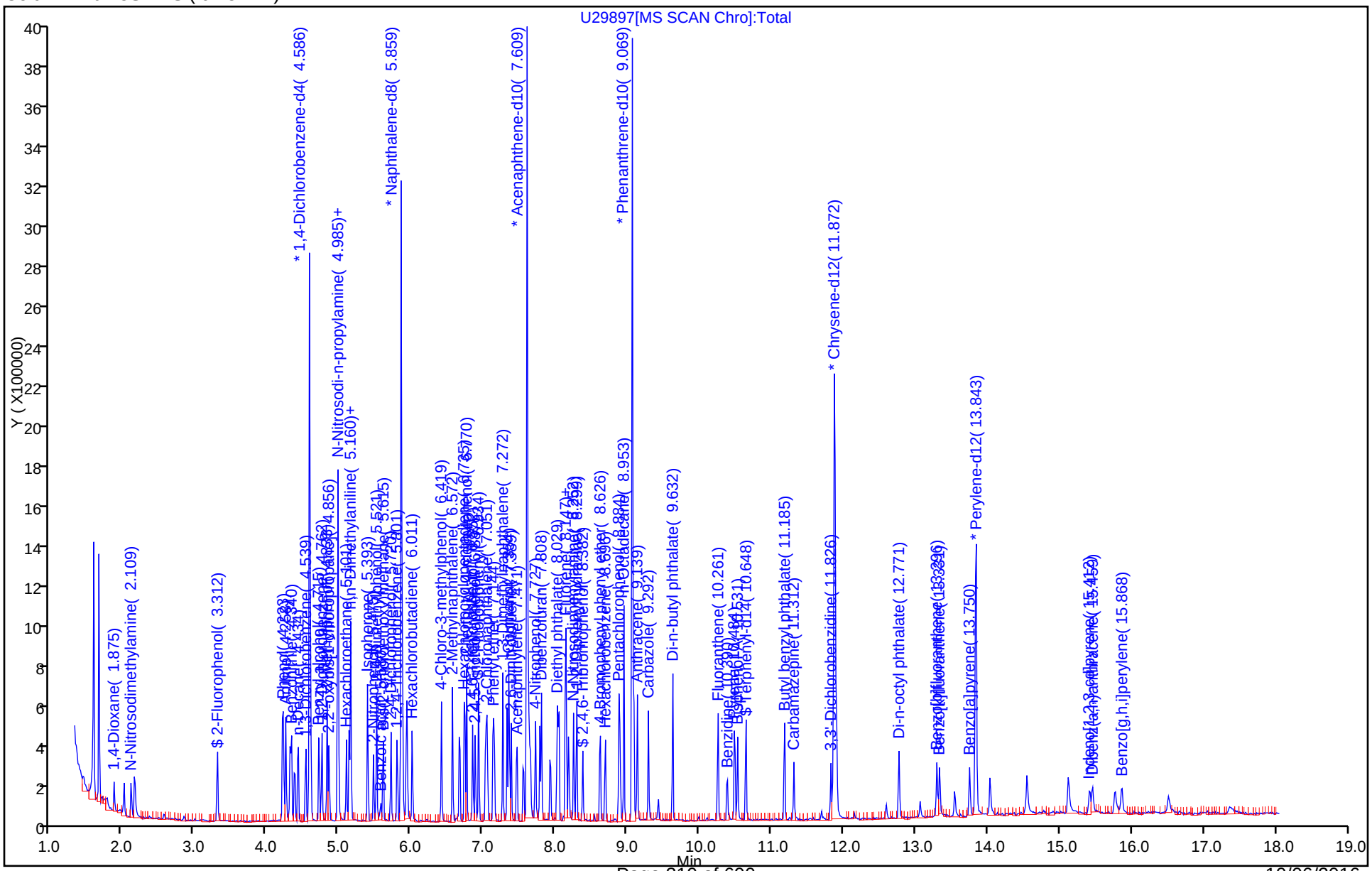
Report Date: 05-Oct-2016 14:14:06 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29897.D

Injection Date:	03-Oct-2016 18:42:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	7
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29898.D
Lims ID: STD02
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 03-Oct-2016 19:04:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-008
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub1

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:09 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 19:34:19

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	3.311	3.317	-0.006	92	26070	0.2000	0.2175	
$ 6 Phenol-d5	99	4.212	4.237	-0.025	87	33382	0.2000	0.1989	
9 Bis(2-chloroethyl)ether	93	4.316	4.331	-0.015	97	32337	0.2000	0.2280	
* 14 1,4-Dichlorobenzene-d4	152	4.585	4.601	-0.016	86	334407	8.00	8.00	
25 N-Nitrosodi-n-propylamine	70	4.983	5.012	-0.029	71	20374	0.2000	0.2537	
27 Hexachloroethane	117	5.099	5.106	-0.007	77	13715	0.2000	0.2429	
$ 28 Nitrobenzene-d5	82	5.134	5.153	-0.019	88	31895	0.2000	0.1927	
30 n,n'-Dimethylaniline	120	5.157	5.177	-0.020	67	28331	0.2000	0.2293	
29 Nitrobenzene	77	5.157	5.177	-0.020	90	37797	0.2000	0.2223	
31 Isophorone	82	5.398	5.411	-0.013	96	60518	0.2000	0.2077	
37 1,2,4-Trichlorobenzene	180	5.806	5.820	-0.014	90	13270	0.2000	0.2237	
* 38 Naphthalene-d8	136	5.865	5.878	-0.013	96	1221450	8.00	8.00	
41 Hexachlorobutadiene	225	6.017	6.020	-0.003	87	10664	0.2000	0.2245	
46 1-Methylnaphthalene	142	6.669	6.687	-0.018	86	25415	0.2000	0.2323	
50 2,4,6-Trichlorophenol	196	6.855	6.871	-0.016	70	8660	0.2000	0.1868	
$ 52 2-Fluorobiphenyl	172	6.937	6.953	-0.016	1	30821	0.2000	0.2027	M
61 2,6-Dinitrotoluene	165	7.389	7.407	-0.018	1	6353	0.2000	0.1816	
* 64 Acenaphthene-d10	164	7.608	7.617	-0.009	92	784173	8.00	8.00	
70 2,4-Dinitrotoluene	165	7.783	7.801	-0.018	62	8898	0.2000	0.1887	
77 4,6-Dinitro-2-methylphenol	198	8.193	8.220	-0.027	48	4649	0.4000	0.1827	
$ 80 2,4,6-Tribromophenol	330	8.379	8.406	-0.027	87	6554	0.2000	0.2170	
82 Hexachlorobenzene	284	8.694	8.707	-0.013	88	10003	0.2000	0.2118	
* 87 Phenanthrene-d10	188	9.067	9.076	-0.009	97	1238725	8.00	8.00	
$ 96 Terphenyl-d14	244	10.644	10.666	-0.022	97	37318	0.2000	0.2364	
100 3,3'-Dichlorobenzidine	252	11.821	11.849	-0.028	92	10871	0.2000	0.1715	
101 Benzo[a]anthracene	228	11.856	11.883	-0.027	96	29790	0.2000	0.2044	
* 102 Chrysene-d12	240	11.879	11.894	-0.015	98	1025730	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.890	11.905	-0.015	88	22760	0.2000	0.1930	
104 Chrysene	228	11.902	11.928	-0.026	96	26926	0.2000	0.2074	
106 Benzo[b]fluoranthene	252	13.292	13.320	-0.028	94	25688	0.2000	0.1942	
107 Benzo[k]fluoranthene	252	13.339	13.365	-0.026	21	26377	0.2000	0.2112	

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	13.748	13.774	-0.026	92	19018	0.2000	0.1617	
* 109 Perylene-d12	264	13.841	13.854	-0.013	99	833242	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.411	15.447	-0.036	96	18190	0.2000	0.1761	
111 Dibenz(a,h)anthracene	278	15.458	15.492	-0.034	91	16732	0.2000	0.1883	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL2_00025 Amount Added: 1.00 Units: mL

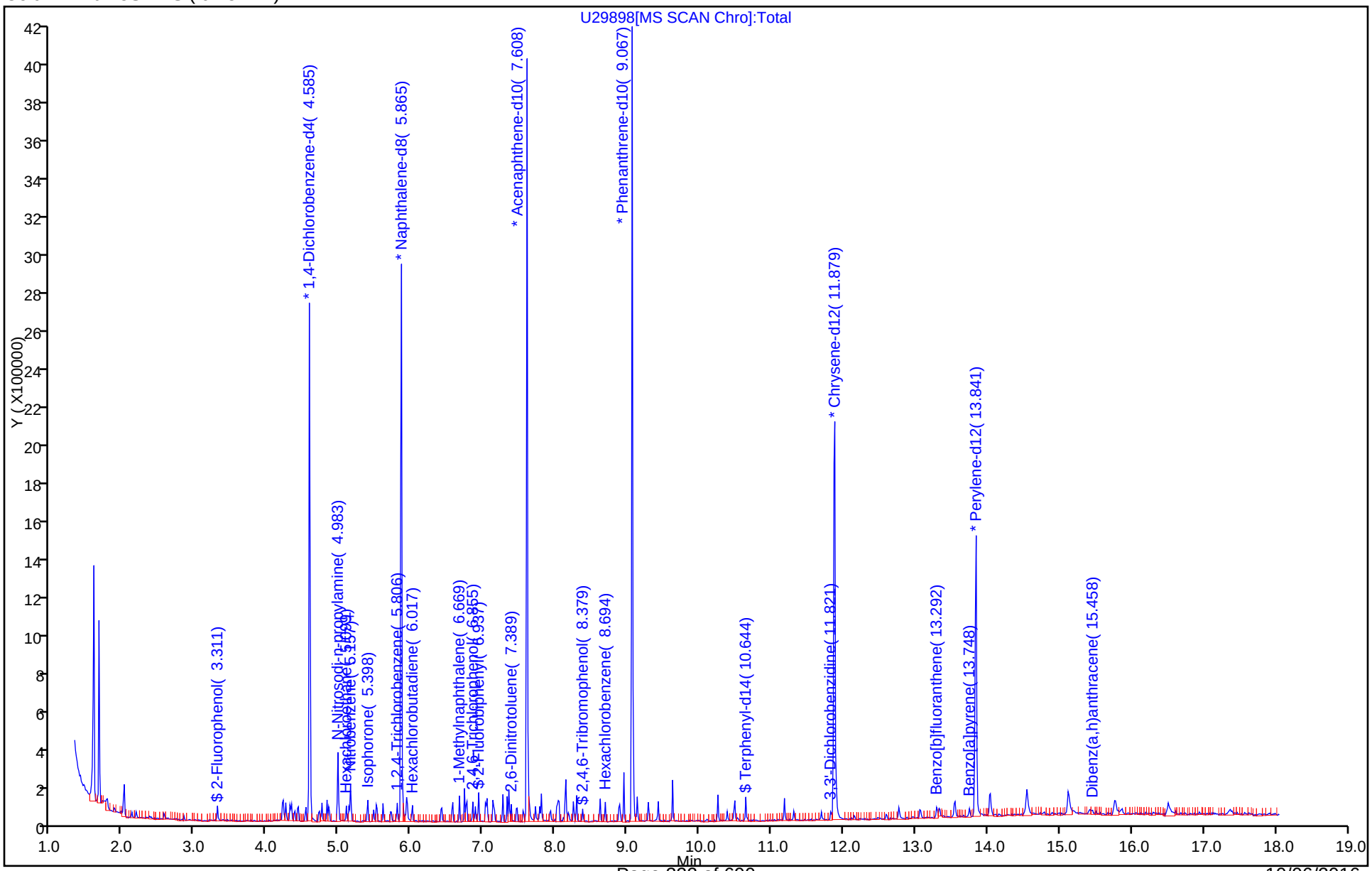
Report Date: 05-Oct-2016 14:14:11 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29898.D

Injection Date:	03-Oct-2016 19:04:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	STD02			Worklist Smp#:	8
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29899.D
Lims ID: STD01
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 03-Oct-2016 19:27:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-009
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub1

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:14 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 19:51:24

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	4.315	4.331	-0.016	92	15729	0.1000	0.1093	
* 14 1,4-Dichlorobenzene-d4	152	4.594	4.601	-0.007	89	339369	8.00	8.00	
25 N-Nitrosodi-n-propylamine	70	4.987	5.012	-0.025	64	8614	0.1000	0.1057	
27 Hexachloroethane	117	5.093	5.106	-0.013	88	6566	0.1000	0.1146	
$ 28 Nitrobenzene-d5	82	5.139	5.153	-0.014	82	18304	0.1000	0.1098	
30 n,n'-Dimethylaniline	120	5.162	5.177	-0.015	89	17385	0.1000	0.1387	
29 Nitrobenzene	77	5.162	5.177	-0.015	83	20545	0.1000	0.1200	
37 1,2,4-Trichlorobenzene	180	5.804	5.820	-0.016	86	7132	0.1000	0.1194	
* 38 Naphthalene-d8	136	5.862	5.878	-0.016	96	1229686	8.00	8.00	
41 Hexachlorobutadiene	225	6.013	6.020	-0.007	85	5289	0.1000	0.1106	
$ 52 2-Fluorobiphenyl	172	6.934	6.953	-0.019	1	16489	0.1000	0.1043	M
* 64 Acenaphthene-d10	164	7.611	7.617	-0.006	92	815285	8.00	8.00	
82 Hexachlorobenzene	284	8.694	8.707	-0.013	89	5000	0.1000	0.1022	
* 87 Phenanthrene-d10	188	9.064	9.076	-0.012	97	1282829	8.00	8.00	
$ 96 Terphenyl-d14	244	10.645	10.666	-0.021	95	17691	0.1000	0.1095	
101 Benzo[a]anthracene	228	11.854	11.883	-0.029	51	18204	0.1000	0.1220	
* 102 Chrysene-d12	240	11.877	11.894	-0.017	99	1049888	8.00	8.00	
106 Benzo[b]fluoranthene	252	13.301	13.320	-0.019	67	13840	0.1000	0.1033	
107 Benzo[k]fluoranthene	252	13.324	13.365	-0.041	93	14483	0.1000	0.1145	
108 Benzo[a]pyrene	252	13.745	13.774	-0.029	97	13012	0.1000	0.1093	
* 109 Perylene-d12	264	13.839	13.854	-0.015	98	843796	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.416	15.447	-0.031	19	9894	0.1000	0.0946	
111 Dibenz(a,h)anthracene	278	15.451	15.492	-0.041	61	7754	0.1000	0.0862	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL1_00023 Amount Added: 1.00 Units: mL

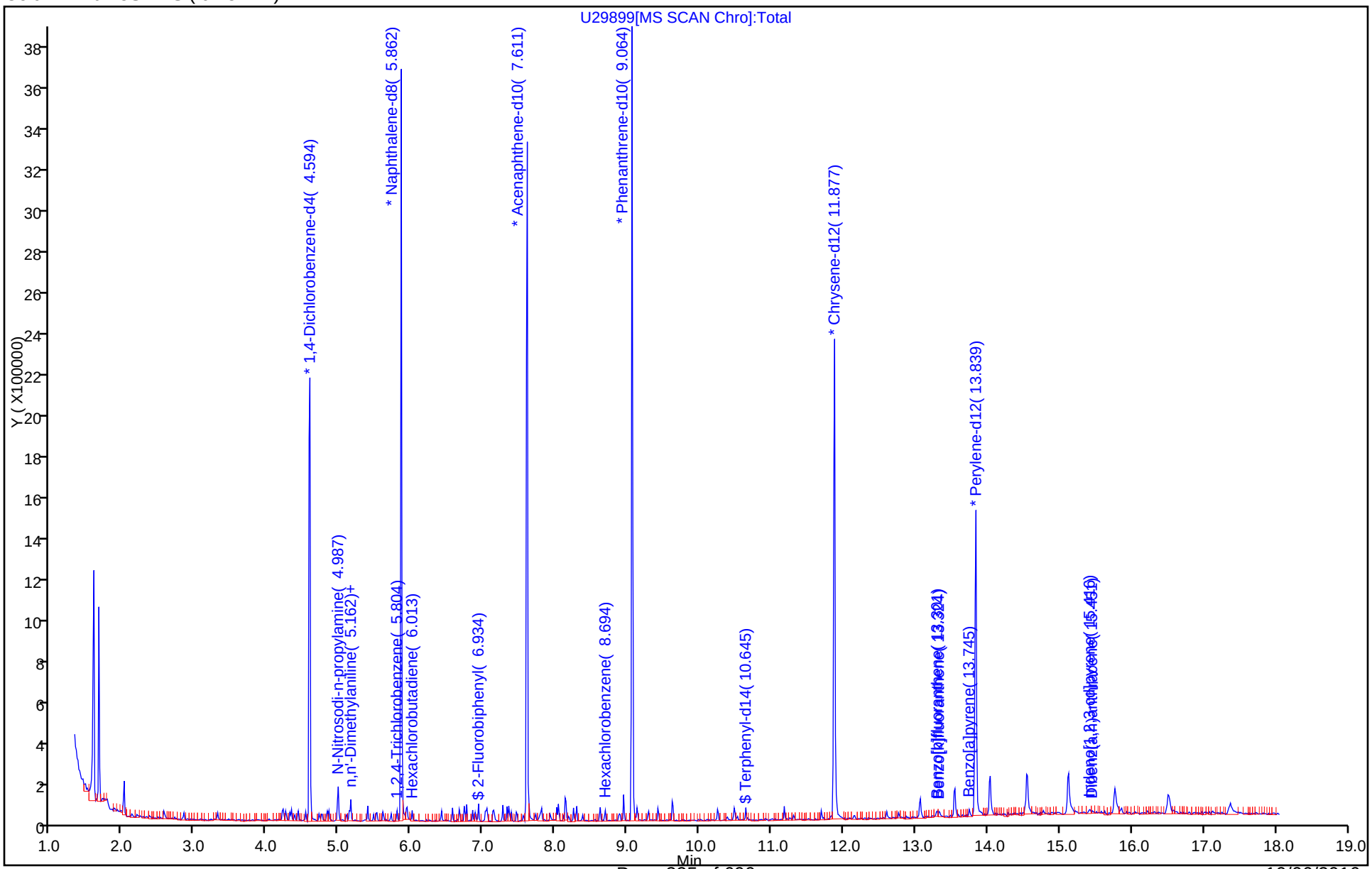
Report Date: 05-Oct-2016 14:14:16 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29899.D

Injection Date:	03-Oct-2016 19:27:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	STD01			Worklist Smp#:	9
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270LVI_R4	Limit Group:	SV 625 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.: 460-121138-1 Analy Batch No.: 394601

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2016 20:01 Calibration End Date: 10/03/2016 22:15 Calibration ID: 58235

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 460-394601/16	U29906.D
Level 2	STD1 460-394601/15	U29905.D
Level 3	STD2 460-394601/14	U29904.D
Level 4	STD4 460-394601/13	U29903.D
Level 5	STD10 460-394601/10	U29900.D
Level 6	STD16 460-394601/12	U29902.D
Level 7	STD24 460-394601/11	U29901.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	1.8051	2.1326 1.6814	2.6037	2.2333	2.1106	Ave		2.0945				15.6		35.0			
Caprolactam	0.2367	0.2331 0.2339	0.3125	0.2711	0.2676	Ave		0.2592				12.1		35.0			
Atrazine	0.2906 0.2101	0.3080 0.2105	0.2901	0.2878	0.2441	Ave		0.2630				15.6		35.0			

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.: 460-121138-1 Analy Batch No.: 394601

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2016 20:01 Calibration End Date: 10/03/2016 22:15 Calibration ID: 58235

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 460-394601/16	U29906.D
Level 2	STD1 460-394601/15	U29905.D
Level 3	STD2 460-394601/14	U29904.D
Level 4	STD4 460-394601/13	U29903.D
Level 5	STD10 460-394601/10	U29900.D
Level 6	STD16 460-394601/12	U29902.D
Level 7	STD24 460-394601/11	U29901.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	DCBd 4	Ave	1398861	100613 2040865	239665	423472	954497	16.0	1.00 24.0	2.00	4.00	10.0
Caprolactam	NPT	Ave	661603	39291 990244	102424	181830	442244	16.0	1.00 24.0	2.00	4.00	10.0
Atrazine	PHN	Ave	10257 584780	49449 832081	94978	182743	423024	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\CBNAMS4\20161003-46376.b\U29900.D
Lims ID: std10
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 03-Oct-2016 20:01:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-010
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub5

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:19 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 23:16:38

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.148	4.148	0.000	94	954497	10.0	10.1	
* 14 1,4-Dichlorobenzene-d4	152	4.592	4.592	0.000	89	361785	8.00	8.00	
* 38 Naphthalene-d8	136	5.861	5.861	0.000	95	1322021	8.00	8.00	
42 Caprolactam	113	6.278	6.278	0.000	90	442244	10.0	10.3	
* 64 Acenaphthene-d10	164	7.609	7.609	0.000	92	829629	8.00	8.00	
83 Atrazine	200	8.788	8.788	0.000	83	423024	10.0	9.28	
* 87 Phenanthrene-d10	188	9.080	9.080	0.000	98	1386655	8.00	8.00	
* 102 Chrysene-d12	240	11.885	11.885	0.000	98	1142046	8.00	8.00	
* 109 Perylene-d12	264	13.843	13.843	0.000	99	949504	8.00	8.00	

Reagents:

SM_BNAL5B_00028 Amount Added: 1.00 Units: mL

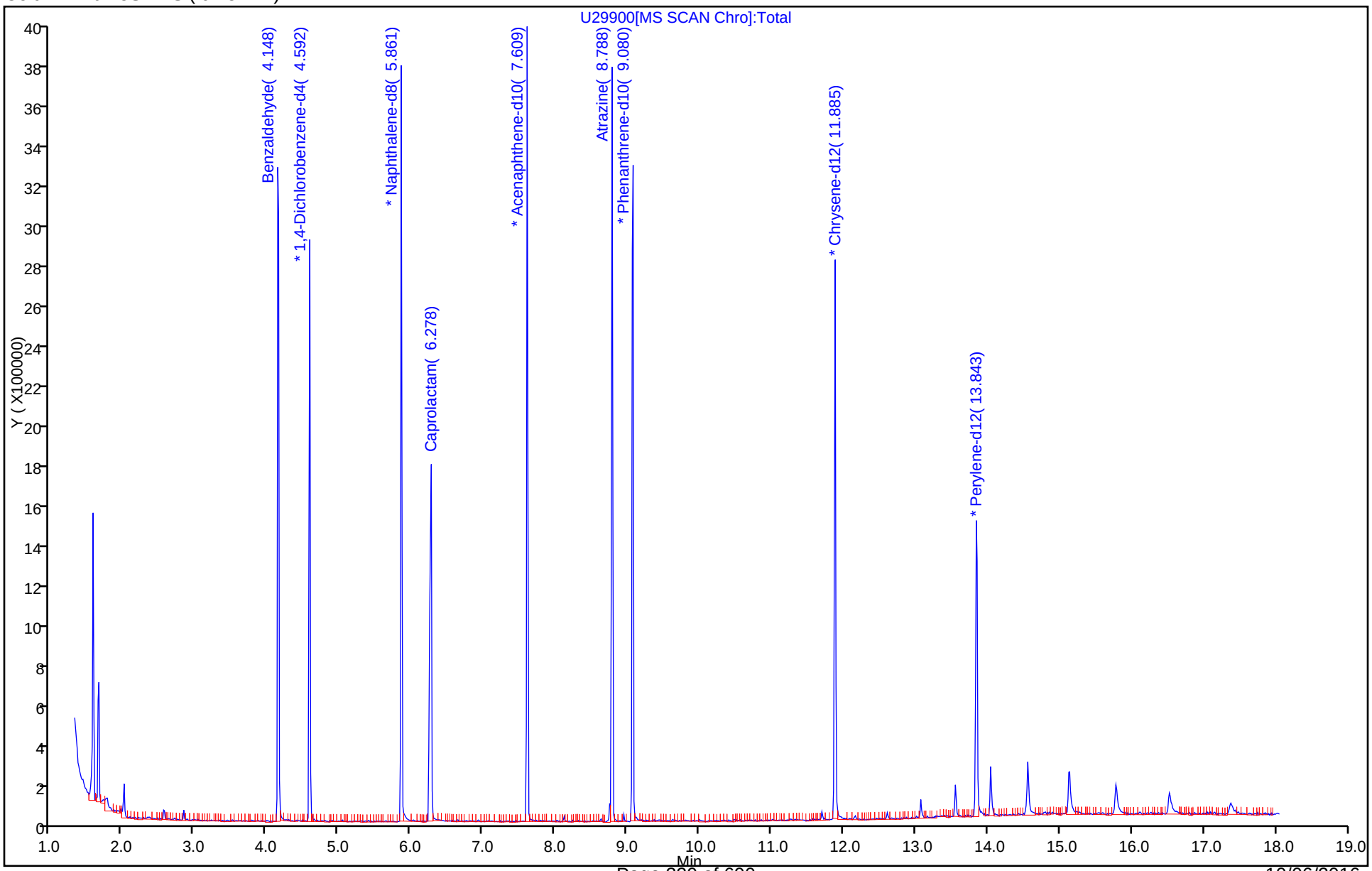
Report Date: 05-Oct-2016 14:14:21 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29900.D

Injection Date:	03-Oct-2016 20:01:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	std10			Worklist Smp#:	10
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29901.D
Lims ID: std24
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 03-Oct-2016 20:24:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-011
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub5

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:23 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 23:24:43

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.165	4.148	0.017	94	2040865	24.0	19.3	
* 14 1,4-Dichlorobenzene-d4	152	4.586	4.592	-0.006	86	404608	8.00	8.00	
* 38 Naphthalene-d8	136	5.858	5.861	-0.003	95	1411302	8.00	8.00	
42 Caprolactam	113	6.302	6.278	0.024	88	990244	24.0	21.7	
* 64 Acenaphthene-d10	164	7.608	7.609	-0.001	92	830633	8.00	8.00	
83 Atrazine	200	8.797	8.788	0.009	87	832081	24.0	19.2	
* 87 Phenanthrene-d10	188	9.066	9.080	-0.014	97	1317830	8.00	8.00	
* 102 Chrysene-d12	240	11.879	11.885	-0.006	99	1075679	8.00	8.00	
* 109 Perylene-d12	264	13.837	13.843	-0.006	99	910811	8.00	8.00	

Reagents:

SM_BNAL7B_00007 Amount Added: 1.00 Units: mL

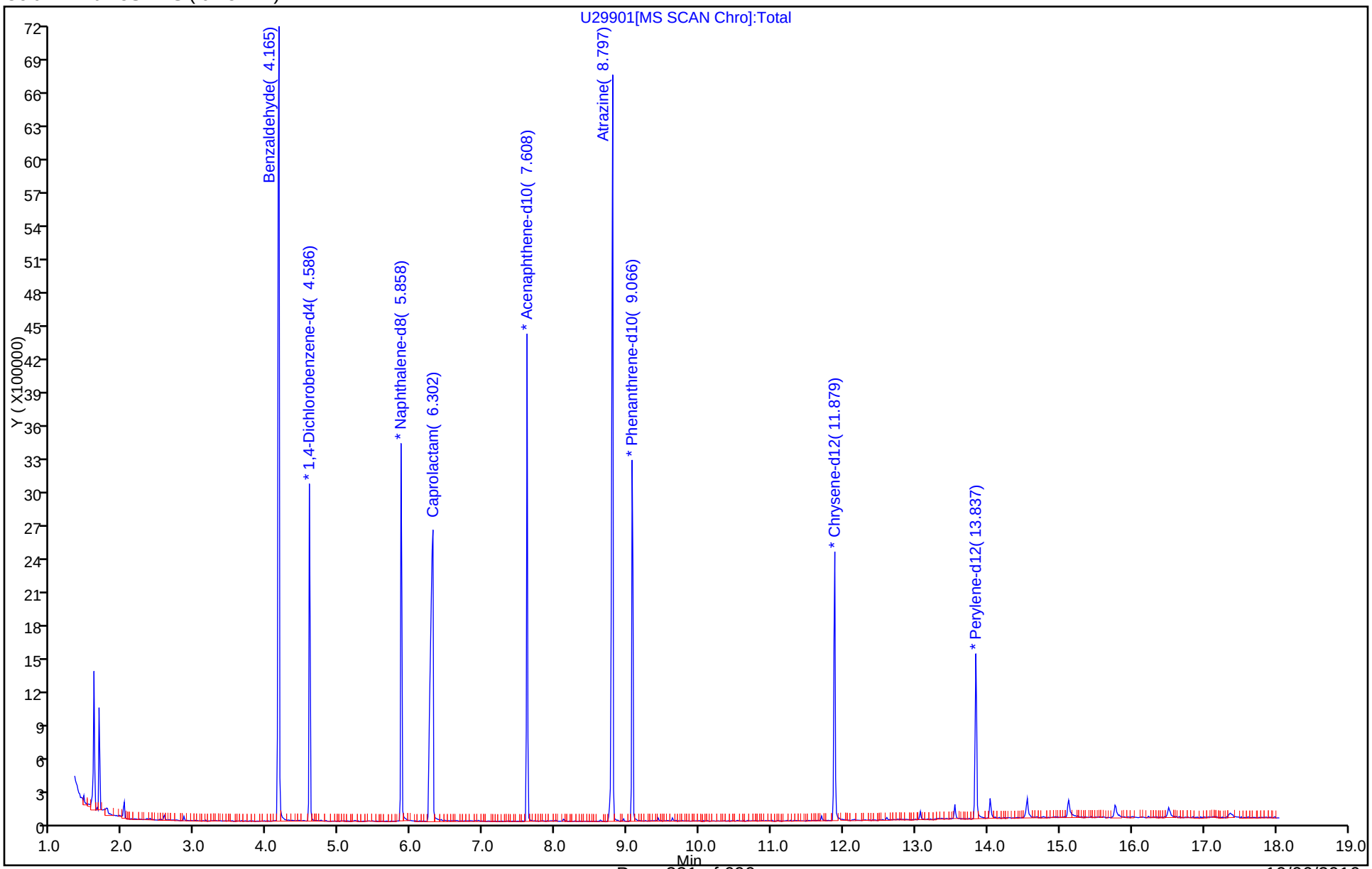
Report Date: 05-Oct-2016 14:14:26 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29901.D

Injection Date:	03-Oct-2016 20:24:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	std24			Worklist Smp#:	11
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29902.D
Lims ID: std16
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 03-Oct-2016 20:46:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-012
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub5

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:28 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 23:24:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.159	4.148	0.011	95	1398861	16.0	13.8	
* 14 1,4-Dichlorobenzene-d4	152	4.590	4.592	-0.002	89	387466	8.00	8.00	
* 38 Naphthalene-d8	136	5.860	5.861	-0.001	95	1397401	8.00	8.00	
42 Caprolactam	113	6.281	6.278	0.003	87	661603	16.0	14.6	
* 64 Acenaphthene-d10	164	7.610	7.609	0.001	93	871394	8.00	8.00	
83 Atrazine	200	8.787	8.788	-0.001	84	584780	16.0	12.8	
* 87 Phenanthrene-d10	188	9.067	9.080	-0.013	97	1391660	8.00	8.00	
* 102 Chrysene-d12	240	11.879	11.885	-0.006	99	1124662	8.00	8.00	
* 109 Perylene-d12	264	13.836	13.843	-0.007	99	909741	8.00	8.00	

Reagents:

SM_BNAL6B_00014 Amount Added: 1.00 Units: mL

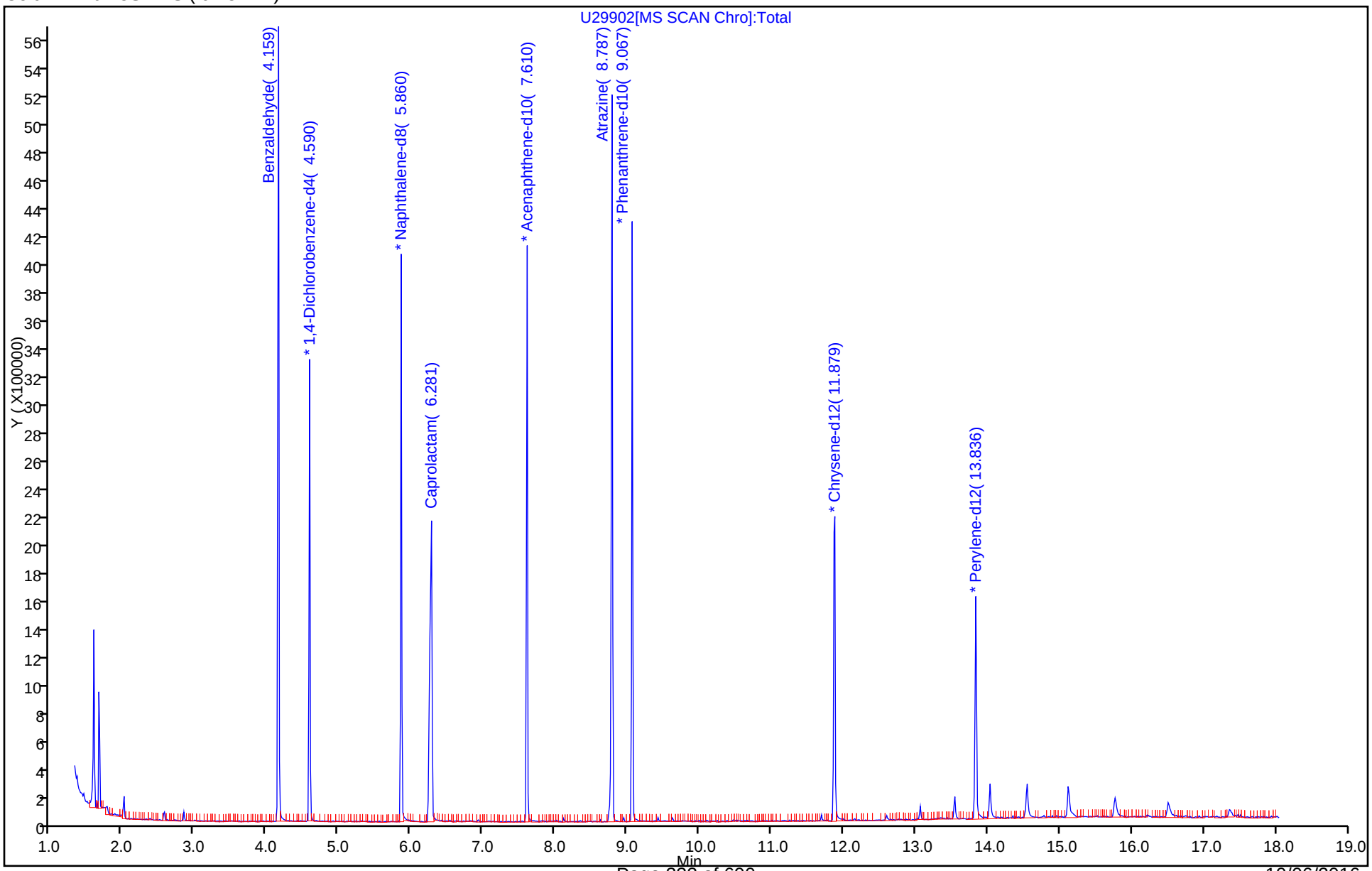
Report Date: 05-Oct-2016 14:14:30 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29902.D

Injection Date:	03-Oct-2016 20:46:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	std16			Worklist Smp#:	12
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29903.D
Lims ID: std4
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 03-Oct-2016 21:08:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-013
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub5

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:32 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 23:25:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.146	4.148	-0.002	94	423472	4.00	4.27	
* 14 1,4-Dichlorobenzene-d4	152	4.591	4.592	-0.001	89	379229	8.00	8.00	
* 38 Naphthalene-d8	136	5.866	5.861	0.005	97	1341354	8.00	8.00	
42 Caprolactam	113	6.250	6.278	-0.028	91	181830	4.00	4.18	
* 64 Acenaphthene-d10	164	7.612	7.609	0.003	93	817161	8.00	8.00	
83 Atrazine	200	8.777	8.788	-0.011	85	182743	4.00	4.38	
* 87 Phenanthrene-d10	188	9.067	9.080	-0.013	97	1270113	8.00	8.00	
* 102 Chrysene-d12	240	11.870	11.885	-0.015	99	1066212	8.00	8.00	
* 109 Perylene-d12	264	13.838	13.843	-0.005	99	920454	8.00	8.00	

Reagents:

SM_BNAL4B_00023 Amount Added: 1.00 Units: mL

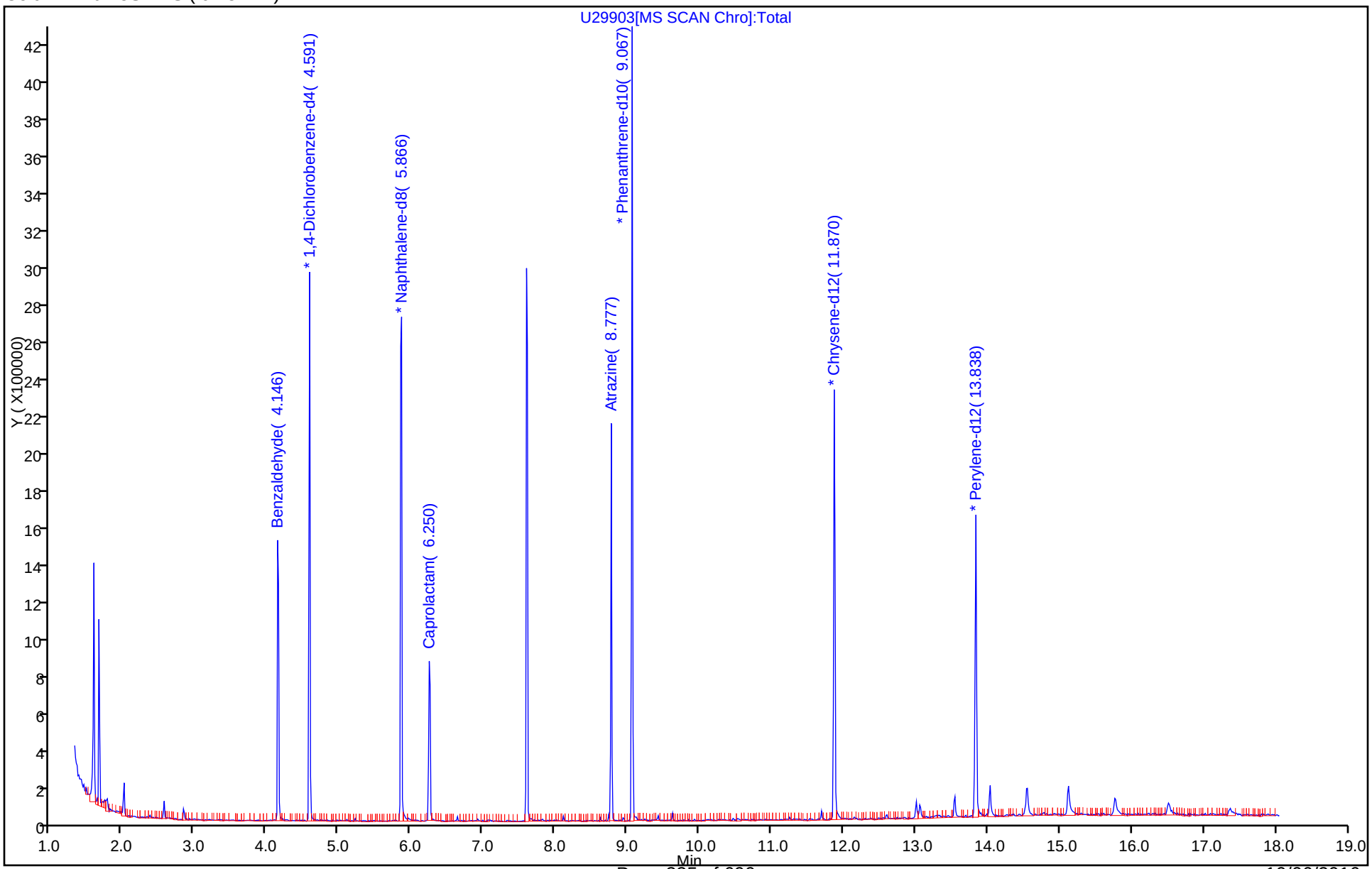
Report Date: 05-Oct-2016 14:14:35 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29903.D

Injection Date:	03-Oct-2016 21:08:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	std4			Worklist Smp#:	13
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29904.D
Lims ID: std2
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 03-Oct-2016 21:30:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-014
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub5

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:36 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 23:25:27

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.156	4.148	0.008	95	239665	2.00	2.49	
* 14 1,4-Dichlorobenzene-d4	152	4.587	4.592	-0.005	88	368189	8.00	8.00	
* 38 Naphthalene-d8	136	5.858	5.861	-0.003	95	1310995	8.00	8.00	
42 Caprolactam	113	6.253	6.278	-0.025	89	102424	2.00	2.41	
* 64 Acenaphthene-d10	164	7.604	7.609	-0.005	92	794058	8.00	8.00	
83 Atrazine	200	8.781	8.788	-0.007	92	94978	2.00	2.21	
* 87 Phenanthrene-d10	188	9.072	9.080	-0.008	98	1309454	8.00	8.00	
* 102 Chrysene-d12	240	11.871	11.885	-0.014	98	1086536	8.00	8.00	
* 109 Perylene-d12	264	13.837	13.843	-0.006	99	888297	8.00	8.00	

Reagents:

SM_BNAL3B_00014 Amount Added: 1.00 Units: mL

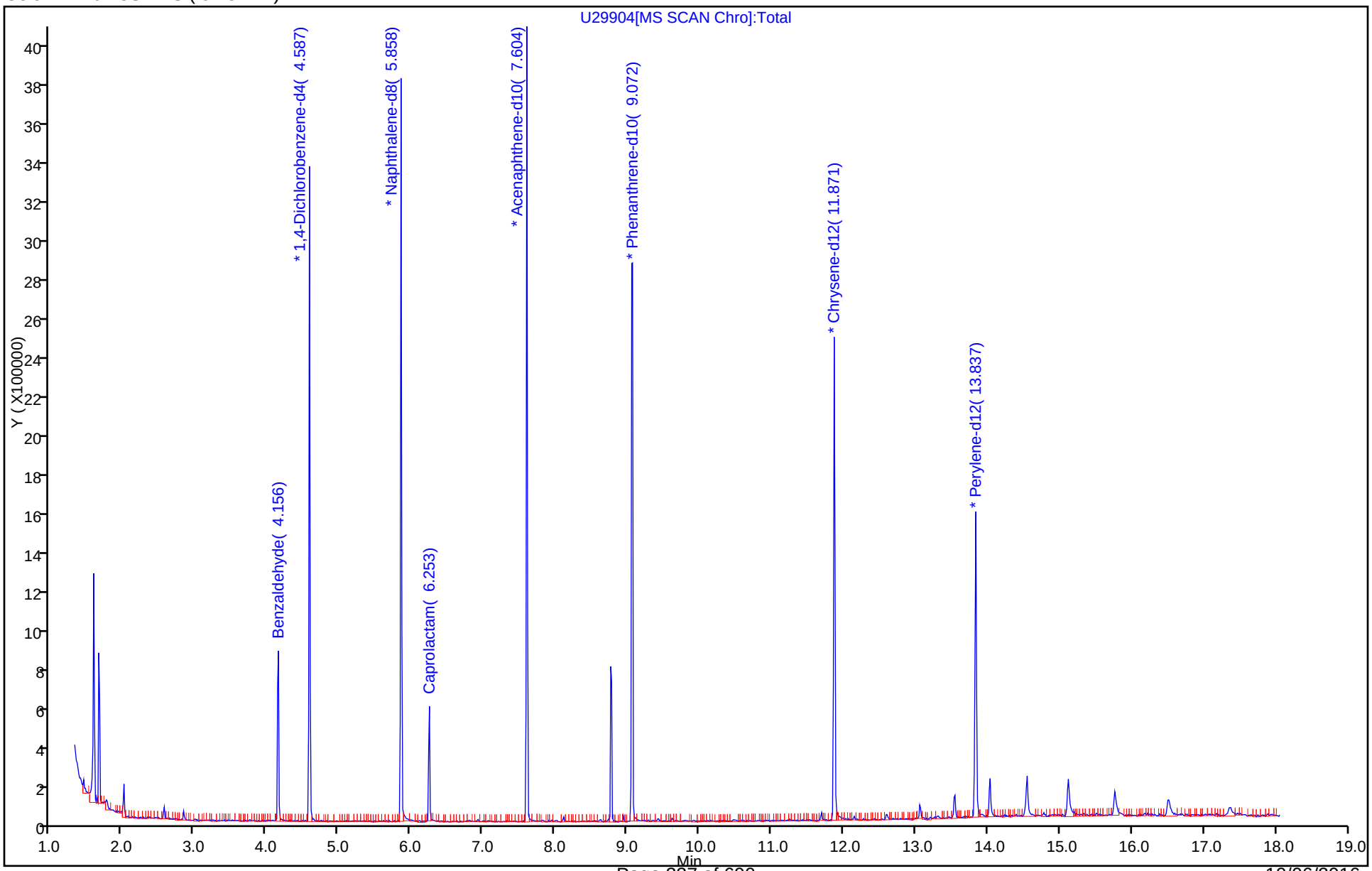
Report Date: 05-Oct-2016 14:14:39 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29904.D

Injection Date:	03-Oct-2016 21:30:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	std2			Worklist Smp#:	14
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29905.D
Lims ID: std1
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 03-Oct-2016 21:53:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-015
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub5

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:41 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 23:25:38

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.156	4.148	0.008	94	100613	1.00	1.02	
* 14 1,4-Dichlorobenzene-d4	152	4.587	4.592	-0.005	88	377431	8.00	8.00	
* 38 Naphthalene-d8	136	5.857	5.861	-0.004	95	1348393	8.00	8.00	
42 Caprolactam	113	6.241	6.278	-0.037	90	39291	1.00	0.8995	
* 64 Acenaphthene-d10	164	7.604	7.609	-0.005	92	818797	8.00	8.00	
83 Atrazine	200	8.773	8.788	-0.015	85	49449	1.00	1.17	
* 87 Phenanthrene-d10	188	9.065	9.080	-0.015	97	1284283	8.00	8.00	
* 102 Chrysene-d12	240	11.876	11.885	-0.009	99	1079426	8.00	8.00	
* 109 Perylene-d12	264	13.836	13.843	-0.007	99	894649	8.00	8.00	

Reagents:

SM_BNAL2B_00017 Amount Added: 1.00 Units: mL

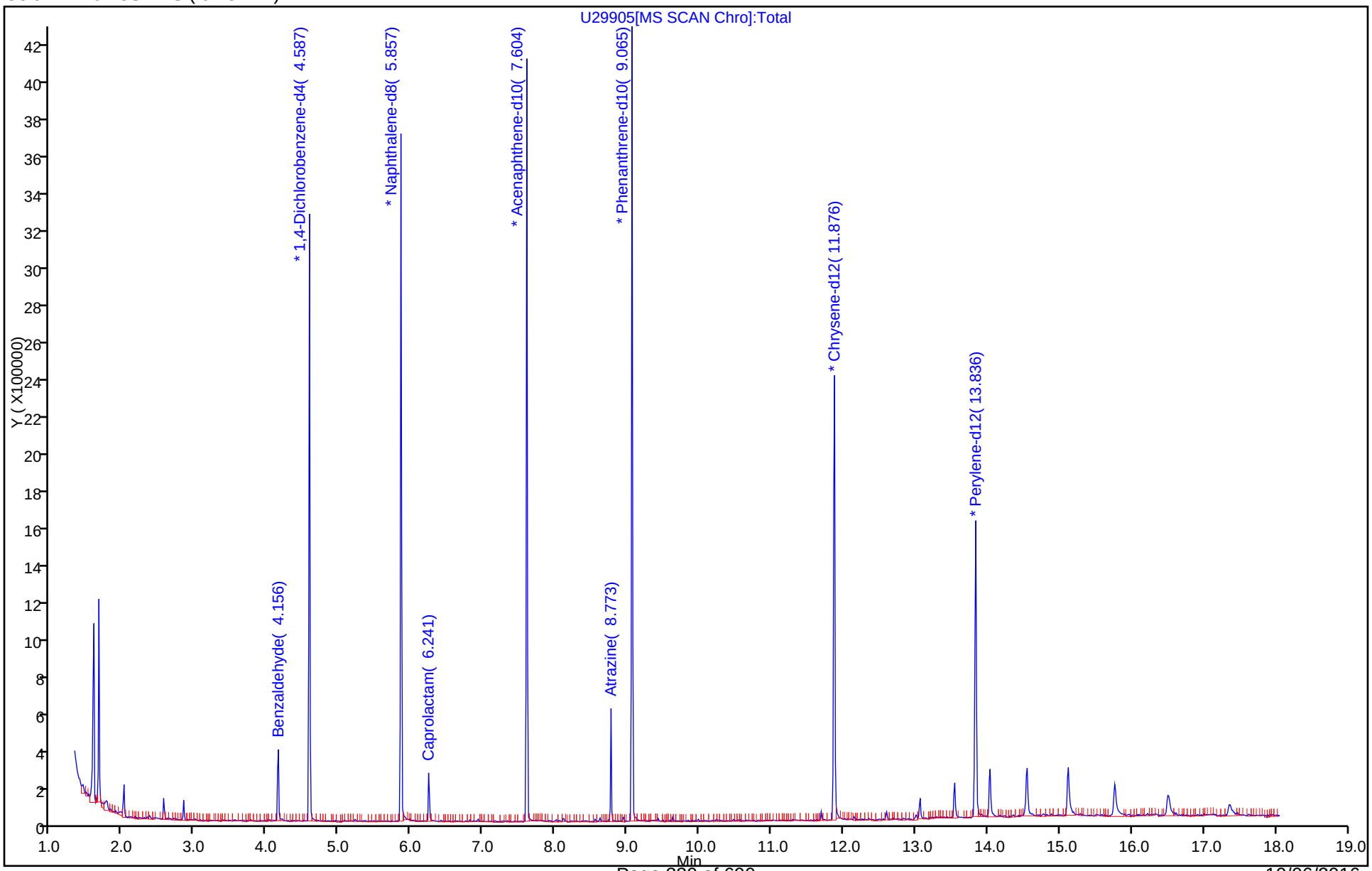
Report Date: 05-Oct-2016 14:14:44 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29905.D

Injection Date:	03-Oct-2016 21:53:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	std1			Worklist Smp#:	15
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D
Lims ID: std02
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 03-Oct-2016 22:15:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-016
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub5

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 23:25:47

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	4.587	4.592	-0.005	90	345209	8.00	8.00	
* 38 Naphthalene-d8	136	5.854	5.861	-0.007	95	1237648	8.00	8.00	
* 64 Acenaphthene-d10	164	7.602	7.609	-0.007	91	780168	8.00	8.00	
83 Atrazine	200	8.778	8.788	-0.010	68	10257	0.2000	0.2210	
* 87 Phenanthrene-d10	188	9.070	9.080	-0.010	98	1411952	8.00	8.00	
* 102 Chrysene-d12	240	11.868	11.885	-0.017	99	1143558	8.00	8.00	
* 109 Perylene-d12	264	13.841	13.843	-0.002	99	967426	8.00	8.00	

Reagents:

SM_BNAL1B_00015 Amount Added: 1.00 Units: mL

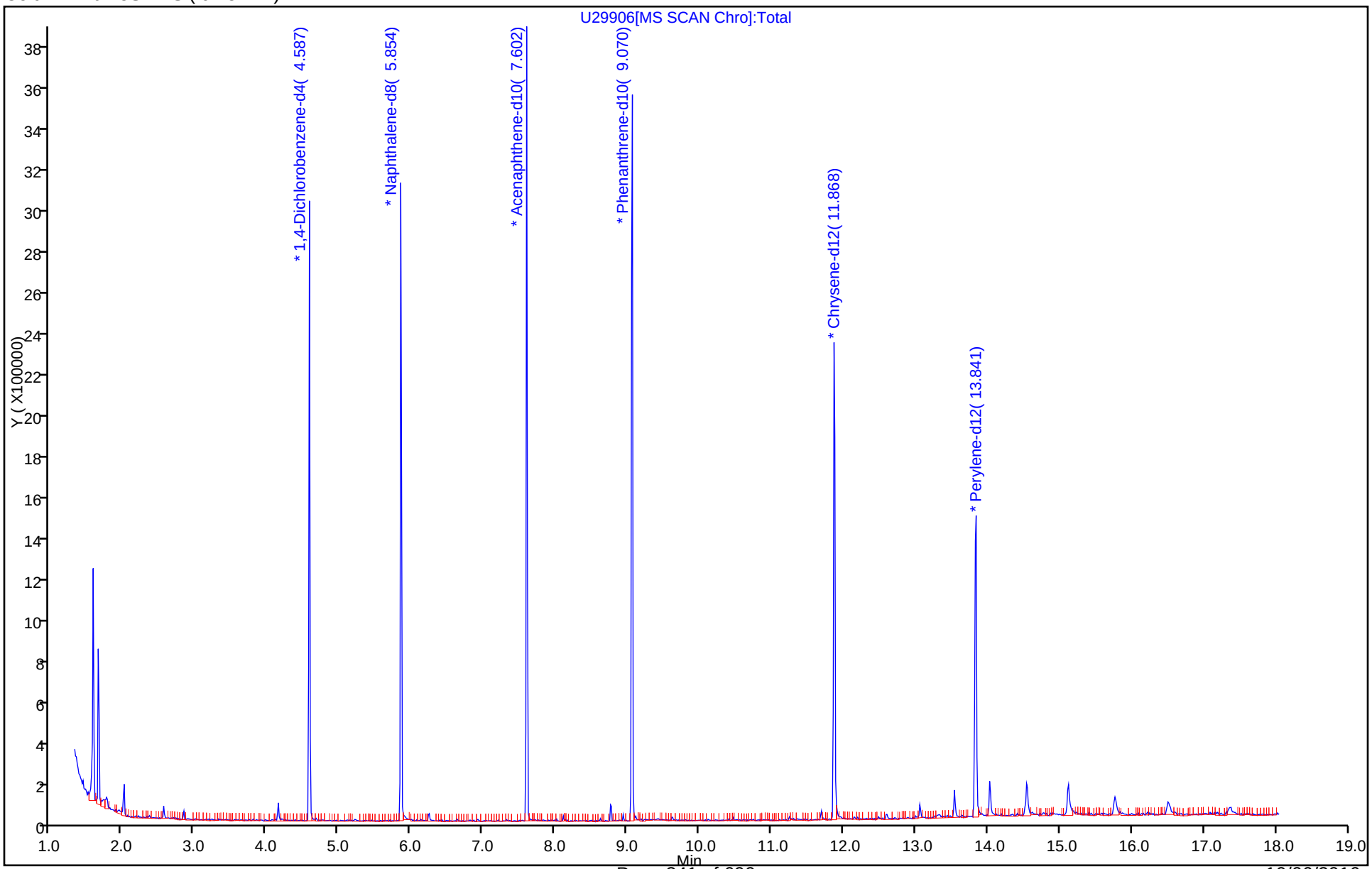
Report Date: 05-Oct-2016 14:14:47 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Injection Date:	03-Oct-2016 22:15:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	std02			Worklist Smp#:	16
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Lab Sample ID: ICV 460-394601/17 Calibration Date: 10/03/2016 22:37

Instrument ID: CBNAMS4 Calib Start Date: 10/03/2016 16:32

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/03/2016 19:27

Lab File ID: U29907.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	1.314	1.068		4060	5000	-18.7	20.0
N-Nitrosodimethylamine	Ave	1.840	1.331		3620	5000	-27.7*	20.0
Pyridine	Ave	2.835	2.738		4830	5000	-3.4	20.0
Phenol	Ave	3.818	4.020		5260	5000	5.3	20.0
Aniline	Ave	4.586	4.118		4490	5000	-10.2	20.0
Bis(2-chloroethyl)ether	Ave	3.393	2.848		4200	5000	-16.1	20.0
Benzonitrile	Ave	4.902	4.386		4470	5000	-10.5	20.0
2-Chlorophenol	Ave	1.506	1.398		4640	5000	-7.1	20.0
Decane	Ave	2.139	1.957		4580	5000	-8.5	20.0
1,3-Dichlorobenzene	Ave	1.527	1.502		4920	5000	-1.6	20.0
1,4-Dichlorobenzene	Ave	1.481	1.409		4760	5000	-4.9	20.0
Benzyl alcohol	Ave	1.854	1.687		4550	5000	-9.0	20.0
1,2-Dichlorobenzene	Ave	1.475	1.379		4670	5000	-6.6	20.0
2-Methylphenol	Ave	2.495	2.273		4560	5000	-8.9	20.0
bis (2-chloroisopropyl) ether	Ave	3.267	2.775		4250	5000	-15.1	20.0
4-Methylphenol	Ave	2.670	2.461		4610	5000	-7.8	20.0
Acetophenone	Ave	3.572	3.129		4380	5000	-12.4	20.0
N-Nitrosodi-n-propylamine	Ave	1.921	1.482	0.0500	3860	5000	-22.9*	20.0
Hexachloroethane	Ave	1.351	1.227		4540	5000	-9.1	20.0
n,n'-Dimethylaniline	Ave	2.956	2.435		4120	5000	-17.6	20.0
Nitrobenzene	Ave	1.113	0.9439		4240	5000	-15.2	20.0
Isophorone	Ave	1.908	1.679		4400	5000	-12.0	20.0
2-Nitrophenol	Ave	0.2586	0.2378		4600	5000	-8.1	20.0
2,4-Dimethylphenol	Ave	0.4875	0.4517		4630	5000	-7.4	20.0
Bis(2-chloroethoxy)methane	Ave	1.048	0.9907		4730	5000	-5.5	20.0
Benzoic acid	Ave	0.2669	0.2498		4680	5000	-6.4	20.0
2,4-Dichlorophenol	Ave	0.3415	0.3313		4850	5000	-3.0	20.0
1,2,4-Trichlorobenzene	Ave	0.3885	0.3674		4730	5000	-5.4	20.0
Naphthalene	Ave	1.019	1.033		5070	5000	1.4	20.0
4-Chloroaniline	Ave	0.5490	0.5335		4860	5000	-2.8	20.0
Hexachlorobutadiene	Ave	0.3111	0.2967		4770	5000	-4.6	20.0
4-Chloro-3-methylphenol	Ave	0.7855	0.7563		4810	5000	-3.7	20.0
2-Methylnaphthalene	Ave	0.7657	0.7505		4900	5000	-2.0	20.0
1-Methylnaphthalene	Ave	0.7166	0.7014		4890	5000	-2.1	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.7374	0.6936		4700	5000	-5.9	20.0
Hexachlorocyclopentadiene	Ave	0.5450	0.4847	0.0500	4450	5000	-11.1	20.0
2,4,6-Trichlorophenol	Ave	0.4730	0.4404		4660	5000	-6.9	20.0
2,4,5-Trichlorophenol	Ave	0.4643	0.4429		4770	5000	-4.6	20.0
Diphenyl	Ave	1.569	1.492		4750	5000	-4.9	20.0
2-Chloronaphthalene	Ave	1.127	1.093		4850	5000	-3.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Lab Sample ID: ICV 460-394601/17 Calibration Date: 10/03/2016 22:37

Instrument ID: CBNAMS4 Calib Start Date: 10/03/2016 16:32

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/03/2016 19:27

Lab File ID: U29907.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl ether	Ave	0.8392	0.7929		4720	5000	-5.5	20.0
2-Nitroaniline	Ave	0.7844	0.6932		4420	5000	-11.6	20.0
Dimethylnaphthalene, total	Ave	1.046	0.9034		4320	5000	-13.7	20.0
Dimethyl phthalate	Ave	1.540	1.482		4810	5000	-3.8	20.0
Coumarin	Ave	0.2621	0.2536		4840	5000	-3.2	20.0
2,6-Dinitrotoluene	Ave	0.3569	0.3491		4890	5000	-2.2	20.0
Acenaphthylene	Ave	1.649	1.645		4990	5000	-0.2	20.0
3-Nitroaniline	Ave	0.4062	0.3604		4440	5000	-11.3	20.0
Acenaphthene	Ave	1.390	1.374		4940	5000	-1.1	20.0
2,4-Dinitrophenol	Ave	0.2095	0.1951	0.0500	9310	10000	-6.9	20.0
4-Nitrophenol	Ave	0.4223	0.3871	0.0500	9170	10000	-8.3	20.0
2,4-Dinitrotoluene	Ave	0.4810	0.4908		5100	5000	2.0	20.0
Dibenzofuran	Ave	1.654	1.577		4770	5000	-4.7	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.4428	0.4517		5100	5000	2.0	20.0
Diethyl phthalate	Ave	1.778	1.756		4940	5000	-1.2	20.0
4-Chlorophenyl phenyl ether	Ave	0.7504	0.6594		4390	5000	-12.1	20.0
Fluorene	Ave	1.256	1.125		4480	5000	-10.4	20.0
4-Nitroaniline	Ave	0.3603	0.3519		4880	5000	-2.3	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1644	0.1590		9670	10000	-3.3	20.0
N-Nitrosodiphenylamine	Ave	0.6276	0.5381		4290	5000	-14.3	20.0
1,2-Diphenylhydrazine	Ave	1.704	1.481		4340	5000	-13.1	20.0
4-Bromophenyl phenyl ether	Ave	0.3201	0.2824		4410	5000	-11.8	20.0
Hexachlorobenzene	Ave	0.3050	0.3009		4930	5000	-1.3	20.0
Pentachlorophenol	Ave	0.2000	0.1780		8900	10000	-11.0	20.0
n-Octadecane	Ave	0.8272	0.7490		4530	5000	-9.5	20.0
Phenanthrene	Ave	0.9930	0.8766		4410	5000	-11.7	20.0
Anthracene	Ave	1.059	0.9104		4300	5000	-14.0	20.0
Carbazole	Ave	0.9309	0.8270		4440	5000	-11.2	20.0
Di-n-butyl phthalate	Ave	1.610	1.390		4320	5000	-13.6	20.0
Fluoranthene	Ave	1.178	1.064		4510	5000	-9.7	20.0
Benzidine	Ave	0.5978	0.4740		3960	5000	-20.7*	20.0
Pyrene	Ave	1.392	1.263		4540	5000	-9.3	20.0
Butyl benzyl phthalate	Ave	0.8280	0.7522		4540	5000	-9.2	20.0
Carbamazepine	Ave	0.5255	0.5099		4850	5000	-3.0	20.0
3,3'-Dichlorobenzidine	Ave	0.4944	0.4399		4450	5000	-11.0	20.0
Benzo[a]anthracene	Ave	1.137	1.041		4580	5000	-8.4	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9199	0.8331		4530	5000	-9.4	20.0
Chrysene	Ave	1.013	0.9528		4700	5000	-5.9	20.0
Benzo[b]fluoranthene	Ave	1.270	1.055		4150	5000	-16.9	20.0
Benzo[k]fluoranthene	Ave	1.199	1.133		4730	5000	-5.5	20.0
Benzo[a]pyrene	Ave	1.129	1.004		4450	5000	-11.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Lab Sample ID: ICV 460-394601/17 Calibration Date: 10/03/2016 22:37

Instrument ID: CBNAMS4 Calib Start Date: 10/03/2016 16:32

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/03/2016 19:27

Lab File ID: U29907.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Indeno[1,2,3-cd]pyrene	Ave	0.9915	0.9687		4890	5000	-2.3	20.0
Dibenz(a,h)anthracene	Ave	0.8532	0.8296		4860	5000	-2.8	20.0
Benzo[g,h,i]perylene	Ave	0.9795	0.8770		4480	5000	-10.5	20.0
Di-n-octyl phthalate	Ave	1.874			0.690	5000		20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29907.D
Lims ID: icv
Client ID:
Sample Type: ICV
Inject. Date: 03-Oct-2016 22:37:30 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-017
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R6*sub31

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 23:51:53

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	1.873	1.885	-0.012	87	225906	5.00	4.06	
2 N-Nitrosodimethylamine	74	2.107	2.118	-0.011	89	281558	5.00	3.62	
3 Pyridine	79	2.142	2.164	-0.022	94	579109	5.00	4.83	
7 Phenol	94	4.227	4.249	-0.023	98	850463	5.00	5.26	
8 Aniline	93	4.261	4.272	-0.011	96	871012	5.00	4.49	
9 Bis(2-chloroethyl)ether	93	4.319	4.331	-0.012	93	602528	5.00	4.20	
10 Benzonitrile	103	4.331	4.355	-0.024	97	927694	5.00	4.47	
11 2-Chlorophenol	128	4.378	4.401	-0.023	81	295768	5.00	4.64	
12 n-Decane	43	4.425	4.437	-0.012	88	414045	5.00	4.58	
13 1,3-Dichlorobenzene	146	4.530	4.542	-0.012	79	317760	5.00	4.92	
* 14 1,4-Dichlorobenzene-d4	152	4.588	4.592	-0.004	86	338458	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.600	4.613	-0.013	73	297954	5.00	4.76	
17 Benzyl alcohol	108	4.717	4.730	-0.013	91	356863	5.00	4.55	
18 1,2-Dichlorobenzene	146	4.764	4.765	-0.001	78	291627	5.00	4.67	
19 2-Methylphenol	108	4.834	4.848	-0.014	89	480743	5.00	4.56	
20 2,2'-oxybis[1-chloropropan	45	4.856	4.871	-0.015	91	586929	5.00	4.25	
23 N-Methylaniline	106	4.972	4.989	-0.017	84	713978	5.00	4.50	
24 Acetophenone	105	4.984	5.000	-0.016	84	661873	5.00	4.38	
21 4-Methylphenol	108	4.984	5.012	-0.028	74	520598	5.00	4.61	
25 N-Nitrosodi-n-propylamine	70	4.984	5.012	-0.028	63	313398	5.00	3.86	
26 3 & 4 Methylphenol	108	4.984	5.012	-0.028	87	520598	NC	NC	
27 Hexachloroethane	117	5.101	5.106	-0.005	86	259581	5.00	4.54	
30 n,n'-Dimethylaniline	120	5.159	5.177	-0.018	75	515082	5.00	4.12	
29 Nitrobenzene	77	5.159	5.177	-0.018	91	709603	5.00	4.24	
31 Isophorone	82	5.402	5.411	-0.009	98	1262463	5.00	4.40	
32 2-Nitrophenol	139	5.473	5.493	-0.020	59	178760	5.00	4.60	
33 2,4-Dimethylphenol	122	5.520	5.540	-0.020	81	339554	5.00	4.63	
34 Bis(2-chloroethoxy)methane	93	5.614	5.622	-0.008	92	744754	5.00	4.73	
35 Benzoic acid	122	5.625	5.669	-0.044	83	187814	5.00	4.68	
36 2,4-Dichlorophenol	162	5.717	5.739	-0.022	81	249035	5.00	4.85	
37 1,2,4-Trichlorobenzene	180	5.811	5.820	-0.009	90	276224	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
* 38 Naphthalene-d8	136	5.858	5.861	-0.003	96	1202827	8.00	8.00	
39 Naphthalene	128	5.881	5.890	-0.009	95	776711	5.00	5.07	
40 4-Chloroaniline	127	5.939	5.949	-0.010	86	401050	5.00	4.86	
41 Hexachlorobutadiene	225	6.019	6.020	-0.001	90	223071	5.00	4.77	
44 4-Chloro-3-methylphenol	107	6.417	6.430	-0.013	87	568592	5.00	4.81	
45 2-Methylnaphthalene	142	6.570	6.582	-0.012	78	564203	5.00	4.90	
46 1-Methylnaphthalene	142	6.674	6.687	-0.013	87	527303	5.00	4.89	
47 Hexachlorocyclopentadiene	237	6.744	6.745	-0.001	88	222031	5.00	4.45	
48 1,2,4,5-Tetrachlorobenzene	216	6.744	6.757	-0.013	95	317687	5.00	4.70	
49 2-tertbutyl-4-methylphenol	149	6.767	6.779	-0.012	74	396391	NC	NC	
50 2,4,6-Trichlorophenol	196	6.848	6.871	-0.023	71	201717	5.00	4.66	
51 2,4,5-Trichlorophenol	196	6.894	6.906	-0.012	84	202870	5.00	4.77	
53 1,1'-Biphenyl	154	7.033	7.046	-0.013	96	683401	5.00	4.75	
54 2-Chloronaphthalene	162	7.057	7.068	-0.011	92	500658	5.00	4.85	
55 Phenyl ether	170	7.139	7.150	-0.011	81	363190	5.00	4.72	
57 2-Nitroaniline	65	7.151	7.174	-0.023	80	317508	5.00	4.42	
58 1,3-Dimethylnaphthalene	156	7.269	7.290	-0.021	84	413798	5.00	4.32	
59 Dimethyl phthalate	163	7.339	7.361	-0.022	93	678794	5.00	4.81	
60 Coumarin	146	7.363	7.384	-0.021	65	190659	5.00	4.84	
61 2,6-Dinitrotoluene	165	7.398	7.407	-0.009	82	159929	5.00	4.89	
62 Acenaphthylene	152	7.468	7.477	-0.009	95	753650	5.00	4.99	
63 3-Nitroaniline	138	7.559	7.582	-0.023	84	165082	5.00	4.44	
* 64 Acenaphthene-d10	164	7.606	7.609	-0.003	92	732898	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.628	7.640	-0.012	96	511066	NC	NC	
66 Acenaphthene	154	7.639	7.651	-0.012	96	629435	5.00	4.94	
67 2,4-Dinitrophenol	184	7.663	7.686	-0.023	82	178700	10.0	9.31	
69 4-Nitrophenol	65	7.734	7.745	-0.011	78	354653	10.0	9.17	
70 2,4-Dinitrotoluene	165	7.792	7.801	-0.009	82	224822	5.00	5.10	
71 Dibenzofuran	168	7.804	7.825	-0.021	90	722262	5.00	4.77	
72 2,3,4,6-Tetrachlorophenol	232	7.931	7.943	-0.012	87	206912	5.00	5.10	
73 Diethyl phthalate	149	8.033	8.047	-0.014	94	804414	5.00	4.94	
74 4-Chlorophenyl phenyl ethe	204	8.138	8.151	-0.013	71	302051	5.00	4.39	
75 Fluorene	166	8.149	8.162	-0.013	94	515403	5.00	4.48	
76 4-Nitroaniline	138	8.161	8.185	-0.024	79	161177	5.00	4.88	
77 4,6-Dinitro-2-methylphenol	198	8.194	8.220	-0.026	72	249507	10.0	9.67	
78 N-Nitrosodiphenylamine	169	8.252	8.278	-0.026	65	422111	5.00	4.29	
79 1,2-Diphenylhydrazine	77	8.300	8.313	-0.013	98	1161470	5.00	4.34	
81 4-Bromophenyl phenyl ether	248	8.627	8.637	-0.010	91	221543	5.00	4.41	
82 Hexachlorobenzene	284	8.696	8.707	-0.011	94	236075	5.00	4.93	
84 Pentachlorophenol	266	8.882	8.905	-0.023	85	279225	10.0	8.90	
85 Pentachloronitrobenzene	237	8.905	8.916	-0.011	87	132427	NC	NC	
86 n-Octadecane	57	8.952	8.961	-0.009	90	587560	5.00	4.53	
* 87 Phenanthrene-d10	188	9.067	9.080	-0.013	96	1255215	8.00	8.00	
88 Phenanthrene	178	9.090	9.110	-0.020	98	687700	5.00	4.41	
89 Anthracene	178	9.136	9.157	-0.021	94	714218	5.00	4.30	
90 Carbazole	167	9.289	9.307	-0.018	98	648787	5.00	4.44	
91 Di-n-butyl phthalate	149	9.628	9.646	-0.018	98	1090718	5.00	4.32	
92 Fluoranthene	202	10.259	10.273	-0.014	96	834491	5.00	4.51	
93 Benzidine	184	10.388	10.401	-0.013	98	371826	5.00	3.96	
94 Pyrene	202	10.492	10.506	-0.014	95	783116	5.00	4.54	
95 Bisphenol-A	213	10.527	10.540	-0.013	0	588188	NC	NC	
97 Butyl benzyl phthalate	149	11.179	11.192	-0.013	87	466467	5.00	4.54	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
99 Carbamazepine	193	11.320	11.333	-0.013	88	316171	5.00	4.85	
100 3,3'-Dichlorobenzidine	252	11.831	11.849	-0.018	98	272778	5.00	4.45	
101 Benzo[a]anthracene	228	11.865	11.883	-0.018	99	645770	5.00	4.58	
* 102 Chrysene-d12	240	11.876	11.885	-0.009	98	992199	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.888	11.905	-0.017	91	516601	5.00	4.53	
104 Chrysene	228	11.910	11.928	-0.018	98	590844	5.00	4.70	
106 Benzo[b]fluoranthene	252	13.296	13.320	-0.024	97	586178	5.00	4.15	
107 Benzo[k]fluoranthene	252	13.342	13.365	-0.023	97	629727	5.00	4.73	
108 Benzo[a]pyrene	252	13.759	13.774	-0.015	98	557642	5.00	4.45	
* 109 Perylene-d12	264	13.841	13.843	-0.002	98	888992	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.418	15.447	-0.029	97	538243	5.00	4.89	
111 Dibenz(a,h)anthracene	278	15.464	15.492	-0.028	96	460921	5.00	4.86	
112 Benzo[g,h,i]perylene	276	15.871	15.907	-0.036	96	487264	5.00	4.48	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_ICV LVI_00017 Amount Added: 1.00 Units: mL

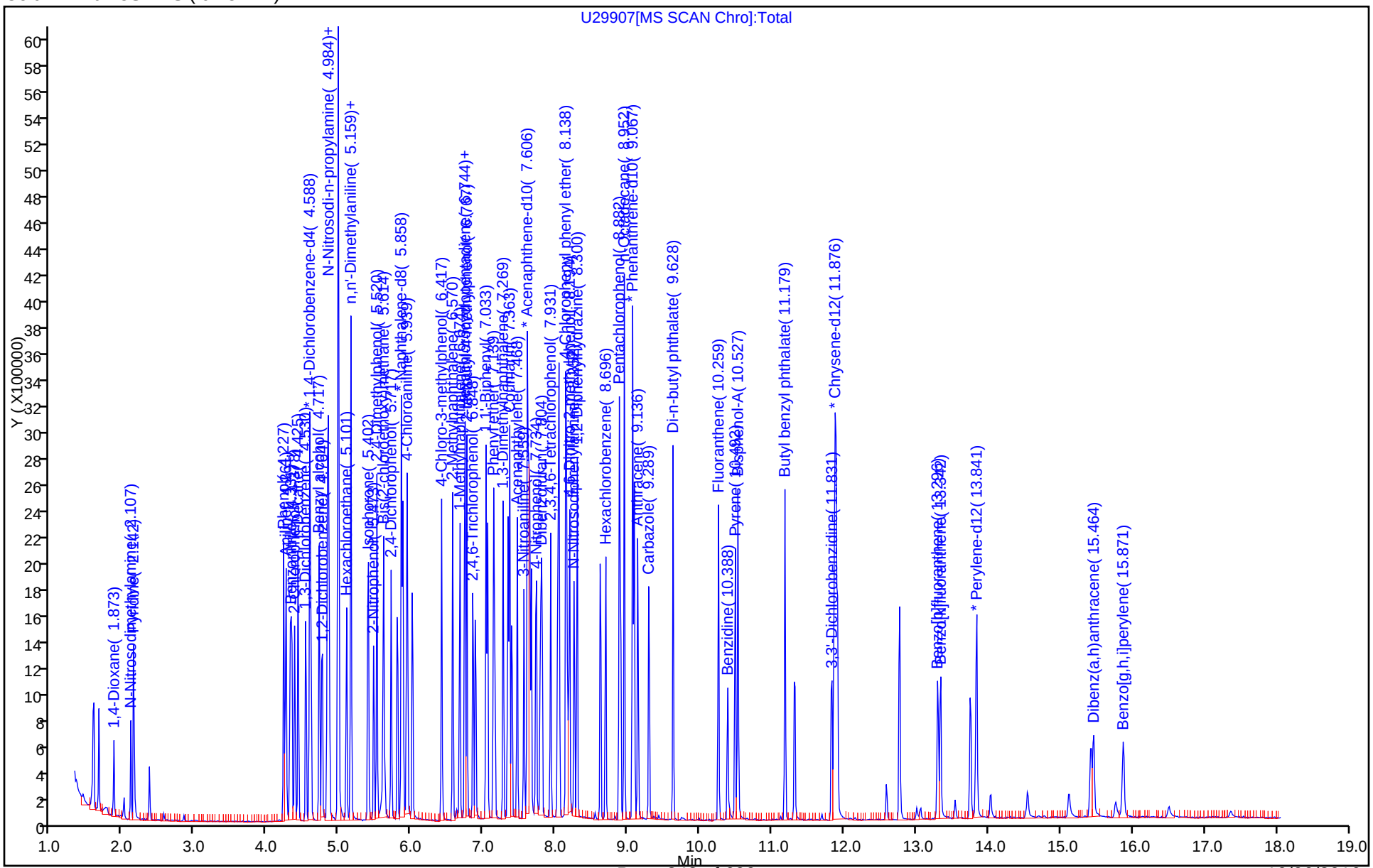
Report Date: 05-Oct-2016 14:14:50 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29907.D

Injection Date:	03-Oct-2016 22:37:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	icv			Worklist Smp#:	17
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Lab Sample ID: ICV 460-394601/18 Calibration Date: 10/03/2016 22:59

Instrument ID: CBNAMS4 Calib Start Date: 10/03/2016 20:01

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/03/2016 22:15

Lab File ID: U29908.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	2.094	2.245		5360	5000	7.2	20.0
Caprolactam	Ave	0.2592	0.2823		5450	5000	8.9	20.0
Atrazine	Ave	0.2630	0.3047		5790	5000	15.8	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29908.D
Lims ID: icv
Client ID:
Sample Type: ICV
Inject. Date: 03-Oct-2016 22:59:30 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-018
Operator ID: Instrument ID: CBNAMS4
Sublist:

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 23:57:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.148	4.148	0.000	91	455792	5.00	5.36	
* 14 1,4-Dichlorobenzene-d4	152	4.581	4.592	-0.011	87	324838	8.00	8.00	
* 38 Naphthalene-d8	136	5.860	5.861	-0.001	96	1190248	8.00	8.00	
42 Caprolactam	113	6.258	6.278	-0.020	90	209996	5.00	5.45	
* 64 Acenaphthene-d10	164	7.602	7.609	-0.007	92	754282	8.00	8.00	
83 Atrazine	200	8.782	8.788	-0.006	90	233812	5.00	5.79	
* 87 Phenanthrene-d10	188	9.072	9.080	-0.008	98	1227767	8.00	8.00	
* 102 Chrysene-d12	240	11.871	11.885	-0.014	99	1072091	8.00	8.00	
* 109 Perylene-d12	264	13.831	13.843	-0.012	99	869649	8.00	8.00	

Reagents:

SM_ICVLVI-Ben_00013 Amount Added: 1.00 Units: mL

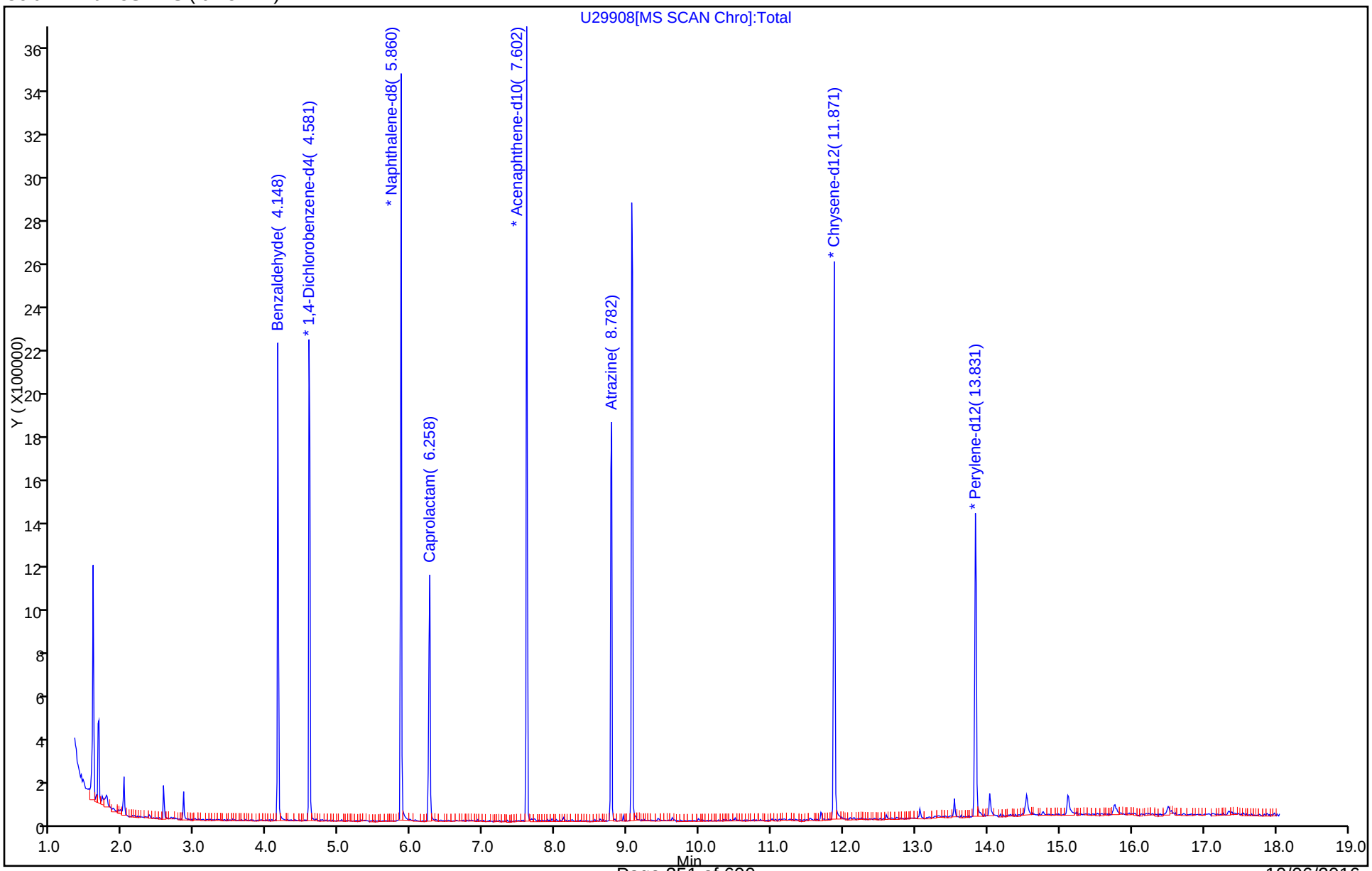
Report Date: 05-Oct-2016 14:14:55 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29908.D

Injection Date:	03-Oct-2016 22:59:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	icv			Worklist Smp#:	18
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29891.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 03-Oct-2016 16:06:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-001
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:26:18 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: croccom Date: 03-Oct-2016 16:24:02

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	5.430	5.430	0.000	81	52621	NR	NR	
43 Benzidine_T	184	7.217	7.217	0.000	97	285585	NR	NR	
124 DFTPP									
125 4,4'-DDE	246	7.450	7.450	0.000	1	287		NR	M
126 4,4'-DDD	235	7.876	7.876	0.000	4	1186		NR	
127 4,4'-DDT	235	8.191	8.191	0.000	94	145161	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
M - Manually Integrated

Reagents:

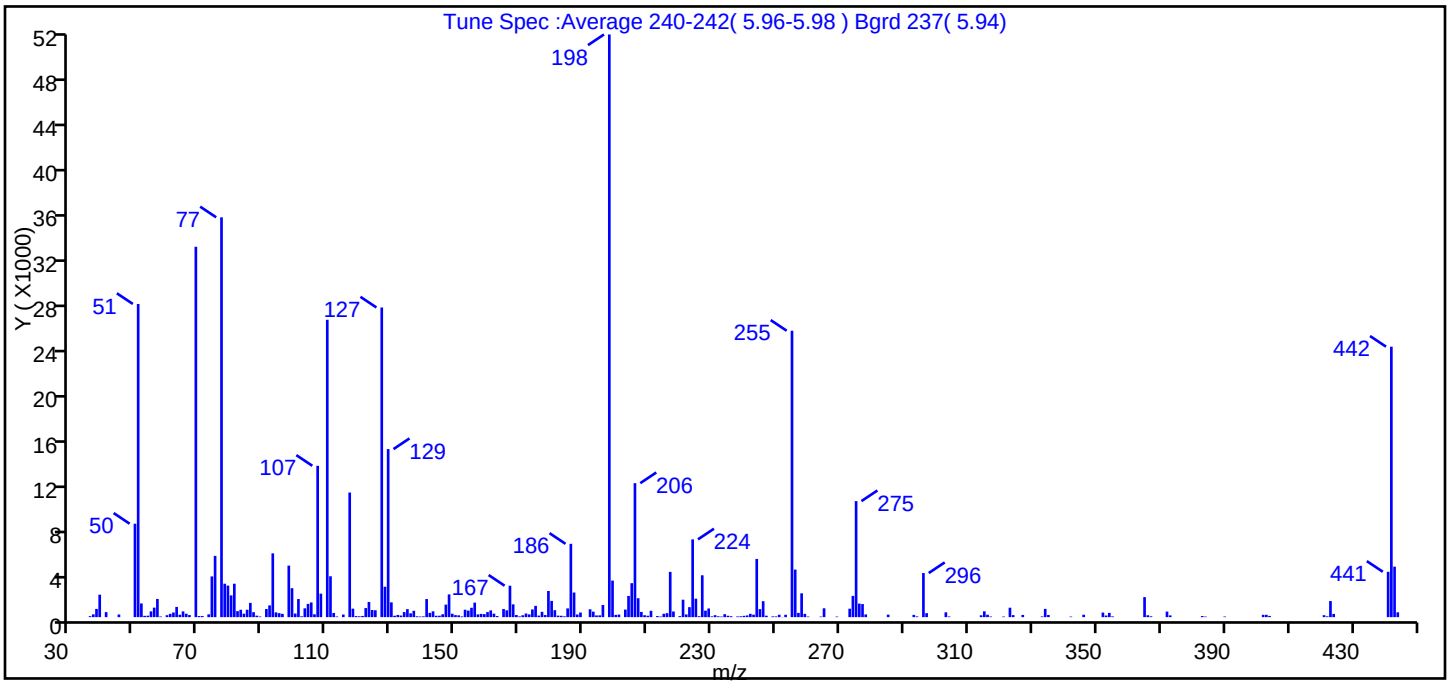
SMDFTTP_CH_00008 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29891.D
Injection Date: 03-Oct-2016 16:06:30 Instrument ID: CBNAMS4
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R4 Limit Group: SV 625 ICAL
Tune Method: DFTPP Method 625

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100 percent relative abundance	100.0
51	30-60 percent of Mass 198	53.8
68	Less than 2 percent of Mass 69	0.0 (0.0)
69	Present	63.6
70	Less than 2 percent of Mass 69	0.2 (0.3)
127	40-60 percent of Mass 198	53.1
197	Less than 1 percent of Mass 198	0.0
199	5-9 percent of Mass 198	6.3
275	10-30 percent of Mass 198	19.9
365	Greater than 1 percent of Mass 198	3.4
441	Present but less than Mass 443	7.8 (89.9)
442	Greater than 40 percent of Mass 198	46.4
443	17-23 percent of Mass 442	8.7 (18.7)

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29891.D\8270LVI_R4.rslt\spectra.d
Injection Date: 03-Oct-2016 16:06:30
Spectrum: Tune Spec :Average 240-242(5.96-5.98) Bgrd 237(5.94)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 249

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	86	115.00	231	181.00	616	252.00	15
37.00	250	117.00	11012	182.00	135	253.00	209
38.00	725	118.00	749	183.00	121	255.00	25312
39.00	1985	119.00	94	184.00	72	256.00	4202
41.00	445	120.00	74	185.00	774	257.00	374
45.00	234	121.00	109	186.00	6480	258.00	2106
50.00	8257	122.00	802	187.00	2176	259.00	290
51.00	27680	123.00	1343	188.00	233	260.00	52
52.00	1212	124.00	629	189.00	408	264.00	50
53.00	116	125.00	609	192.00	695	265.00	783
54.00	130	127.00	27368	193.00	485	269.00	51
55.00	511	128.00	2688	194.00	154	273.00	746
56.00	841	129.00	14854	195.00	159	274.00	1877
57.00	1608	130.00	1307	196.00	1074	275.00	10255
58.00	55	131.00	121	198.00	51496	276.00	1198
60.00	173	132.00	193	199.00	3230	277.00	1157
61.00	289	133.00	141	200.00	200	278.00	240
62.00	411	134.00	447	201.00	227	285.00	222
63.00	904	135.00	709	203.00	671	293.00	198
64.00	215	136.00	337	204.00	1874	294.00	65
65.00	509	137.00	561	205.00	3002	296.00	3898
66.00	302	138.00	76	206.00	11841	297.00	355
67.00	186	139.00	55	207.00	1673	303.00	427
69.00	32736	140.00	68	208.00	461	304.00	57
70.00	97	141.00	1600	209.00	170	314.00	161
71.00	96	142.00	378	210.00	124	315.00	514
73.00	247	143.00	515	211.00	563	316.00	213
74.00	3600	144.00	123	213.00	96	317.00	55
75.00	5414	145.00	126	214.00	53	321.00	53
77.00	35336	146.00	254	215.00	299	323.00	834
78.00	2955	147.00	1106	216.00	349	324.00	180
79.00	2788	148.00	2008	217.00	4000	327.00	195
80.00	1922	149.00	304	218.00	501	333.00	61

Report Date: 05-Oct-2016 14:26:21 Chrom Revision: 2.2 08-Sep-2016 14:45:52
Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29891.D\8270LVI_R4.rslt\spectra.d
Injection Date: 03-Oct-2016 16:06:30
Spectrum: Tune Spec :Average 240-242(5.96-5.98) Bgrd 237(5.94)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 249

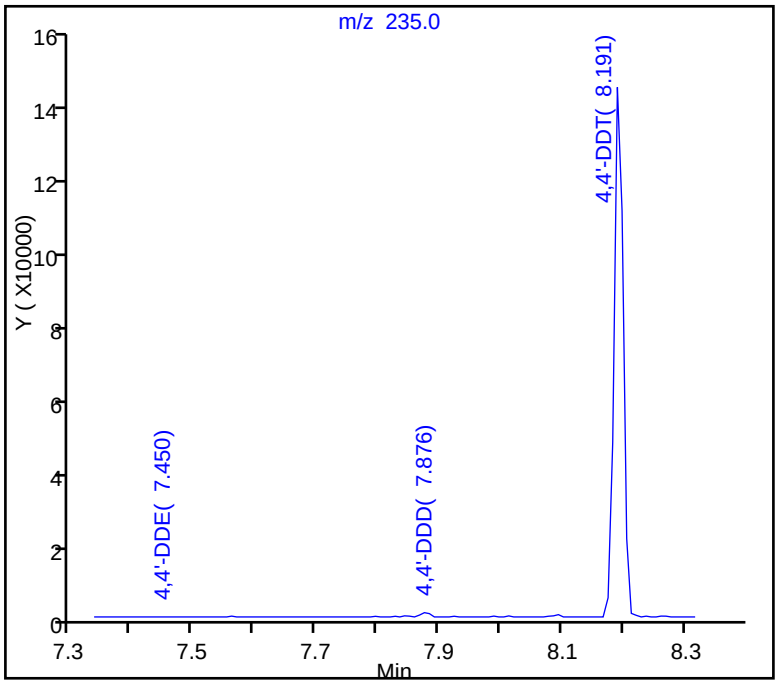
m/z	Y	m/z	Y	m/z	Y	m/z	Y
81.00	2954	150.00	181	220.00	89	334.00	730
82.00	530	151.00	159	221.00	1541	335.00	190
83.00	651	152.00	64	222.00	240	342.00	50
84.00	306	153.00	657	223.00	882	346.00	213
85.00	655	154.00	579	224.00	6873	352.00	406
86.00	1260	155.00	828	225.00	1632	353.00	143
87.00	441	156.00	1282	226.00	83	354.00	376
88.00	132	157.00	242	227.00	3699	355.00	66
89.00	58	158.00	286	228.00	573	365.00	1771
91.00	716	159.00	268	229.00	766	366.00	167
92.00	1039	160.00	450	230.00	67	367.00	72
93.00	5638	161.00	595	231.00	173	372.00	490
94.00	421	162.00	308	232.00	75	373.00	155
95.00	353	163.00	98	233.00	52	383.00	98
96.00	290	165.00	721	234.00	261	384.00	51
98.00	4556	166.00	604	235.00	124	390.00	55
99.00	2560	167.00	2778	236.00	81	402.00	205
100.00	318	168.00	1129	238.00	60	403.00	207
101.00	1599	169.00	189	239.00	73	404.00	108
102.00	72	170.00	67	240.00	116	421.00	174
103.00	779	171.00	168	241.00	151	422.00	71
104.00	1170	172.00	320	242.00	294	423.00	1420
105.00	1300	173.00	242	243.00	219	424.00	285
106.00	252	174.00	679	244.00	5143	441.00	4009
107.00	13376	175.00	998	245.00	708	442.00	23904
108.00	2076	176.00	136	246.00	1410	443.00	4461
110.00	26280	177.00	470	247.00	126	444.00	426
111.00	3614	178.00	185	249.00	67		
112.00	370	179.00	2313	250.00	63		
113.00	57	180.00	1436	251.00	211		

Breakdown Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29891.D
Injection Date: 03-Oct-2016 16:06:30 Instrument ID: CBNAMS4
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R4 Limit Group: SV 625 ICAL

127 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 145161
126 4,4'-DDD, Area = 1186
125 4,4'-DDE, Area = 287

%Breakdown: 1.00%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

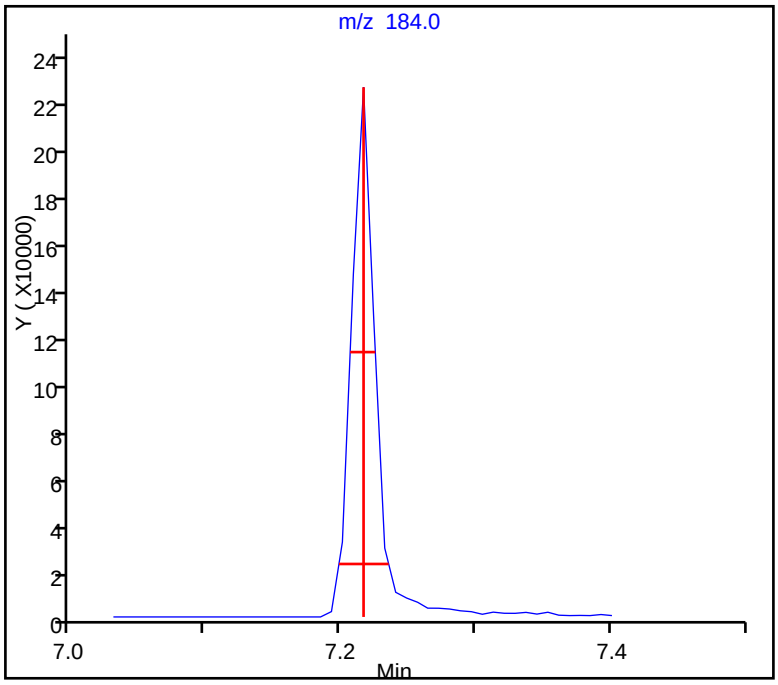
Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29891.D
Injection Date: 03-Oct-2016 16:06:30 Instrument ID: CBNAMS4
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R4 Limit Group: SV 625 ICAL

43 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.019 (min.)
Front Width = 0.018 (min.)

Tailing Factor = 1.0, Max. Tailing < 3.00
Passed



Peak Tailing Report

TestAmerica Edison

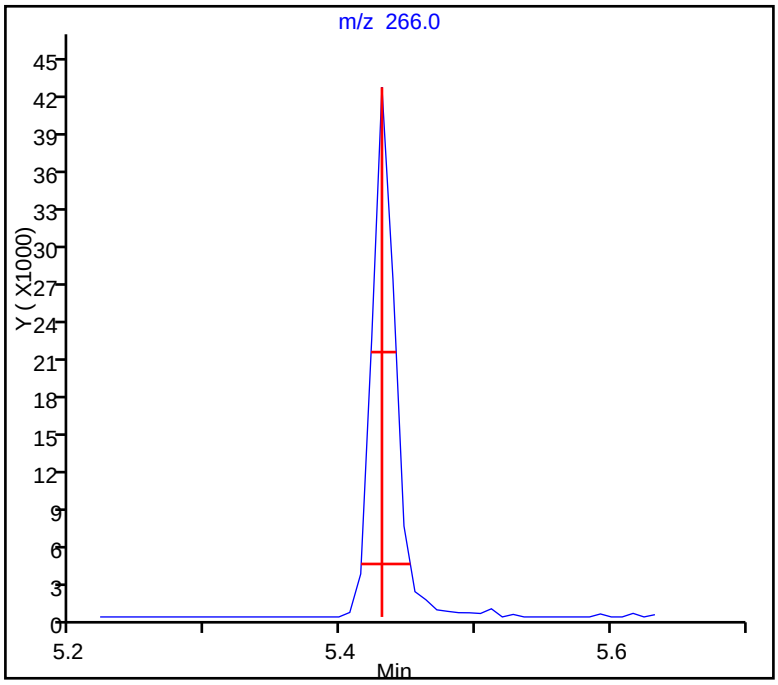
Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29891.D
Injection Date: 03-Oct-2016 16:06:30 Instrument ID: CBNAMS4
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R4 Limit Group: SV 625 ICAL

16 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.021 (min.)
Front Width = 0.015 (min.)

Tailing Factor = 1.4, Max. Tailing < 3.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-394513/1-A

Matrix: Water | Lab File ID: U29915.D

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 01:54

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.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.12	U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.1	U	10	1.1
106-46-7	1,4-Dichlorobenzene	0.66	U	10	0.66
95-50-1	1,2-Dichlorobenzene	0.83	U	10	0.83
621-64-7	N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83
67-72-1	Hexachloroethane	0.090	U	1.0	0.090
98-95-3	Nitrobenzene	0.49	U	1.0	0.49
78-59-1	Isophorone	0.67	U	10	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.69	U	10	0.69
120-82-1	1,2,4-Trichlorobenzene	0.61	U	1.0	0.61
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
91-57-6	2-Methylnaphthalene	0.88	U	10	0.88
77-47-4	Hexachlorocyclopentadiene	0.61	U	10	0.61
91-58-7	2-Chloronaphthalene	0.61	U	10	0.61
88-74-4	2-Nitroaniline	0.65	U	10	0.65
131-11-3	Dimethyl phthalate	0.98	U	10	0.98
208-96-8	Acenaphthylene	0.65	U	10	0.65
606-20-2	2,6-Dinitrotoluene	0.88	U	2.0	0.88
99-09-2	3-Nitroaniline	0.82	U	10	0.82
83-32-9	Acenaphthene	0.88	U	10	0.88
132-64-9	Dibenzofuran	0.85	U	10	0.85
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	0.96	U	10	0.96
86-73-7	Fluorene	0.80	U	10	0.80
100-01-6	4-Nitroaniline	0.48	U	10	0.48
86-30-6	N-Nitrosodiphenylamine	0.74	U	10	0.74
101-55-3	4-Bromophenyl phenyl ether	1.0	U	10	1.0
118-74-1	Hexachlorobenzene	0.47	U	1.0	0.47
85-01-8	Phenanthrene	0.65	U	10	0.65
120-12-7	Anthracene	0.57	U	10	0.57
86-74-8	Carbazole	0.85	U	10	0.85

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-394513/1-A

Matrix: Water | Lab File ID: U29915.D

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 01:54

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.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.82	U	10	0.82
206-44-0	Fluoranthene	0.72	U	10	0.72
129-00-0	Pyrene	0.83	U	10	0.83
85-68-7	Butyl benzyl phthalate	0.60	U	10	0.60
91-94-1	3,3'-Dichlorobenzidine	1.0	U	10	1.0
56-55-3	Benzo[a]anthracene	0.55	U	1.0	0.55
218-01-9	Chrysene	0.67	U	2.0	0.67
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
205-99-2	Benzo[b]fluoranthene	0.44	U	1.0	0.44
207-08-9	Benzo[k]fluoranthene	0.18	U	1.0	0.18
50-32-8	Benzo[a]pyrene	0.16	U	1.0	0.16
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
191-24-2	Benzo[g,h,i]perylene	0.75	U	10	0.75
108-60-1	bis (2-chloroisopropyl) ether	0.93	U	10	0.93

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	76		49-125
1718-51-0	Terphenyl-d14	79		28-150
321-60-8	2-Fluorobiphenyl	71		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-394513/1-A

Matrix: Water | Lab File ID: U29915.D

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 01:54

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.: 394601 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29915.D
Lims ID: MB 460-394513/1-A
Client ID:
Sample Type: MB
Inject. Date: 04-Oct-2016 01:54:30 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-025
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: zhaoc Date: 04-Oct-2016 12:49:56

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	3.297	3.317	-0.020	94	442672	10.0	4.17	
$ 6 Phenol-d5	99	4.209	4.237	-0.028	88	421752	10.0	2.84	
* 14 1,4-Dichlorobenzene-d4	152	4.582	4.592	-0.010	89	296147	8.00	8.00	
$ 28 Nitrobenzene-d5	82	5.141	5.153	-0.012	85	1125554	10.0	7.62	
* 38 Naphthalene-d8	136	5.863	5.861	0.002	95	1089732	8.00	8.00	
$ 52 2-Fluorobiphenyl	172	6.935	6.953	-0.018	94	999289	10.0	7.08	
* 64 Acenaphthene-d10	164	7.613	7.609	0.004	93	728283	8.00	8.00	
$ 80 2,4,6-Tribromophenol	330	8.383	8.406	-0.023	82	220201	10.0	7.85	
* 87 Phenanthrene-d10	188	9.071	9.080	-0.009	96	1172821	8.00	8.00	
$ 96 Terphenyl-d14	244	10.655	10.666	-0.011	98	1222454	10.0	7.87	
* 102 Chrysene-d12	240	11.877	11.885	-0.008	98	1009232	8.00	8.00	
* 109 Perylene-d12	264	13.845	13.843	0.002	99	840759	8.00	8.00	

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

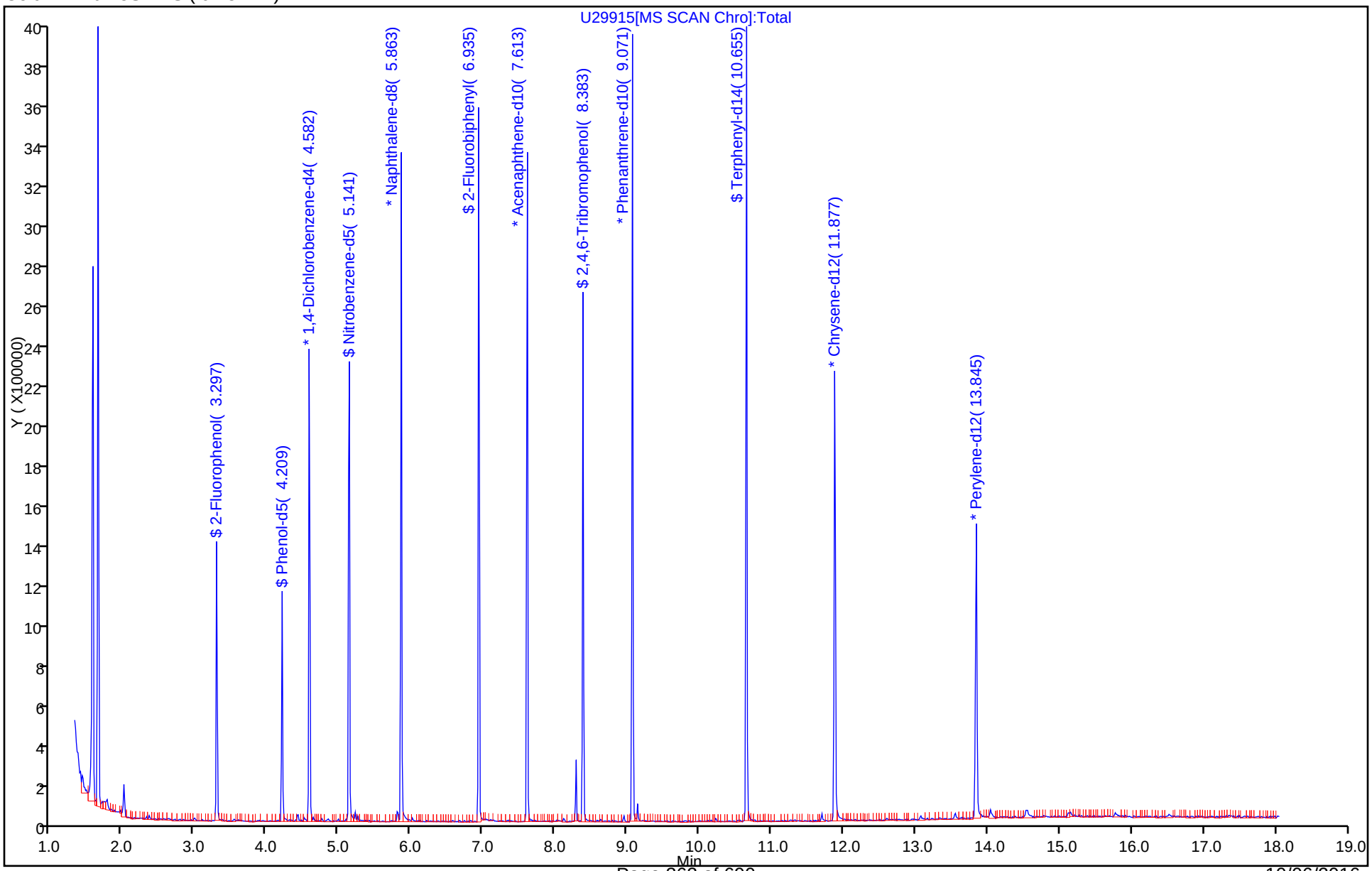
Report Date: 05-Oct-2016 14:15:30 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29915.D

Injection Date:	04-Oct-2016 01:54:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	MB 460-394513/1-A			Worklist Smp#:	25
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-394513/2-A

Matrix: Water | Lab File ID: U29916.D

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 02:16

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.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	60.9		1.0	0.12
541-73-1	1,3-Dichlorobenzene	59.0		10	1.1
106-46-7	1,4-Dichlorobenzene	59.0		10	0.66
95-50-1	1,2-Dichlorobenzene	59.7		10	0.83
621-64-7	N-Nitrosodi-n-propylamine	54.4		1.0	0.83
67-72-1	Hexachloroethane	56.6		1.0	0.090
98-95-3	Nitrobenzene	59.4		1.0	0.49
78-59-1	Isophorone	59.9		10	0.67
111-91-1	Bis(2-chloroethoxy)methane	67.9		10	0.69
120-82-1	1,2,4-Trichlorobenzene	59.6		1.0	0.61
91-20-3	Naphthalene	64.7		10	0.80
106-47-8	4-Chloroaniline	59.1		10	0.73
87-68-3	Hexachlorobutadiene	58.0		1.0	0.76
91-57-6	2-Methylnaphthalene	64.4		10	0.88
77-47-4	Hexachlorocyclopentadiene	61.6		10	0.61
91-58-7	2-Chloronaphthalene	68.4		10	0.61
88-74-4	2-Nitroaniline	75.2		10	0.65
131-11-3	Dimethyl phthalate	67.8		10	0.98
208-96-8	Acenaphthylene	68.3		10	0.65
606-20-2	2,6-Dinitrotoluene	74.6		2.0	0.88
99-09-2	3-Nitroaniline	67.3		10	0.82
83-32-9	Acenaphthene	76.1		10	0.88
132-64-9	Dibenzofuran	71.0		10	0.85
121-14-2	2,4-Dinitrotoluene	78.5		2.0	1.0
84-66-2	Diethyl phthalate	73.1		10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	72.0		10	0.96
86-73-7	Fluorene	70.8		10	0.80
100-01-6	4-Nitroaniline	74.7		10	0.48
86-30-6	N-Nitrosodiphenylamine	68.8		10	0.74
101-55-3	4-Bromophenyl phenyl ether	70.8		10	1.0
118-74-1	Hexachlorobenzene	73.0		1.0	0.47
85-01-8	Phenanthrene	71.9		10	0.65
120-12-7	Anthracene	73.7		10	0.57
86-74-8	Carbazole	73.1		10	0.85

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-394513/2-A

Matrix: Water | Lab File ID: U29916.D

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 02:16

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.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	69.1		10	0.82
206-44-0	Fluoranthene	72.5		10	0.72
129-00-0	Pyrene	78.4		10	0.83
85-68-7	Butyl benzyl phthalate	79.8		10	0.60
91-94-1	3,3'-Dichlorobenzidine	74.8		10	1.0
56-55-3	Benzo[a]anthracene	77.0		1.0	0.55
218-01-9	Chrysene	79.2		2.0	0.67
117-81-7	Bis(2-ethylhexyl) phthalate	82.5		2.0	0.72
117-84-0	Di-n-octyl phthalate	74.9		10	0.69
205-99-2	Benzo[b]fluoranthene	71.9		1.0	0.44
207-08-9	Benzo[k]fluoranthene	75.5		1.0	0.18
50-32-8	Benzo[a]pyrene	73.1		1.0	0.16
193-39-5	Indeno[1,2,3-cd]pyrene	75.1		1.0	0.21
53-70-3	Dibenz(a,h)anthracene	85.5		1.0	0.090
191-24-2	Benzo[g,h,i]perylene	79.3		10	0.75
108-60-1	bis (2-chloroisopropyl) ether	59.5		10	0.93

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	74		49-125
1718-51-0	Terphenyl-d14	88		28-150
321-60-8	2-Fluorobiphenyl	81		44-129

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29916.D
Lims ID: LCS 460-394513/2-A
Client ID:
Sample Type: LCS
Inject. Date: 04-Oct-2016 02:16:30 ALS Bottle#: 26 Worklist Smp#: 26
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-026
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: zhaoc Date: 04-Oct-2016 12:51:28

	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	1.877	1.885	-0.008	87	250254	10.0	4.89	
	2 N-Nitrosodimethylamine	74	2.111	2.118	-0.007	88	353036	10.0	4.92	
	3 Pyridine	79	2.146	2.164	-0.018	95	483202	10.0	4.37	
$	4 2-Fluorophenol	112	3.305	3.317	-0.012	93	488488	10.0	4.37	
$	6 Phenol-d5	99	4.213	4.237	-0.024	89	433415	10.0	2.77	
	7 Phenol	94	4.236	4.249	-0.013	96	466514	10.0	3.13	
	8 Aniline	93	4.260	4.272	-0.012	95	1170966	10.0	6.55	
	9 Bis(2-chloroethyl)ether	93	4.318	4.331	-0.013	95	1006518	10.0	7.61	
	10 Benzonitrile	103	4.342	4.355	-0.013	96	1622195	10.0	8.49	
	11 2-Chlorophenol	128	4.389	4.401	-0.012	84	430347	10.0	7.33	
	12 n-Decane	43	4.424	4.437	-0.013	86	572013	10.0	6.86	
	13 1,3-Dichlorobenzene	146	4.541	4.542	-0.001	77	438807	10.0	7.37	
*	14 1,4-Dichlorobenzene-d4	152	4.588	4.592	-0.004	85	311862	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.612	4.613	-0.001	81	425400	10.0	7.37	
	17 Benzyl alcohol	108	4.728	4.730	-0.002	91	479352	10.0	6.63	
	18 1,2-Dichlorobenzene	146	4.763	4.765	-0.002	79	429098	10.0	7.46	
	19 2-Methylphenol	108	4.834	4.848	-0.014	90	595829	10.0	6.13	
	20 2,2'-oxybis[1-chloropropan	45	4.857	4.871	-0.014	92	947044	10.0	7.44	
	23 N-Methylaniline	106	4.986	4.989	-0.003	86	1186382	10.0	8.12	
	24 Acetophenone	105	4.998	5.000	-0.002	91	1047100	10.0	7.52	
	21 4-Methylphenol	108	4.986	5.012	-0.026	70	586301	10.0	5.63	
	25 N-Nitrosodi-n-propylamine	70	4.998	5.012	-0.014	91	509497	10.0	6.80	
	26 3 & 4 Methylphenol	108	4.986	5.012	-0.026	84	589238	NC	NC	
	27 Hexachloroethane	117	5.103	5.106	-0.003	85	372245	10.0	7.07	
$	28 Nitrobenzene-d5	82	5.138	5.153	-0.015	85	1077263	10.0	7.35	
	30 n,n'-Dimethylaniline	120	5.161	5.177	-0.016	73	844400	10.0	7.33	
	29 Nitrobenzene	77	5.161	5.177	-0.016	90	1117476	10.0	7.43	
	31 Isophorone	82	5.407	5.411	-0.004	98	1929485	10.0	7.49	
	32 2-Nitrophenol	139	5.477	5.493	-0.016	59	283799	10.0	8.12	
	33 2,4-Dimethylphenol	122	5.524	5.540	-0.016	80	507719	10.0	7.71	
	34 Bis(2-chloroethoxy)methane	93	5.617	5.622	-0.005	92	1201263	10.0	8.49	
	35 Benzoic acid	122	5.594	5.669	-0.075	78	55573	10.0	1.54	

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	5.723	5.739	-0.016	81	380730	10.0	8.25	
37 1,2,4-Trichlorobenzene	180	5.805	5.820	-0.015	88	391036	10.0	7.45	
* 38 Naphthalene-d8	136	5.864	5.861	0.003	95	1080657	8.00	8.00	
39 Naphthalene	128	5.887	5.890	-0.003	94	1112485	10.0	8.09	
40 4-Chloroaniline	127	5.934	5.949	-0.015	91	547913	10.0	7.39	
41 Hexachlorobutadiene	225	6.016	6.020	-0.004	89	304803	10.0	7.25	
44 4-Chloro-3-methylphenol	107	6.414	6.430	-0.016	87	836136	10.0	7.88	
45 2-Methylnaphthalene	142	6.578	6.582	-0.004	77	832090	10.0	8.04	
46 1-Methylnaphthalene	142	6.673	6.687	-0.014	85	777008	10.0	8.03	
47 Hexachlorocyclopentadiene	237	6.742	6.745	-0.003	87	302742	10.0	7.70	
48 1,2,4,5-Tetrachlorobenzene	216	6.742	6.757	-0.015	88	452056	10.0	8.50	
49 2-tertbutyl-4-methylphenol	149	6.775	6.779	-0.004	75	697844	NC	NC	
50 2,4,6-Trichlorophenol	196	6.858	6.871	-0.013	77	298731	10.0	8.76	
51 2,4,5-Trichlorophenol	196	6.893	6.906	-0.013	85	317215	10.0	9.48	
$ 52 2-Fluorobiphenyl	172	6.939	6.953	-0.014	94	904519	10.0	8.09	
53 1,1'-Biphenyl	154	7.033	7.046	-0.013	96	994149	10.0	8.79	
54 2-Chloronaphthalene	162	7.057	7.068	-0.011	88	694402	10.0	8.54	
55 Phenyl ether	170	7.139	7.150	-0.011	79	561551	10.0	9.28	
57 2-Nitroaniline	65	7.163	7.174	-0.011	83	531556	10.0	9.40	
58 1,3-Dimethylnaphthalene	156	7.280	7.290	-0.010	84	687162	10.0	9.11	
59 Dimethyl phthalate	163	7.338	7.361	-0.023	90	941027	10.0	8.48	
60 Coumarin	146	7.361	7.384	-0.023	64	306139	10.0	8.65	
61 2,6-Dinitrotoluene	165	7.397	7.407	-0.010	78	240012	10.0	9.33	
62 Acenaphthylene	152	7.467	7.477	-0.010	94	1014580	10.0	8.54	
63 3-Nitroaniline	138	7.561	7.582	-0.021	83	246511	10.0	8.42	
* 64 Acenaphthene-d10	164	7.608	7.609	-0.001	92	576829	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.631	7.640	-0.009	97	862133	NC	NC	
66 Acenaphthene	154	7.642	7.651	-0.009	96	953472	10.0	9.51	
67 2,4-Dinitrophenol	184	7.665	7.686	-0.021	67	275514	20.0	18.2	
69 4-Nitrophenol	65	7.723	7.745	-0.022	80	209471	20.0	6.88	
70 2,4-Dinitrotoluene	165	7.794	7.801	-0.007	80	340475	10.0	9.82	
71 Dibenzofuran	168	7.817	7.825	-0.008	90	1058544	10.0	8.87	
72 2,3,4,6-Tetrachlorophenol	232	7.934	7.943	-0.009	85	301905	10.0	9.46	
73 Diethyl phthalate	149	8.038	8.047	-0.009	94	1170715	10.0	9.13	
74 4-Chlorophenyl phenyl ethe	204	8.143	8.151	-0.008	77	487015	10.0	9.00	
75 Fluorene	166	8.143	8.162	-0.019	95	802097	10.0	8.85	
76 4-Nitroaniline	138	8.178	8.185	-0.007	76	242629	10.0	9.34	
77 4,6-Dinitro-2-methylphenol	198	8.202	8.220	-0.018	68	407144	20.0	21.2	
78 N-Nitrosodiphenylamine	169	8.260	8.278	-0.018	67	629755	10.0	8.60	
79 1,2-Diphenylhydrazine	77	8.305	8.313	-0.008	97	1776605	10.0	8.93	
$ 80 2,4,6-Tribromophenol	330	8.387	8.406	-0.019	90	194468	10.0	8.75	
81 4-Bromophenyl phenyl ether	248	8.621	8.637	-0.016	68	330393	10.0	8.84	
82 Hexachlorobenzene	284	8.703	8.707	-0.004	93	324646	10.0	9.12	
84 Pentachlorophenol	266	8.889	8.905	-0.016	88	459116	20.0	19.7	
85 Pentachloronitrobenzene	237	8.901	8.916	-0.015	80	230513	NC	NC	
86 n-Octadecane	57	8.957	8.961	-0.004	89	925826	10.0	9.59	
* 87 Phenanthrene-d10	188	9.075	9.080	-0.005	98	933766	8.00	8.00	
88 Phenanthrene	178	9.098	9.110	-0.012	98	1041728	10.0	8.99	
89 Anthracene	178	9.144	9.157	-0.013	94	1138917	10.0	9.21	
90 Carbazole	167	9.297	9.307	-0.010	97	993367	10.0	9.14	
91 Di-n-butyl phthalate	149	9.625	9.646	-0.021	97	1623584	10.0	8.64	
92 Fluoranthene	202	10.267	10.273	-0.006	97	1246328	10.0	9.06	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Benzidine	184	10.384	10.401	-0.017	97	388455	10.0	5.57	
94 Pyrene	202	10.499	10.506	-0.007	96	1189467	10.0	9.80	
95 Bisphenol-A	213	10.534	10.540	-0.006	0	231686	NC	NC	
$ 96 Terphenyl-d14	244	10.648	10.666	-0.018	98	943325	10.0	8.79	
97 Butyl benzyl phthalate	149	11.185	11.192	-0.007	88	719790	10.0	9.97	
99 Carbamazepine	193	11.324	11.333	-0.009	86	505250	10.0	11.0	
100 3,3'-Dichlorobenzidine	252	11.834	11.849	-0.015	98	403137	10.0	9.35	
101 Benzo[a]anthracene	228	11.867	11.883	-0.016	99	953300	10.0	9.62	
* 102 Chrysene-d12	240	11.879	11.885	-0.006	98	697581	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.890	11.905	-0.015	91	826939	10.0	10.3	
104 Chrysene	228	11.912	11.928	-0.016	98	874241	10.0	9.90	
105 Di-n-octyl phthalate	149	12.774	12.783	-0.009	97	1461366	10.0	9.36	
106 Benzo[b]fluoranthene	252	13.299	13.320	-0.021	96	951129	10.0	8.99	
107 Benzo[k]fluoranthene	252	13.345	13.365	-0.020	97	942505	10.0	9.43	
108 Benzo[a]pyrene	252	13.756	13.774	-0.018	97	859915	10.0	9.14	
* 109 Perylene-d12	264	13.837	13.843	-0.006	99	666651	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.432	15.447	-0.015	97	775633	10.0	9.39	
111 Dibenz(a,h)anthracene	278	15.466	15.492	-0.026	96	760011	10.0	10.7	
112 Benzo[g,h,i]perylene	276	15.884	15.907	-0.023	96	808595	10.0	9.91	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

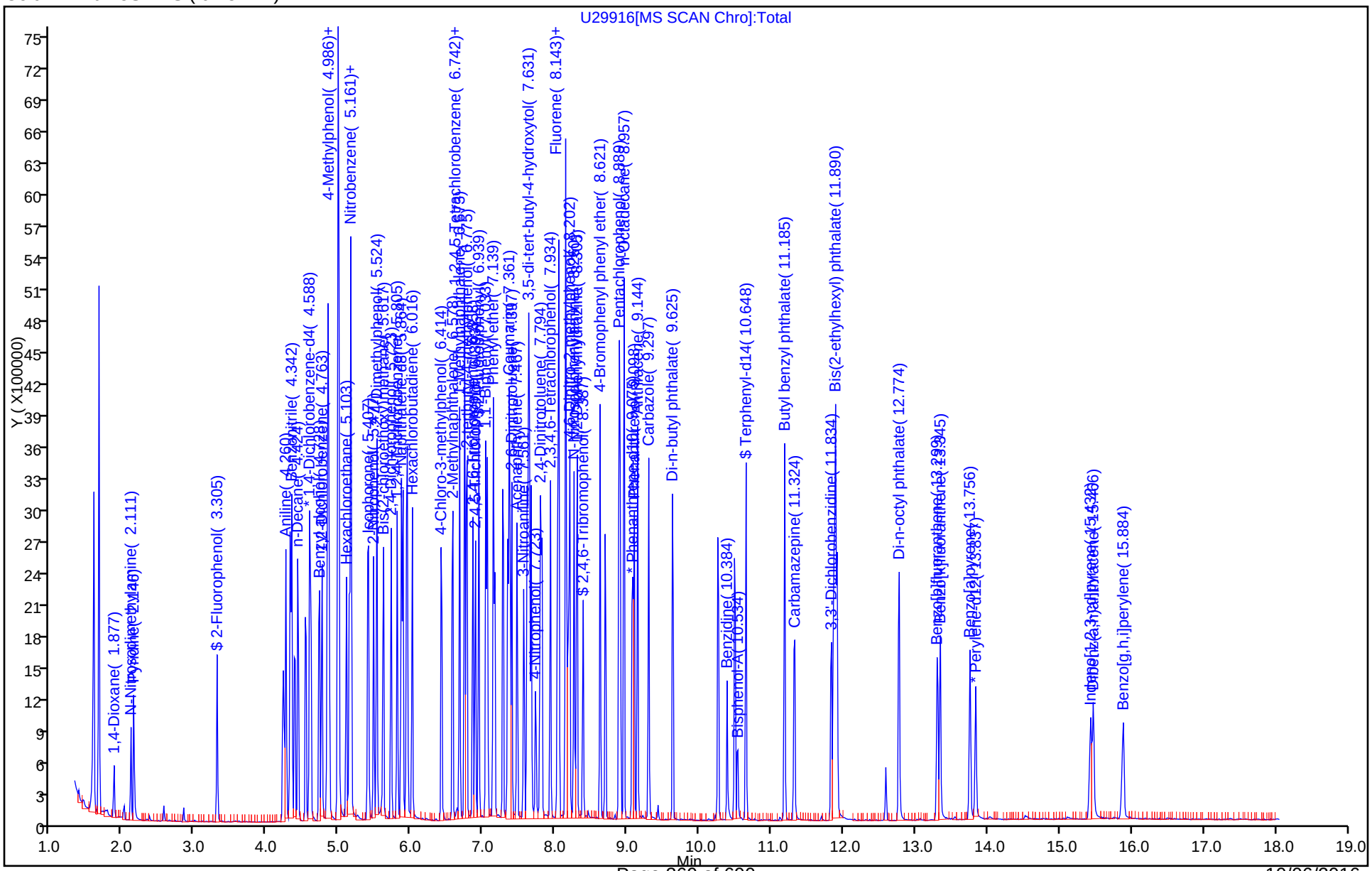
Report Date: 05-Oct-2016 14:15:36 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29916.D

Injection Date:	04-Oct-2016 02:16:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	LCS 460-394513/2-A			Worklist Smp#:	26
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-394513/3-A

Matrix: Water | Lab File ID: U29917.D

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 02:38

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.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	60.5		1.0	0.12
541-73-1	1,3-Dichlorobenzene	55.9		10	1.1
106-46-7	1,4-Dichlorobenzene	56.6		10	0.66
95-50-1	1,2-Dichlorobenzene	56.4		10	0.83
621-64-7	N-Nitrosodi-n-propylamine	57.9		1.0	0.83
67-72-1	Hexachloroethane	54.1		1.0	0.090
98-95-3	Nitrobenzene	60.0		1.0	0.49
78-59-1	Isophorone	62.2		10	0.67
111-91-1	Bis(2-chloroethoxy)methane	67.1		10	0.69
120-82-1	1,2,4-Trichlorobenzene	58.2		1.0	0.61
91-20-3	Naphthalene	63.8		10	0.80
106-47-8	4-Chloroaniline	62.4		10	0.73
87-68-3	Hexachlorobutadiene	57.9		1.0	0.76
91-57-6	2-Methylnaphthalene	62.0		10	0.88
77-47-4	Hexachlorocyclopentadiene	60.5		10	0.61
91-58-7	2-Chloronaphthalene	71.7		10	0.61
88-74-4	2-Nitroaniline	79.1		10	0.65
131-11-3	Dimethyl phthalate	68.8		10	0.98
208-96-8	Acenaphthylene	69.6		10	0.65
606-20-2	2,6-Dinitrotoluene	80.1		2.0	0.88
99-09-2	3-Nitroaniline	70.8		10	0.82
83-32-9	Acenaphthene	82.2		10	0.88
132-64-9	Dibenzofuran	70.3		10	0.85
121-14-2	2,4-Dinitrotoluene	80.9		2.0	1.0
84-66-2	Diethyl phthalate	73.6		10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	75.7		10	0.96
86-73-7	Fluorene	69.2		10	0.80
100-01-6	4-Nitroaniline	76.6		10	0.48
86-30-6	N-Nitrosodiphenylamine	69.2		10	0.74
101-55-3	4-Bromophenyl phenyl ether	69.7		10	1.0
118-74-1	Hexachlorobenzene	72.1		1.0	0.47
85-01-8	Phenanthrene	72.2		10	0.65
120-12-7	Anthracene	70.8		10	0.57
86-74-8	Carbazole	70.3		10	0.85

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-394513/3-A

Matrix: Water | Lab File ID: U29917.D

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 02:38

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.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	69.7		10	0.82
206-44-0	Fluoranthene	71.4		10	0.72
129-00-0	Pyrene	77.8		10	0.83
85-68-7	Butyl benzyl phthalate	81.0		10	0.60
91-94-1	3,3'-Dichlorobenzidine	72.7		10	1.0
56-55-3	Benzo[a]anthracene	74.3		1.0	0.55
218-01-9	Chrysene	79.1		2.0	0.67
117-81-7	Bis(2-ethylhexyl) phthalate	80.9		2.0	0.72
117-84-0	Di-n-octyl phthalate	73.8		10	0.69
205-99-2	Benzo[b]fluoranthene	75.2		1.0	0.44
207-08-9	Benzo[k]fluoranthene	69.8		1.0	0.18
50-32-8	Benzo[a]pyrene	74.4		1.0	0.16
193-39-5	Indeno[1,2,3-cd]pyrene	85.7		1.0	0.21
53-70-3	Dibenz(a,h)anthracene	81.0		1.0	0.090
191-24-2	Benzo[g,h,i]perylene	78.6		10	0.75
108-60-1	bis (2-chloroisopropyl) ether	57.7		10	0.93

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	74		49-125
1718-51-0	Terphenyl-d14	84		28-150
321-60-8	2-Fluorobiphenyl	80		44-129

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29917.D
Lims ID: LCSD 460-394513/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 04-Oct-2016 02:38:30 ALS Bottle#: 27 Worklist Smp#: 27
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-027
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: zhaoc Date: 04-Oct-2016 12:52:48

	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	1.876	1.885	-0.009	86	250733	10.0	4.54	
	2 N-Nitrosodimethylamine	74	2.107	2.118	-0.011	88	358486	10.0	4.63	
	3 Pyridine	79	2.142	2.164	-0.022	94	482783	10.0	4.05	
$	4 2-Fluorophenol	112	3.307	3.317	-0.010	94	478683	10.0	3.97	
$	6 Phenol-d5	99	4.215	4.237	-0.022	93	477596	10.0	2.83	
	7 Phenol	94	4.227	4.249	-0.022	98	596997	10.0	3.72	
	8 Aniline	93	4.262	4.272	-0.010	95	1275422	10.0	6.61	
	9 Bis(2-chloroethyl)ether	93	4.320	4.331	-0.011	93	1079618	10.0	7.57	
	10 Benzonitrile	103	4.344	4.355	-0.011	96	1715017	10.0	8.32	
	11 2-Chlorophenol	128	4.379	4.401	-0.022	82	446233	10.0	7.05	
	12 n-Decane	43	4.426	4.437	-0.011	87	597103	10.0	6.64	
	13 1,3-Dichlorobenzene	146	4.532	4.542	-0.010	75	448363	10.0	6.98	
*	14 1,4-Dichlorobenzene-d4	152	4.590	4.592	-0.002	86	336386	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.601	4.613	-0.012	74	440562	10.0	7.08	
	17 Benzyl alcohol	108	4.717	4.730	-0.013	92	544400	10.0	6.98	
	18 1,2-Dichlorobenzene	146	4.764	4.765	-0.001	76	437539	10.0	7.05	
	19 2-Methylphenol	108	4.834	4.848	-0.014	90	601068	10.0	5.73	
	20 2,2'-oxybis[1-chloropropan	45	4.857	4.871	-0.014	91	990305	10.0	7.21	
	23 N-Methylaniline	106	4.975	4.989	-0.014	82	1302928	10.0	8.26	
	24 Acetophenone	105	4.986	5.000	-0.014	91	1137513	10.0	7.57	
	21 4-Methylphenol	108	4.986	5.012	-0.026	68	618779	10.0	5.51	
	25 N-Nitrosodi-n-propylamine	70	4.986	5.012	-0.026	91	584830	10.0	7.24	
	26 3 & 4 Methylphenol	108	4.986	5.012	-0.026	83	619223	NC	NC	
	27 Hexachloroethane	117	5.092	5.106	-0.014	85	384098	10.0	6.76	
$	28 Nitrobenzene-d5	82	5.137	5.153	-0.016	86	1179637	10.0	7.40	
	30 n,n'-Dimethylaniline	120	5.161	5.177	-0.016	74	922727	10.0	7.42	
	29 Nitrobenzene	77	5.161	5.177	-0.016	90	1227180	10.0	7.50	
	31 Isophorone	82	5.407	5.411	-0.004	98	2181886	10.0	7.78	
	32 2-Nitrophenol	139	5.477	5.493	-0.016	62	311759	10.0	8.20	
	33 2,4-Dimethylphenol	122	5.524	5.540	-0.016	79	539651	10.0	7.53	
	34 Bis(2-chloroethoxy)methane	93	5.606	5.622	-0.016	94	1290917	10.0	8.38	
	35 Benzoic acid	122	5.606	5.669	-0.063	84	100698	10.0	2.57	

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	5.723	5.739	-0.016	82	434943	10.0	8.66	
37 1,2,4-Trichlorobenzene	180	5.804	5.820	-0.016	88	415727	10.0	7.28	
* 38 Naphthalene-d8	136	5.863	5.861	0.002	95	1175931	8.00	8.00	
39 Naphthalene	128	5.887	5.890	-0.003	94	1193844	10.0	7.97	
40 4-Chloroaniline	127	5.934	5.949	-0.015	88	629232	10.0	7.80	
41 Hexachlorobutadiene	225	6.016	6.020	-0.004	89	330883	10.0	7.24	
44 4-Chloro-3-methylphenol	107	6.424	6.430	-0.006	87	958065	10.0	8.30	
45 2-Methylnaphthalene	142	6.576	6.582	-0.006	76	872657	10.0	7.75	
46 1-Methylnaphthalene	142	6.667	6.687	-0.020	82	803788	10.0	7.63	
47 Hexachlorocyclopentadiene	237	6.737	6.745	-0.008	89	334317	10.0	7.56	
48 1,2,4,5-Tetrachlorobenzene	216	6.749	6.757	-0.008	95	506939	10.0	8.47	
49 2-tertbutyl-4-methylphenol	149	6.772	6.779	-0.007	77	801807	NC	NC	
50 2,4,6-Trichlorophenol	196	6.854	6.871	-0.017	74	370759	10.0	9.66	
51 2,4,5-Trichlorophenol	196	6.889	6.906	-0.017	84	349529	10.0	9.28	
$ 52 2-Fluorobiphenyl	172	6.937	6.953	-0.016	94	1011968	10.0	8.04	
53 1,1'-Biphenyl	154	7.042	7.046	-0.004	97	1060169	10.0	8.32	
54 2-Chloronaphthalene	162	7.053	7.068	-0.015	87	819742	10.0	8.96	
55 Phenyl ether	170	7.134	7.150	-0.016	78	604742	10.0	8.88	
57 2-Nitroaniline	65	7.157	7.174	-0.017	80	629663	10.0	9.89	
58 1,3-Dimethylnaphthalene	156	7.271	7.290	-0.019	84	729349	10.0	8.59	
59 Dimethyl phthalate	163	7.342	7.361	-0.019	89	1074349	10.0	8.60	
60 Coumarin	146	7.365	7.384	-0.019	64	359622	10.0	9.33	
61 2,6-Dinitrotoluene	165	7.401	7.407	-0.006	82	289871	10.0	10.0	
62 Acenaphthylene	152	7.471	7.477	-0.006	94	1164440	10.0	8.70	
63 3-Nitroaniline	138	7.565	7.582	-0.017	82	291752	10.0	8.85	
* 64 Acenaphthene-d10	164	7.611	7.609	0.002	92	649272	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.623	7.640	-0.017	94	938692	NC	NC	
66 Acenaphthene	154	7.645	7.651	-0.006	97	1159483	10.0	10.3	
67 2,4-Dinitrophenol	184	7.668	7.686	-0.018	69	347843	20.0	20.5	
69 4-Nitrophenol	65	7.726	7.745	-0.019	79	244013	20.0	7.12	
70 2,4-Dinitrotoluene	165	7.796	7.801	-0.005	82	394797	10.0	10.1	
71 Dibenzofuran	168	7.808	7.825	-0.017	89	1180560	10.0	8.79	
72 2,3,4,6-Tetrachlorophenol	232	7.935	7.943	-0.008	87	334377	10.0	9.30	
73 Diethyl phthalate	149	8.028	8.047	-0.019	92	1327635	10.0	9.20	
74 4-Chlorophenyl phenyl ethe	204	8.145	8.151	-0.006	77	576591	10.0	9.47	
75 Fluorene	166	8.145	8.162	-0.017	91	881878	10.0	8.65	
76 4-Nitroaniline	138	8.180	8.185	-0.005	75	280103	10.0	9.58	
77 4,6-Dinitro-2-methylphenol	198	8.202	8.220	-0.018	62	471526	20.0	21.5	
78 N-Nitrosodiphenylamine	169	8.260	8.278	-0.018	68	723352	10.0	8.64	
79 1,2-Diphenylhydrazine	77	8.295	8.313	-0.018	97	1994713	10.0	8.78	
$ 80 2,4,6-Tribromophenol	330	8.389	8.406	-0.017	91	228185	10.0	9.13	
81 4-Bromophenyl phenyl ether	248	8.622	8.637	-0.015	71	371670	10.0	8.71	
82 Hexachlorobenzene	284	8.692	8.707	-0.015	86	366544	10.0	9.01	
84 Pentachlorophenol	266	8.891	8.905	-0.014	85	508027	20.0	19.1	
85 Pentachloronitrobenzene	237	8.902	8.916	-0.014	82	259595	NC	NC	
86 n-Octadecane	57	8.948	8.961	-0.013	90	1021032	10.0	9.26	
* 87 Phenanthrene-d10	188	9.064	9.080	-0.016	96	1066550	8.00	8.00	
88 Phenanthrene	178	9.098	9.110	-0.012	98	1194079	10.0	9.02	
89 Anthracene	178	9.144	9.157	-0.013	94	1250329	10.0	8.85	
90 Carbazole	167	9.296	9.307	-0.011	97	1090176	10.0	8.78	
91 Di-n-butyl phthalate	149	9.632	9.646	-0.014	98	1870175	10.0	8.71	
92 Fluoranthene	202	10.263	10.273	-0.010	96	1402498	10.0	8.93	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Benzidine	184	10.381	10.401	-0.020	97	248413	10.0	3.12	
94 Pyrene	202	10.487	10.506	-0.019	94	1358373	10.0	9.72	
95 Bisphenol-A	213	10.533	10.540	-0.007	0	274411	NC	NC	
$ 96 Terphenyl-d14	244	10.649	10.666	-0.017	98	1035563	10.0	8.39	
97 Butyl benzyl phthalate	149	11.185	11.192	-0.007	88	841092	10.0	10.1	
99 Carbamazepine	193	11.314	11.333	-0.019	87	580559	10.0	11.0	
100 3,3'-Dichlorobenzidine	252	11.829	11.849	-0.020	95	450713	10.0	9.09	
101 Benzo[a]anthracene	228	11.862	11.883	-0.021	99	1058451	10.0	9.28	
* 102 Chrysene-d12	240	11.874	11.885	-0.011	98	802610	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.896	11.905	-0.009	91	933129	10.0	10.1	
104 Chrysene	228	11.907	11.928	-0.021	98	1005086	10.0	9.89	
105 Di-n-octyl phthalate	149	12.768	12.783	-0.015	97	1660504	10.0	9.23	
106 Benzo[b]fluoranthene	252	13.303	13.320	-0.017	96	1146365	10.0	9.40	
107 Benzo[k]fluoranthene	252	13.338	13.365	-0.027	97	1004100	10.0	8.72	
108 Benzo[a]pyrene	252	13.759	13.774	-0.015	97	1008511	10.0	9.30	
* 109 Perylene-d12	264	13.839	13.843	-0.004	98	768312	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.435	15.447	-0.012	96	1020604	10.0	10.7	
111 Dibenz(a,h)anthracene	278	15.468	15.492	-0.024	96	829294	10.0	10.1	
112 Benzo[g,h,i]perylene	276	15.887	15.907	-0.020	96	924060	10.0	9.82	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

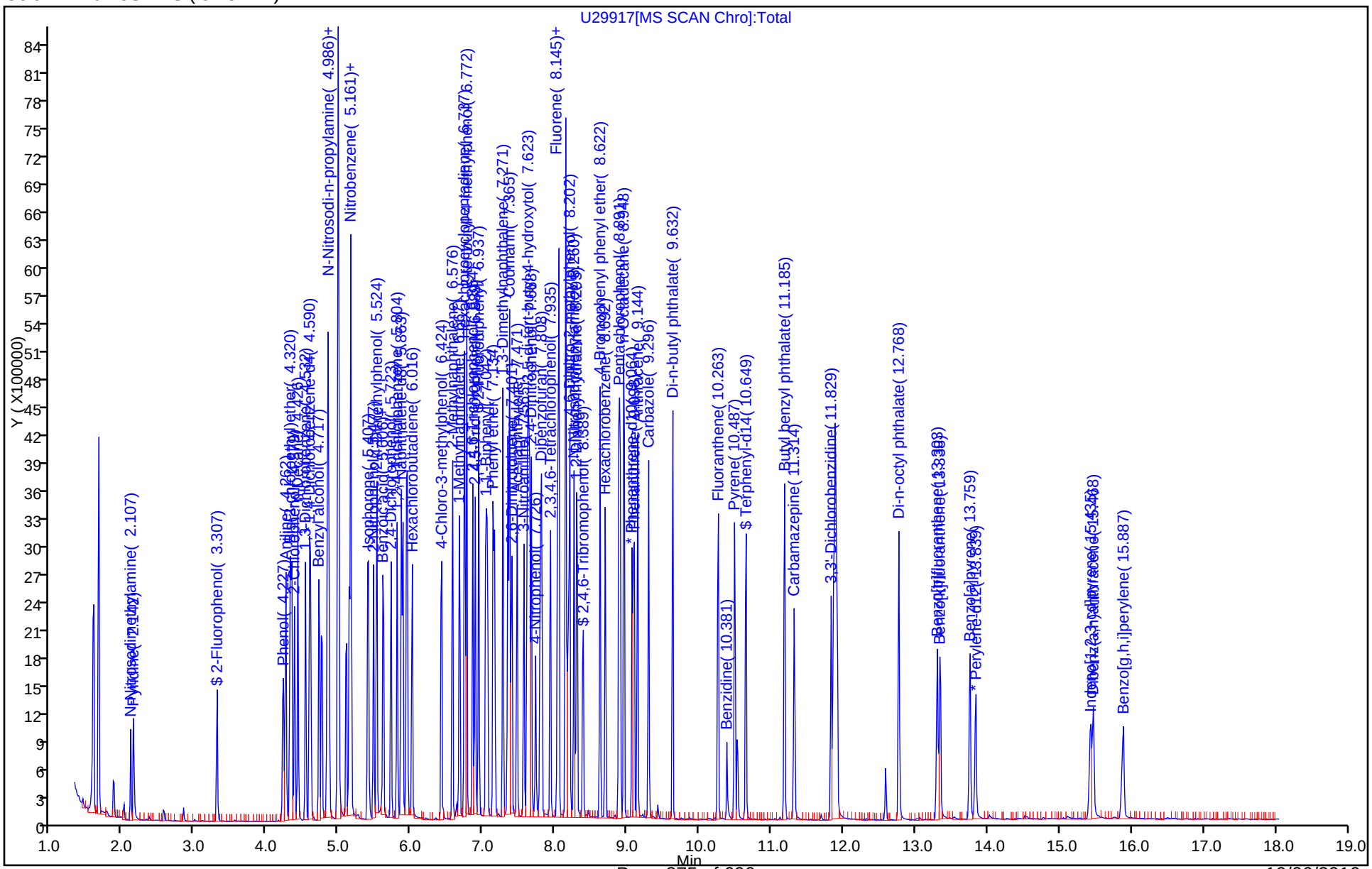
Report Date: 05-Oct-2016 14:15:41 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29917.D

Injection Date:	04-Oct-2016 02:38:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	LCSD 460-394513/3-A			Worklist Smp#:	27
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Instrument ID: CBNAMS4 Start Date: 10/03/2016 16:06

Analysis Batch Number: 394601 End Date: 10/04/2016 14:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-394601/1		10/03/2016 16:06	1	U29891.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-394601/2		10/03/2016 16:32	1	U29892.D	Rtxi-5Sil MS 0.25(mm)
STD24 460-394601/3 IC		10/03/2016 17:13	1	U29893.D	Rtxi-5Sil MS 0.25(mm)
STD16 460-394601/4 IC		10/03/2016 17:35	1	U29894.D	Rtxi-5Sil MS 0.25(mm)
STD4 460-394601/5 IC		10/03/2016 17:57	1	U29895.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-394601/6 IC		10/03/2016 18:20	1	U29896.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-394601/7 IC		10/03/2016 18:42	1	U29897.D	Rtxi-5Sil MS 0.25(mm)
STD02 460-394601/8 IC		10/03/2016 19:04	1	U29898.D	Rtxi-5Sil MS 0.25(mm)
STD01 460-394601/9 IC		10/03/2016 19:27	1	U29899.D	Rtxi-5Sil MS 0.25(mm)
STD10 460-394601/10 IC		10/03/2016 20:01	1	U29900.D	Rtxi-5Sil MS 0.25(mm)
STD24 460-394601/11 IC		10/03/2016 20:24	1	U29901.D	Rtxi-5Sil MS 0.25(mm)
STD16 460-394601/12 IC		10/03/2016 20:46	1	U29902.D	Rtxi-5Sil MS 0.25(mm)
STD4 460-394601/13 IC		10/03/2016 21:08	1	U29903.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-394601/14 IC		10/03/2016 21:30	1	U29904.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-394601/15 IC		10/03/2016 21:53	1	U29905.D	Rtxi-5Sil MS 0.25(mm)
STD02 460-394601/16 IC		10/03/2016 22:15	1	U29906.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-394601/17		10/03/2016 22:37	1	U29907.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-394601/18		10/03/2016 22:59	1	U29908.D	Rtxi-5Sil MS 0.25(mm)
MB 460-394513/1-A		10/04/2016 01:54	1	U29915.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-394513/2-A		10/04/2016 02:16	1	U29916.D	Rtxi-5Sil MS 0.25(mm)
LCSD 460-394513/3-A		10/04/2016 02:38	1	U29917.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 03:00	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 03:22	1		Rtxi-5Sil MS 0.25(mm)
460-121138-1		10/04/2016 03:44	1	U29920.D	Rtxi-5Sil MS 0.25(mm)
460-121138-2		10/04/2016 04:06	1	U29921.D	Rtxi-5Sil MS 0.25(mm)
460-121138-3		10/04/2016 04:28	1	U29922.D	Rtxi-5Sil MS 0.25(mm)
460-121138-4		10/04/2016 04:50	1	U29923.D	Rtxi-5Sil MS 0.25(mm)
460-121138-5		10/04/2016 05:12	1	U29924.D	Rtxi-5Sil MS 0.25(mm)
460-121138-6		10/04/2016 05:35	1	U29925.D	Rtxi-5Sil MS 0.25(mm)
460-121138-7		10/04/2016 05:57	1	U29926.D	Rtxi-5Sil MS 0.25(mm)
460-121138-8		10/04/2016 06:19	1	U29927.D	Rtxi-5Sil MS 0.25(mm)
460-121138-9		10/04/2016 06:41	1	U29928.D	Rtxi-5Sil MS 0.25(mm)
460-121138-10		10/04/2016 07:03	1	U29929.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 07:25	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 07:48	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 08:10	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 08:32	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 08:54	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 09:16	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 09:38	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Instrument ID: CBNAMS4 Start Date: 10/03/2016 16:06

Analysis Batch Number: 394601 End Date: 10/04/2016 14:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/04/2016 10:01	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 10:23	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 10:45	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 11:07	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 11:52	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 12:14	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 12:36	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 12:58	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 13:21	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 13:43	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 14:05	5		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Batch Number: 394513 Batch Start Date: 10/03/16 10:30 Batch Analyst: Barthelus, Guyrlande R

Batch Method: 625 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH	SecondAdjustpH	OP_BNA SPIK 00021
MB 460-394513/1		625, 625		250 mL	2 mL	7 SU	<2 SU	>12 SU	
LCS 460-394513/2		625, 625		250 mL	2 mL	7 SU	<2 SU	>12 SU	200 uL
LCSD 460-394513/3		625, 625		250 mL	2 mL	7 SU	<2 SU	>12 SU	200 uL
460-121138-D-1	MW-15	625, 625	T	240 mL	2 mL	5 SU	<2 SU	>12 SU	
460-121138-E-2	MW-10	625, 625	T	240 mL	2 mL	6 SU	<2 SU	>12 SU	
460-121138-G-3	MW-15D	625, 625	T	250 mL	2 mL	6 SU	<2 SU	>12 SU	
460-121138-G-4	MW-21	625, 625	T	240 mL	2 mL	7 SU	<2 SU	>12 SU	
460-121138-G-5	MW-20	625, 625	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
460-121138-F-6	MW-6	625, 625	T	250 mL	2 mL	5 SU	<2 SU	>12 SU	
460-121138-G-7	MW-6 Filtered	625, 625	T	245 mL	2 mL	5 SU	<2 SU	>12 SU	
460-121138-D-8	MW-3D	625, 625	T	240 mL	2 mL	5 SU	<2 SU	>12 SU	
460-121138-G-9	FB-20160928	625, 625	T	250 mL	2 mL	5 SU	<2 SU	>12 SU	
460-121138-E-10	DUP-20160928	625, 625	T	240 mL	2 mL	5 SU	<2 SU	>12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_BNASurroga 00010					
MB 460-394513/1		625, 625		200 uL					
LCS 460-394513/2		625, 625		200 uL					
LCSD 460-394513/3		625, 625		200 uL					
460-121138-D-1	MW-15	625, 625	T	200 uL					
460-121138-E-2	MW-10	625, 625	T	200 uL					
460-121138-G-3	MW-15D	625, 625	T	200 uL					
460-121138-G-4	MW-21	625, 625	T	200 uL					
460-121138-G-5	MW-20	625, 625	T	200 uL					
460-121138-F-6	MW-6	625, 625	T	200 uL					
460-121138-G-7	MW-6 Filtered	625, 625	T	200 uL					
460-121138-D-8	MW-3D	625, 625	T	200 uL					
460-121138-G-9	FB-20160928	625, 625	T	200 uL					
460-121138-E-10	DUP-20160928	625, 625	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.: 460-121138-1

SDG No.:

Batch Number: 394513 Batch Start Date: 10/03/16 10:30 Batch Analyst: Barthelus, Guyrlande R

Batch Method: 625 Batch End Date:

Batch Notes	
Acid used for pH adjustment	H2SO4
Acid Used for pH Adjustment ID	143508
Base used for pH adjustment	NaOH
Base Used to Adjust pH ID	OP1873
Batch Comment	625_Prep_LVI
Analyst ID - Concentration	GB
N-evap ID	222299
N-evap Temperature	35 Degrees C
Na2SO4 ID	144042
Prep Solvent ID	151768
Prep Solvent Name	MECL2
Prep Solvent Volume Used	120 mL
Person's name who did the prep	GB
Analyst ID - Reagent Drop Witness	GB
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.

8082A

Polychlorinated Biphenyls (PCBs) by Gas Chromatography

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

Client Sample ID	Lab Sample ID	DCBP1 #	DCBP2 #
MW-15	460-121138-1	104	100
MW-10	460-121138-2	103	103
MW-15D	460-121138-3	92	92
MW-21	460-121138-4	115	105
MW-20	460-121138-5	100	92
MW-6	460-121138-6	93	90
MW-6 Filtered	460-121138-7	100	99
MW-3D	460-121138-8	97	94
FB-20160928	460-121138-9	100	89
DUP-20160928	460-121138-10	121	110
	MB 460-394112/1-A	130	134
	LCS 460-394112/2-A	134	128
	LCSD 460-394112/3-A	147	131

	QC LIMITS
DCBP = 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.: 460-121138-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 9F244474.D

Lab ID: LCS 460-394112/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	4.00	3.58	90	77-150	
Aroclor 1016	4.00	4.24	106	77-150	
Aroclor 1260	4.00	4.76	119	80-150	
Aroclor 1260	4.00	4.64	116	80-150	

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.: 460-121138-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 9F244475.D

Lab ID: LCSD 460-394112/3-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	3.59	90	0	30	77-150	
Aroclor 1016	4.00	4.38	109	3	30	77-150	
Aroclor 1260	4.00	4.89	122	5	30	80-150	
Aroclor 1260	4.00	5.14	128	8	30	80-150	

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.: 460-121138-1

SDG No.:

Lab Sample ID: MB 460-394112/1-A

Matrix: Water Date Extracted: 09/30/2016 20:30

Lab File ID:(1) 9F244473.D Lab File ID:(2) 9F244473.D

Date Analyzed:(1) 10/04/2016 13:37 Date Analyzed:(2) 10/04/2016 13:37

Instrument ID:(1) CPESTGC9 Instrument ID:(2) CPESTGC9

GC Column:(1) Rtx-CLP 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 460-394112/2-A	10/04/2016 13:54	10/04/2016 13:54
	LCSD 460-394112/3-A	10/04/2016 14:11	10/04/2016 14:11
MW-15	460-121138-1	10/04/2016 15:40	10/04/2016 15:40
MW-10	460-121138-2	10/04/2016 15:57	10/04/2016 15:57
MW-15D	460-121138-3	10/04/2016 16:14	10/04/2016 16:14
MW-21	460-121138-4	10/04/2016 16:30	10/04/2016 16:30
MW-20	460-121138-5	10/04/2016 16:47	10/04/2016 16:47
MW-6	460-121138-6	10/04/2016 17:04	10/04/2016 17:04
MW-6 Filtered	460-121138-7	10/04/2016 17:21	10/04/2016 17:21
MW-3D	460-121138-8	10/04/2016 17:38	10/04/2016 17:38
FB-20160928	460-121138-9	10/04/2016 17:55	10/04/2016 17:55
DUP-20160928	460-121138-10	10/04/2016 18:12	10/04/2016 18:12

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Sample No.: CCVIS 460-394713/18 Date Analyzed: 10/04/2016 13:07

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 9F244472.D Heated Purge: (Y/N) N

Calibration ID: 58003

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1745327	1.95				
UPPER LIMIT		3490654	2.02				
LOWER LIMIT		872664	1.88				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-394112/1-A		1342465	1.95				
LCS 460-394112/2-A		1546938	1.94				
LCSD 460-394112/3-A		1514481	1.95				
460-121138-1	MW-15	1634416	1.95				
460-121138-2	MW-10	1630870	1.95				
460-121138-3	MW-15D	1610318	1.95				
460-121138-4	MW-21	1693286	1.94				
460-121138-5	MW-20	1675101	1.95				
460-121138-6	MW-6	1727058	1.95				
460-121138-7	MW-6 Filtered	1610414	1.95				
460-121138-8	MW-3D	1679151	1.95				
460-121138-9	FB-20160928	1544760	1.94				
460-121138-10	DUP-20160928	1516549	1.95				

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.: 460-121138-1

SDG No.:

Sample No.: CCVIS 460-394713/18 Date Analyzed: 10/04/2016 13:07

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 9F244472.D Heated Purge: (Y/N) N

Calibration ID: 58004

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		3129625	1.63				
UPPER LIMIT		6259250	1.70				
LOWER LIMIT		1564813	1.56				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-394112/1-A		2846281	1.63				
LCS 460-394112/2-A		3027190	1.63				
LCSD 460-394112/3-A		2773434	1.63				
460-121138-1	MW-15	3327339	1.63				
460-121138-2	MW-10	3444218	1.63				
460-121138-3	MW-15D	3337656	1.63				
460-121138-4	MW-21	3156762	1.63				
460-121138-5	MW-20	3121953	1.63				
460-121138-6	MW-6	3388095	1.63				
460-121138-7	MW-6 Filtered	3188019	1.63				
460-121138-8	MW-3D	3315098	1.63				
460-121138-9	FB-20160928	2786157	1.63				
460-121138-10	DUP-20160928	2770959	1.63				

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.: 460-121138-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-394112/2-A

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 10/04/2016 13:54 Date Analyzed (2): 10/04/2016 13:54

GC Column (1): Rtx-CLP 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	2.78	2.71	2.85	4.41	4.24	16.7
		2	3.18	3.12	3.26	4.88		
		3	3.42	3.35	3.49	4.59		
		4	3.73	3.66	3.80	4.45		
		5	3.88	3.82	3.96	4.36		
		6	3.95	3.89	4.03	4.09		
		7	4.37	4.31	4.45	3.83		
		8	4.83	4.76	4.90	3.26		
	2	1	3.67	3.64	3.70	4.21	3.58	
		2	4.21	4.14	4.28	3.18		
		3	4.79	4.73	4.87	3.34		
		4	4.97	4.90	5.04	3.65		
		5	5.23	5.16	5.30	3.52		
		6	5.28	5.22	5.36	3.53		
		7	5.57	5.51	5.65	3.67		
		8	5.74	5.67	5.81	3.55		
Aroclor 1260	1	1	5.86	5.80	5.94	3.84	4.64	2.7
		2	6.66	6.60	6.74	3.94		
		3	6.85	6.79	6.93	4.67		
		4	7.25	7.19	7.33	4.58		
		5	7.82	7.75	7.89	4.71		
		6	8.35	8.29	8.43	4.55		
		7	8.52	8.46	8.60	5.40		
		8	9.64	9.57	9.71	5.42		
	2	1	7.28	7.25	7.31	4.61	4.76	
		2	7.57	7.50	7.64	4.25		
		3	7.97	7.91	8.05	4.33		
		4	8.90	8.84	8.98	5.02		
		5	9.53	9.47	9.61	5.09		
		6	9.93	9.86	10.00	4.71		
		7	10.37	10.31	10.45	4.91		
		8	10.95	10.87	11.01	5.20		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-394112/3-A

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 10/04/2016 14:11 Date Analyzed (2): 10/04/2016 14:11

GC Column (1): Rtx-CLP 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	2.78	2.71	2.85	4.53	4.38	19.8
		2	3.19	3.12	3.26	5.29		
		3	3.42	3.35	3.49	4.71		
		4	3.73	3.66	3.80	4.48		
		5	3.89	3.82	3.96	4.14		
		6	3.96	3.89	4.03	4.05		
		7	4.38	4.31	4.45	4.19		
		8	4.83	4.76	4.90	3.61		
	2	1	3.67	3.64	3.70	4.09	3.59	
		2	4.21	4.14	4.28	3.15		
		3	4.79	4.73	4.87	3.35		
		4	4.97	4.90	5.04	3.64		
		5	5.23	5.16	5.30	3.56		
		6	5.28	5.22	5.36	3.59		
		7	5.58	5.51	5.65	3.75		
		8	5.74	5.67	5.81	3.58		
Aroclor 1260	1	1	5.87	5.80	5.94	4.35	5.14	4.8
		2	6.67	6.60	6.74	4.41		
		3	6.86	6.79	6.93	5.22		
		4	7.26	7.19	7.33	5.08		
		5	7.82	7.75	7.89	5.22		
		6	8.35	8.29	8.43	4.93		
		7	8.53	8.46	8.60	5.84		
		8	9.64	9.57	9.71	6.04		
	2	1	7.28	7.25	7.31	4.74	4.89	
		2	7.57	7.50	7.64	4.36		
		3	7.98	7.91	8.05	4.42		
		4	8.90	8.84	8.98	5.10		
		5	9.53	9.47	9.61	5.08		
		6	9.93	9.86	10.00	4.97		
		7	10.37	10.31	10.45	5.01		
		8	10.94	10.87	11.01	5.48		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-15 | Lab Sample ID: 460-121138-1

Matrix: Water | Lab File ID: 9F244480.D

Analysis Method: 8082A | Date Collected: 09/28/2016 10:00

Extraction Method: 3510C | Date Extracted: 09/30/2016 20:30

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 15:40

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.: 394713 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244480.D
Lims ID: 460-121138-F-1-A
Client ID: MW-15
Sample Type: Client
Inject. Date: 04-Oct-2016 15:40:13 ALS Bottle#: 26 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046402-026
Operator ID: Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 04-Oct-2016 16:14:11 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK047

First Level Reviewer: patelji Date: 04-Oct-2016 16:13:44

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.954	1.946	0.008	1634416	20.0	
2	1.630	1.629	0.001	3327339	20.0	M
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						M
1	11.448	11.424	0.024	7535542	100.3	M
2	10.260	10.254	0.006	13494337	104.2	
					RPD = 3.76	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

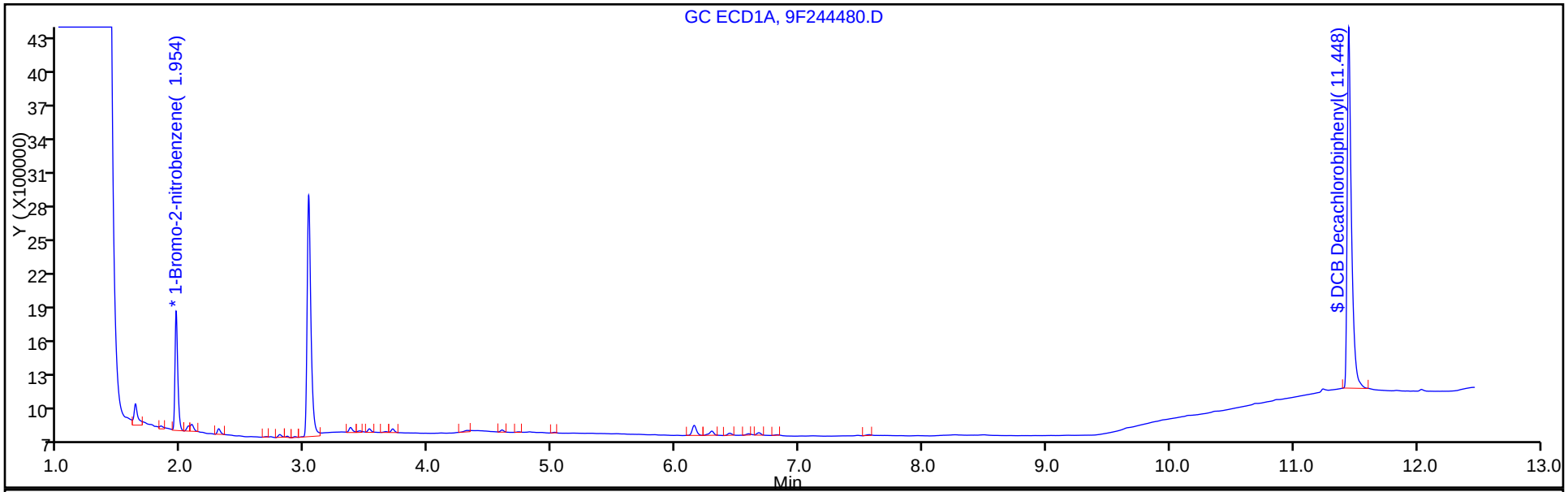
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

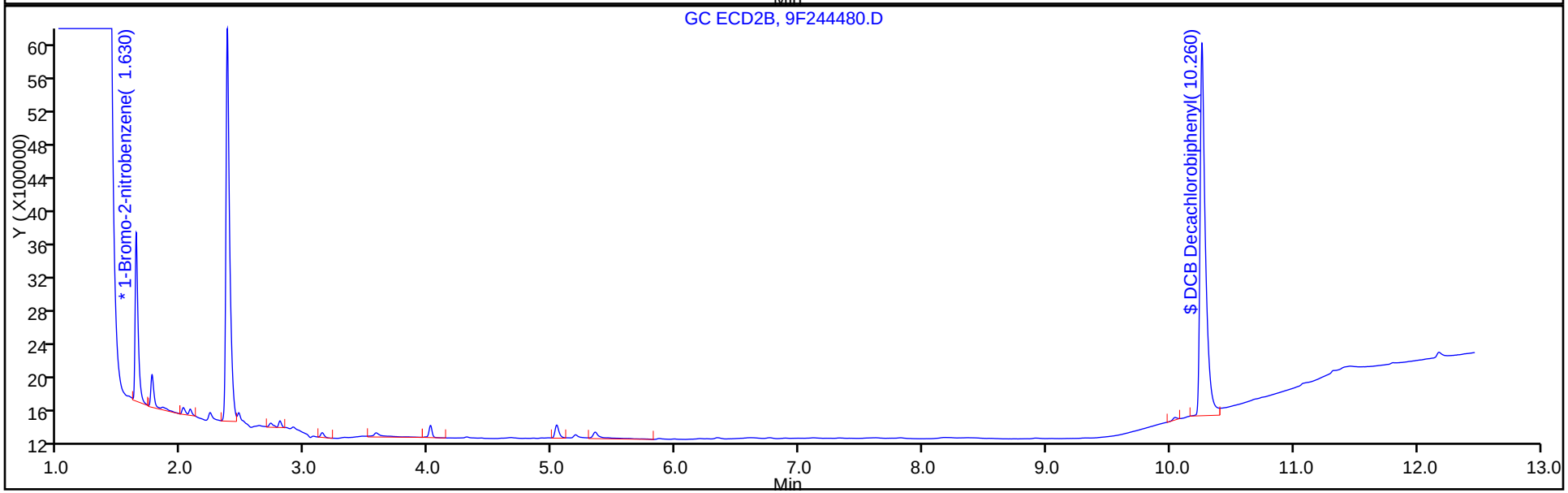
Report Date: 04-Oct-2016 16:14:32 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244480.D

Injection Date:	04-Oct-2016 15:40:13	Instrument ID:	CPESTGC9	Operator ID:	
Lims ID:	460-121138-F-1-A	Lab Sample ID:	460-121138-1	Worklist Smp#:	26
Client ID:	MW-15				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

TestAmerica Edison

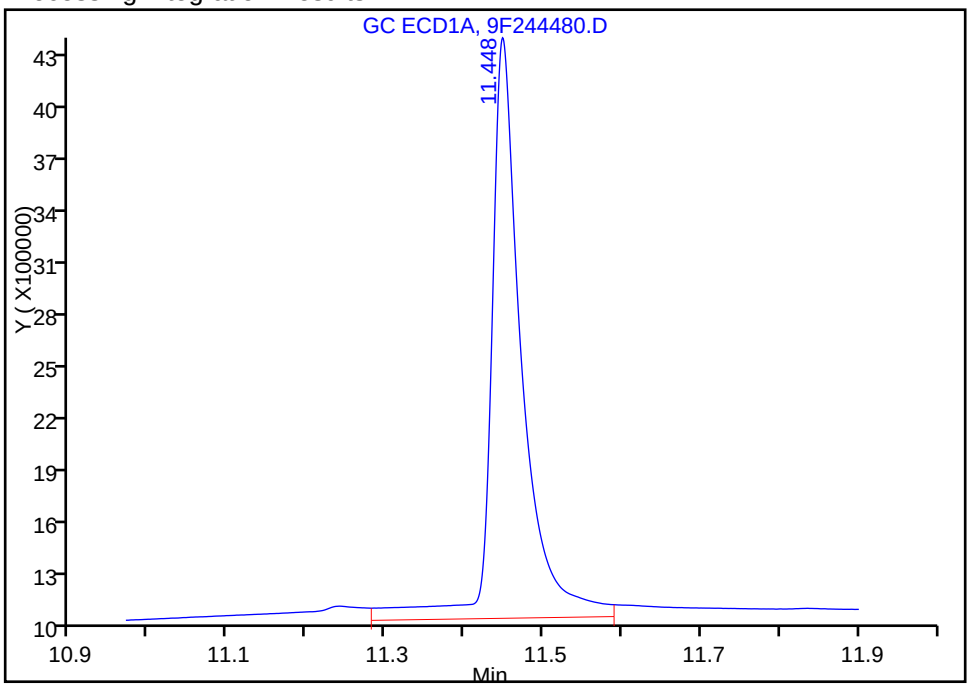
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244480.D				
Injection Date:	04-Oct-2016 15:40:13	Instrument ID:	CPESTGC9		
Lims ID:	460-121138-F-1-A	Lab Sample ID:	460-121138-1		
Client ID:	MW-15				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

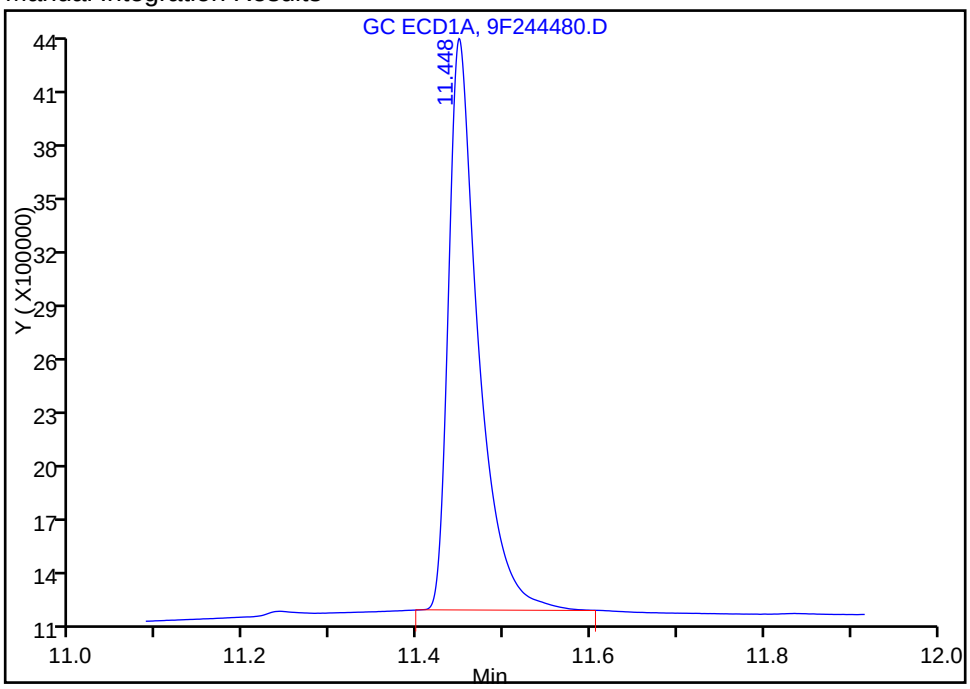
Processing Integration Results

RT: 11.45
Area: 8844647
Amount: 117.7516
Amount Units: ug/l



Manual Integration Results

RT: 11.45
Area: 7535542
Amount: 100.3231
Amount Units: ug/l



Reviewer: patelji, 04-Oct-2016 16:13:44

Audit Action: Manually Integrated Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-15 | Lab Sample ID: 460-121138-1

Matrix: Water | Lab File ID: 9F244480.D

Analysis Method: 8082A | Date Collected: 09/28/2016 10:00

Extraction Method: 3510C | Date Extracted: 09/30/2016 20:30

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 15:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394713 | 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	104		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244480.D
Lims ID: 460-121138-F-1-A
Client ID: MW-15
Sample Type: Client
Inject. Date: 04-Oct-2016 15:40:13 ALS Bottle#: 26 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046402-026
Operator ID: Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 04-Oct-2016 16:14:11 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK047

First Level Reviewer: patelji Date: 04-Oct-2016 16:13:44

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.954	1.946	0.008	1634416	20.0	
2	1.630	1.629	0.001	3327339	20.0	M
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						M
1	11.448	11.424	0.024	7535542	100.3	M
2	10.260	10.254	0.006	13494337	104.2	
					RPD = 3.76	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

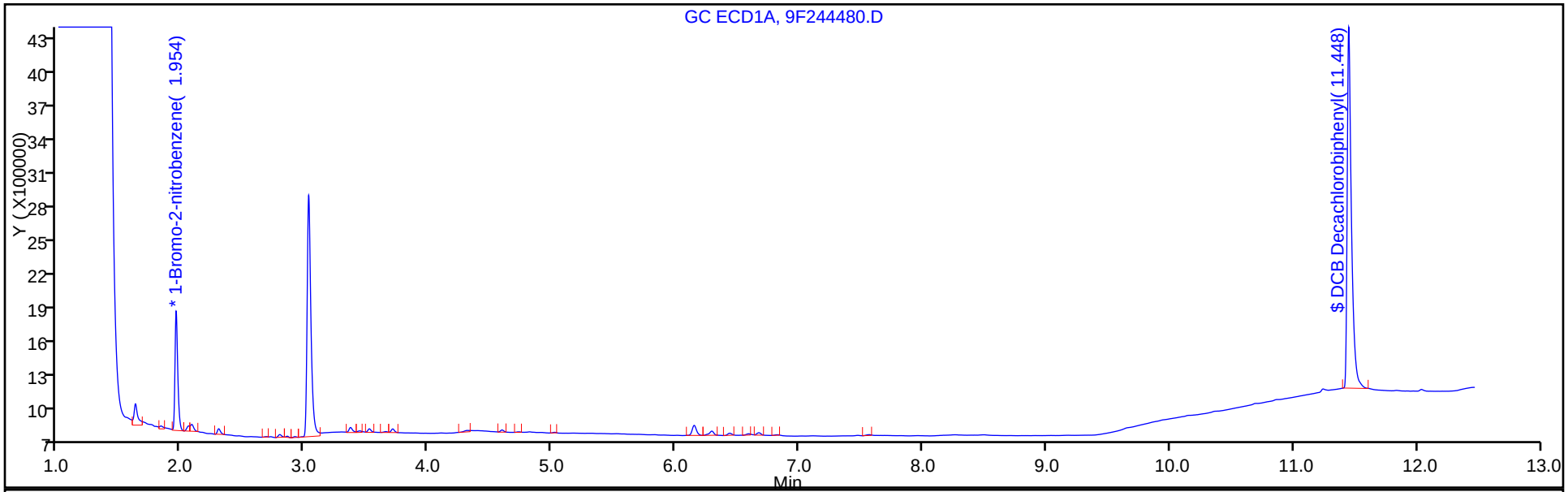
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

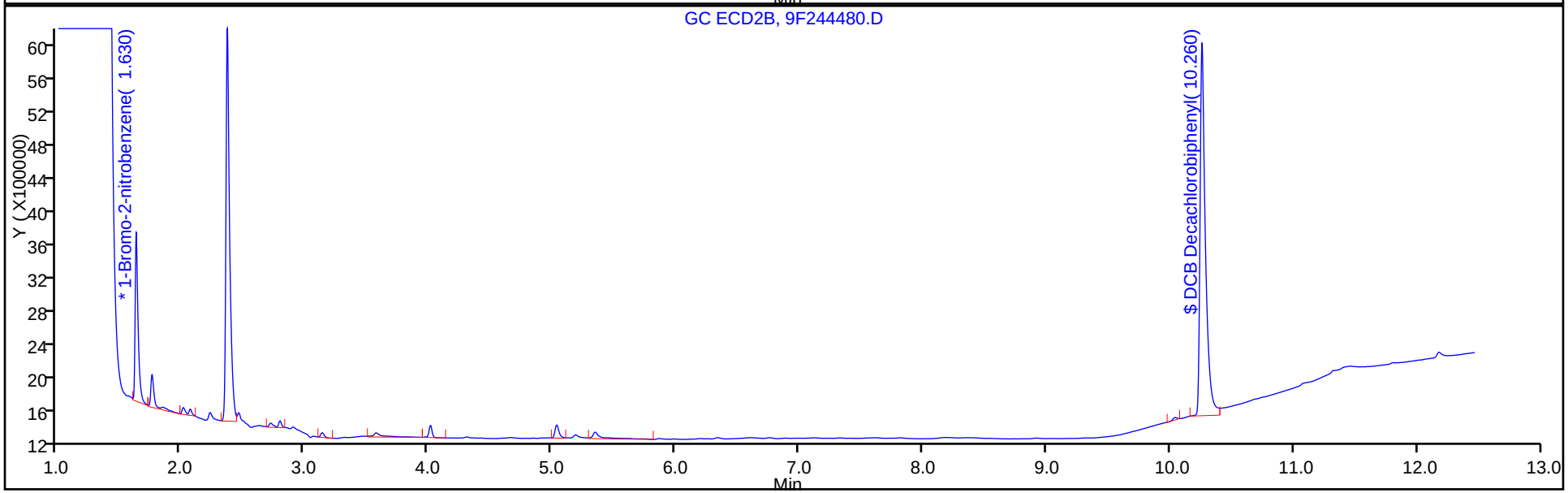
Report Date: 04-Oct-2016 16:14:32 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244480.D

Injection Date:	04-Oct-2016 15:40:13	Instrument ID:	CPESTGC9	Operator ID:	
Lims ID:	460-121138-F-1-A	Lab Sample ID:	460-121138-1	Worklist Smp#:	26
Client ID:	MW-15				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

TestAmerica Edison

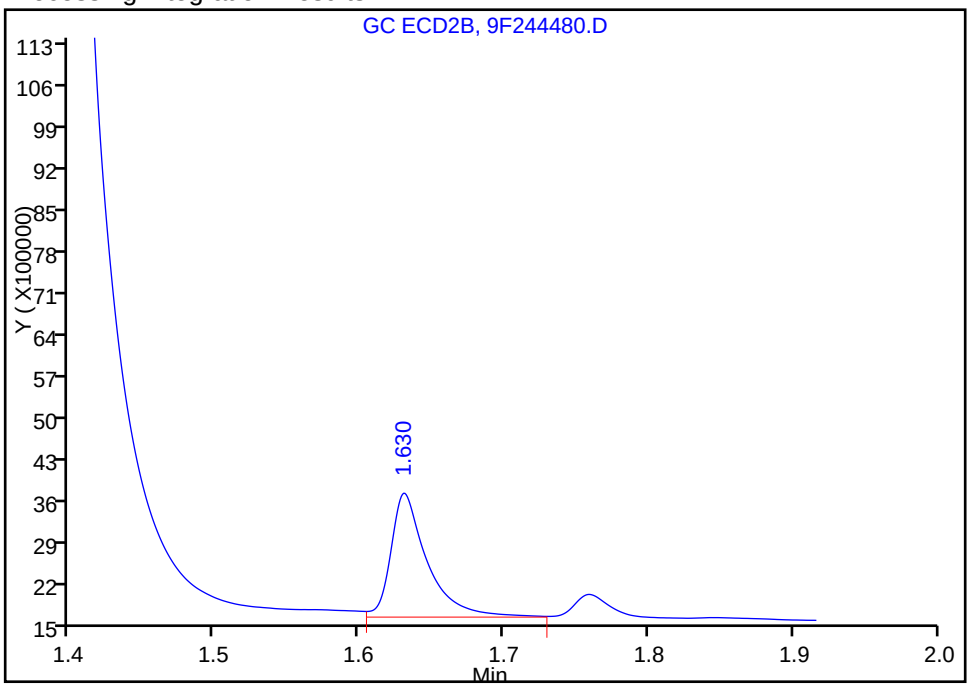
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244480.D		
Injection Date:	04-Oct-2016 15:40:13	Instrument ID:	CPESTGC9
Lims ID:	460-121138-F-1-A	Lab Sample ID:	460-121138-1
Client ID:	MW-15		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD2B

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

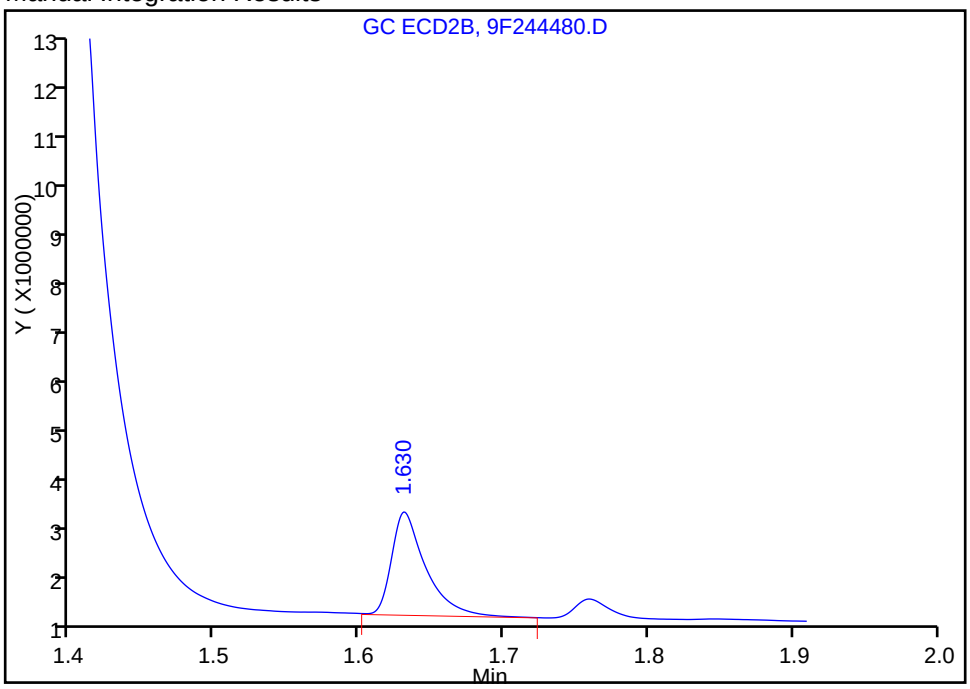
Processing Integration Results

RT: 1.63
Area: 3647188
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.63
Area: 3327339
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 04-Oct-2016 16:13:44

Audit Action: Manually Integrated Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-10 | Lab Sample ID: 460-121138-2

Matrix: Water | Lab File ID: 9F244481.D

Analysis Method: 8082A | Date Collected: 09/28/2016 10:45

Extraction Method: 3510C | Date Extracted: 09/30/2016 20:30

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 15:57

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.: 394713 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244481.D
Lims ID: 460-121138-G-2-A
Client ID: MW-10
Sample Type: Client
Inject. Date: 04-Oct-2016 15:57:12 ALS Bottle#: 27 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046402-027
Operator ID: Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 04-Oct-2016 16:14:11 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK047

First Level Reviewer: patelji Date: 04-Oct-2016 16:13:24

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.946	1.946	0.000	1630870	20.0	
2	1.629	1.629	0.000	3444218	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						M
1	11.435	11.424	0.011	7696660	102.7	M
2	10.255	10.254	0.001	13861238	103.4	
					RPD = 0.66	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

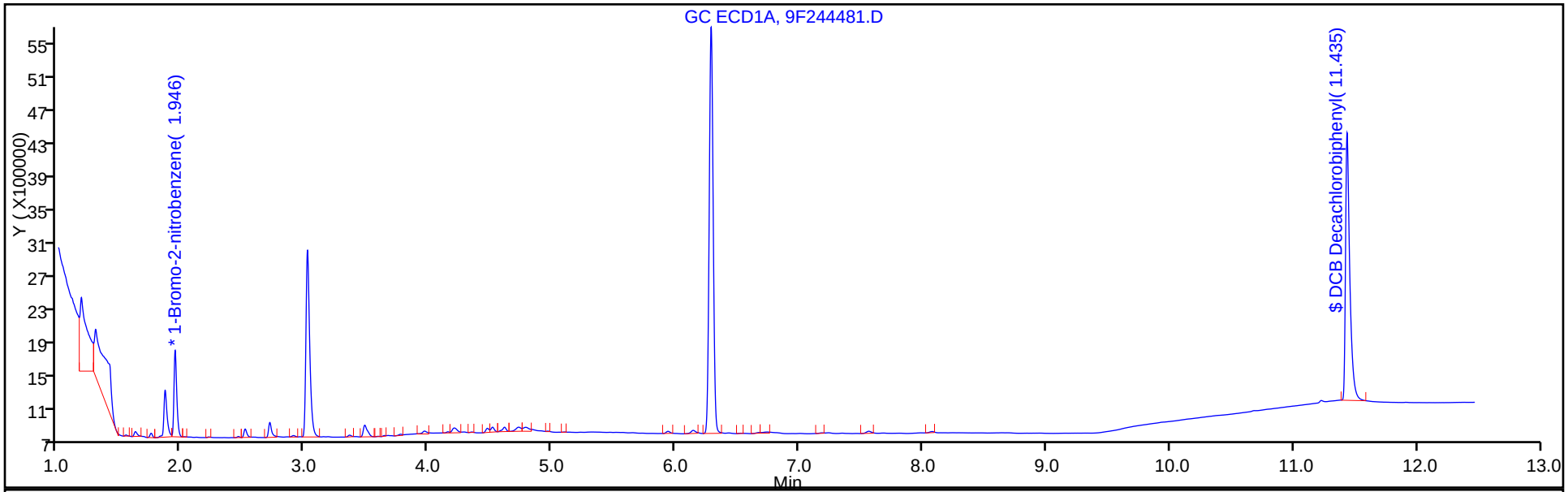
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

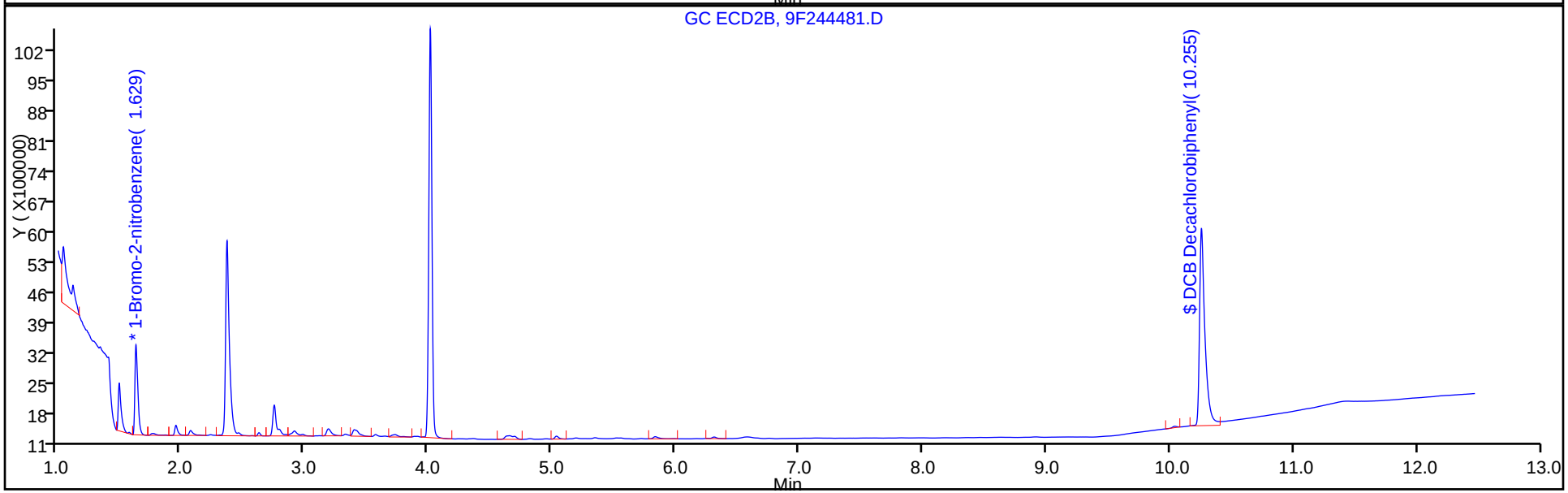
Report Date: 04-Oct-2016 16:14:33 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244481.D

Injection Date:	04-Oct-2016 15:57:12	Instrument ID:	CPESTGC9	Operator ID:	
Lims ID:	460-121138-G-2-A	Lab Sample ID:	460-121138-2	Worklist Smp#:	27
Client ID:	MW-10				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

TestAmerica Edison

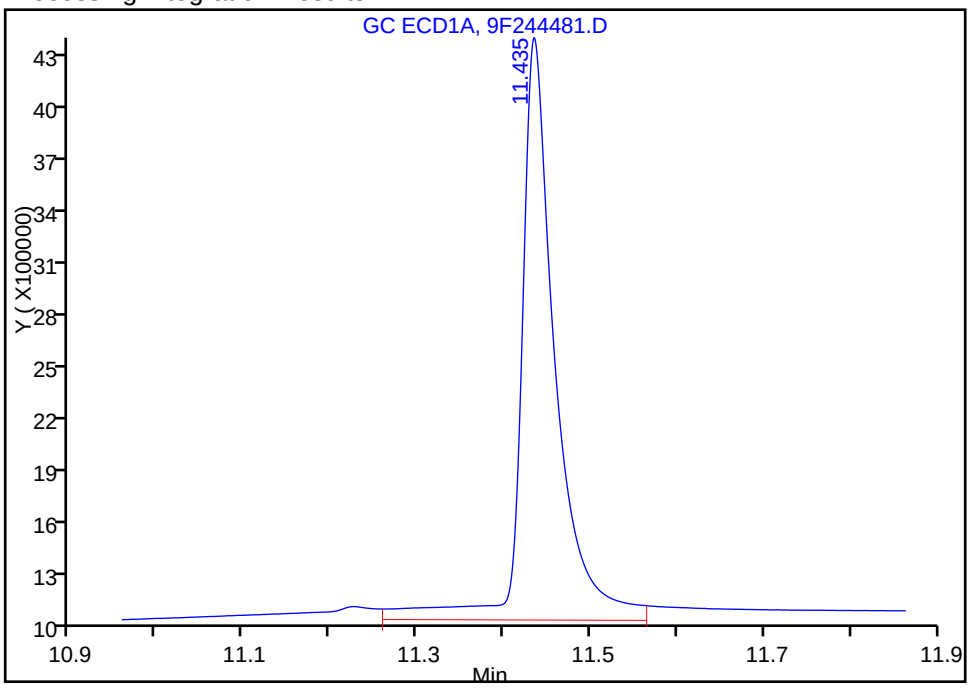
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244481.D		
Injection Date:	04-Oct-2016 15:57:12	Instrument ID:	CPESTGC9
Lims ID:	460-121138-G-2-A	Lab Sample ID:	460-121138-2
Client ID:	MW-10		
Operator ID:		ALS Bottle#:	27 Worklist Smp#: 27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD1A

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

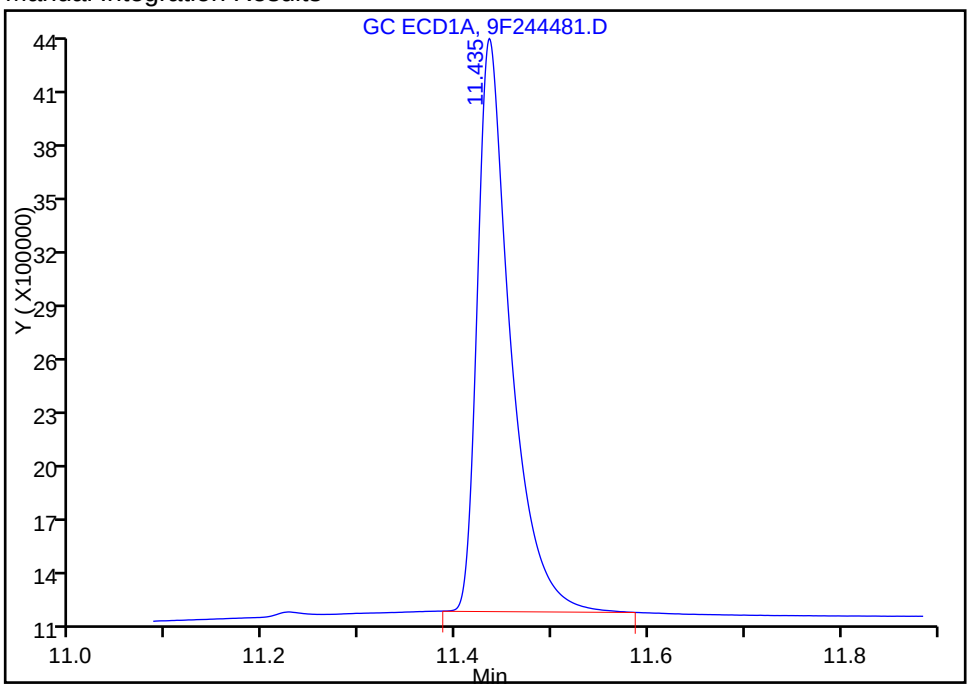
Processing Integration Results

RT: 11.43
Area: 9046711
Amount: 120.7036
Amount Units: ug/l



Manual Integration Results

RT: 11.43
Area: 7696660
Amount: 102.6909
Amount Units: ug/l



Reviewer: patelji, 04-Oct-2016 16:13:24

Audit Action: Manually Integrated Audit Reason: Column bleed

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-10 | Lab Sample ID: 460-121138-2

Matrix: Water | Lab File ID: 9F244481.D

Analysis Method: 8082A | Date Collected: 09/28/2016 10:45

Extraction Method: 3510C | Date Extracted: 09/30/2016 20:30

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 15:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394713 | 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	103		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244481.D
Lims ID: 460-121138-G-2-A
Client ID: MW-10
Sample Type: Client
Inject. Date: 04-Oct-2016 15:57:12 ALS Bottle#: 27 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046402-027
Operator ID: Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 04-Oct-2016 16:14:11 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK047

First Level Reviewer: patelji Date: 04-Oct-2016 16:13:24

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.946	1.946	0.000	1630870	20.0	
2	1.629	1.629	0.000	3444218	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						M
1	11.435	11.424	0.011	7696660	102.7	M
2	10.255	10.254	0.001	13861238	103.4	
					RPD = 0.66	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

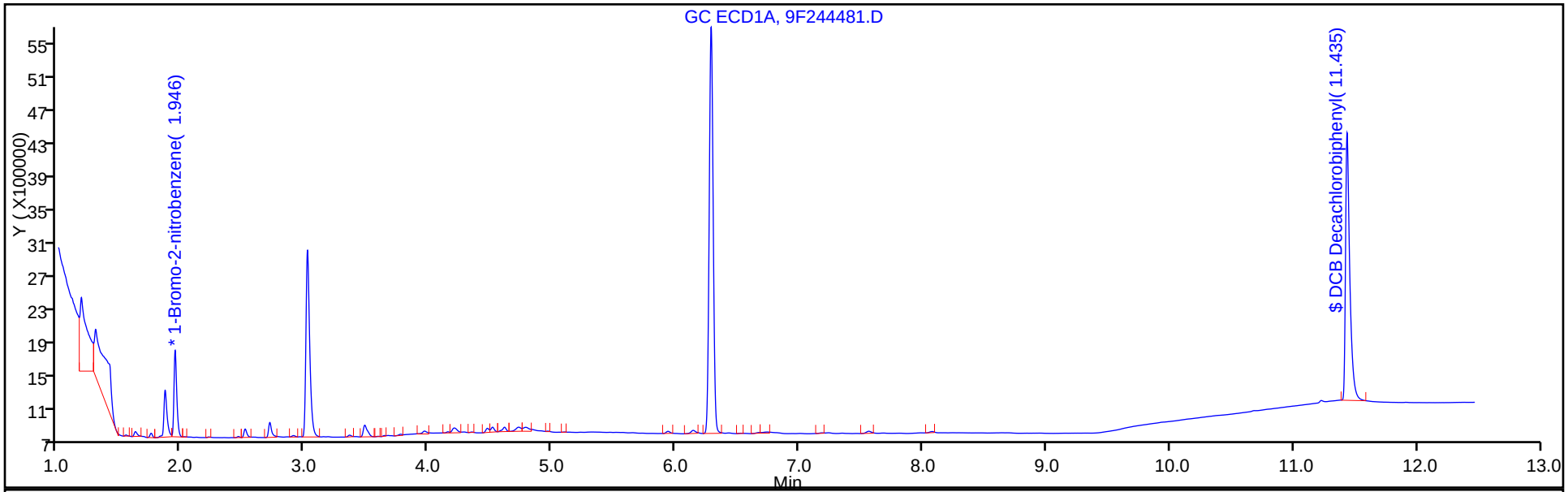
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

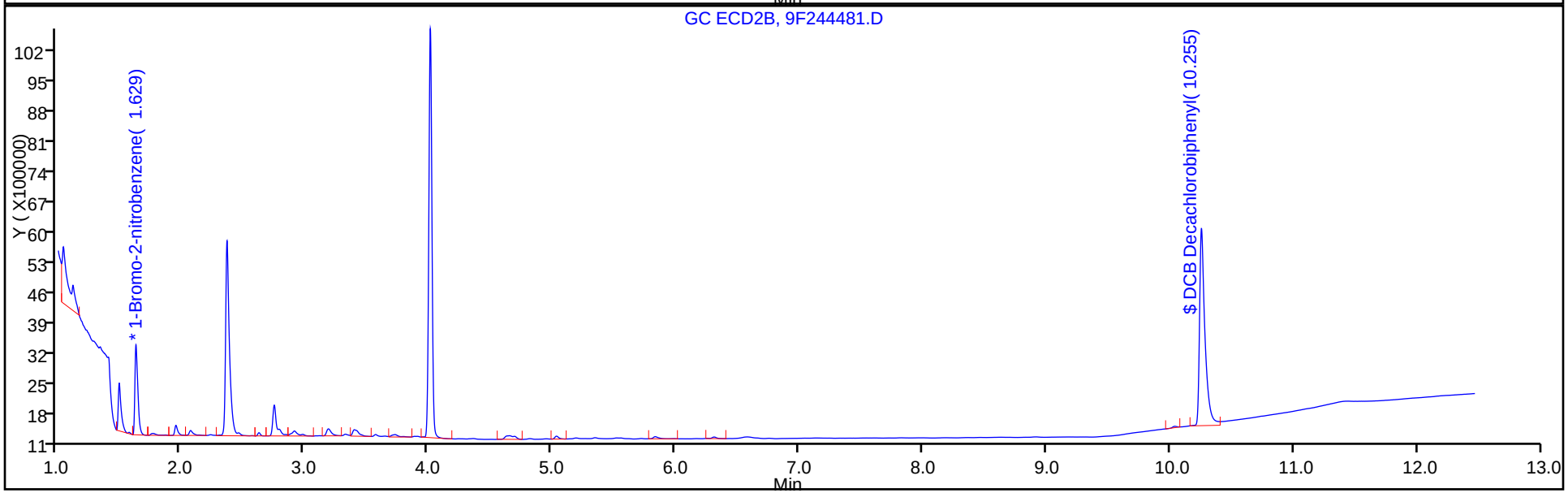
Report Date: 04-Oct-2016 16:14:33 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244481.D

Injection Date:	04-Oct-2016 15:57:12	Instrument ID:	CPESTGC9	Operator ID:	
Lims ID:	460-121138-G-2-A	Lab Sample ID:	460-121138-2	Worklist Smp#:	27
Client ID:	MW-10				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-15D Lab Sample ID: 460-121138-3

Matrix: Water Lab File ID: 9F244482.D

Analysis Method: 8082A Date Collected: 09/28/2016 11:30

Extraction Method: 3510C Date Extracted: 09/30/2016 20:30

Sample wt/vol: 250(mL) Date Analyzed: 10/04/2016 16:14

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.: 394713 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	92		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244482.D
Lims ID: 460-121138-E-3-A
Client ID: MW-15D
Sample Type: Client
Inject. Date: 04-Oct-2016 16:14:01 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046402-028
Operator ID: Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 07:29:18 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: kapoors Date: 05-Oct-2016 07:09:09

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.946	1.946	0.000	1610318	20.0	M
2	1.629	1.629	0.000	3337656	20.0	M
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						M
1	11.430	11.424	0.006	6776479	91.6	M
2	10.255	10.254	0.001	11936628	91.9	M
					RPD = 0.32	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

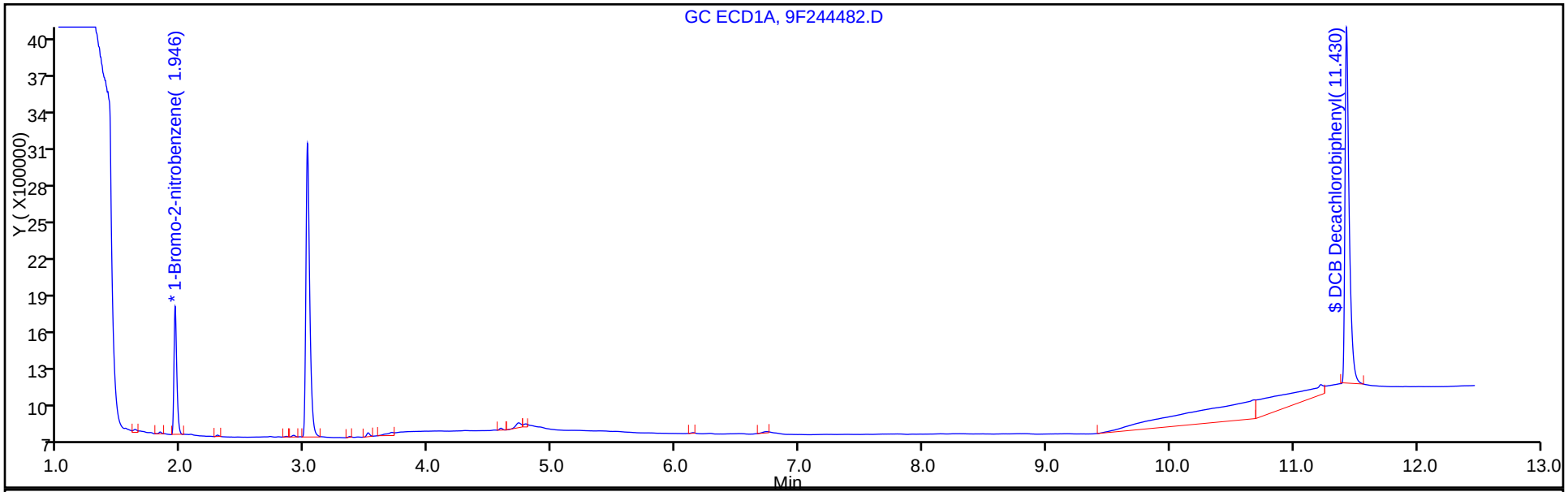
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

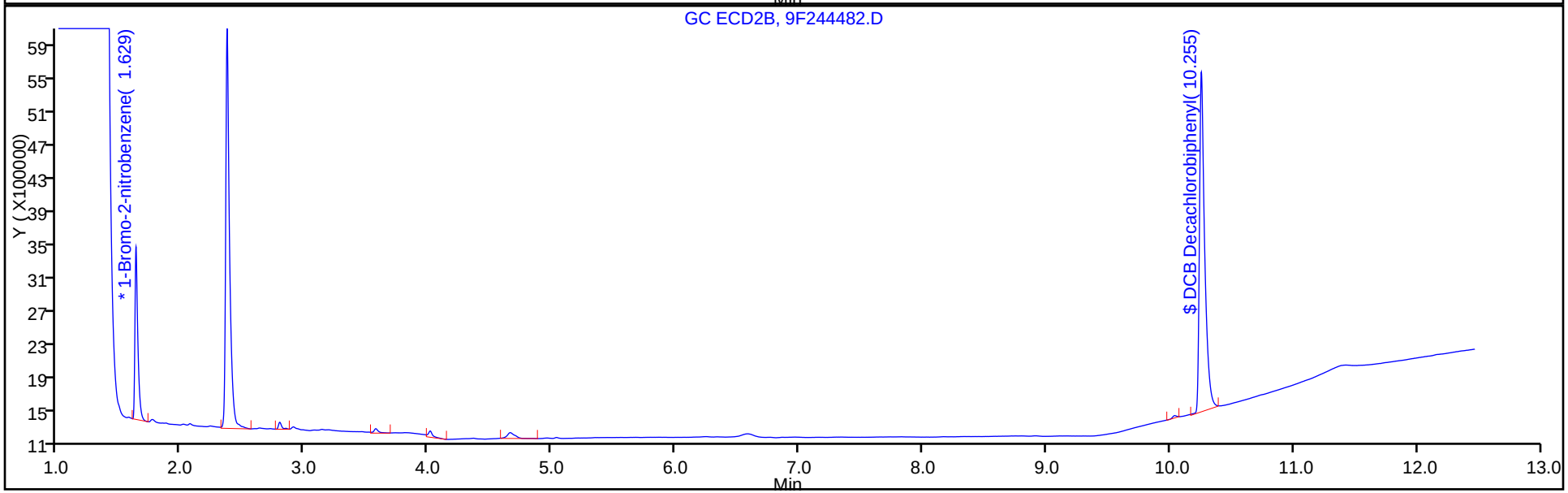
Report Date: 05-Oct-2016 10:37:25 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244482.D

Injection Date:	04-Oct-2016 16:14:01	Instrument ID:	CPESTGC9	Operator ID:	
Lims ID:	460-121138-E-3-A	Lab Sample ID:	460-121138-3	Worklist Smp#:	28
Client ID:	MW-15D				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

TestAmerica Edison

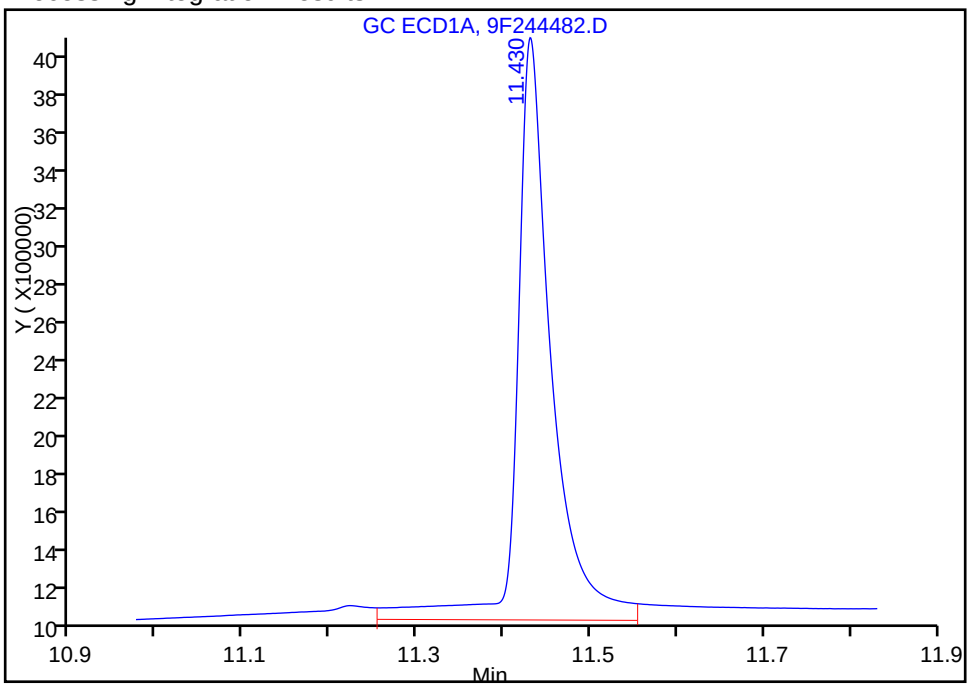
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244482.D				
Injection Date:	04-Oct-2016 16:14:01	Instrument ID:	CPESTGC9		
Lims ID:	460-121138-E-3-A	Lab Sample ID:	460-121138-3		
Client ID:	MW-15D				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

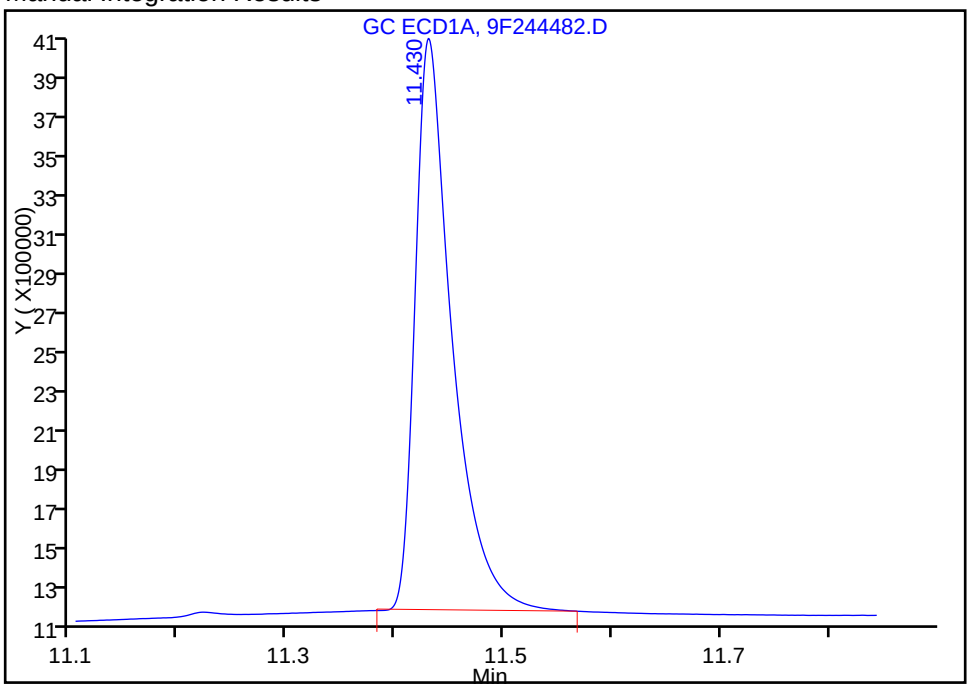
Processing Integration Results

RT: 11.43
Area: 8164751
Amount: 109.5091
Amount Units: ug/l



Manual Integration Results

RT: 11.43
Area: 6776479
Amount: 91.567523
Amount Units: ug/l



Reviewer: kapoors, 05-Oct-2016 07:09:09

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

TestAmerica Edison

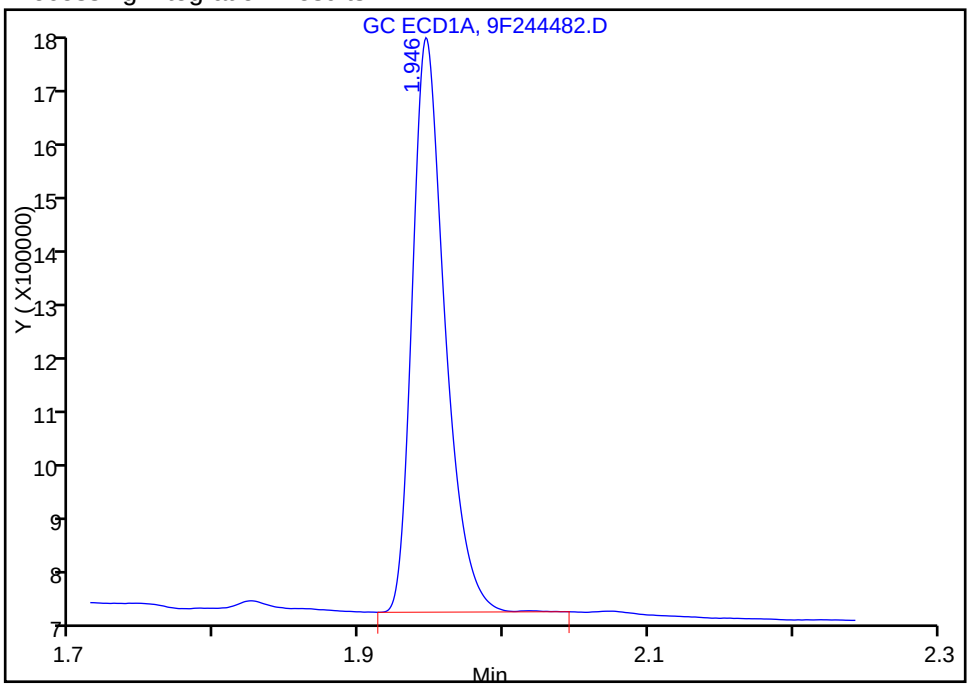
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244482.D		
Injection Date:	04-Oct-2016 16:14:01	Instrument ID:	CPESTGC9
Lims ID:	460-121138-E-3-A	Lab Sample ID:	460-121138-3
Client ID:	MW-15D		
Operator ID:		ALS Bottle#:	28 Worklist Smp#: 28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD1A

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 1

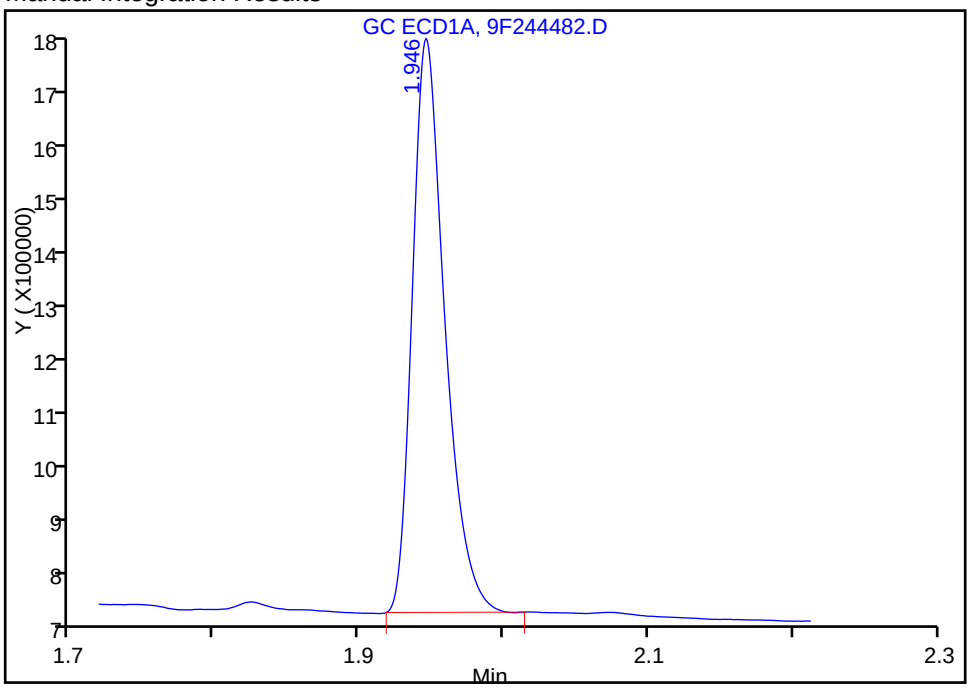
Processing Integration Results

RT: 1.95
Area: 1622339
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.95
Area: 1610318
Amount: 20.000000
Amount Units: ug/l



Reviewer: kapoors, 05-Oct-2016 07:09:09

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-15D | Lab Sample ID: 460-121138-3

Matrix: Water | Lab File ID: 9F244482.D

Analysis Method: 8082A | Date Collected: 09/28/2016 11:30

Extraction Method: 3510C | Date Extracted: 09/30/2016 20:30

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 16:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394713 | 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	92		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244482.D
Lims ID: 460-121138-E-3-A
Client ID: MW-15D
Sample Type: Client
Inject. Date: 04-Oct-2016 16:14:01 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046402-028
Operator ID: Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 07:29:18 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: kapoors Date: 05-Oct-2016 07:09:09

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.946	1.946	0.000	1610318	20.0	M
2	1.629	1.629	0.000	3337656	20.0	M
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						M
1	11.430	11.424	0.006	6776479	91.6	M
2	10.255	10.254	0.001	11936628	91.9	M
					RPD = 0.32	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

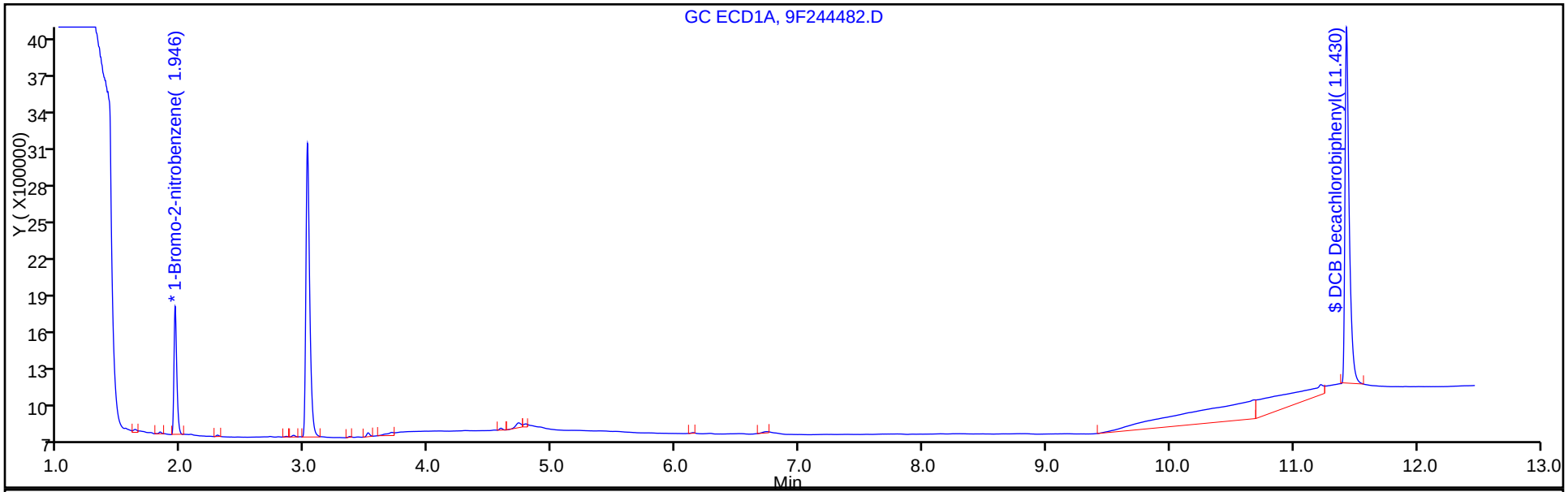
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

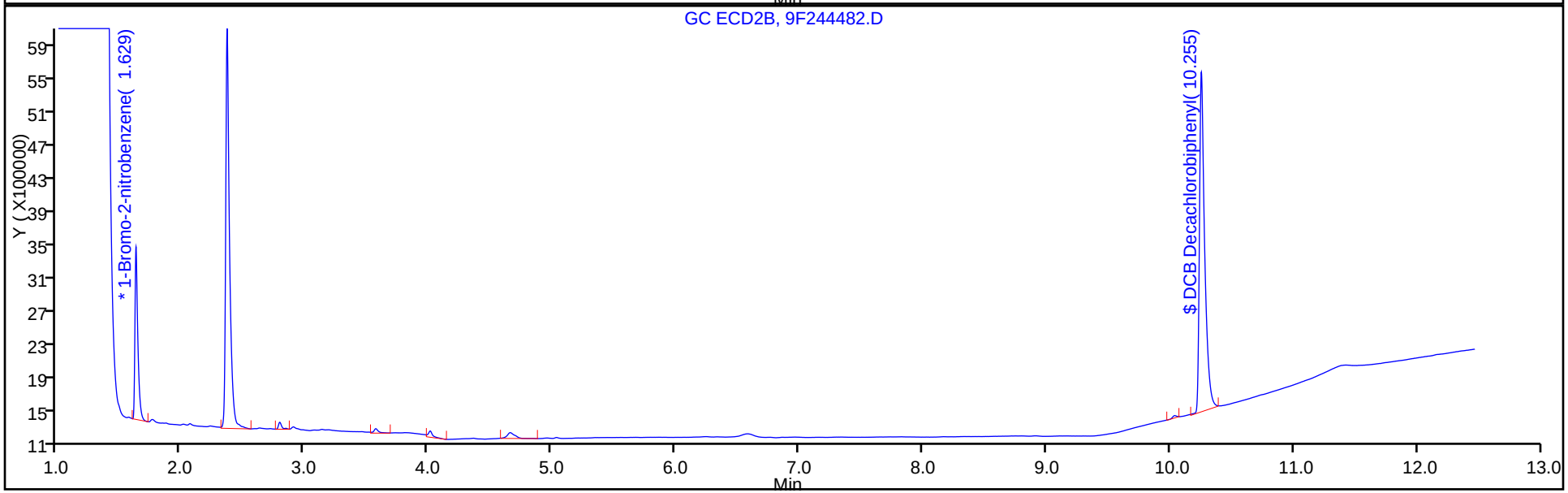
Report Date: 05-Oct-2016 10:37:25 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244482.D

Injection Date:	04-Oct-2016 16:14:01	Instrument ID:	CPESTGC9	Operator ID:	
Lims ID:	460-121138-E-3-A	Lab Sample ID:	460-121138-3	Worklist Smp#:	28
Client ID:	MW-15D				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

TestAmerica Edison

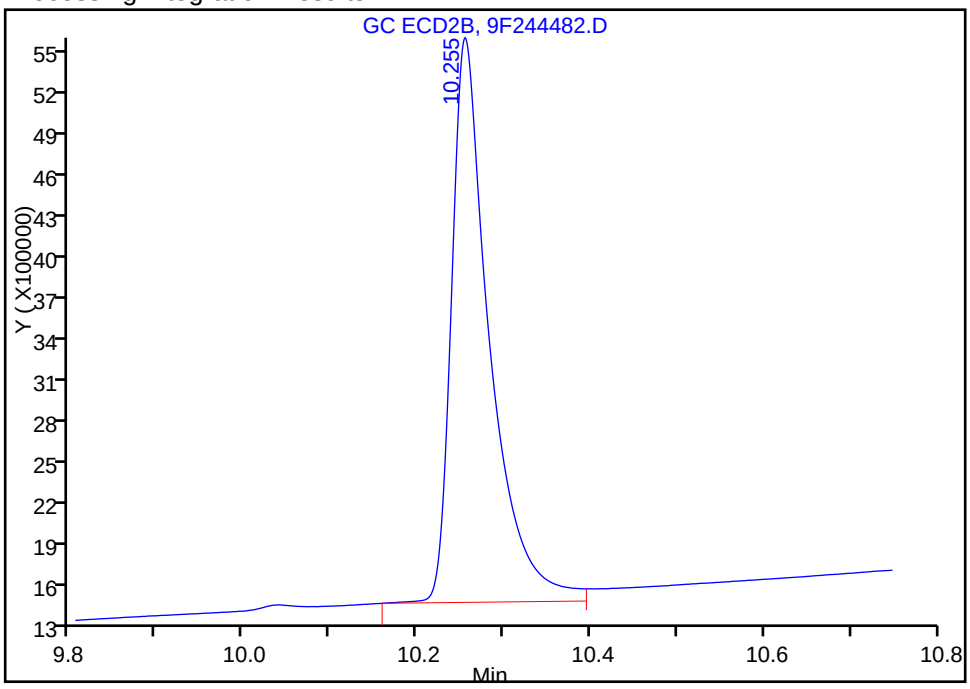
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244482.D				
Injection Date:	04-Oct-2016 16:14:01	Instrument ID:	CPESTGC9		
Lims ID:	460-121138-E-3-A	Lab Sample ID:	460-121138-3		
Client ID:	MW-15D				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

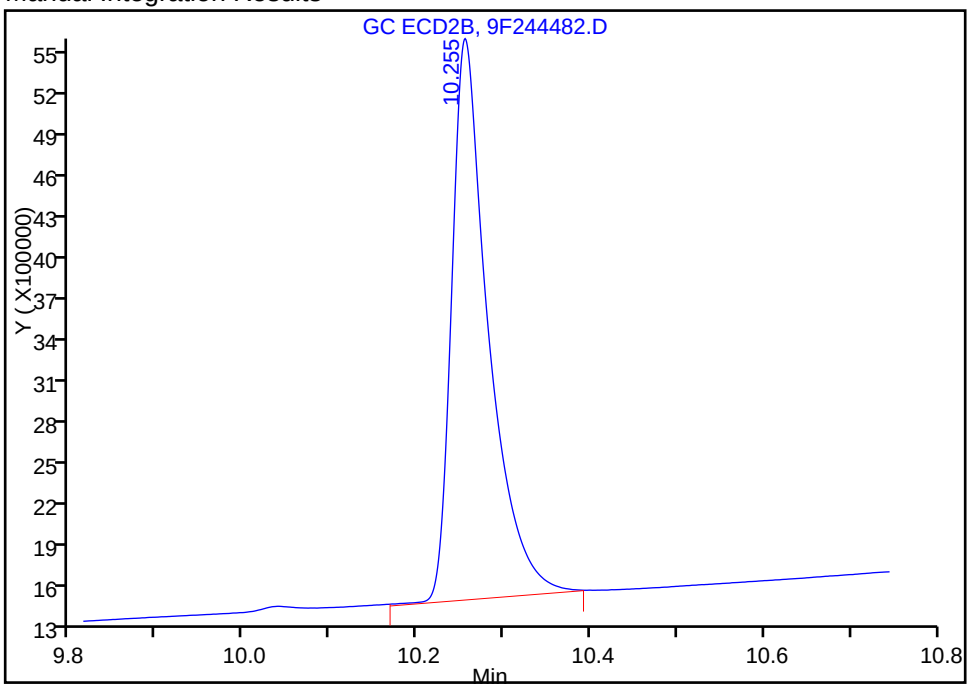
Processing Integration Results

RT: 10.25
Area: 12459286
Amount: 90.991428
Amount Units: ug/l



Manual Integration Results

RT: 10.25
Area: 11936628
Amount: 91.858017
Amount Units: ug/l



Reviewer: kapoors, 05-Oct-2016 07:09:09

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

TestAmerica Edison

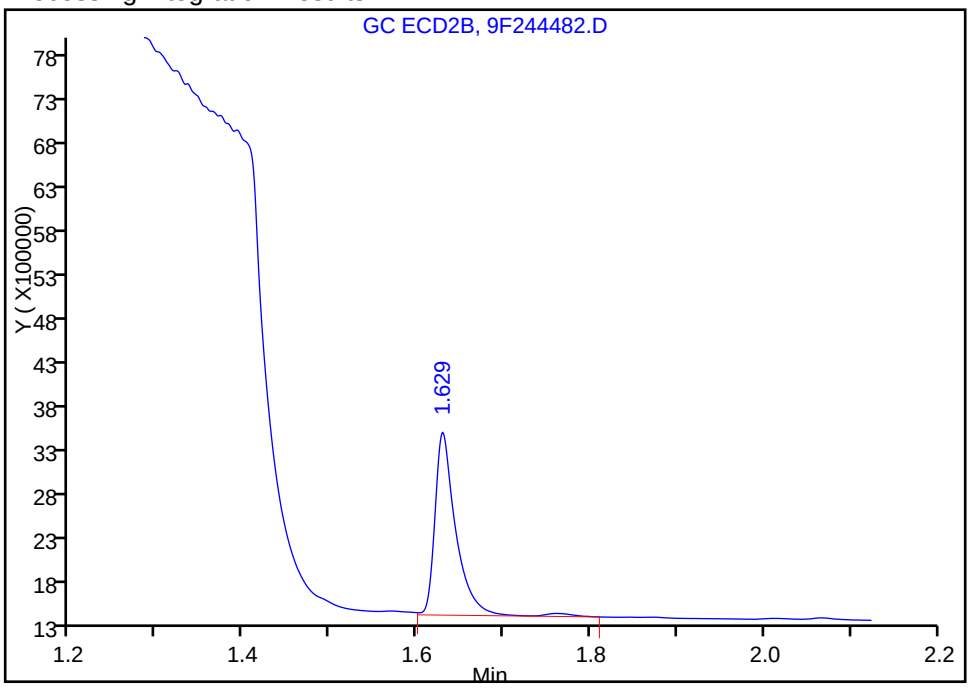
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244482.D				
Injection Date:	04-Oct-2016 16:14:01	Instrument ID:	CPESTGC9		
Lims ID:	460-121138-E-3-A	Lab Sample ID:	460-121138-3		
Client ID:	MW-15D				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

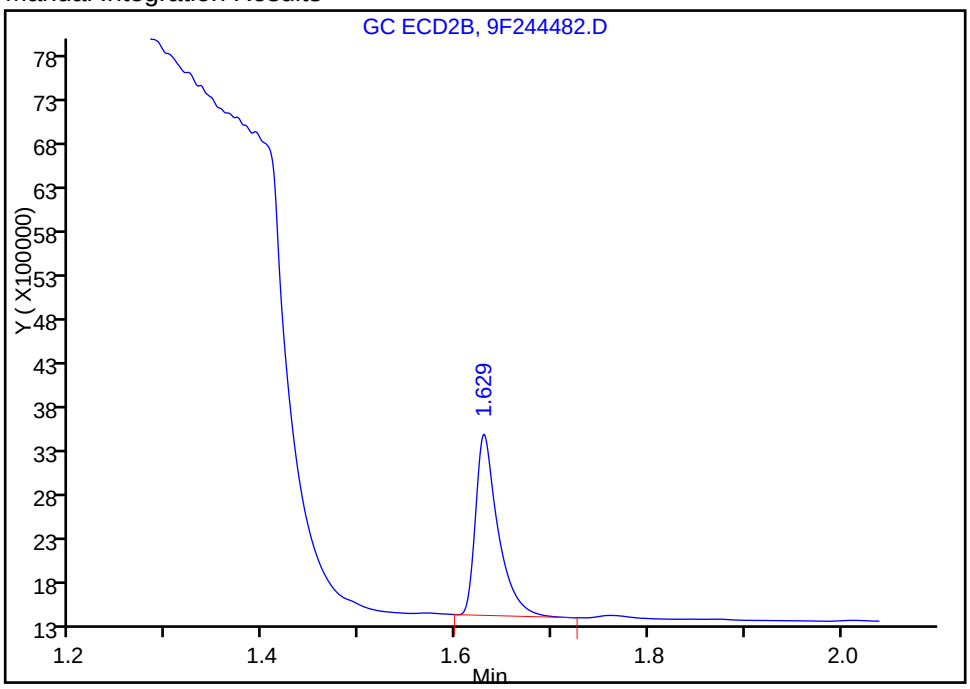
Processing Integration Results

RT: 1.63
Area: 3516978
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.63
Area: 3337656
Amount: 20.000000
Amount Units: ug/l



Reviewer: kapoors, 05-Oct-2016 07:09:09

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-21 Lab Sample ID: 460-121138-4

Matrix: Water Lab File ID: 9F244483.D

Analysis Method: 8082A Date Collected: 09/28/2016 13:40

Extraction Method: 3510C Date Extracted: 09/30/2016 20:30

Sample wt/vol: 250(mL) Date Analyzed: 10/04/2016 16:30

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.: 394713 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244483.D
Lims ID: 460-121138-F-4-A
Client ID: MW-21
Sample Type: Client
Inject. Date: 04-Oct-2016 16:30:54 ALS Bottle#: 29 Worklist Smp#: 29
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046402-029
Operator ID: Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 07:29:18 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: kapoors Date: 05-Oct-2016 07:10:11

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.944	1.946	-0.002	1693286	20.0	
2	1.628	1.629	-0.001	3156762	20.0	M
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						M
1	11.430	11.424	0.006	8160438	104.9	M
2	10.254	10.254	0.000	14122050	114.9	M
					RPD = 9.14	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

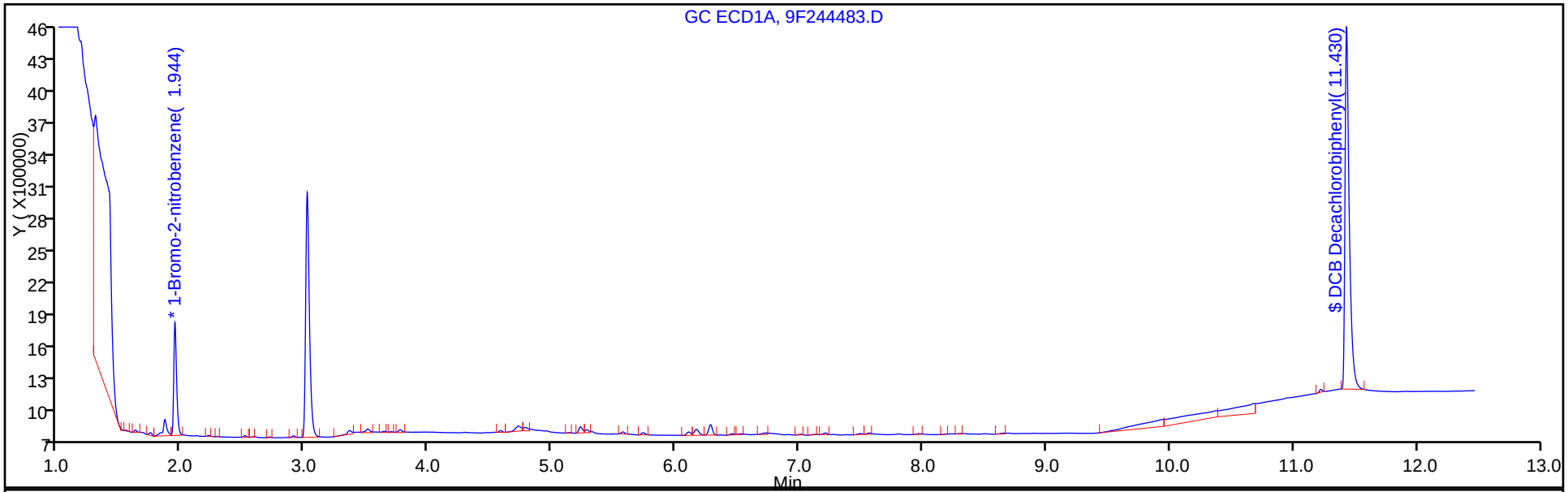
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

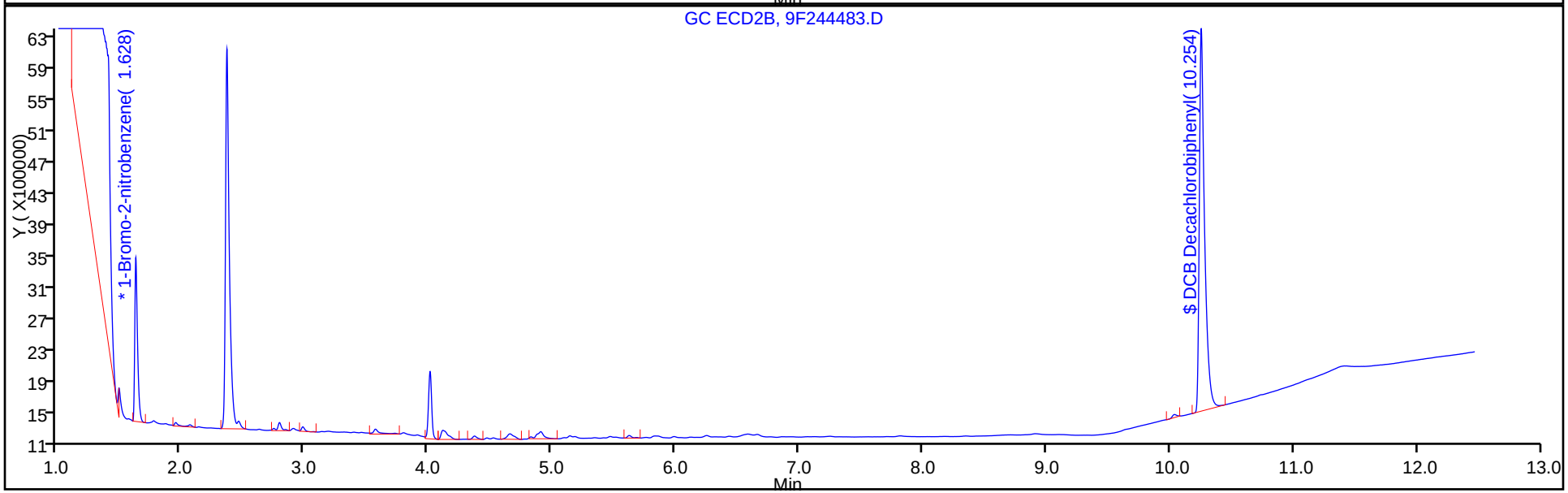
Report Date: 05-Oct-2016 10:37:27 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244483.D

Injection Date:	04-Oct-2016 16:30:54	Instrument ID:	CPESTGC9	Operator ID:	
Lims ID:	460-121138-F-4-A	Lab Sample ID:	460-121138-4	Worklist Smp#:	29
Client ID:	MW-21				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	29
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

TestAmerica Edison

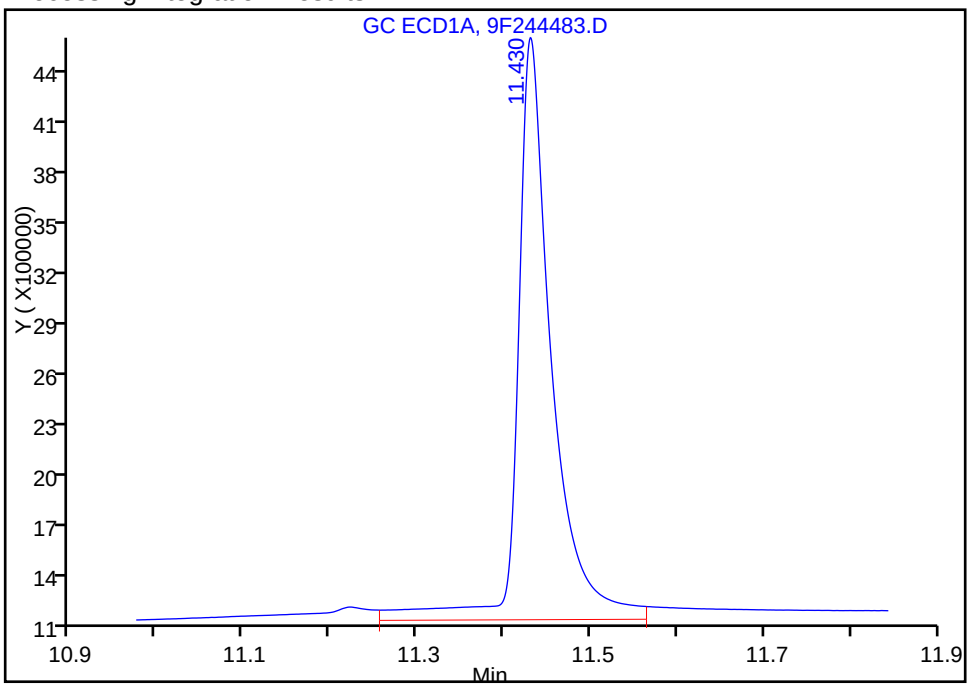
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244483.D		
Injection Date:	04-Oct-2016 16:30:54	Instrument ID:	CPESTGC9
Lims ID:	460-121138-F-4-A	Lab Sample ID:	460-121138-4
Client ID:	MW-21		
Operator ID:		ALS Bottle#:	29 Worklist Smp#: 29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD1A

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

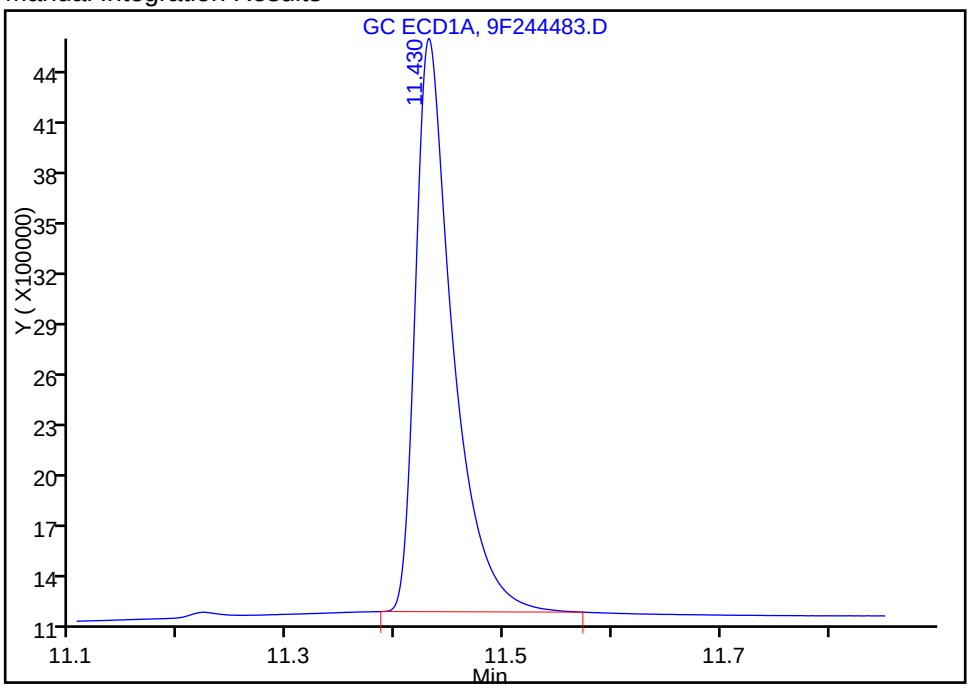
Processing Integration Results

RT: 11.43
Area: 9533997
Amount: 122.5163
Amount Units: ug/l



Manual Integration Results

RT: 11.43
Area: 8160438
Amount: 104.8654
Amount Units: ug/l



Reviewer: kapoors, 05-Oct-2016 07:10:11

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-21 | Lab Sample ID: 460-121138-4

Matrix: Water | Lab File ID: 9F244483.D

Analysis Method: 8082A | Date Collected: 09/28/2016 13:40

Extraction Method: 3510C | Date Extracted: 09/30/2016 20:30

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 16:30

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394713 | 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	115		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244483.D
Lims ID: 460-121138-F-4-A
Client ID: MW-21
Sample Type: Client
Inject. Date: 04-Oct-2016 16:30:54 ALS Bottle#: 29 Worklist Smp#: 29
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046402-029
Operator ID: Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 07:29:18 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: kapoors Date: 05-Oct-2016 07:10:11

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.944	1.946	-0.002	1693286	20.0	
2	1.628	1.629	-0.001	3156762	20.0	M
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						M
1	11.430	11.424	0.006	8160438	104.9	M
2	10.254	10.254	0.000	14122050	114.9	M
					RPD = 9.14	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

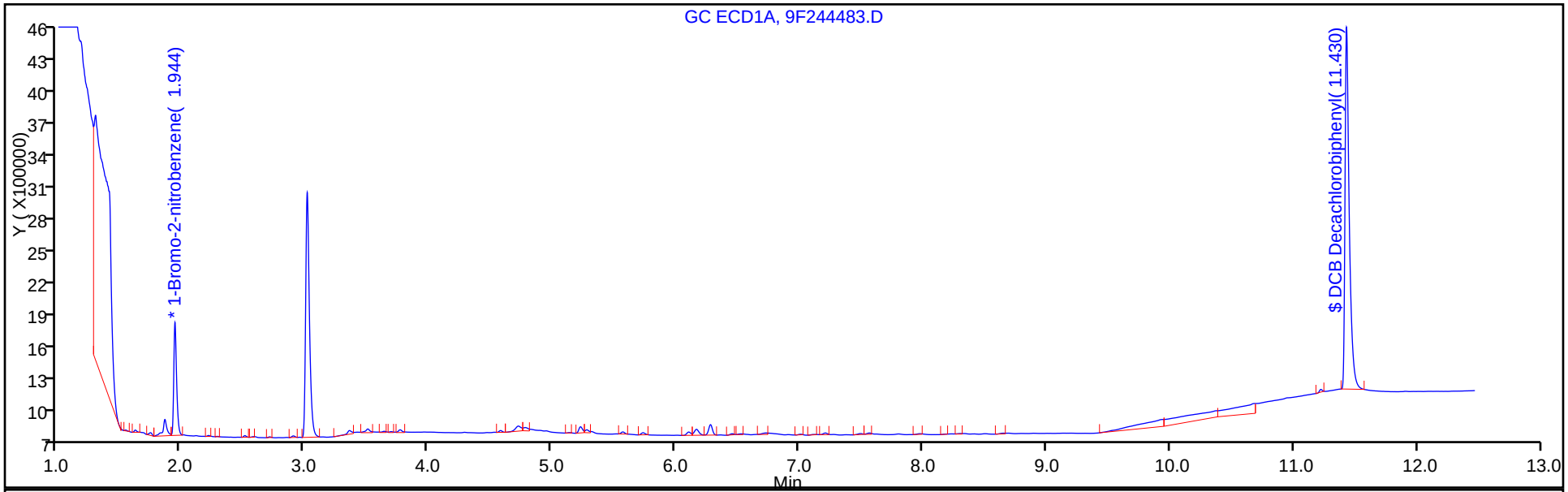
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

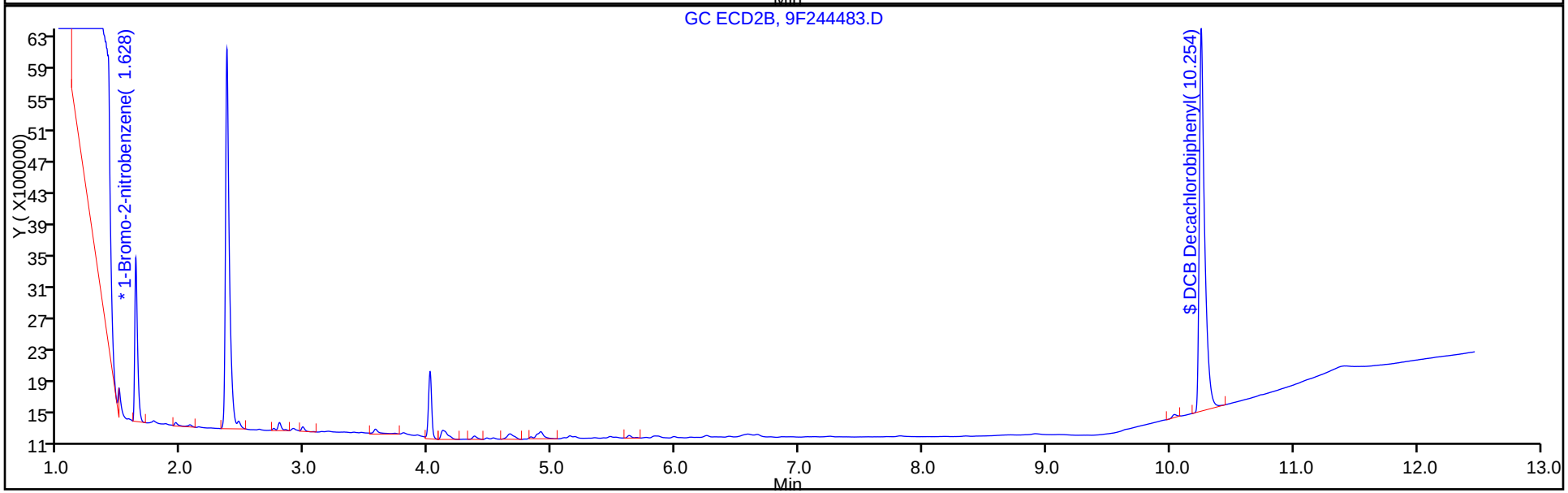
Report Date: 05-Oct-2016 10:37:28 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244483.D

Injection Date:	04-Oct-2016 16:30:54	Instrument ID:	CPESTGC9	Operator ID:	
Lims ID:	460-121138-F-4-A	Lab Sample ID:	460-121138-4	Worklist Smp#:	29
Client ID:	MW-21				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	29
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

TestAmerica Edison

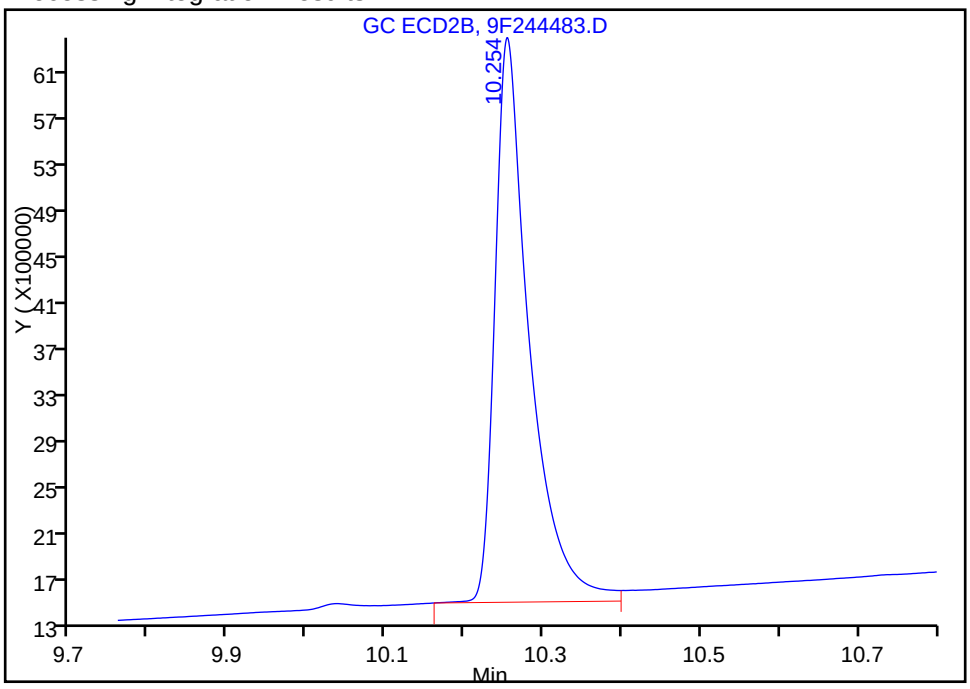
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244483.D		
Injection Date:	04-Oct-2016 16:30:54	Instrument ID:	CPESTGC9
Lims ID:	460-121138-F-4-A	Lab Sample ID:	460-121138-4
Client ID:	MW-21		
Operator ID:		ALS Bottle#:	29 Worklist Smp#: 29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD2B

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

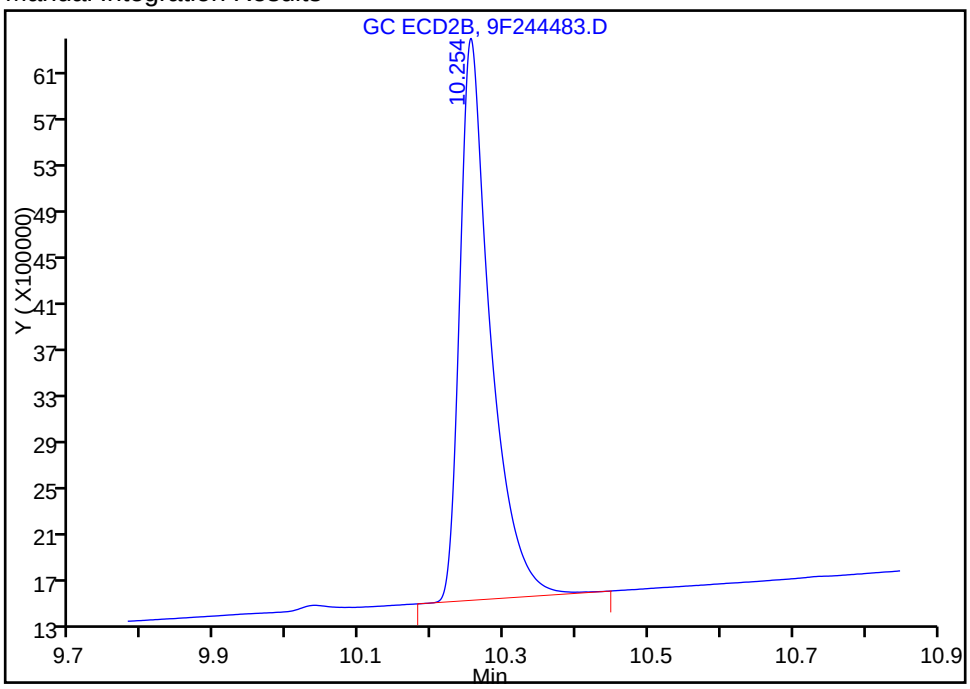
Processing Integration Results

RT: 10.25
Area: 14672033
Amount: 112.7141
Amount Units: ug/l



Manual Integration Results

RT: 10.25
Area: 14122050
Amount: 114.9034
Amount Units: ug/l



Reviewer: kapoors, 05-Oct-2016 07:10:11

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

TestAmerica Edison

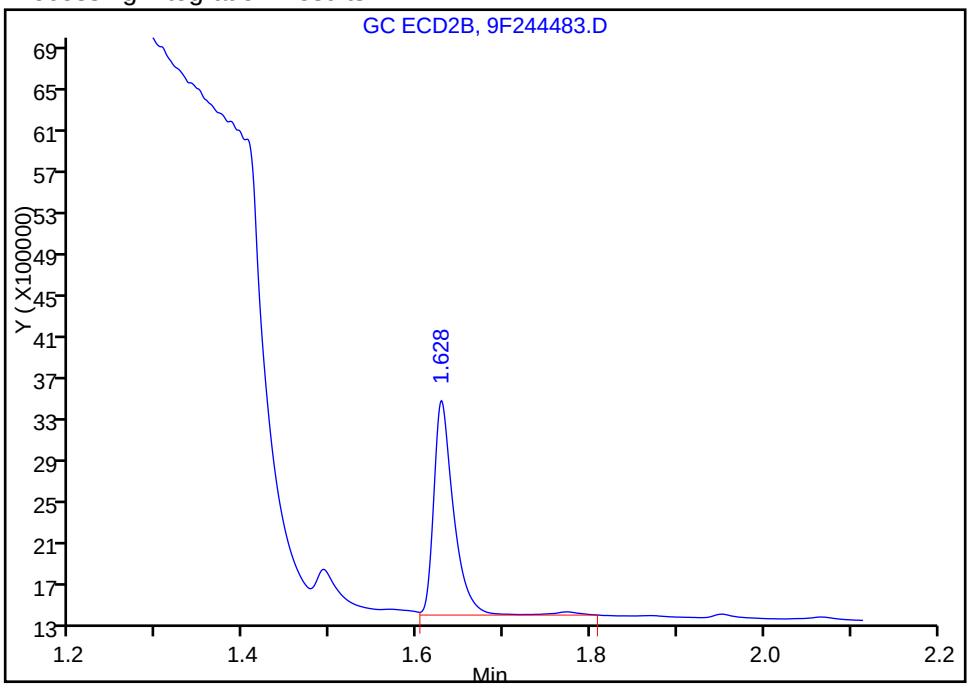
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244483.D		
Injection Date:	04-Oct-2016 16:30:54	Instrument ID:	CPESTGC9
Lims ID:	460-121138-F-4-A	Lab Sample ID:	460-121138-4
Client ID:	MW-21		
Operator ID:		ALS Bottle#:	29 Worklist Smp#: 29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD2B

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

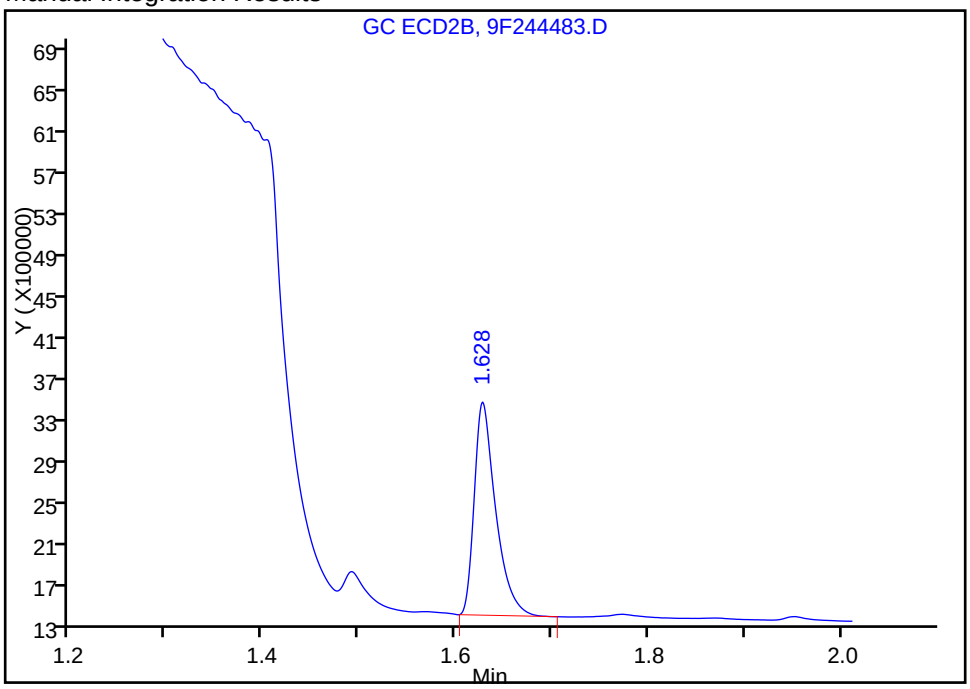
Processing Integration Results

RT: 1.63
Area: 3343404
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.63
Area: 3156762
Amount: 20.000000
Amount Units: ug/l



Reviewer: kapoors, 05-Oct-2016 07:10:11

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-20 Lab Sample ID: 460-121138-5

Matrix: Water Lab File ID: 9F244484.D

Analysis Method: 8082A Date Collected: 09/28/2016 13:45

Extraction Method: 3510C Date Extracted: 09/30/2016 20:30

Sample wt/vol: 250(mL) Date Analyzed: 10/04/2016 16:47

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.: 394713 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	92		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244484.D
Lims ID: 460-121138-D-5-A
Client ID: MW-20
Sample Type: Client
Inject. Date: 04-Oct-2016 16:47:45 ALS Bottle#: 30 Worklist Smp#: 30
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046402-030
Operator ID: Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 07:29:18 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: kapoors Date: 05-Oct-2016 07:11:00

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.945	1.946	-0.001	1675101	20.0	
2	1.629	1.629	0.000	3121953	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						M
1	11.427	11.424	0.003	7094675	92.2	M
2	10.252	10.254	-0.002	12158813	100.0	M
					RPD = 8.19	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

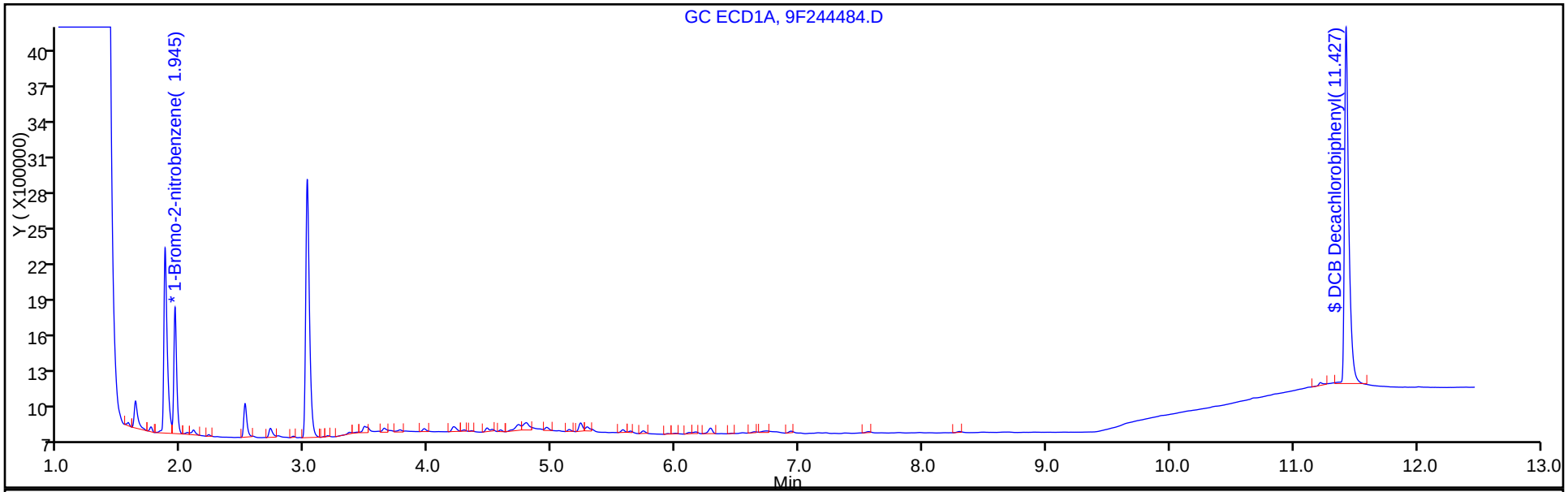
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

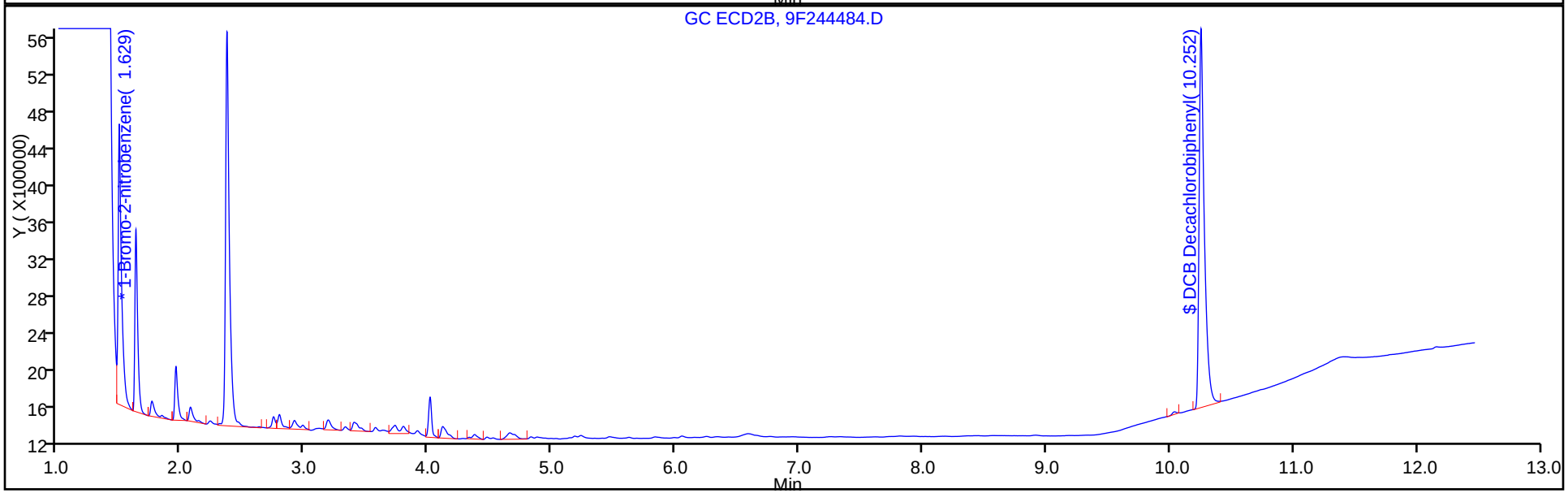
Report Date: 05-Oct-2016 10:37:29 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244484.D

Injection Date:	04-Oct-2016 16:47:45	Instrument ID:	CPESTGC9	Operator ID:	
Lims ID:	460-121138-D-5-A	Lab Sample ID:	460-121138-5	Worklist Smp#:	30
Client ID:	MW-20				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	30
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

TestAmerica Edison

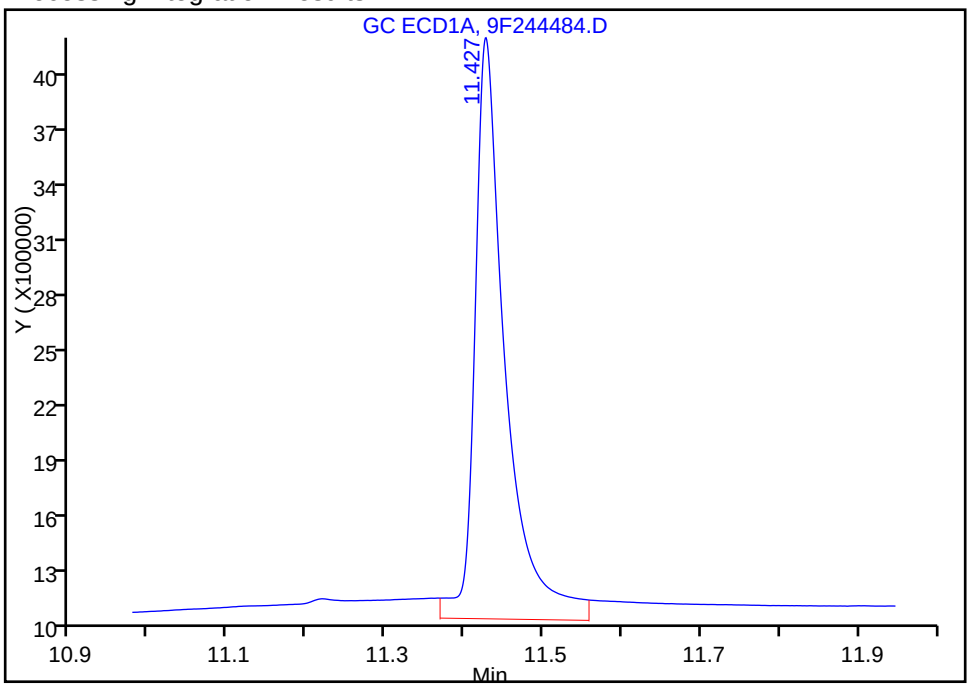
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244484.D				
Injection Date:	04-Oct-2016 16:47:45	Instrument ID:	CPESTGC9		
Lims ID:	460-121138-D-5-A	Lab Sample ID:	460-121138-5		
Client ID:	MW-20				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

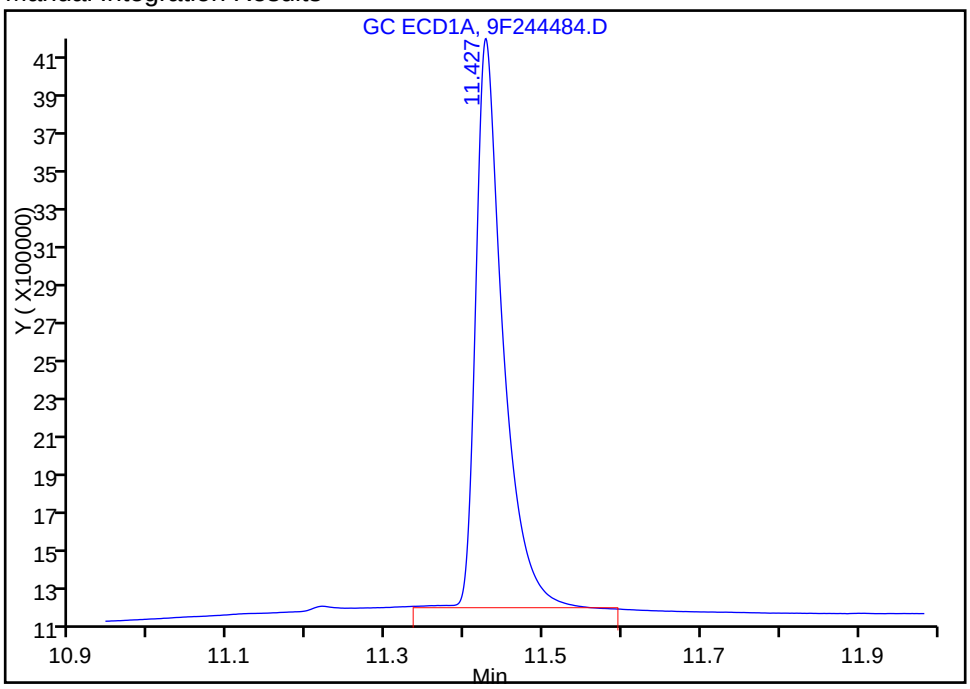
Processing Integration Results

RT: 11.43
Area: 8209517
Amount: 106.6413
Amount Units: ug/l



Manual Integration Results

RT: 11.43
Area: 7094675
Amount: 92.159588
Amount Units: ug/l



Reviewer: kapoors, 05-Oct-2016 07:11:00

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-20 | Lab Sample ID: 460-121138-5

Matrix: Water | Lab File ID: 9F244484.D

Analysis Method: 8082A | Date Collected: 09/28/2016 13:45

Extraction Method: 3510C | Date Extracted: 09/30/2016 20:30

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 16:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394713 | 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	100		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244484.D
Lims ID: 460-121138-D-5-A
Client ID: MW-20
Sample Type: Client
Inject. Date: 04-Oct-2016 16:47:45 ALS Bottle#: 30 Worklist Smp#: 30
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046402-030
Operator ID: Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 07:29:18 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: kapoors Date: 05-Oct-2016 07:11:00

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.945	1.946	-0.001	1675101	20.0	
2	1.629	1.629	0.000	3121953	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						M
1	11.427	11.424	0.003	7094675	92.2	M
2	10.252	10.254	-0.002	12158813	100.0	M
					RPD = 8.19	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

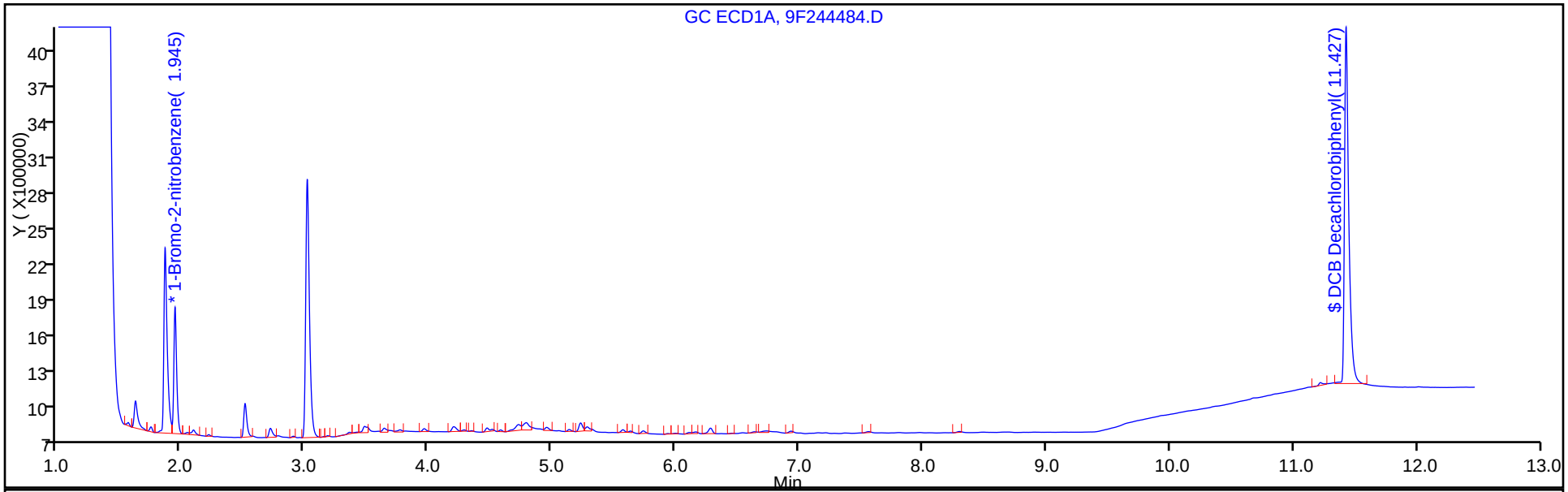
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

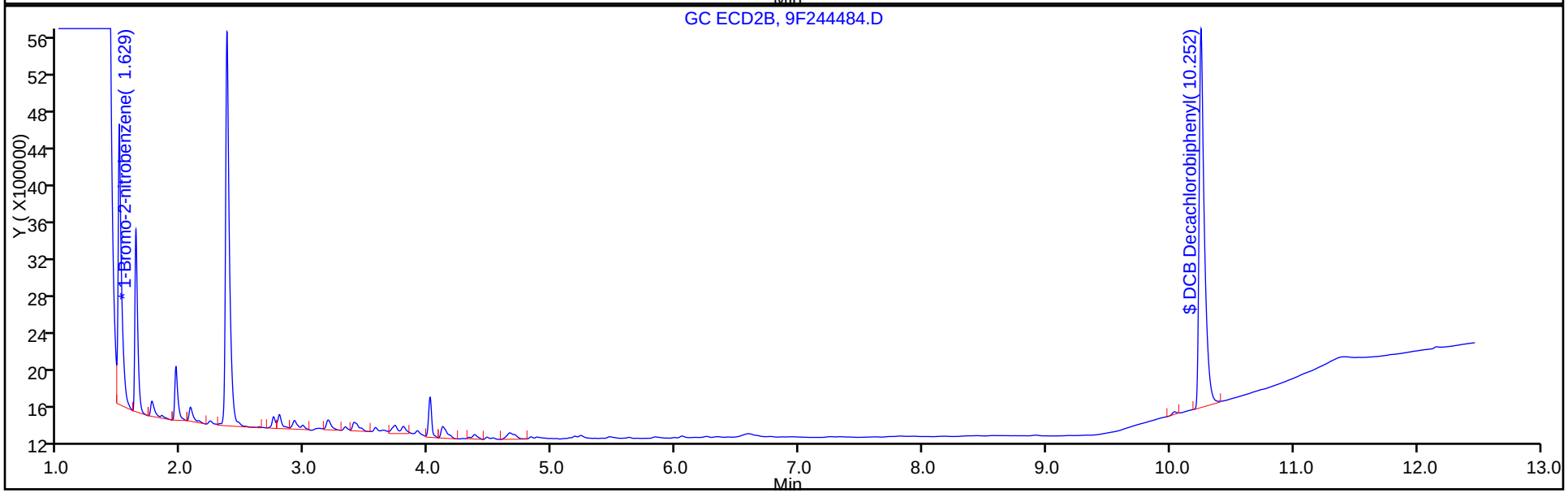
Report Date: 05-Oct-2016 10:37:30 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244484.D

Injection Date:	04-Oct-2016 16:47:45	Instrument ID:	CPESTGC9	Operator ID:	
Lims ID:	460-121138-D-5-A	Lab Sample ID:	460-121138-5	Worklist Smp#:	30
Client ID:	MW-20				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	30
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

TestAmerica Edison

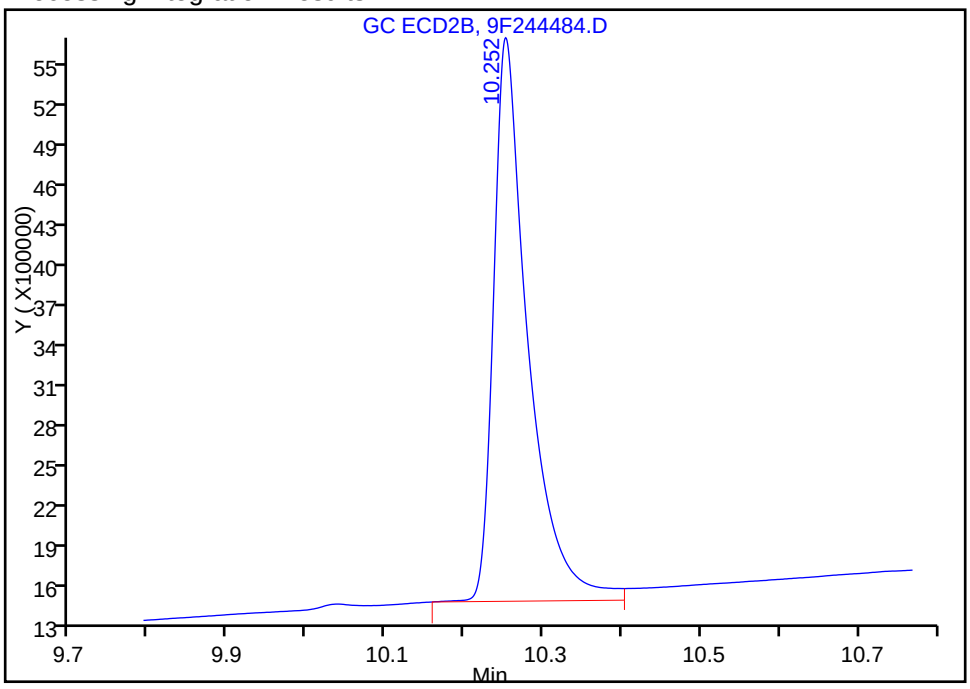
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244484.D				
Injection Date:	04-Oct-2016 16:47:45	Instrument ID:	CPESTGC9		
Lims ID:	460-121138-D-5-A	Lab Sample ID:	460-121138-5		
Client ID:	MW-20				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

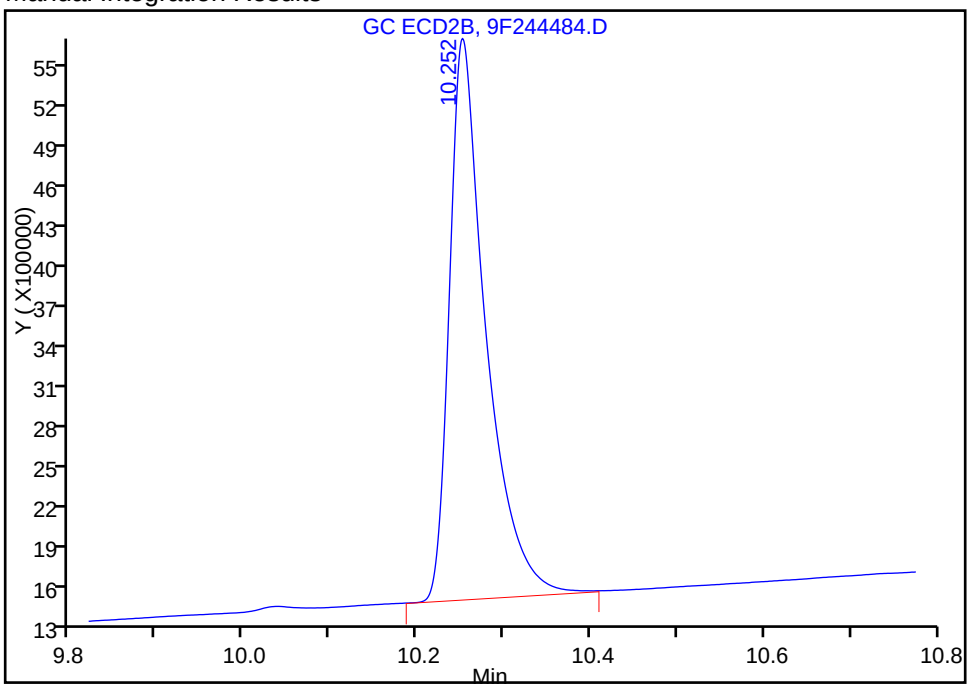
Processing Integration Results

RT: 10.25
Area: 12684314
Amount: 104.3560
Amount Units: ug/l



Manual Integration Results

RT: 10.25
Area: 12158813
Amount: 100.0327
Amount Units: ug/l



Reviewer: kapoors, 05-Oct-2016 07:11:00

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-6 | Lab Sample ID: 460-121138-6

Matrix: Water | Lab File ID: 9F244485.D

Analysis Method: 8082A | Date Collected: 09/28/2016 15:15

Extraction Method: 3510C | Date Extracted: 09/30/2016 20:30

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 17:04

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.: 394713 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	90		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244485.D
Lims ID: 460-121138-D-6-A
Client ID: MW-6
Sample Type: Client
Inject. Date: 04-Oct-2016 17:04:37 ALS Bottle#: 31 Worklist Smp#: 31
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046402-031
Operator ID: Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 07:29:18 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: kapoors Date: 05-Oct-2016 07:11:45

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.945	1.946	-0.001	1727058	20.0	M
2	1.628	1.629	-0.001	3388095	20.0	M
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						M
1	11.430	11.424	0.006	7134978	89.9	M
2	10.252	10.254	-0.002	12322851	93.4	M
					RPD = 3.84	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

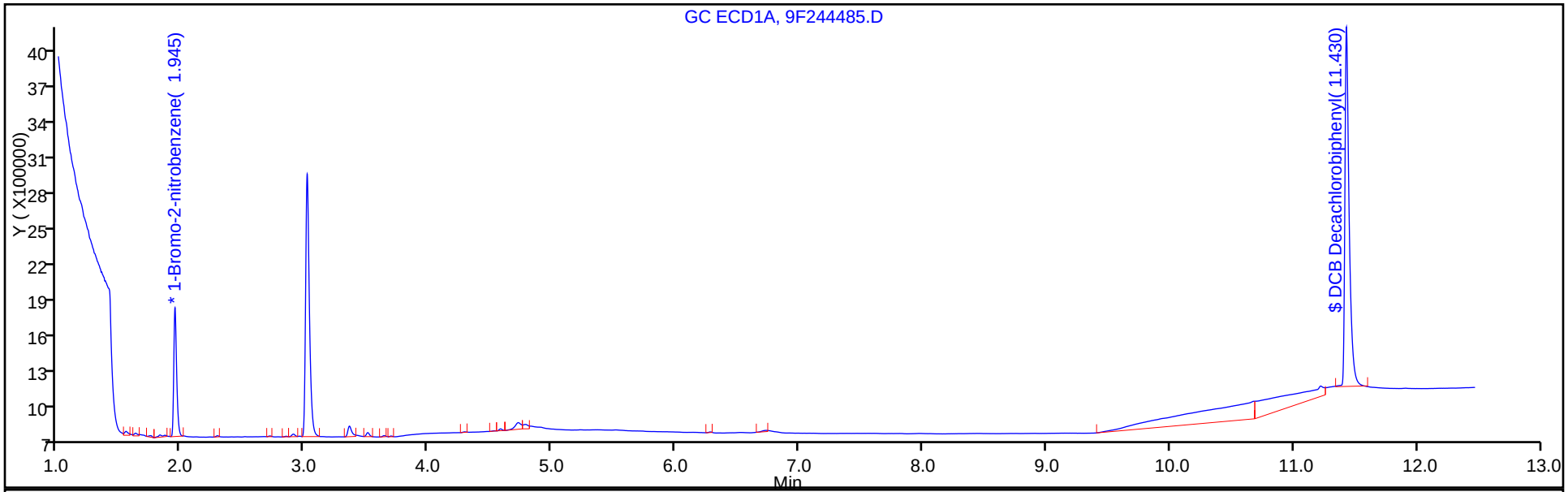
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

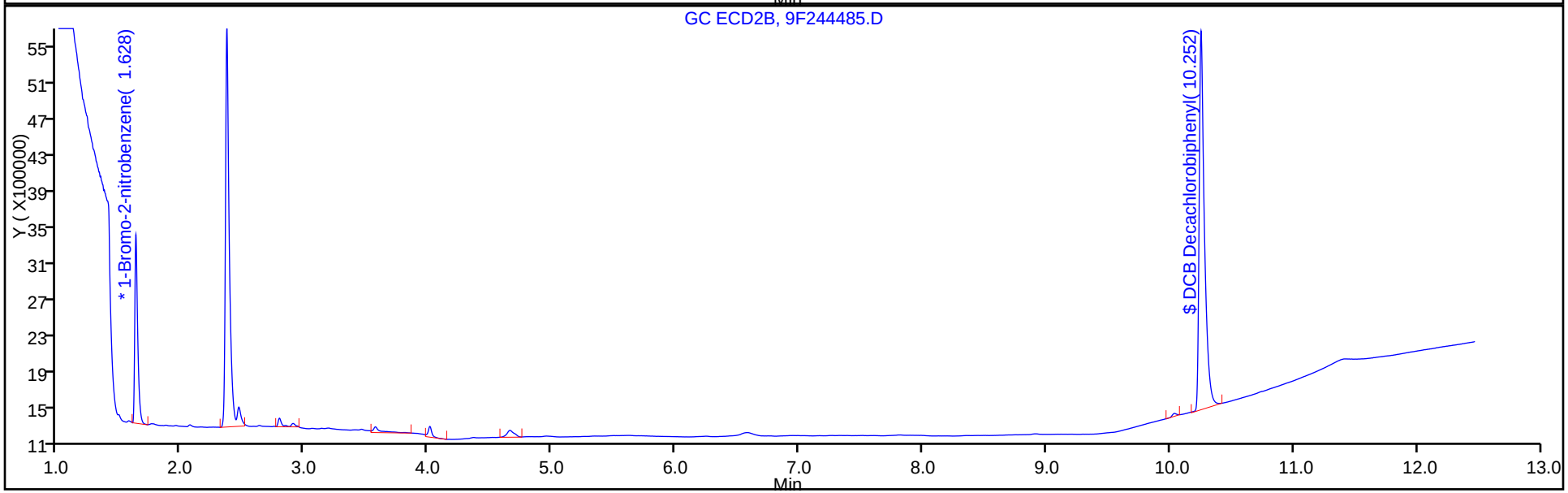
Report Date: 05-Oct-2016 10:37:31 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244485.D

Injection Date:	04-Oct-2016 17:04:37	Instrument ID:	CPESTGC9	Operator ID:	
Lims ID:	460-121138-D-6-A	Lab Sample ID:	460-121138-6	Worklist Smp#:	31
Client ID:	MW-6				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	31
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

TestAmerica Edison

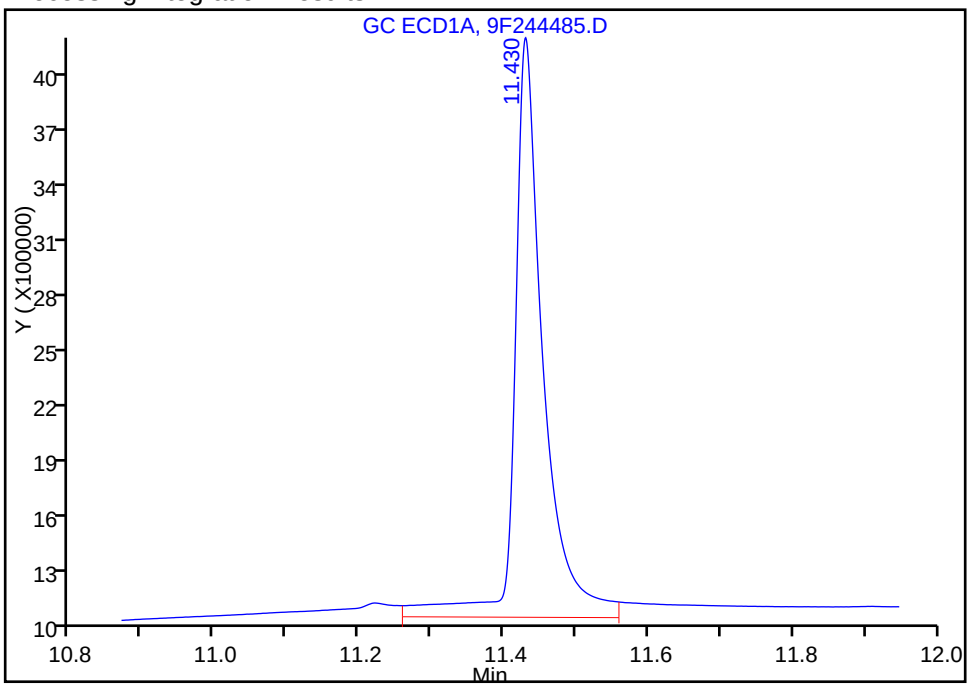
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244485.D				
Injection Date:	04-Oct-2016 17:04:37	Instrument ID:	CPESTGC9		
Lims ID:	460-121138-D-6-A	Lab Sample ID:	460-121138-6		
Client ID:	MW-6				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

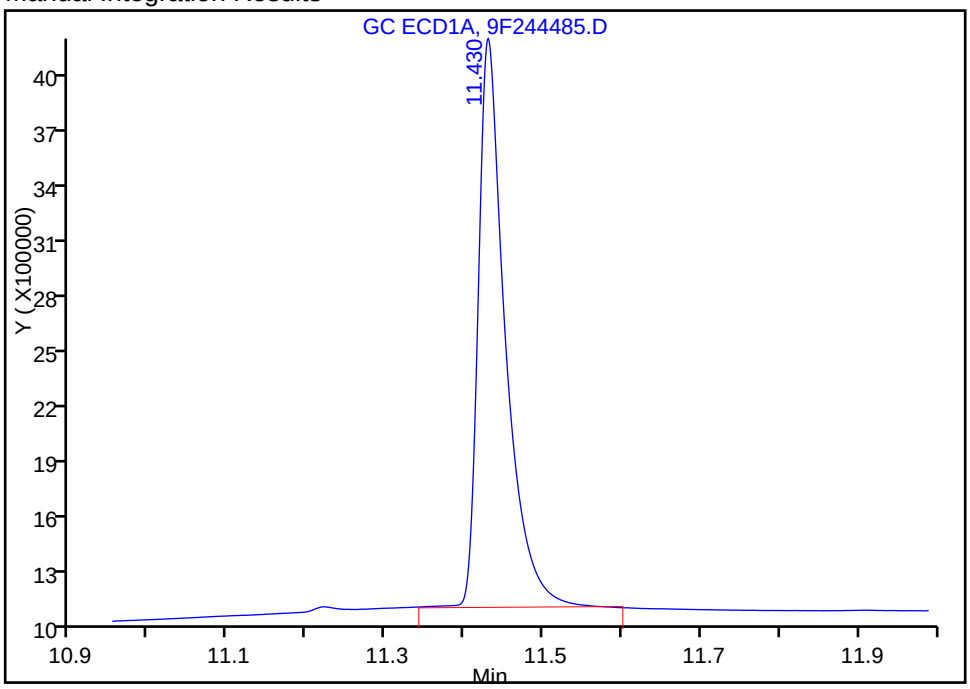
Processing Integration Results

RT: 11.43
Area: 8408643
Amount: 105.3792
Amount Units: ug/l



Manual Integration Results

RT: 11.43
Area: 7134978
Amount: 89.894833
Amount Units: ug/l



Reviewer: kapoors, 05-Oct-2016 07:11:45

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

TestAmerica Edison

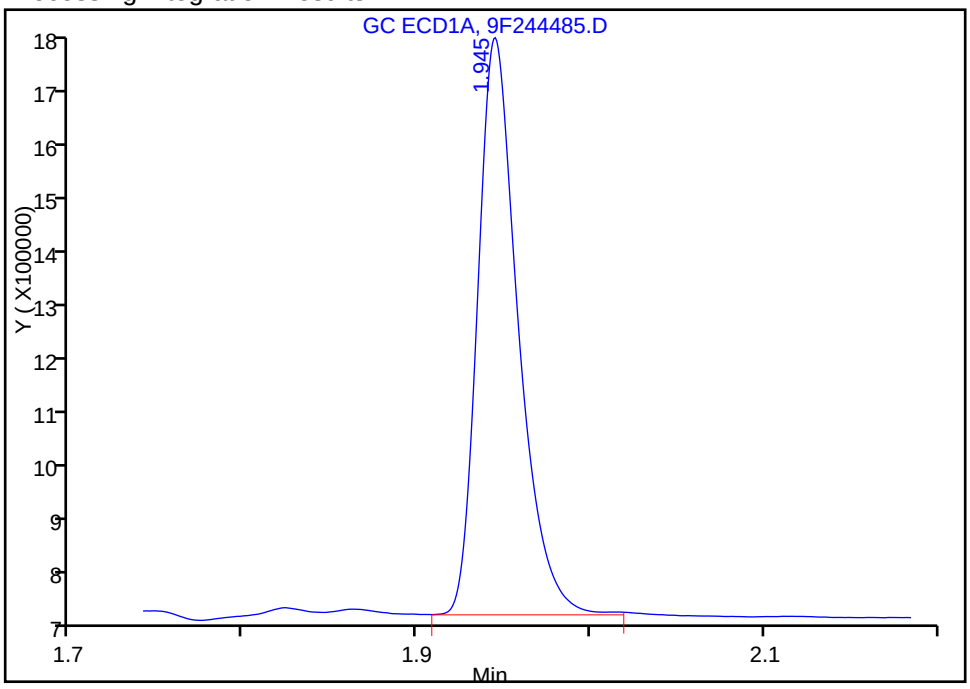
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244485.D				
Injection Date:	04-Oct-2016 17:04:37	Instrument ID:	CPESTGC9		
Lims ID:	460-121138-D-6-A	Lab Sample ID:	460-121138-6		
Client ID:	MW-6				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 1

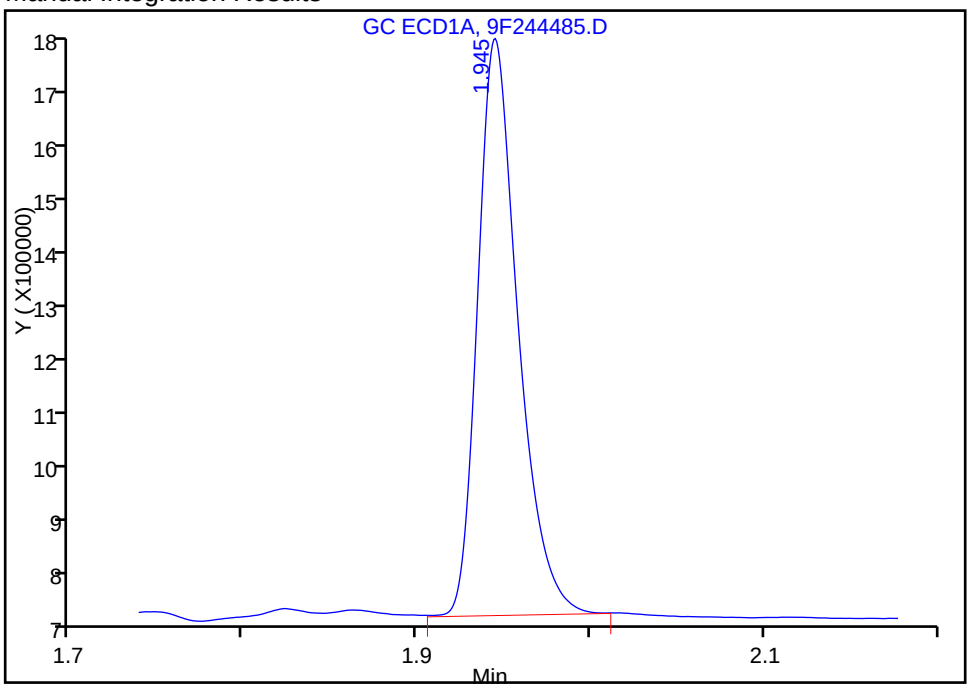
Processing Integration Results

RT: 1.94
Area: 1736281
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.94
Area: 1727058
Amount: 20.000000
Amount Units: ug/l



Reviewer: kapoors, 05-Oct-2016 07:11:45

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-6 | Lab Sample ID: 460-121138-6

Matrix: Water | Lab File ID: 9F244485.D

Analysis Method: 8082A | Date Collected: 09/28/2016 15:15

Extraction Method: 3510C | Date Extracted: 09/30/2016 20:30

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 17:04

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394713 | 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	93		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244485.D
Lims ID: 460-121138-D-6-A
Client ID: MW-6
Sample Type: Client
Inject. Date: 04-Oct-2016 17:04:37 ALS Bottle#: 31 Worklist Smp#: 31
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046402-031
Operator ID: Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 07:29:18 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: kapoors Date: 05-Oct-2016 07:11:45

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.945	1.946	-0.001	1727058	20.0	M
2	1.628	1.629	-0.001	3388095	20.0	M
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						M
1	11.430	11.424	0.006	7134978	89.9	M
2	10.252	10.254	-0.002	12322851	93.4	M
					RPD = 3.84	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

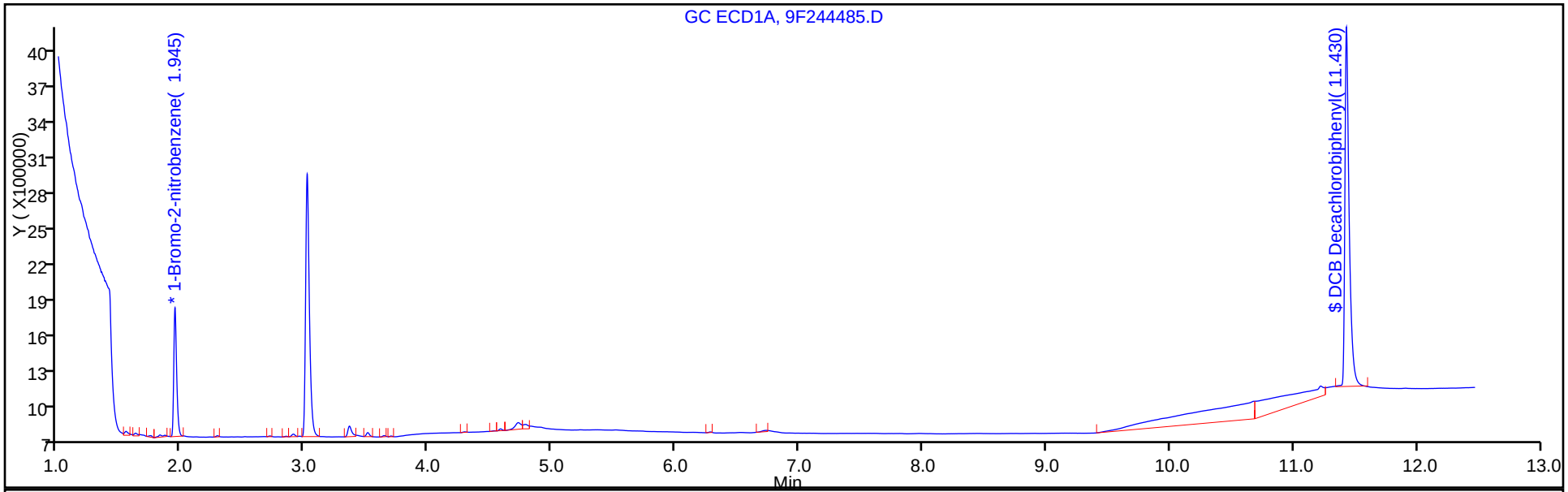
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

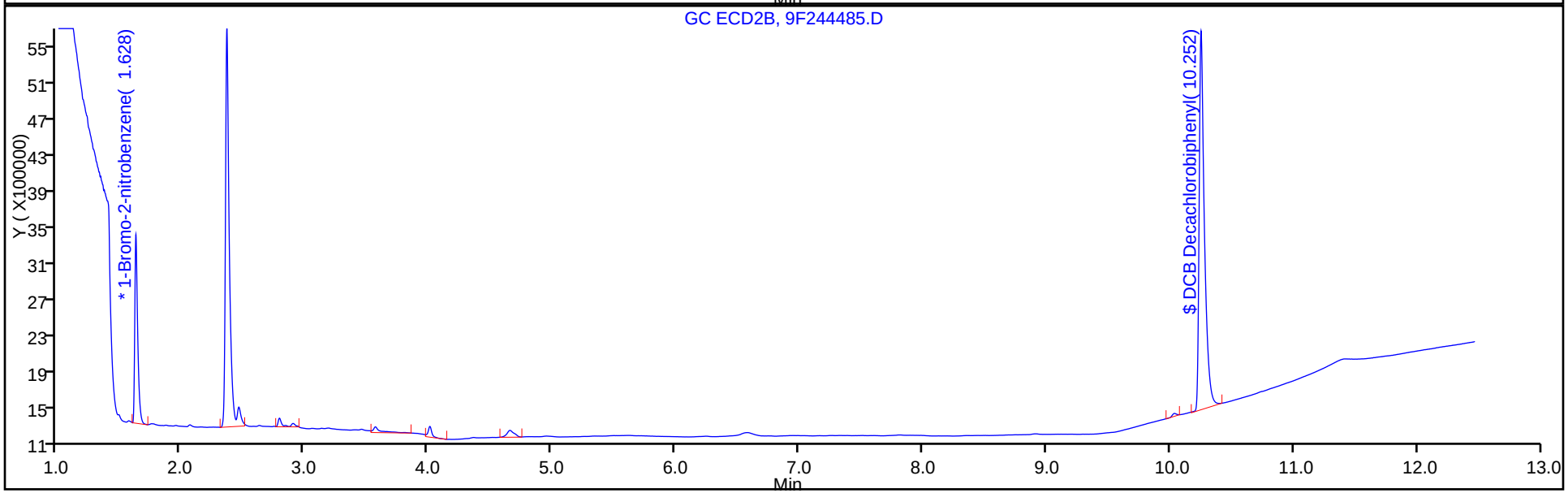
Report Date: 05-Oct-2016 10:37:31 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244485.D

Injection Date:	04-Oct-2016 17:04:37	Instrument ID:	CPESTGC9	Operator ID:	
Lims ID:	460-121138-D-6-A	Lab Sample ID:	460-121138-6	Worklist Smp#:	31
Client ID:	MW-6				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	31
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

TestAmerica Edison

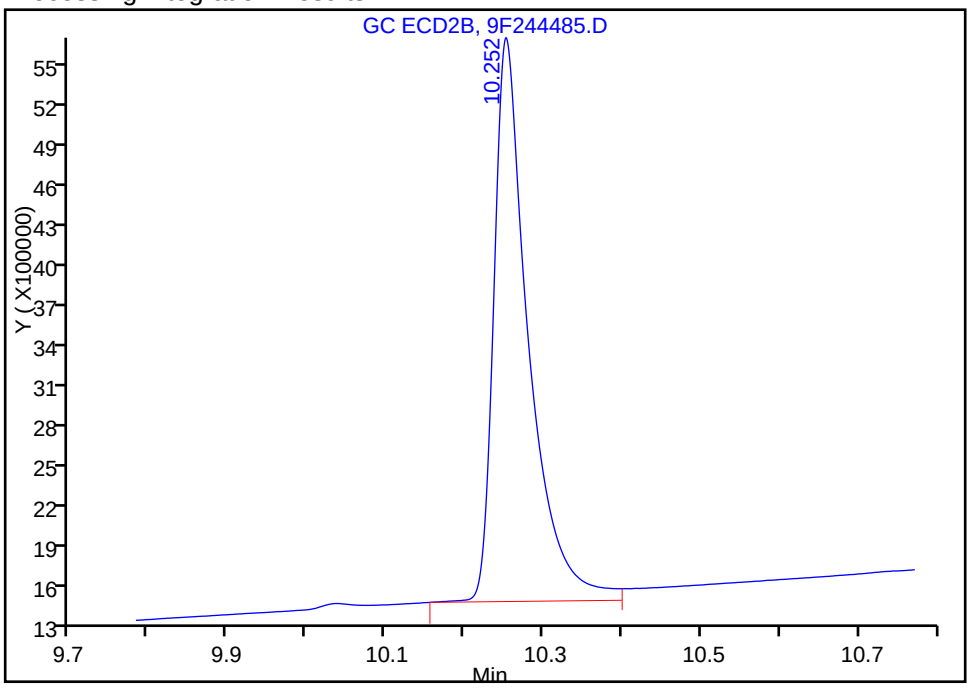
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244485.D				
Injection Date:	04-Oct-2016 17:04:37	Instrument ID:	CPESTGC9		
Lims ID:	460-121138-D-6-A	Lab Sample ID:	460-121138-6		
Client ID:	MW-6				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

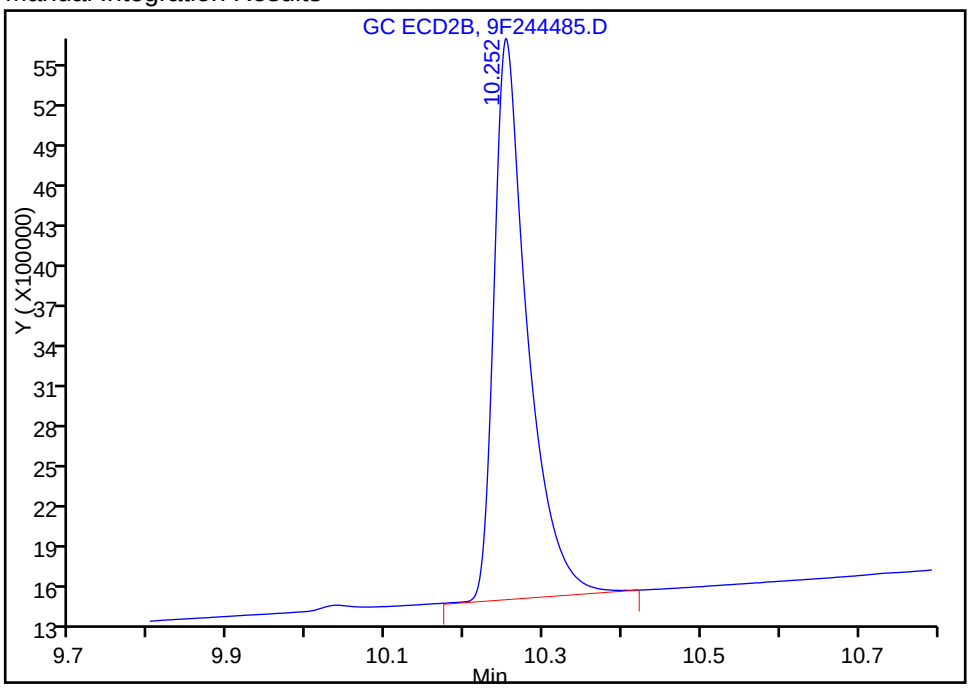
Processing Integration Results

RT: 10.25
Area: 12844583
Amount: 95.018904
Amount Units: ug/l



Manual Integration Results

RT: 10.25
Area: 12322851
Amount: 93.418437
Amount Units: ug/l



Reviewer: kapoors, 05-Oct-2016 07:11:45

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

TestAmerica Edison

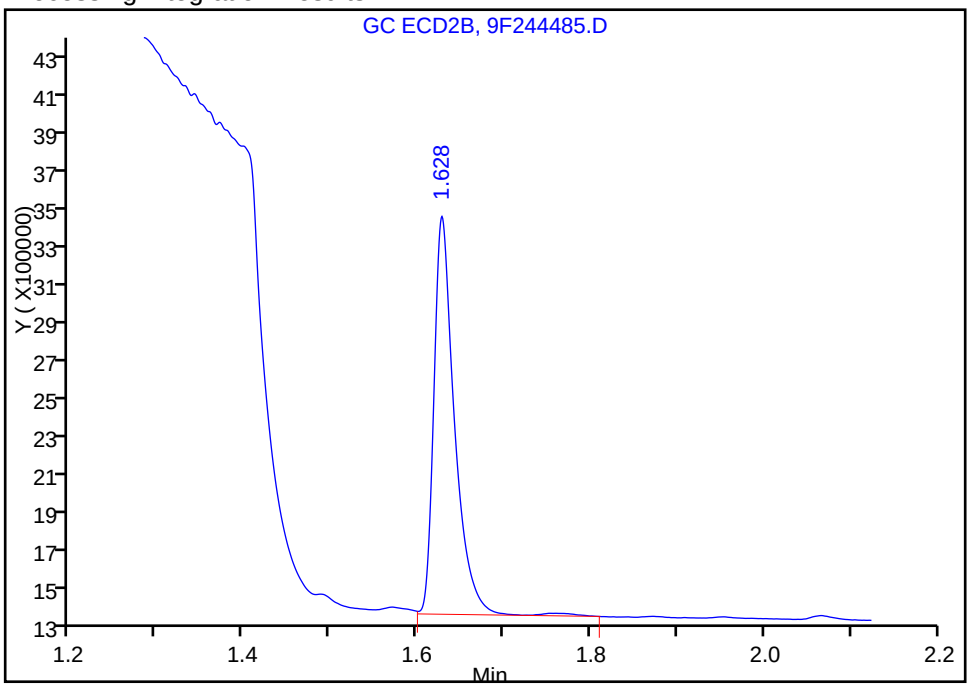
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244485.D				
Injection Date:	04-Oct-2016 17:04:37	Instrument ID:	CPESTGC9		
Lims ID:	460-121138-D-6-A	Lab Sample ID:	460-121138-6		
Client ID:	MW-6				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

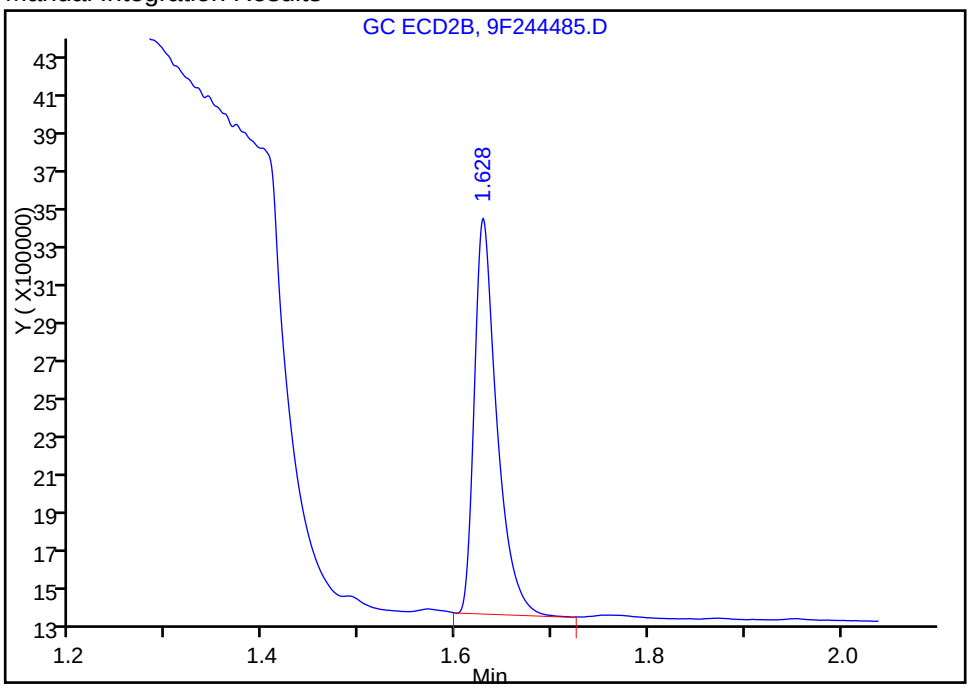
Processing Integration Results

RT: 1.63
Area: 3472058
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.63
Area: 3388095
Amount: 20.000000
Amount Units: ug/l



Reviewer: kapoors, 05-Oct-2016 07:11:45
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-6 Filtered | Lab Sample ID: 460-121138-7

Matrix: Water | Lab File ID: 9F244486.D

Analysis Method: 8082A | Date Collected: 09/28/2016 15:25

Extraction Method: 3510C | Date Extracted: 09/30/2016 20:30

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 17:21

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.: 394713 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244486.D
Lims ID: 460-121138-E-7-A
Client ID: MW-6 Filtered
Sample Type: Client
Inject. Date: 04-Oct-2016 17:21:29 ALS Bottle#: 32 Worklist Smp#: 32
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046402-032
Operator ID: Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 07:29:18 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: kapoors Date: 05-Oct-2016 07:12:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.945	1.946	-0.001	1610414	20.0	M
2	1.629	1.629	0.000	3188019	20.0	M
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						M
1	11.434	11.424	0.010	7361159	99.5	M
2	10.255	10.254	0.001	12464478	100.4	M
					RPD = 0.96	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

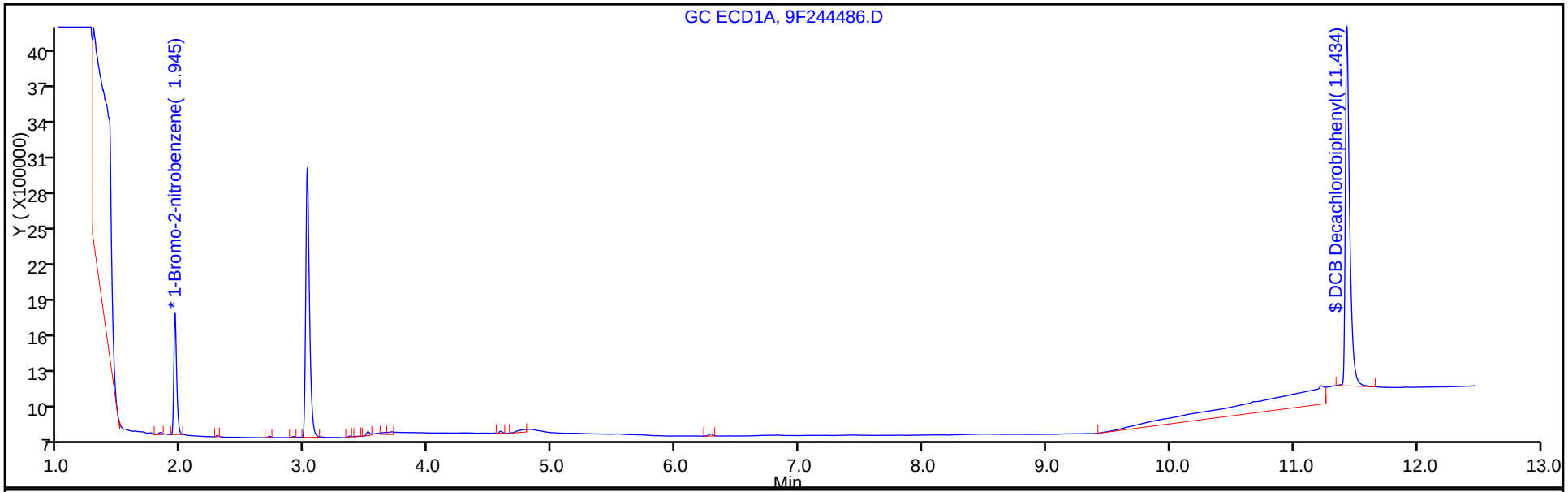
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

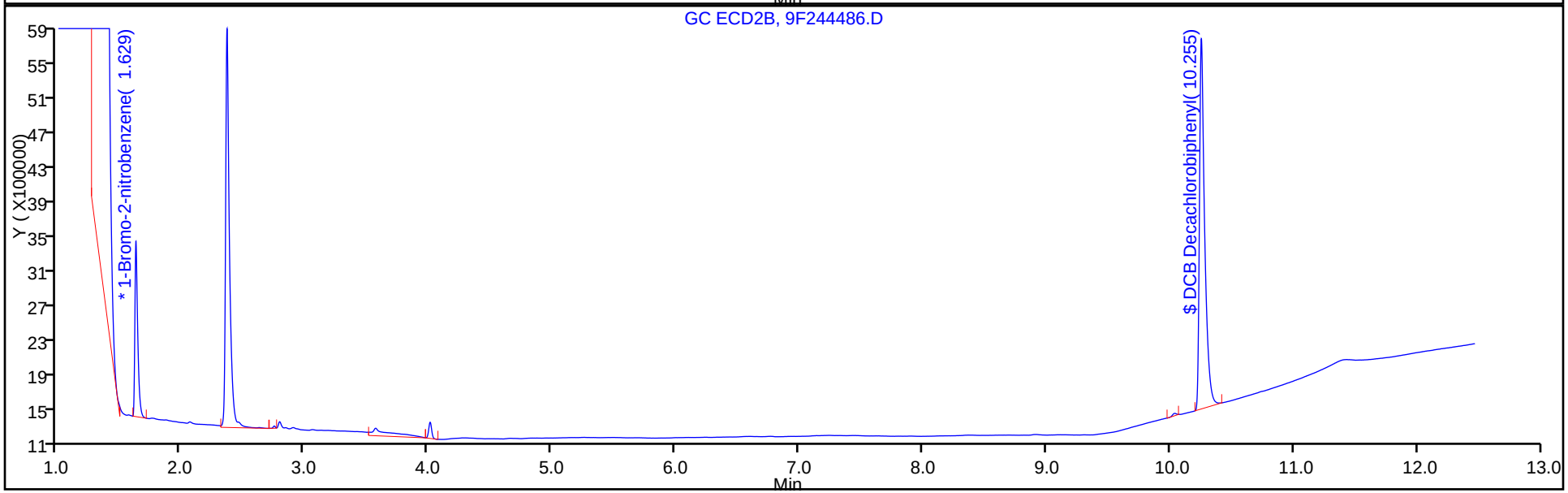
Report Date: 05-Oct-2016 10:37:33 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244486.D

Injection Date:	04-Oct-2016 17:21:29	Instrument ID:	CPESTGC9	Operator ID:	
Lims ID:	460-121138-E-7-A	Lab Sample ID:	460-121138-7	Worklist Smp#:	32
Client ID:	MW-6 Filtered				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	32
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

TestAmerica Edison

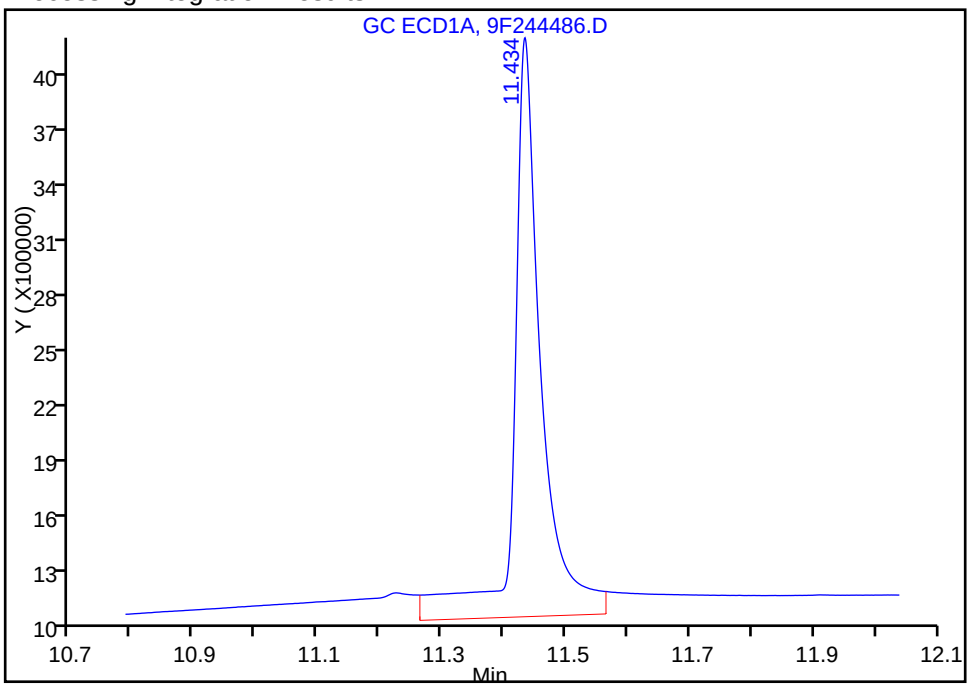
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244486.D				
Injection Date:	04-Oct-2016 17:21:29	Instrument ID:	CPESTGC9		
Lims ID:	460-121138-E-7-A	Lab Sample ID:	460-121138-7		
Client ID:	MW-6 Filtered				
Operator ID:		ALS Bottle#:	32	Worklist Smp#:	32
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

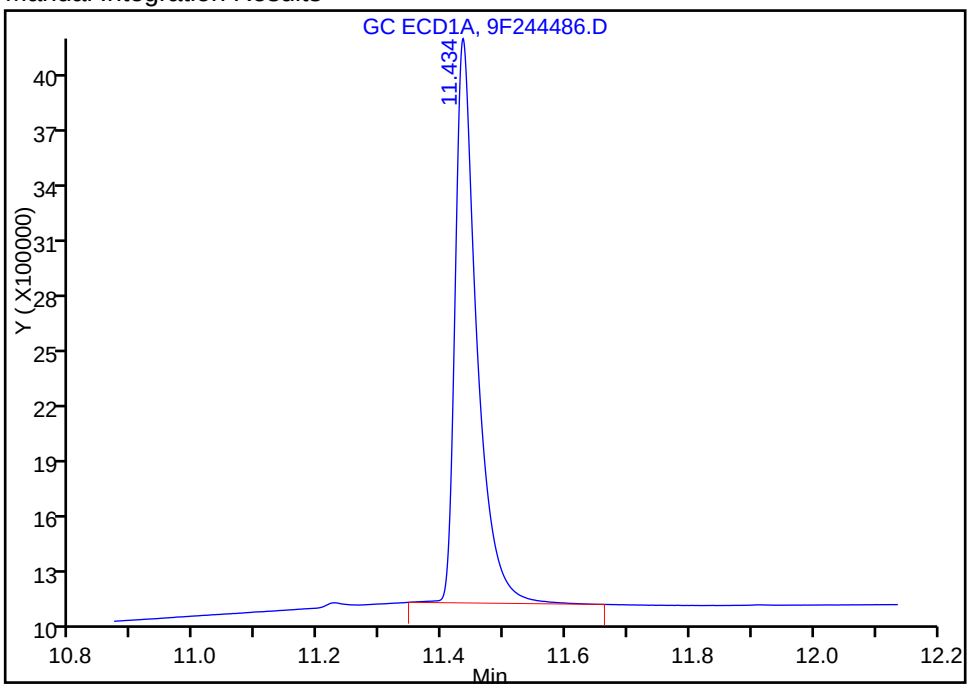
Processing Integration Results

RT: 11.43
Area: 9672425
Amount: 129.1078
Amount Units: ug/l



Manual Integration Results

RT: 11.43
Area: 7361159
Amount: 99.462112
Amount Units: ug/l



Reviewer: kapoors, 05-Oct-2016 07:12:18

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

TestAmerica Edison

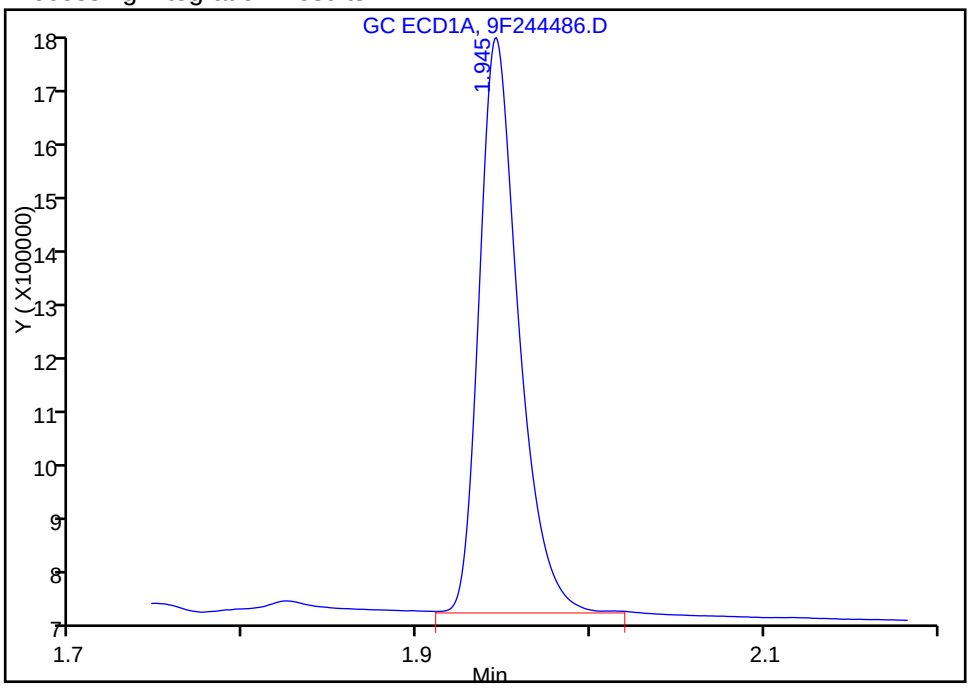
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244486.D				
Injection Date:	04-Oct-2016 17:21:29	Instrument ID:	CPESTGC9		
Lims ID:	460-121138-E-7-A	Lab Sample ID:	460-121138-7		
Client ID:	MW-6 Filtered				
Operator ID:		ALS Bottle#:	32	Worklist Smp#:	32
Injection Vol:	1.0 ul	Dil. 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

Signal: 1

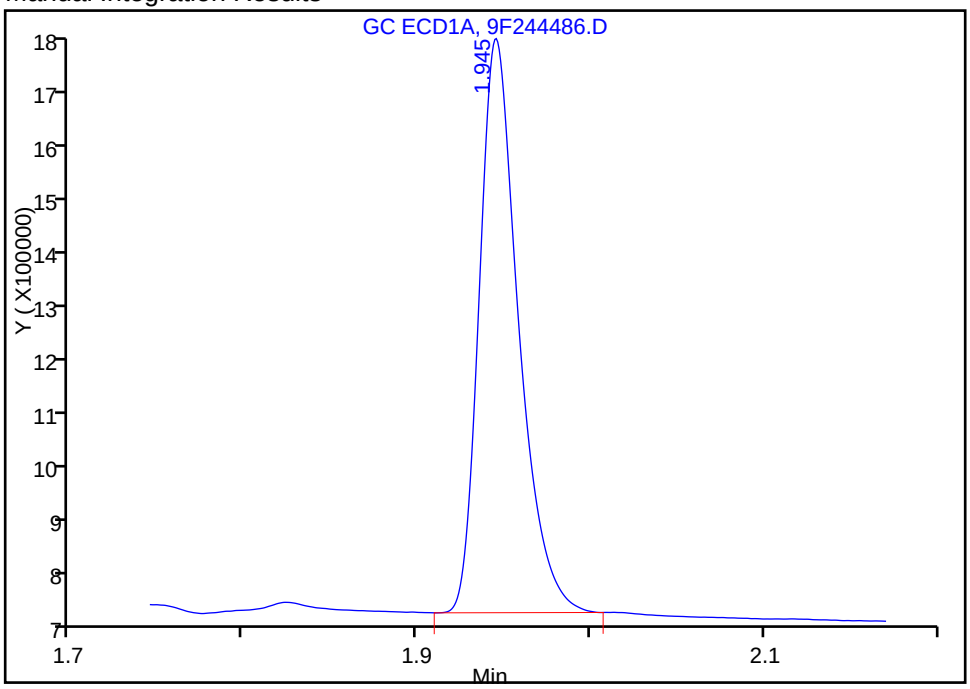
Processing Integration Results

RT: 1.95
Area: 1630166
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.95
Area: 1610414
Amount: 20.000000
Amount Units: ug/l



Reviewer: kapoors, 05-Oct-2016 07:12:18

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-6 Filtered | Lab Sample ID: 460-121138-7

Matrix: Water | Lab File ID: 9F244486.D

Analysis Method: 8082A | Date Collected: 09/28/2016 15:25

Extraction Method: 3510C | Date Extracted: 09/30/2016 20:30

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 17:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394713 | 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	100		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244486.D
Lims ID: 460-121138-E-7-A
Client ID: MW-6 Filtered
Sample Type: Client
Inject. Date: 04-Oct-2016 17:21:29 ALS Bottle#: 32 Worklist Smp#: 32
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046402-032
Operator ID: Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 07:29:18 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: kapoors Date: 05-Oct-2016 07:12:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.945	1.946	-0.001	1610414	20.0	M
2	1.629	1.629	0.000	3188019	20.0	M
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						M
1	11.434	11.424	0.010	7361159	99.5	M
2	10.255	10.254	0.001	12464478	100.4	M
					RPD = 0.96	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

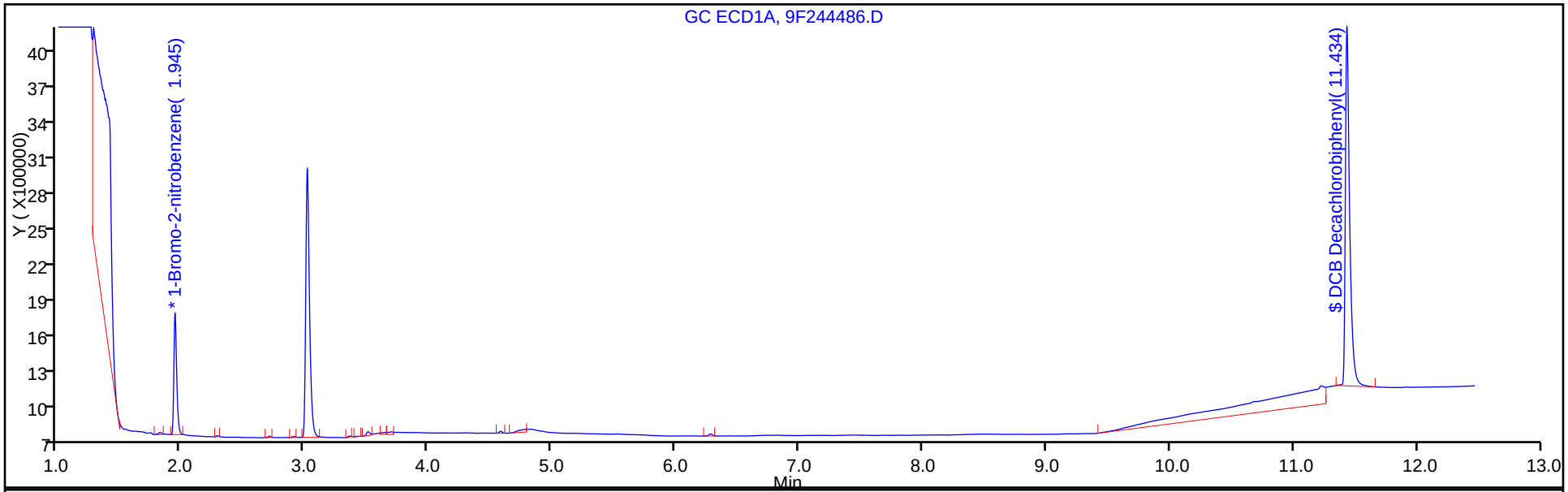
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

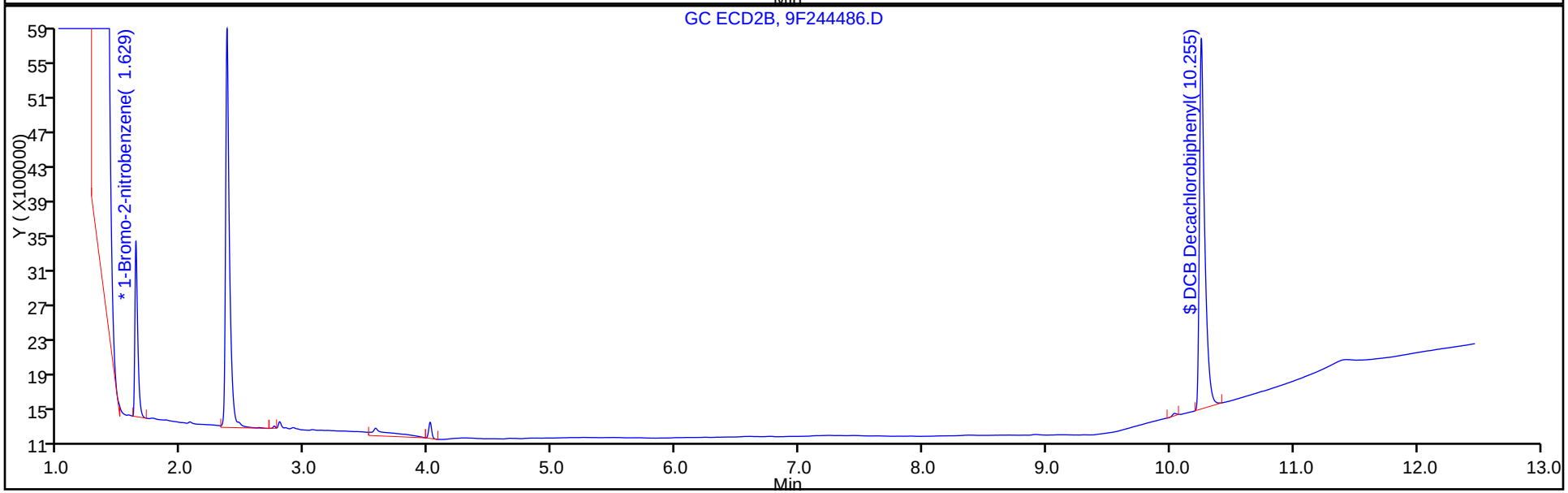
Report Date: 05-Oct-2016 10:37:34 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244486.D

Injection Date:	04-Oct-2016 17:21:29	Instrument ID:	CPESTGC9	Operator ID:	
Lims ID:	460-121138-E-7-A	Lab Sample ID:	460-121138-7	Worklist Smp#:	32
Client ID:	MW-6 Filtered				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	32
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

TestAmerica Edison

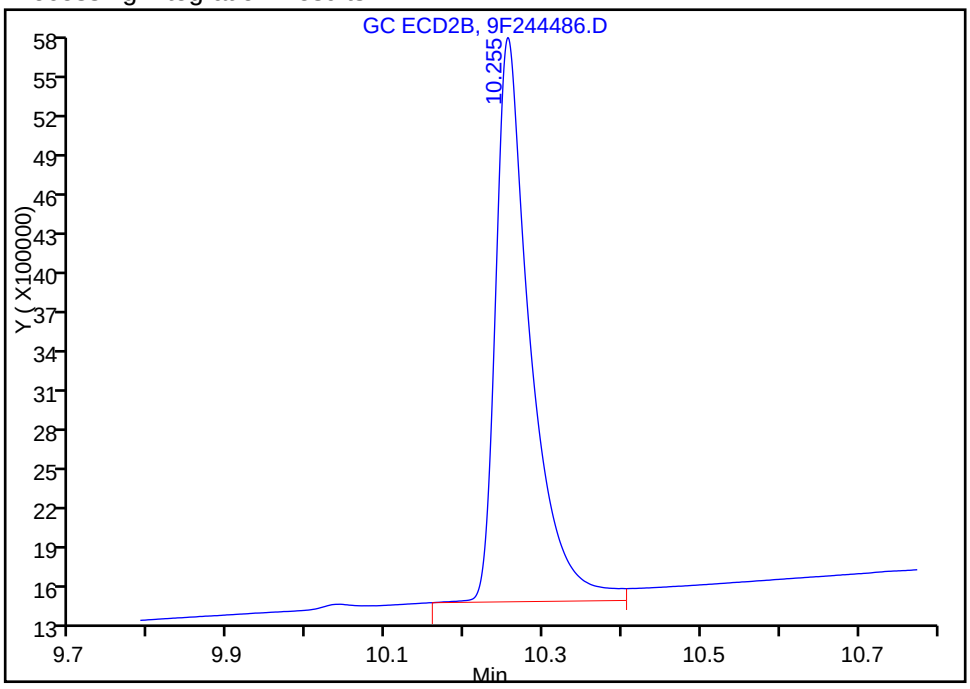
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244486.D		
Injection Date:	04-Oct-2016 17:21:29	Instrument ID:	CPESTGC9
Lims ID:	460-121138-E-7-A	Lab Sample ID:	460-121138-7
Client ID:	MW-6 Filtered		
Operator ID:		ALS Bottle#:	32 Worklist Smp#: 32
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD2B

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

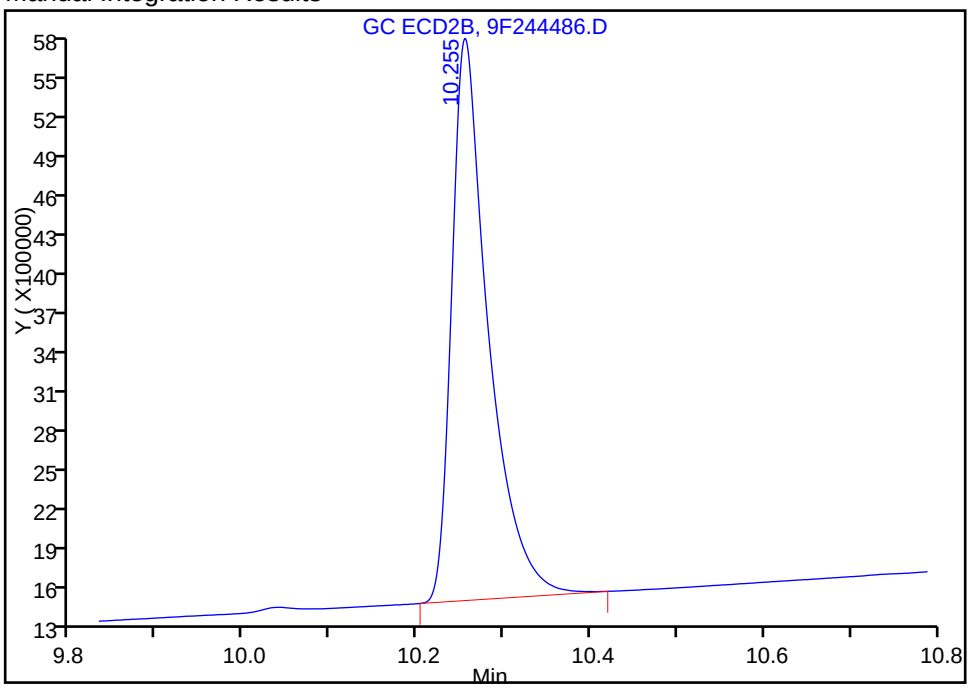
Processing Integration Results

RT: 10.25
Area: 13084269
Amount: 99.759392
Amount Units: ug/l



Manual Integration Results

RT: 10.25
Area: 12464478
Amount: 100.4223
Amount Units: ug/l



Reviewer: kapoors, 05-Oct-2016 07:12:18

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

TestAmerica Edison

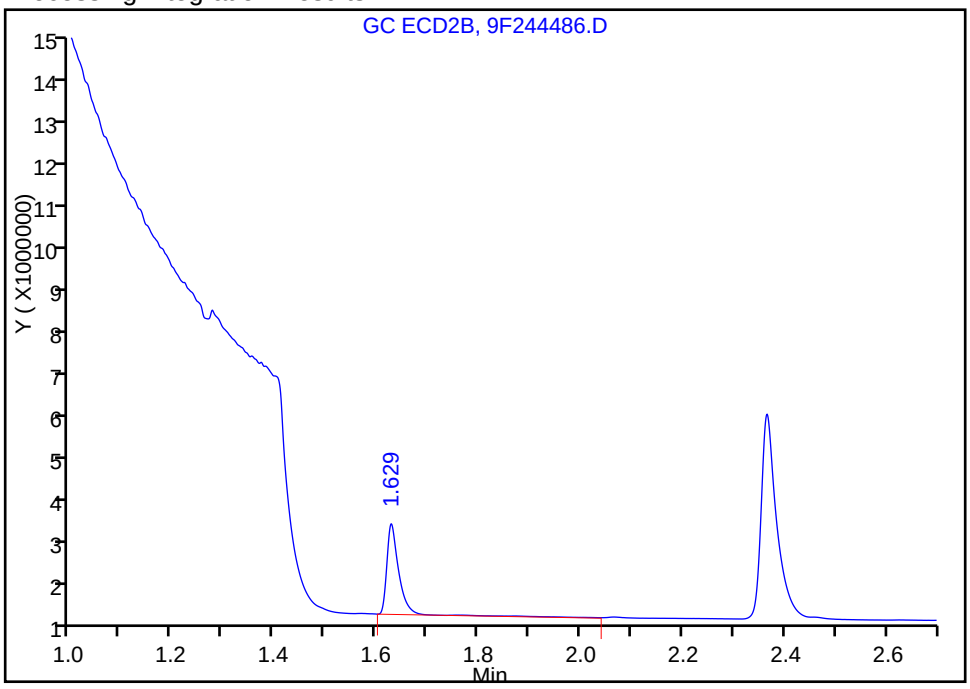
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244486.D				
Injection Date:	04-Oct-2016 17:21:29	Instrument ID:	CPESTGC9		
Lims ID:	460-121138-E-7-A	Lab Sample ID:	460-121138-7		
Client ID:	MW-6 Filtered				
Operator ID:		ALS Bottle#:	32	Worklist Smp#:	32
Injection Vol:	1.0 ul	Dil. 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

Signal: 2

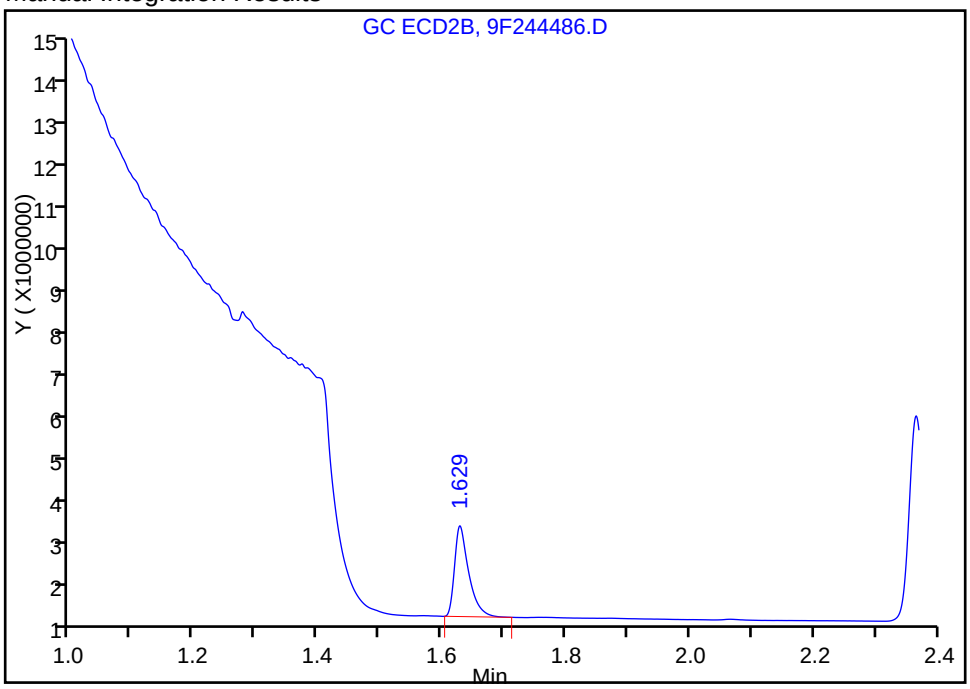
Processing Integration Results

RT: 1.63
Area: 3368780
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.63
Area: 3188019
Amount: 20.000000
Amount Units: ug/l



Reviewer: kapoors, 05-Oct-2016 07:12:18

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-3D | Lab Sample ID: 460-121138-8

Matrix: Water | Lab File ID: 9F244487.D

Analysis Method: 8082A | Date Collected: 09/28/2016 15:20

Extraction Method: 3510C | Date Extracted: 09/30/2016 20:30

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 17:38

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.: 394713 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	94		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244487.D
Lims ID: 460-121138-F-8-A
Client ID: MW-3D
Sample Type: Client
Inject. Date: 04-Oct-2016 17:38:23 ALS Bottle#: 33 Worklist Smp#: 33
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046402-033
Operator ID: Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 07:29:18 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: kapoors Date: 05-Oct-2016 07:13:21

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.946	1.946	0.000	1679151	20.0	
2	1.629	1.629	0.000	3315098	20.0	M
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						M
1	11.434	11.424	0.010	7228038	93.7	M
2	10.255	10.254	0.001	12497997	96.8	M
					RPD = 3.32	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

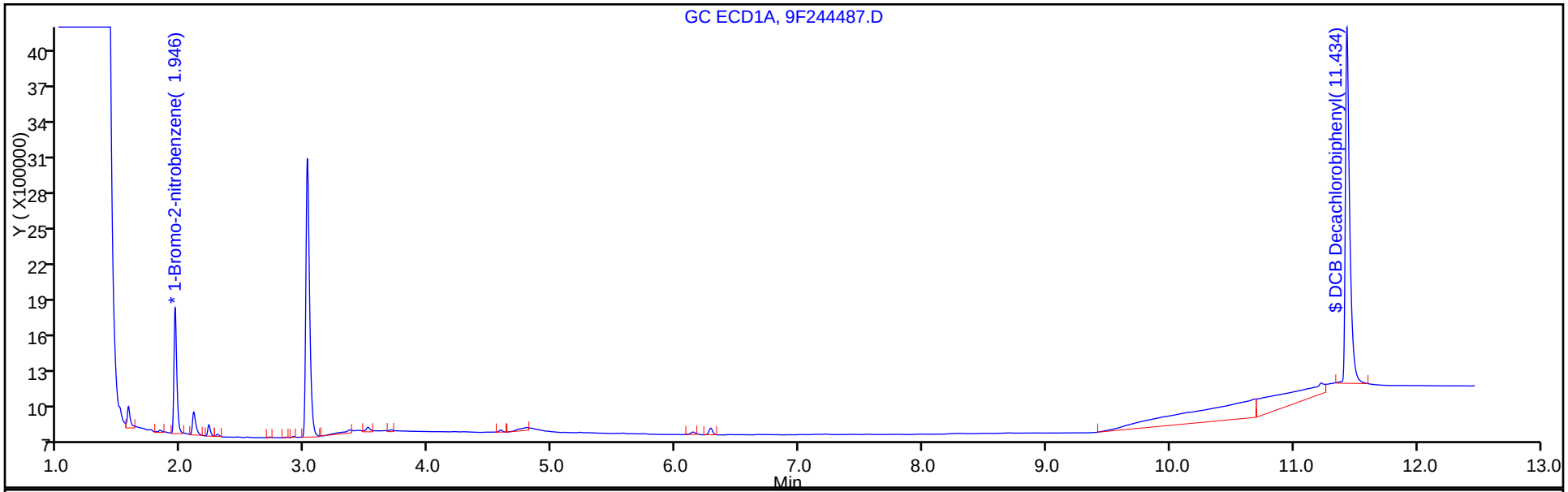
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

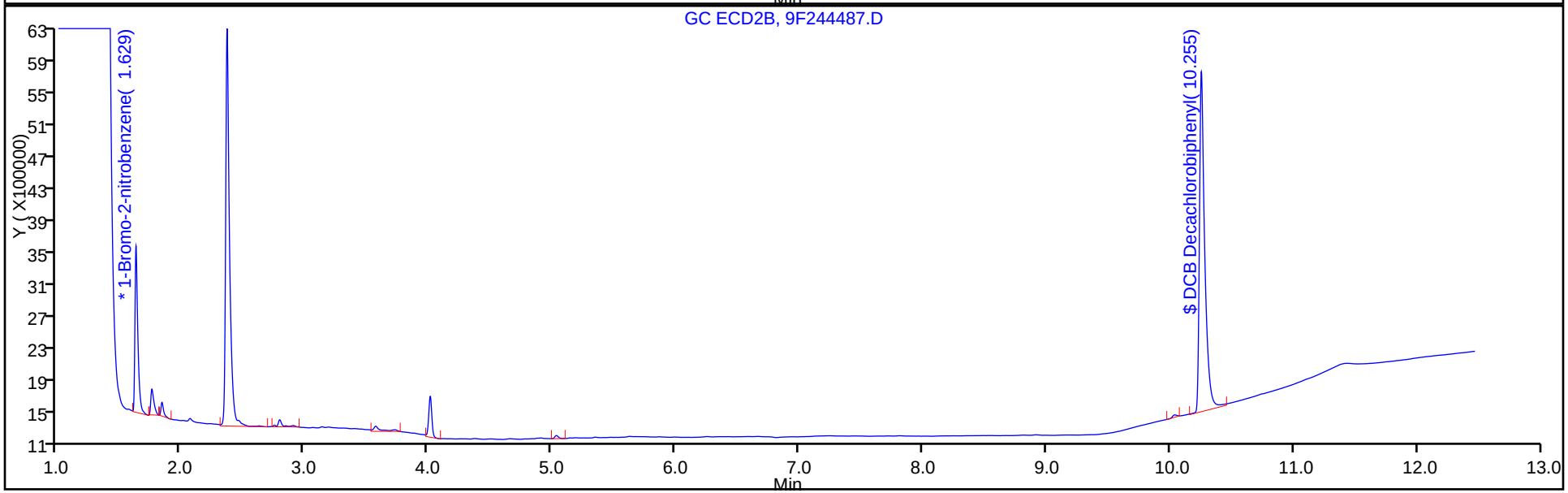
Report Date: 05-Oct-2016 10:37:35 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244487.D

Injection Date:	04-Oct-2016 17:38:23	Instrument ID:	CPESTGC9	Operator ID:	
Lims ID:	460-121138-F-8-A	Lab Sample ID:	460-121138-8	Worklist Smp#:	33
Client ID:	MW-3D				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	33
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

TestAmerica Edison

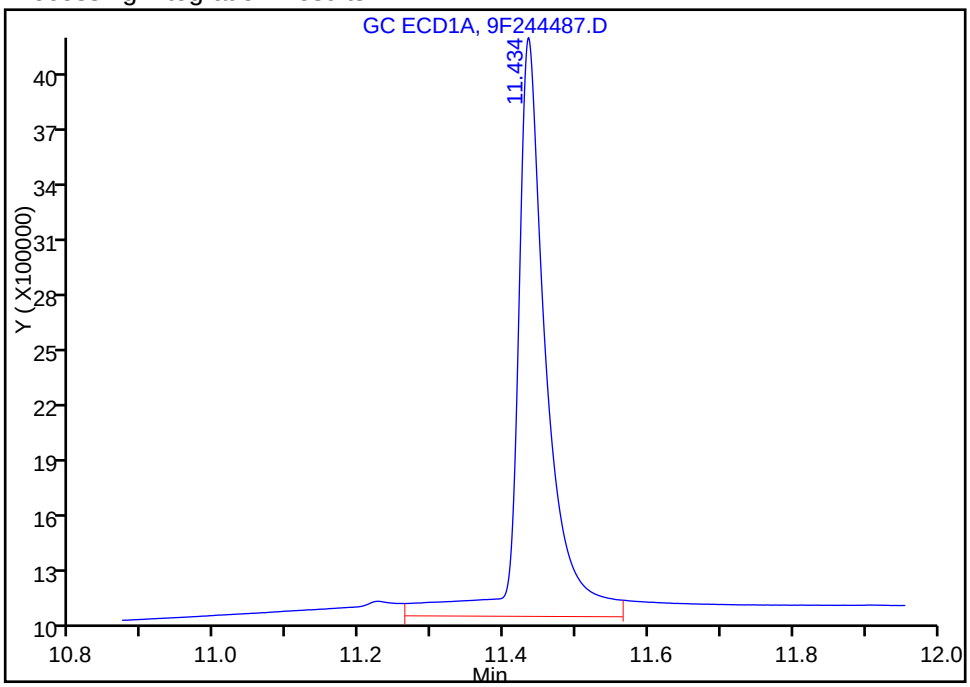
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244487.D		
Injection Date:	04-Oct-2016 17:38:23	Instrument ID:	CPESTGC9
Lims ID:	460-121138-F-8-A	Lab Sample ID:	460-121138-8
Client ID:	MW-3D		
Operator ID:		ALS Bottle#:	33 Worklist Smp#: 33
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD1A

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

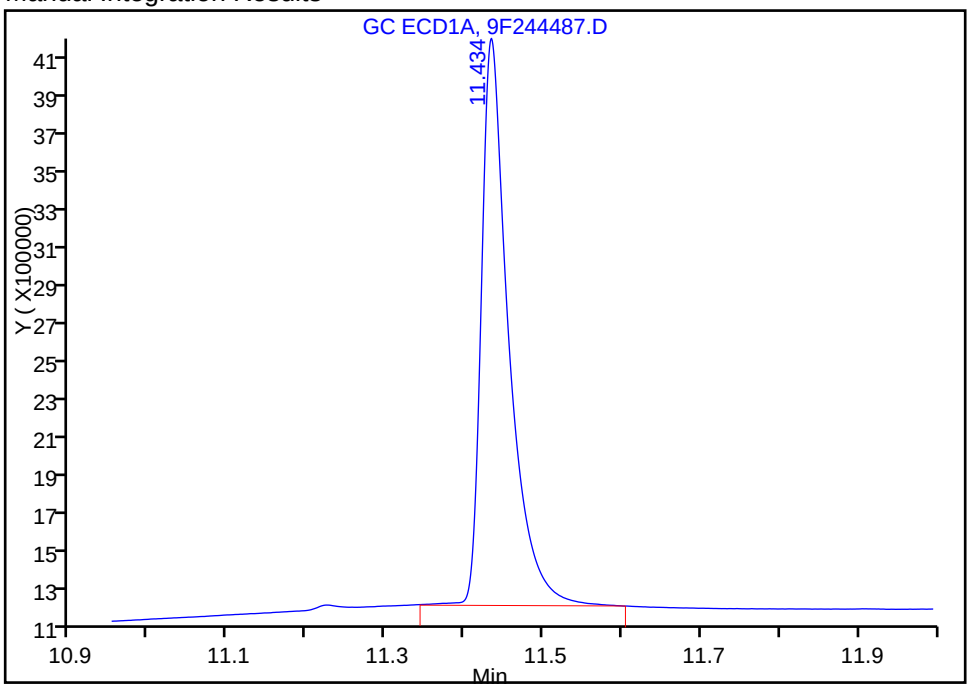
Processing Integration Results

RT: 11.43
Area: 8594640
Amount: 111.3748
Amount Units: ug/l



Manual Integration Results

RT: 11.43
Area: 7228038
Amount: 93.665507
Amount Units: ug/l



Reviewer: kapoors, 05-Oct-2016 07:13:21

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: MW-3D | Lab Sample ID: 460-121138-8

Matrix: Water | Lab File ID: 9F244487.D

Analysis Method: 8082A | Date Collected: 09/28/2016 15:20

Extraction Method: 3510C | Date Extracted: 09/30/2016 20:30

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 17:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394713 | 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	97		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244487.D
Lims ID: 460-121138-F-8-A
Client ID: MW-3D
Sample Type: Client
Inject. Date: 04-Oct-2016 17:38:23 ALS Bottle#: 33 Worklist Smp#: 33
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046402-033
Operator ID: Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 07:29:18 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: kapoors Date: 05-Oct-2016 07:13:21

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.946	1.946	0.000	1679151	20.0	
2	1.629	1.629	0.000	3315098	20.0	M
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						M
1	11.434	11.424	0.010	7228038	93.7	M
2	10.255	10.254	0.001	12497997	96.8	M
					RPD = 3.32	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

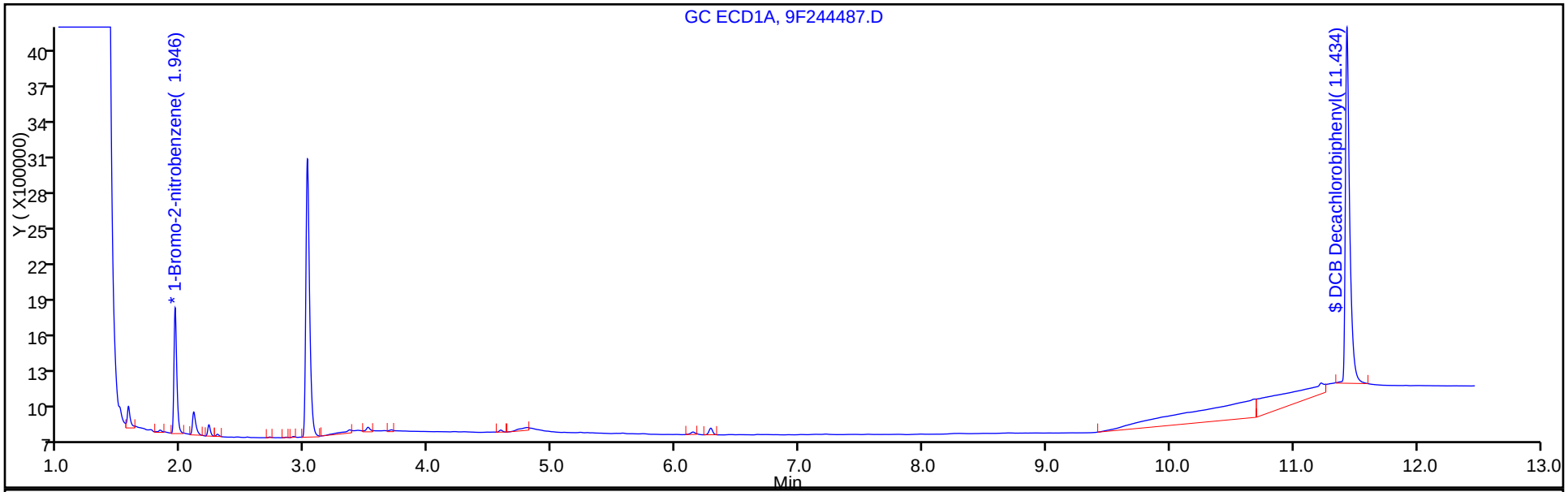
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

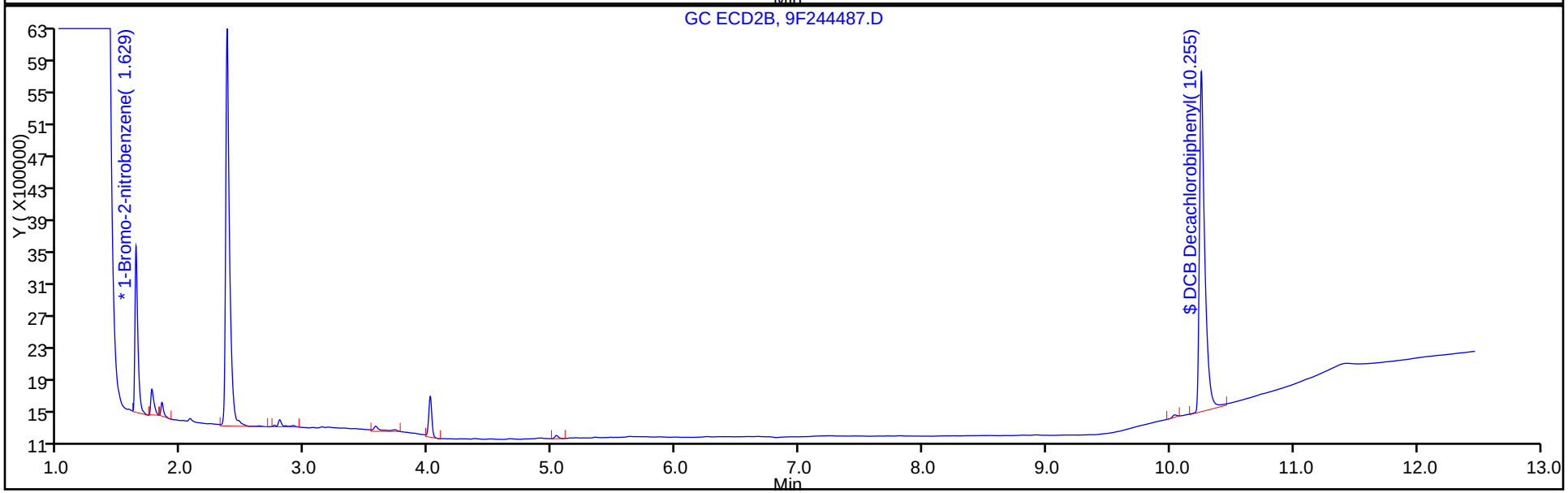
Report Date: 05-Oct-2016 10:37:35 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244487.D

Injection Date:	04-Oct-2016 17:38:23	Instrument ID:	CPESTGC9	Operator ID:	
Lims ID:	460-121138-F-8-A	Lab Sample ID:	460-121138-8	Worklist Smp#:	33
Client ID:	MW-3D				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	33
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

TestAmerica Edison

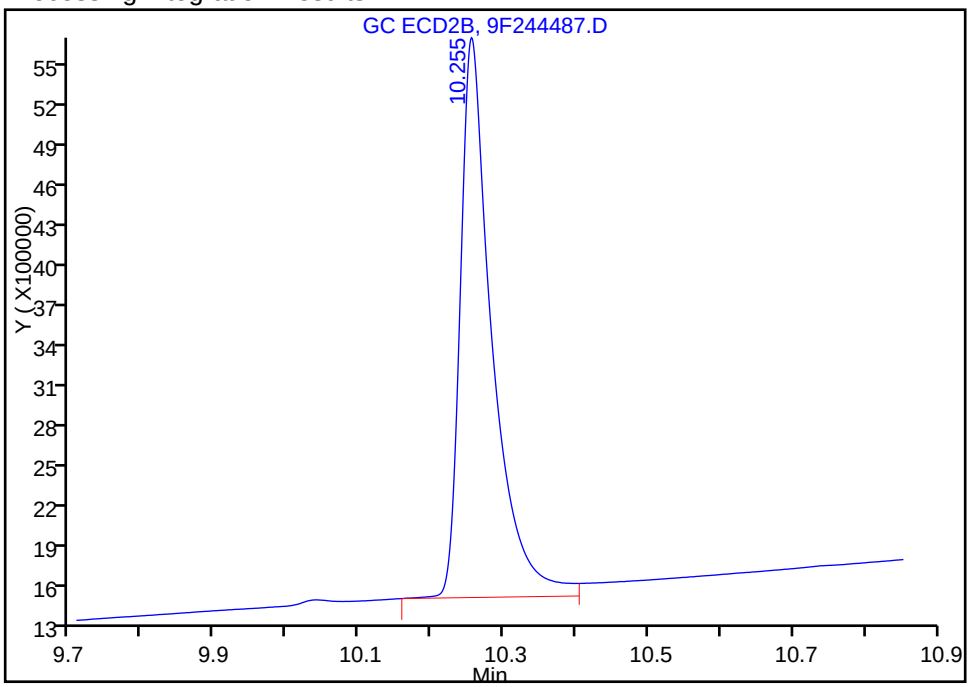
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244487.D		
Injection Date:	04-Oct-2016 17:38:23	Instrument ID:	CPESTGC9
Lims ID:	460-121138-F-8-A	Lab Sample ID:	460-121138-8
Client ID:	MW-3D		
Operator ID:		ALS Bottle#:	33 Worklist Smp#: 33
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD2B

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

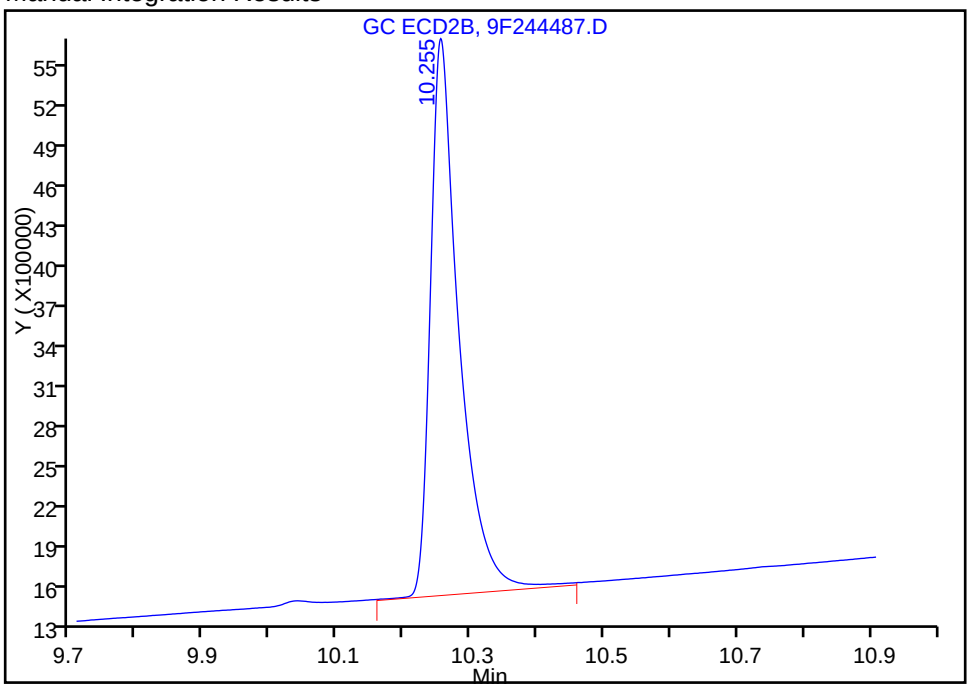
Processing Integration Results

RT: 10.25
Area: 12873212
Amount: 94.787636
Amount Units: ug/l



Manual Integration Results

RT: 10.25
Area: 12497997
Amount: 96.832473
Amount Units: ug/l



Reviewer: kapoors, 05-Oct-2016 07:13:21

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

TestAmerica Edison

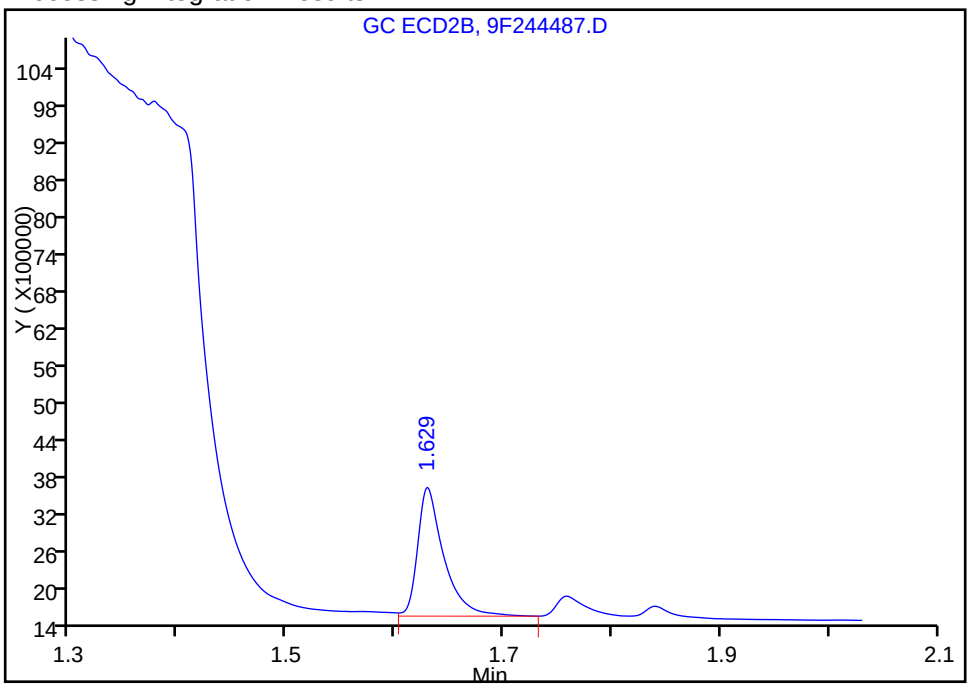
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244487.D				
Injection Date:	04-Oct-2016 17:38:23	Instrument ID:	CPESTGC9		
Lims ID:	460-121138-F-8-A	Lab Sample ID:	460-121138-8		
Client ID:	MW-3D				
Operator ID:		ALS Bottle#:	33	Worklist Smp#:	33
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

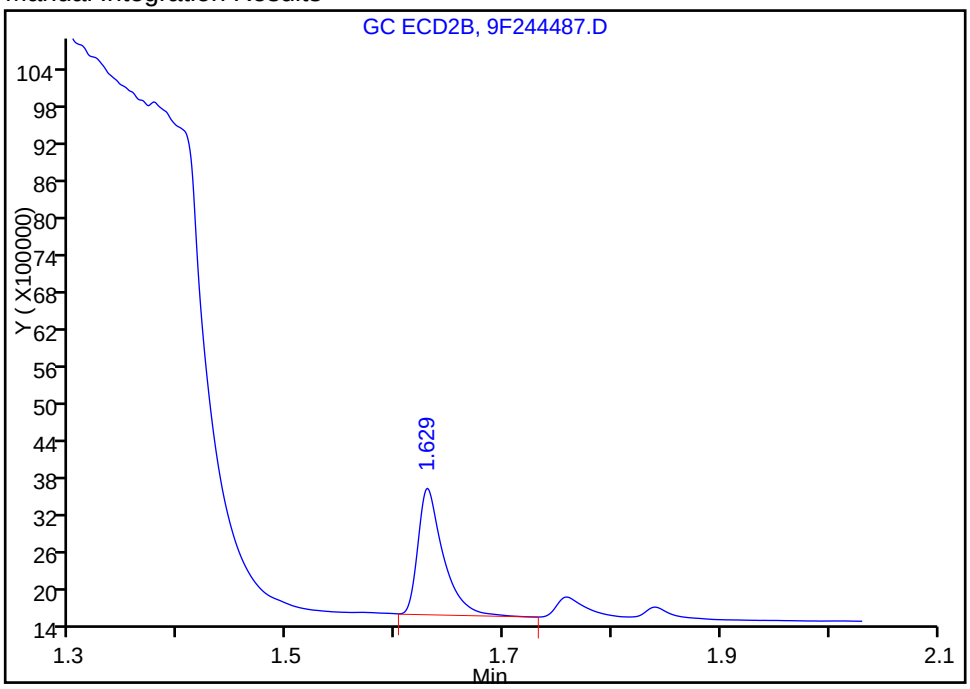
Processing Integration Results

RT: 1.63
Area: 3488287
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.63
Area: 3315098
Amount: 20.000000
Amount Units: ug/l



Reviewer: kapoors, 05-Oct-2016 07:13:21

Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: FB-20160928 | Lab Sample ID: 460-121138-9

Matrix: Water | Lab File ID: 9F244488.D

Analysis Method: 8082A | Date Collected: 09/28/2016 16:25

Extraction Method: 3510C | Date Extracted: 09/30/2016 20:30

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 17:55

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.: 394713 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	89		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244488.D
Lims ID: 460-121138-E-9-A
Client ID: FB-20160928
Sample Type: Client
Inject. Date: 04-Oct-2016 17:55:12 ALS Bottle#: 34 Worklist Smp#: 34
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046402-034
Operator ID: Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 07:29:18 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: kapoors Date: 05-Oct-2016 07:14:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.944	1.946	-0.002	1544760	20.0	M
2	1.628	1.629	-0.001	2786157	20.0	M
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						M
1	11.430	11.424	0.006	6298773	88.7	M
2	10.254	10.254	0.000	10807294	99.6	M
					RPD = 11.58	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

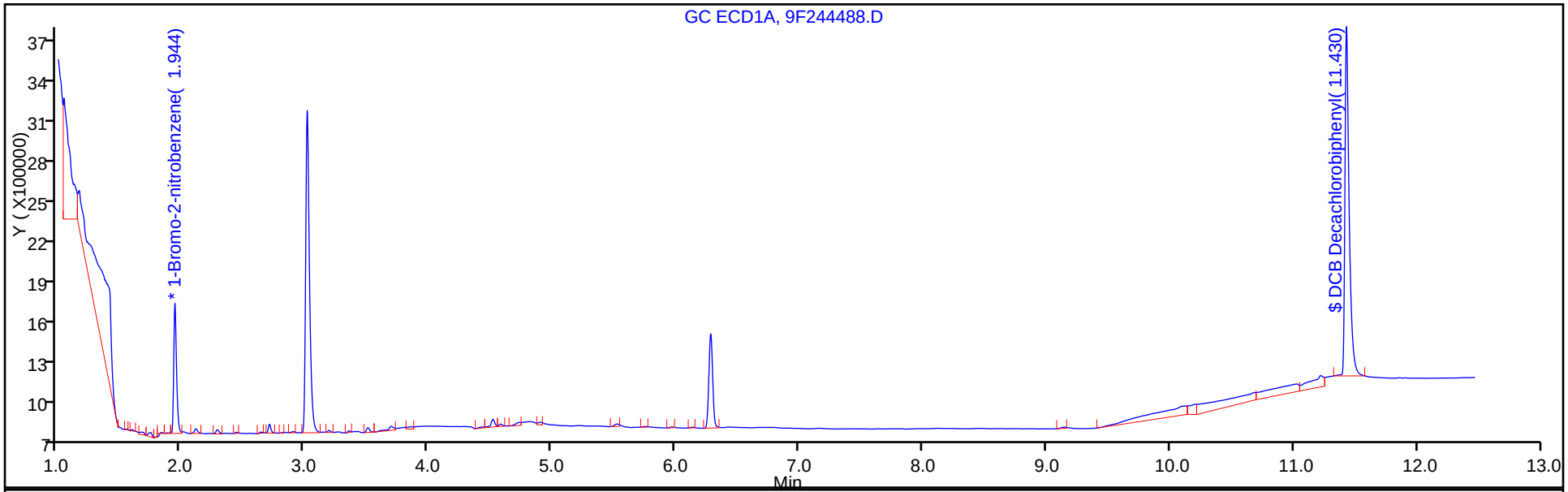
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

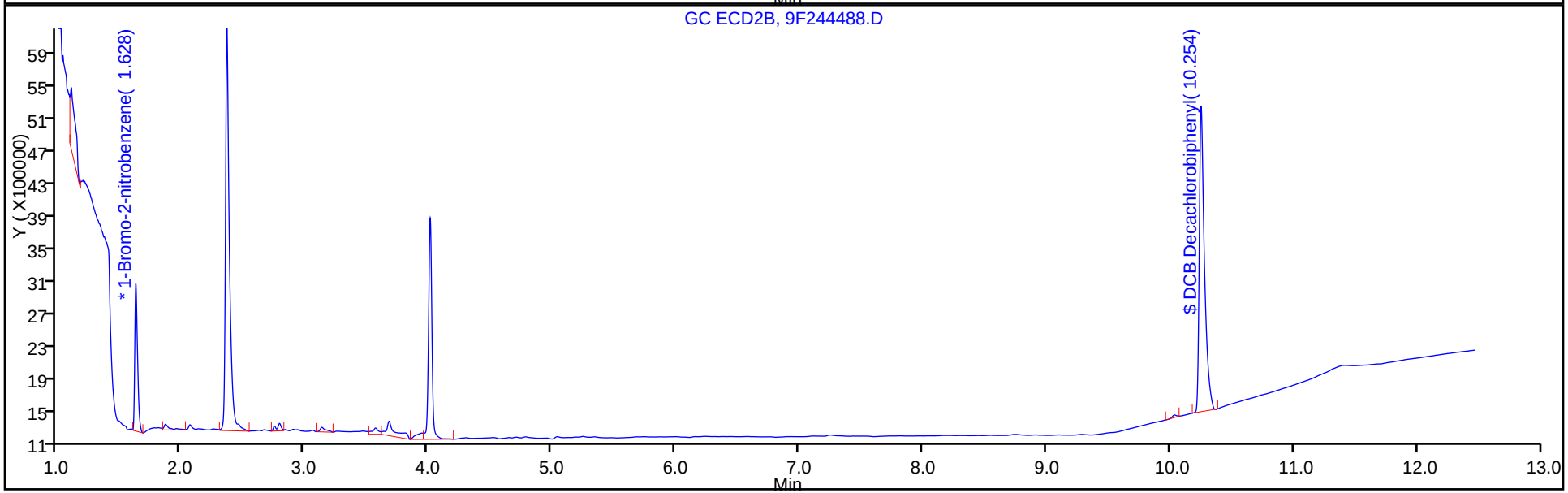
Report Date: 05-Oct-2016 10:37:37 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244488.D

Injection Date:	04-Oct-2016 17:55:12	Instrument ID:	CPESTGC9	Operator ID:	
Lims ID:	460-121138-E-9-A	Lab Sample ID:	460-121138-9	Worklist Smp#:	34
Client ID:	FB-20160928				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	34
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

TestAmerica Edison

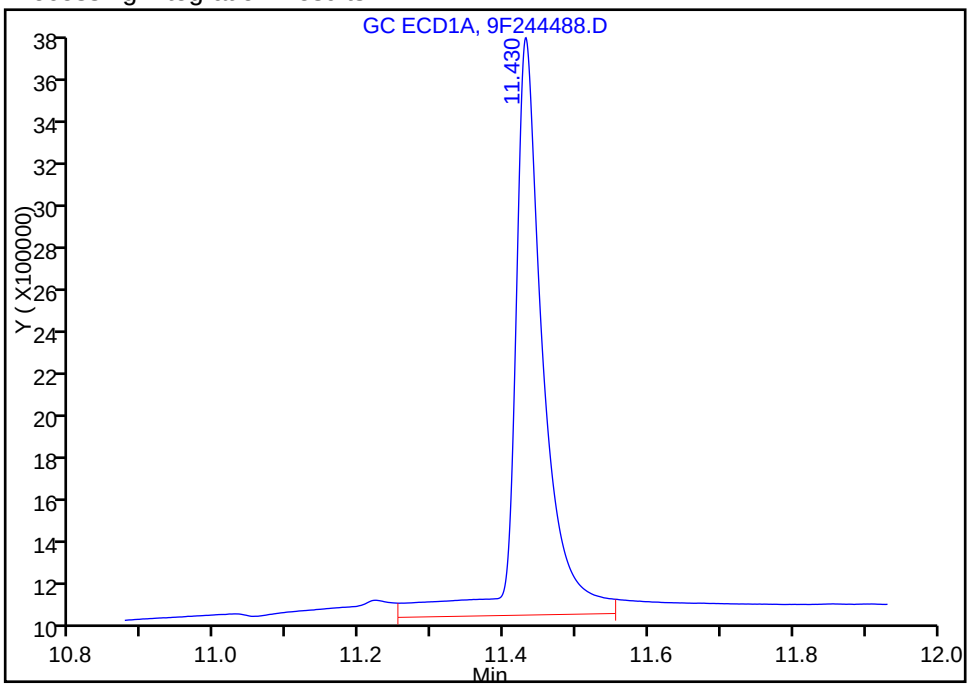
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244488.D				
Injection Date:	04-Oct-2016 17:55:12	Instrument ID:	CPESTGC9		
Lims ID:	460-121138-E-9-A	Lab Sample ID:	460-121138-9		
Client ID:	FB-20160928				
Operator ID:		ALS Bottle#:	34	Worklist Smp#:	34
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

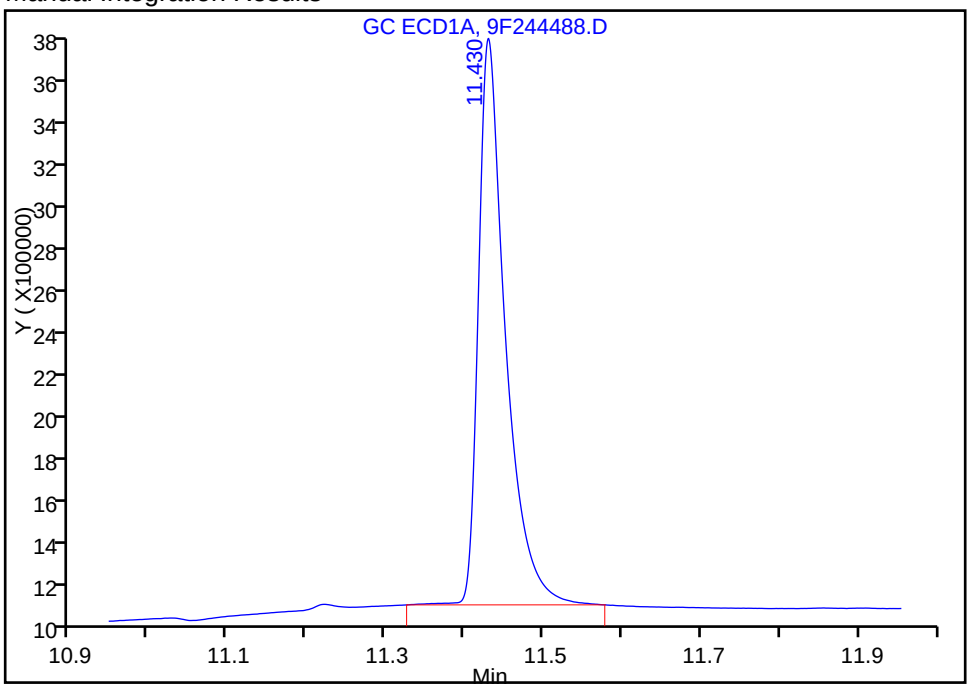
Processing Integration Results

RT: 11.43
Area: 7501065
Amount: 102.0926
Amount Units: ug/l



Manual Integration Results

RT: 11.43
Area: 6298773
Amount: 88.724581
Amount Units: ug/l



Reviewer: kapoors, 05-Oct-2016 07:14:18

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

TestAmerica Edison

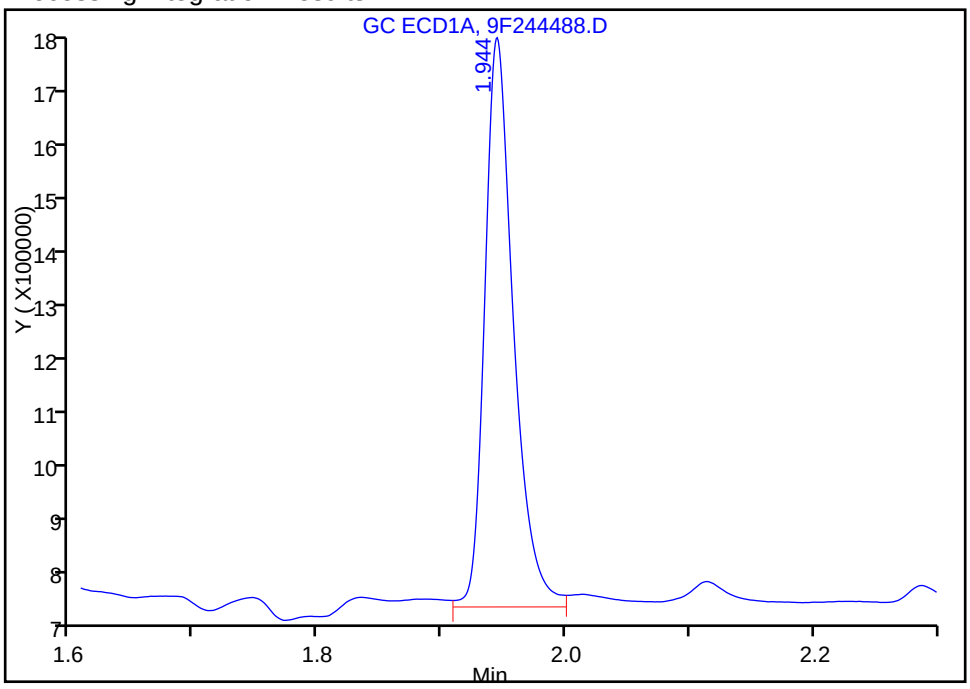
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244488.D		
Injection Date:	04-Oct-2016 17:55:12	Instrument ID:	CPESTGC9
Lims ID:	460-121138-E-9-A	Lab Sample ID:	460-121138-9
Client ID:	FB-20160928		
Operator ID:		ALS Bottle#:	34 Worklist Smp#: 34
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD1A

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 1

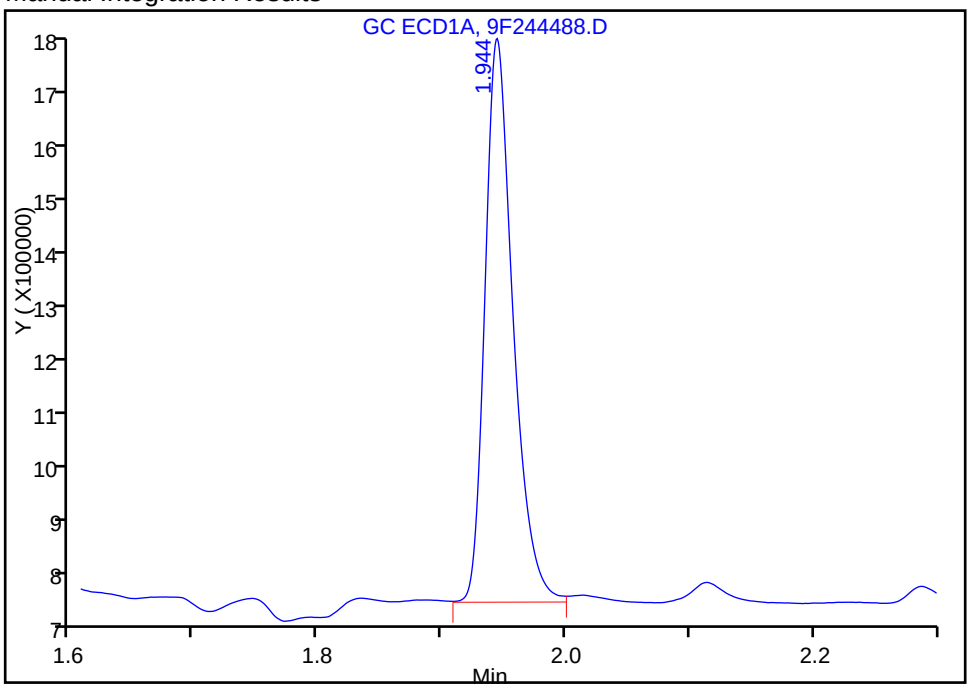
Processing Integration Results

RT: 1.94
Area: 1598740
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.94
Area: 1544760
Amount: 20.000000
Amount Units: ug/l



Reviewer: kapoors, 05-Oct-2016 07:14:18
Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: FB-20160928 | Lab Sample ID: 460-121138-9

Matrix: Water | Lab File ID: 9F244488.D

Analysis Method: 8082A | Date Collected: 09/28/2016 16:25

Extraction Method: 3510C | Date Extracted: 09/30/2016 20:30

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 17:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394713 | 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	100		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244488.D
Lims ID: 460-121138-E-9-A
Client ID: FB-20160928
Sample Type: Client
Inject. Date: 04-Oct-2016 17:55:12 ALS Bottle#: 34 Worklist Smp#: 34
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046402-034
Operator ID: Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 07:29:18 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: kapoors Date: 05-Oct-2016 07:14:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.944	1.946	-0.002	1544760	20.0	M
2	1.628	1.629	-0.001	2786157	20.0	M
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						M
1	11.430	11.424	0.006	6298773	88.7	M
2	10.254	10.254	0.000	10807294	99.6	M
					RPD = 11.58	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

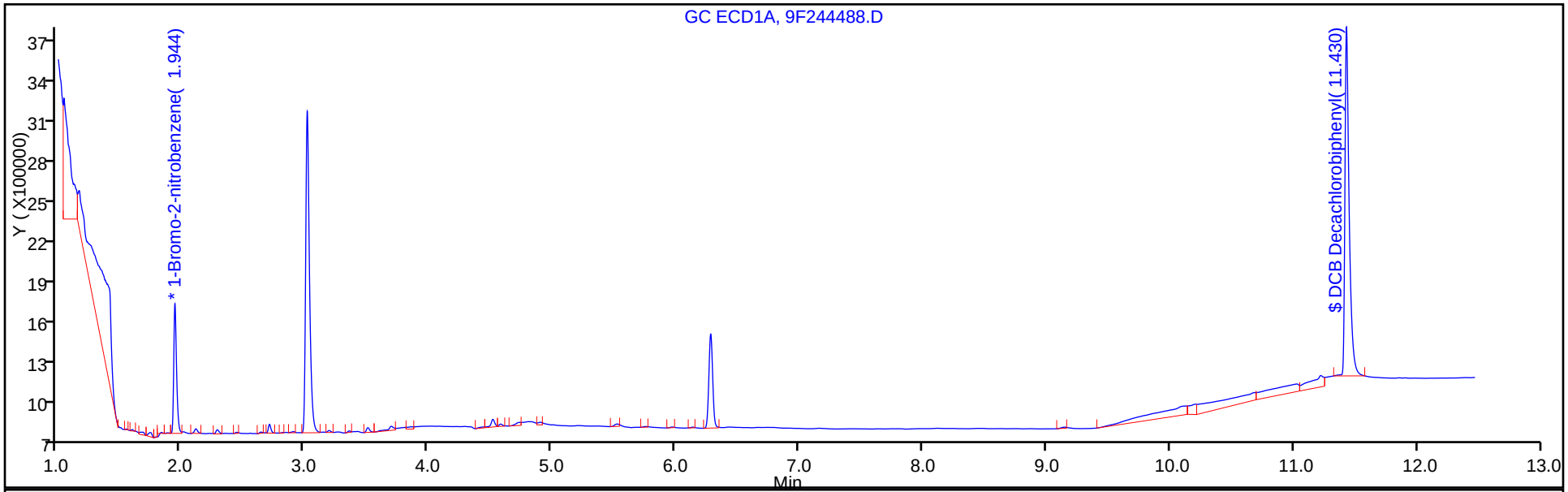
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

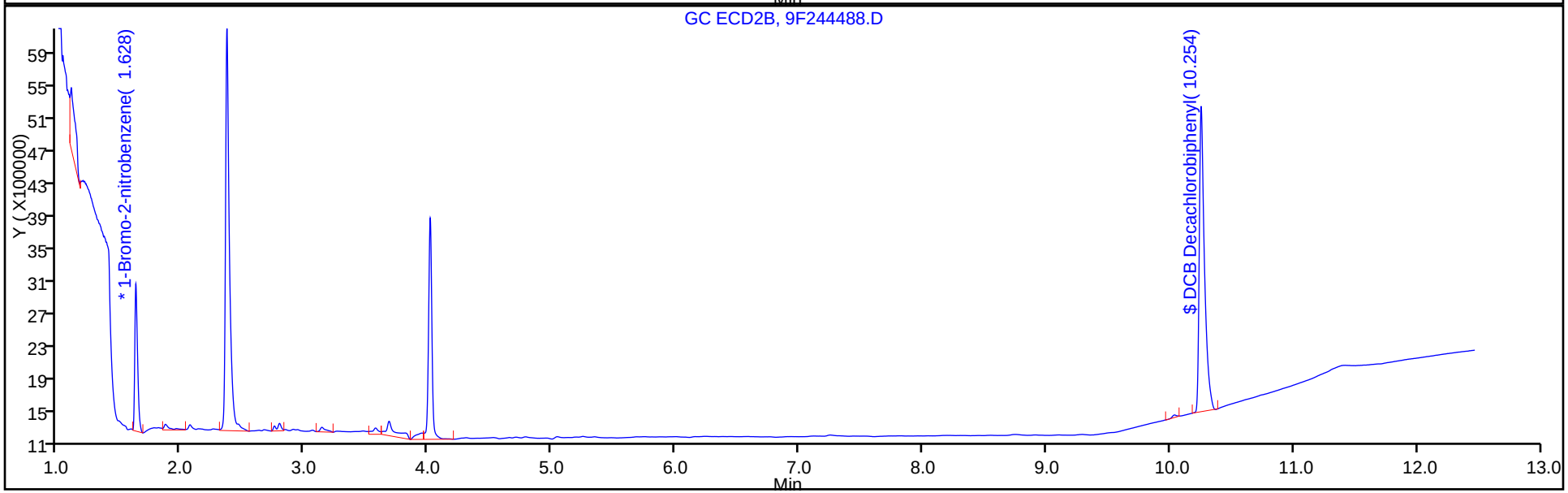
Report Date: 05-Oct-2016 10:37:37 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244488.D

Injection Date:	04-Oct-2016 17:55:12	Instrument ID:	CPESTGC9	Operator ID:	
Lims ID:	460-121138-E-9-A	Lab Sample ID:	460-121138-9	Worklist Smp#:	34
Client ID:	FB-20160928				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	34
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

TestAmerica Edison

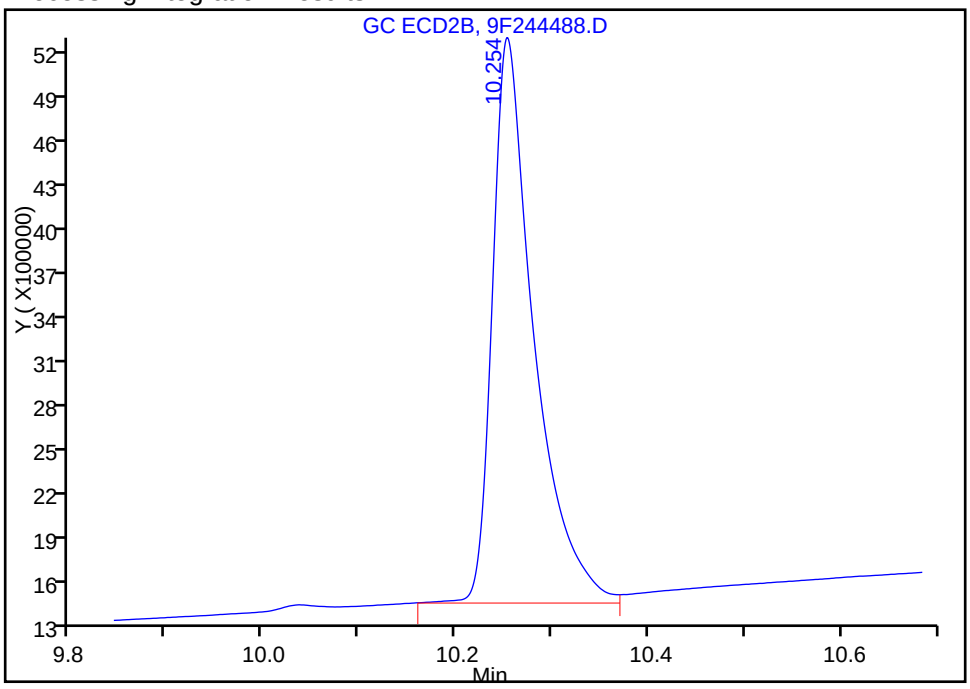
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244488.D		
Injection Date:	04-Oct-2016 17:55:12	Instrument ID:	CPESTGC9
Lims ID:	460-121138-E-9-A	Lab Sample ID:	460-121138-9
Client ID:	FB-20160928		
Operator ID:		ALS Bottle#:	34 Worklist Smp#: 34
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD2B

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

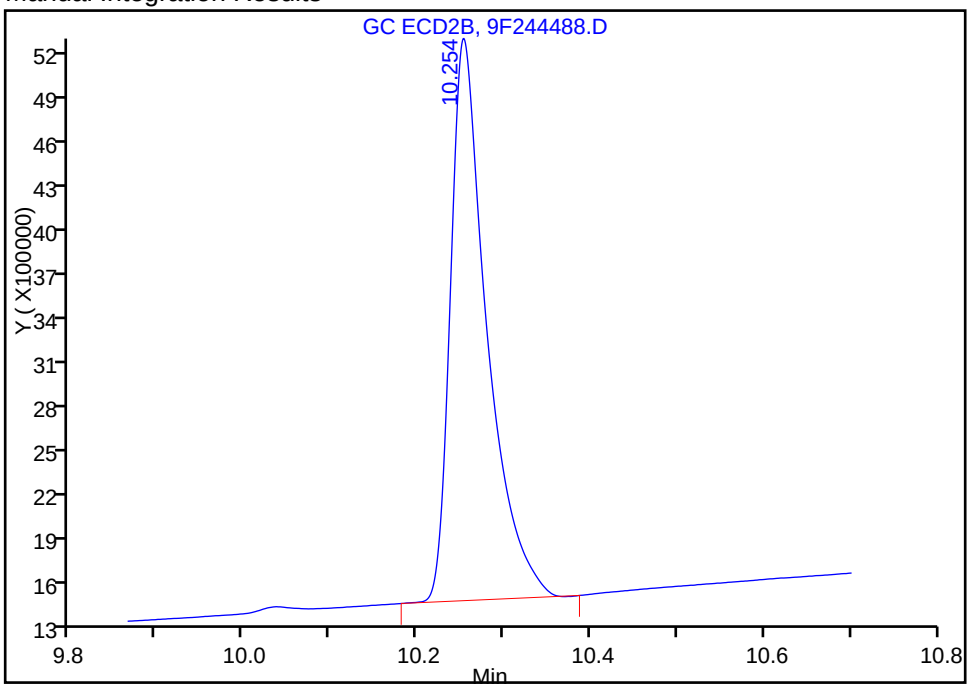
Processing Integration Results

RT: 10.25
Area: 11202334
Amount: 102.9422
Amount Units: ug/l



Manual Integration Results

RT: 10.25
Area: 10807294
Amount: 99.629594
Amount Units: ug/l



Reviewer: kapoors, 05-Oct-2016 07:14:18

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

TestAmerica Edison

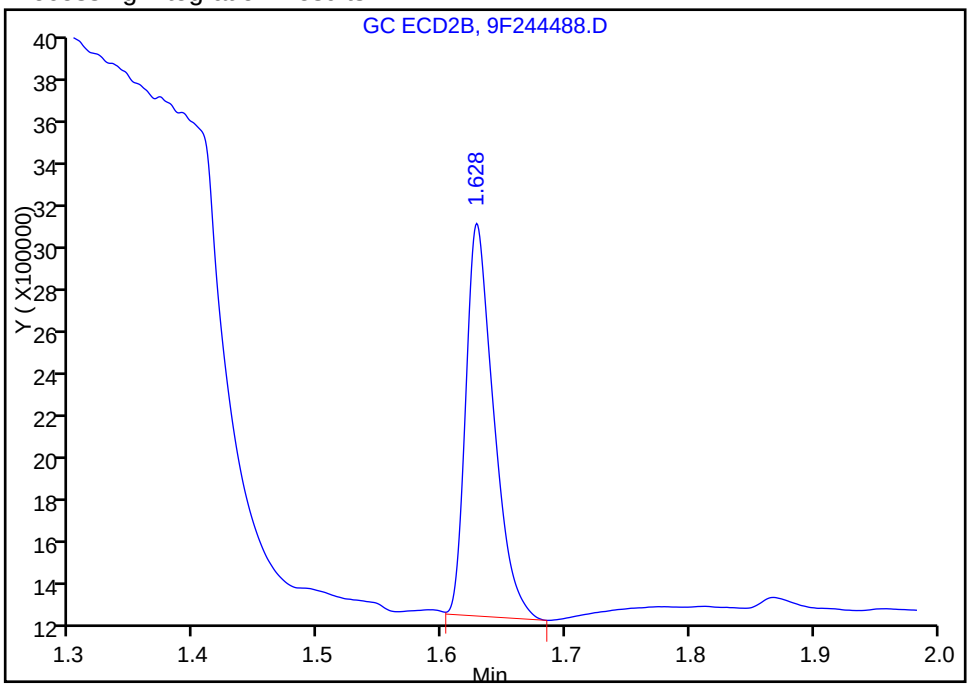
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244488.D		
Injection Date:	04-Oct-2016 17:55:12	Instrument ID:	CPESTGC9
Lims ID:	460-121138-E-9-A	Lab Sample ID:	460-121138-9
Client ID:	FB-20160928		
Operator ID:		ALS Bottle#:	34 Worklist Smp#: 34
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD2B

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

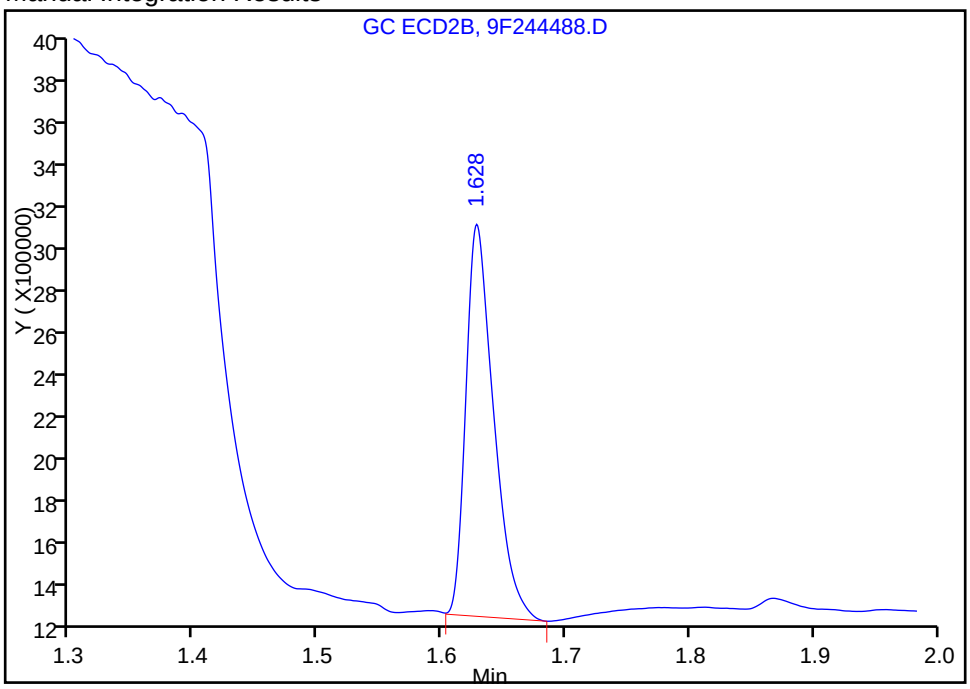
Processing Integration Results

RT: 1.63
Area: 2795066
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.63
Area: 2786157
Amount: 20.000000
Amount Units: ug/l



Reviewer: kapoors, 05-Oct-2016 07:14:18
Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: DUP-20160928 | Lab Sample ID: 460-121138-10

Matrix: Water | Lab File ID: 9F244489.D

Analysis Method: 8082A | Date Collected: 09/28/2016 00:00

Extraction Method: 3510C | Date Extracted: 09/30/2016 20:30

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 18:12

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.: 394713 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244489.D
Lims ID: 460-121138-G-10-A
Client ID: DUP-20160928
Sample Type: Client
Inject. Date: 04-Oct-2016 18:12:04 ALS Bottle#: 35 Worklist Smp#: 35
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046402-035
Operator ID: Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 07:29:18 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: kapoors Date: 05-Oct-2016 07:14:45

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.945	1.946	-0.001	1516549	20.0	M
2	1.628	1.629	-0.001	2770959	20.0	M
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						M
1	11.424	11.424	0.000	7694770	110.4	M
2	10.253	10.254	-0.001	13064796	121.1	M
					RPD = 9.24	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

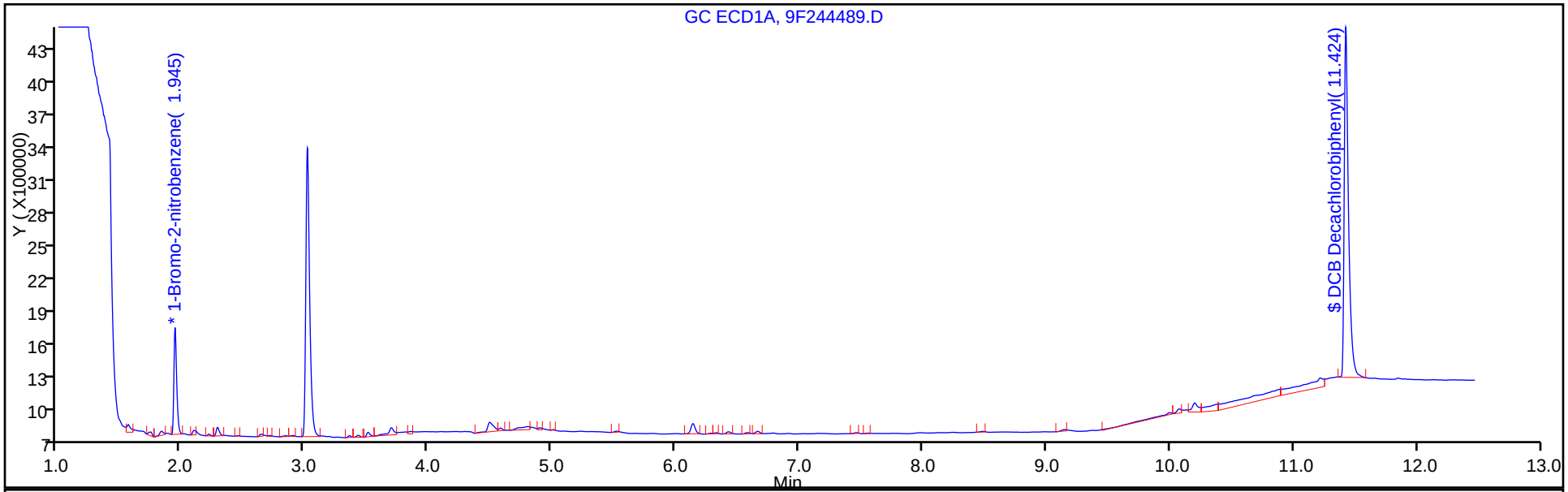
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

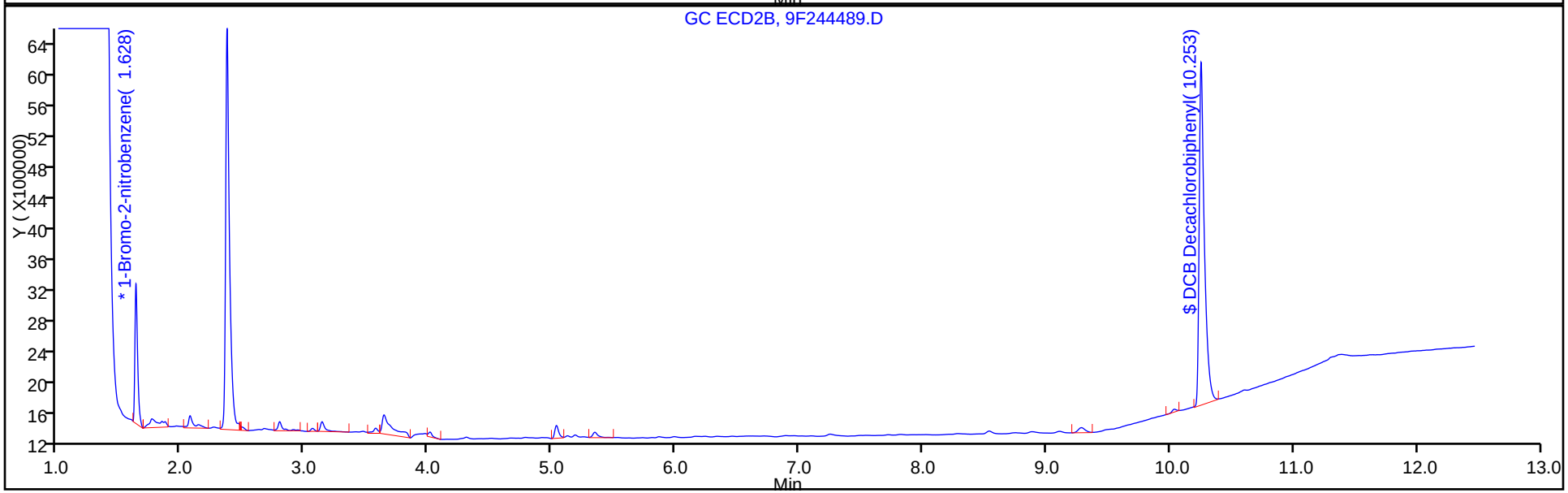
Report Date: 05-Oct-2016 10:37:38 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244489.D

Injection Date:	04-Oct-2016 18:12:04	Instrument ID:	CPESTGC9	Operator ID:	
Lims ID:	460-121138-G-10-A	Lab Sample ID:	460-121138-10	Worklist Smp#:	35
Client ID:	DUP-20160928				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	35
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

TestAmerica Edison

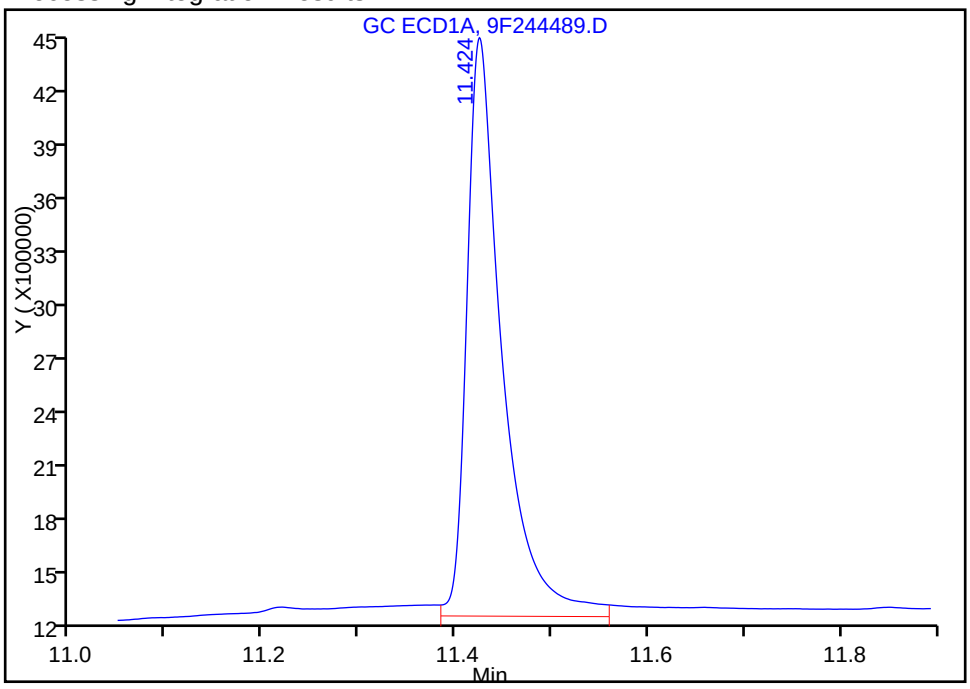
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244489.D		
Injection Date:	04-Oct-2016 18:12:04	Instrument ID:	CPESTGC9
Lims ID:	460-121138-G-10-A	Lab Sample ID:	460-121138-10
Client ID:	DUP-20160928		
Operator ID:		ALS Bottle#:	35 Worklist Smp#: 35
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD1A

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

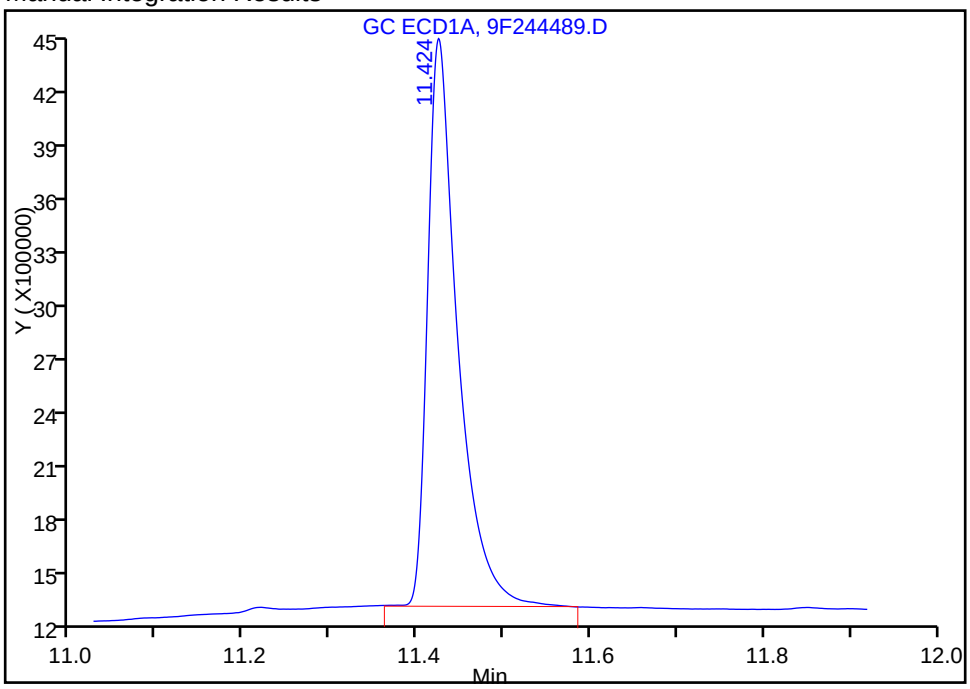
Processing Integration Results

RT: 11.42
Area: 8278026
Amount: 117.3432
Amount Units: ug/l



Manual Integration Results

RT: 11.42
Area: 7694770
Amount: 110.4049
Amount Units: ug/l



Reviewer: kapoors, 05-Oct-2016 07:14:45

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

TestAmerica Edison

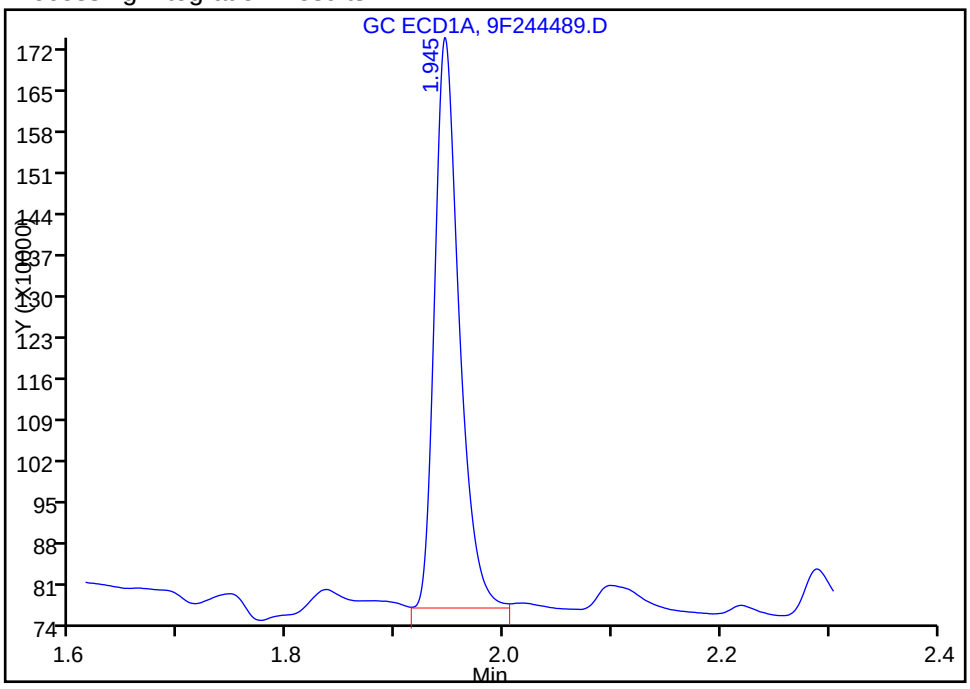
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244489.D		
Injection Date:	04-Oct-2016 18:12:04	Instrument ID:	CPESTGC9
Lims ID:	460-121138-G-10-A	Lab Sample ID:	460-121138-10
Client ID:	DUP-20160928		
Operator ID:		ALS Bottle#:	35 Worklist Smp#: 35
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD1A

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 1

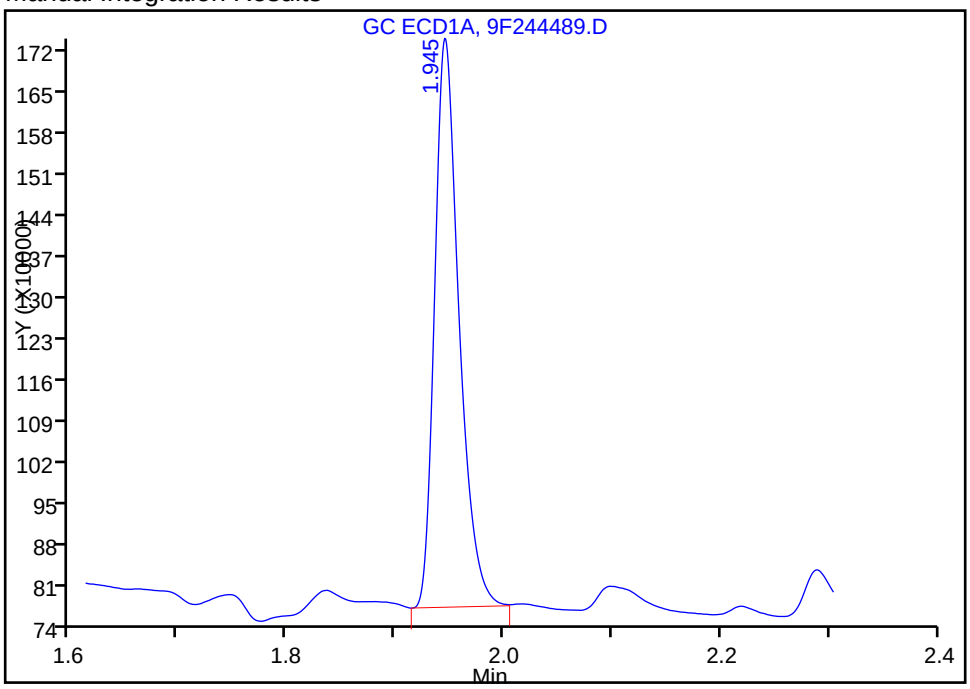
Processing Integration Results

RT: 1.95
Area: 1535033
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.95
Area: 1516549
Amount: 20.000000
Amount Units: ug/l



Reviewer: kapoors, 05-Oct-2016 07:15:36

Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: DUP-20160928 | Lab Sample ID: 460-121138-10

Matrix: Water | Lab File ID: 9F244489.D

Analysis Method: 8082A | Date Collected: 09/28/2016 00:00

Extraction Method: 3510C | Date Extracted: 09/30/2016 20:30

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 18:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394713 | 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	121		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244489.D
Lims ID: 460-121138-G-10-A
Client ID: DUP-20160928
Sample Type: Client
Inject. Date: 04-Oct-2016 18:12:04 ALS Bottle#: 35 Worklist Smp#: 35
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046402-035
Operator ID: Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 07:29:18 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: kapoors Date: 05-Oct-2016 07:14:45

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.945	1.946	-0.001	1516549	20.0	M
2	1.628	1.629	-0.001	2770959	20.0	M
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						M
1	11.424	11.424	0.000	7694770	110.4	M
2	10.253	10.254	-0.001	13064796	121.1	M
					RPD = 9.24	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

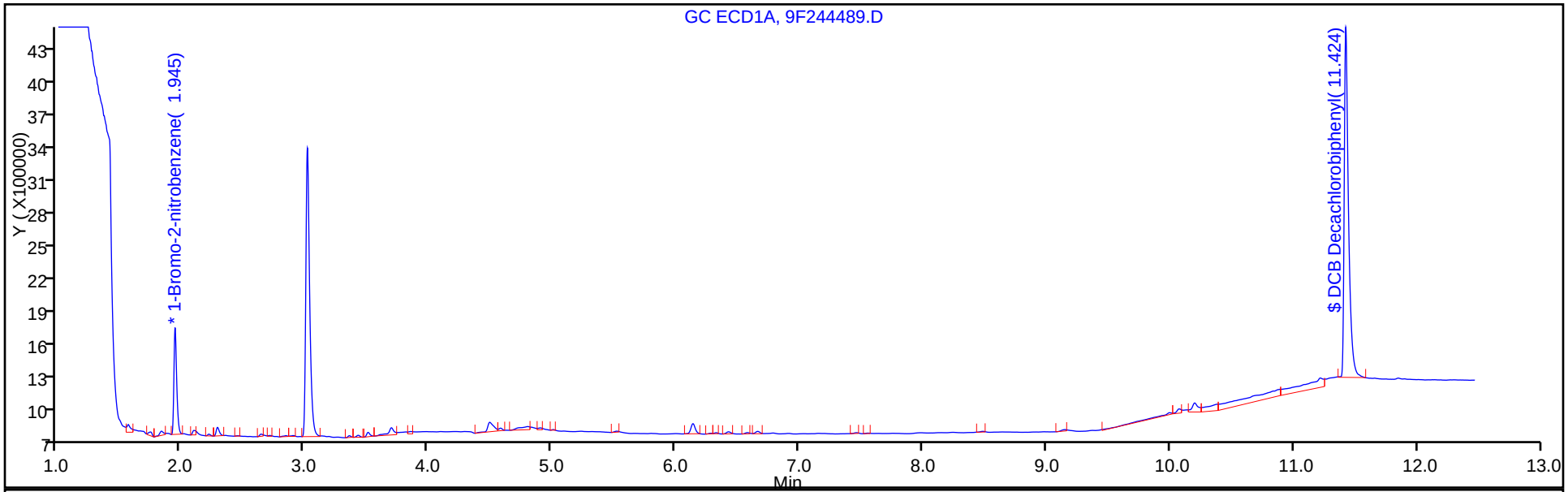
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

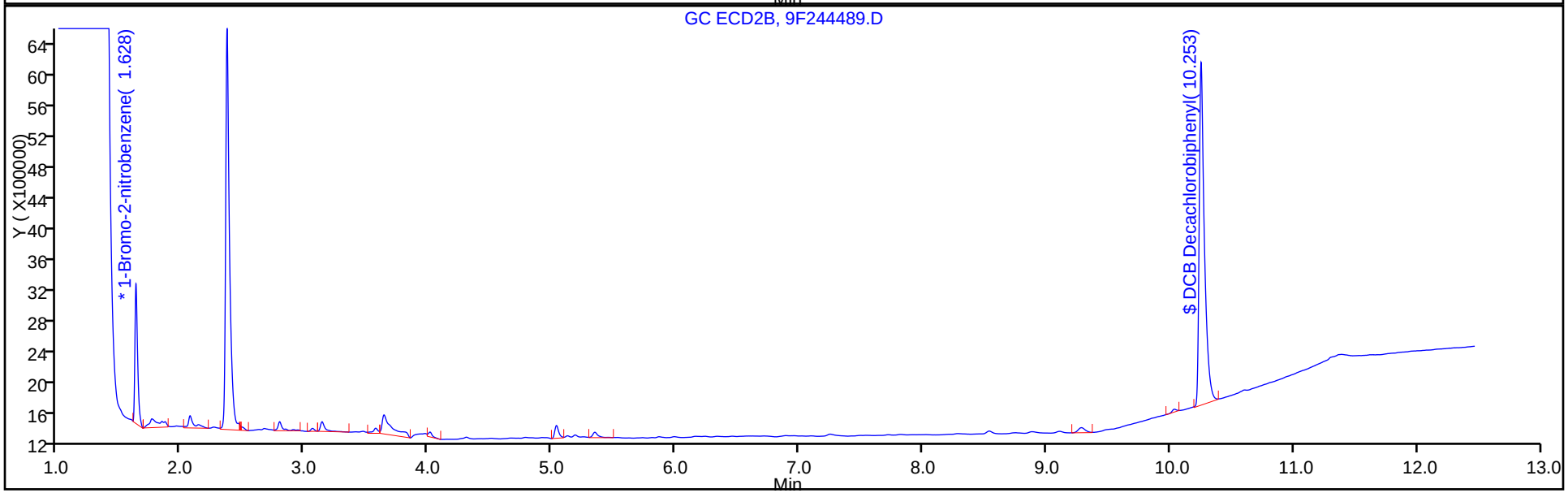
Report Date: 05-Oct-2016 10:37:39 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244489.D

Injection Date:	04-Oct-2016 18:12:04	Instrument ID:	CPESTGC9	Operator ID:	
Lims ID:	460-121138-G-10-A	Lab Sample ID:	460-121138-10	Worklist Smp#:	35
Client ID:	DUP-20160928				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	35
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

TestAmerica Edison

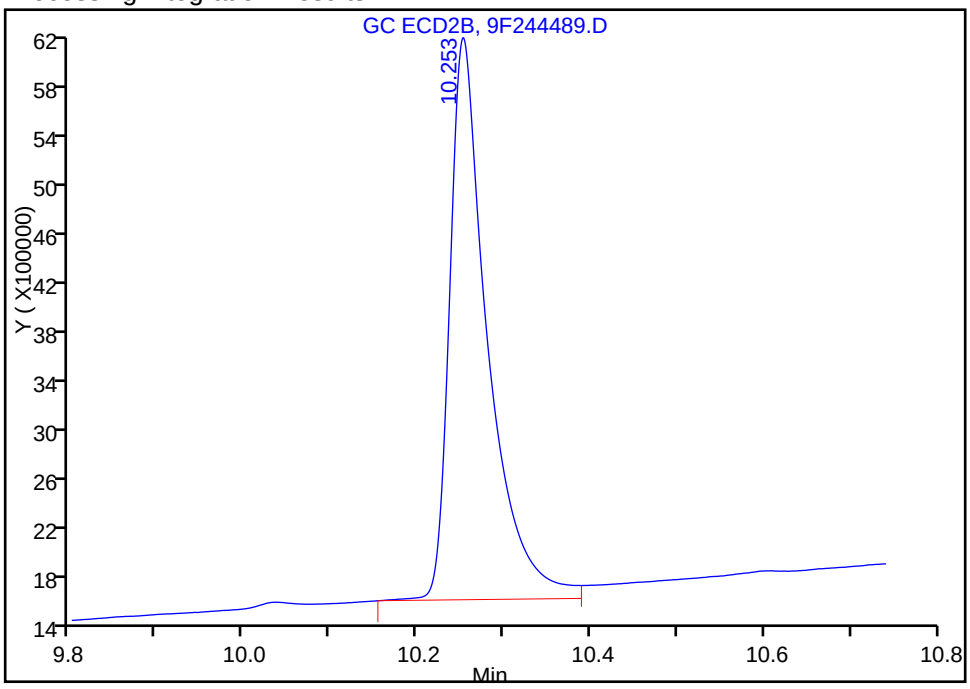
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244489.D		
Injection Date:	04-Oct-2016 18:12:04	Instrument ID:	CPESTGC9
Lims ID:	460-121138-G-10-A	Lab Sample ID:	460-121138-10
Client ID:	DUP-20160928		
Operator ID:		ALS Bottle#:	35 Worklist Smp#: 35
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD2B

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

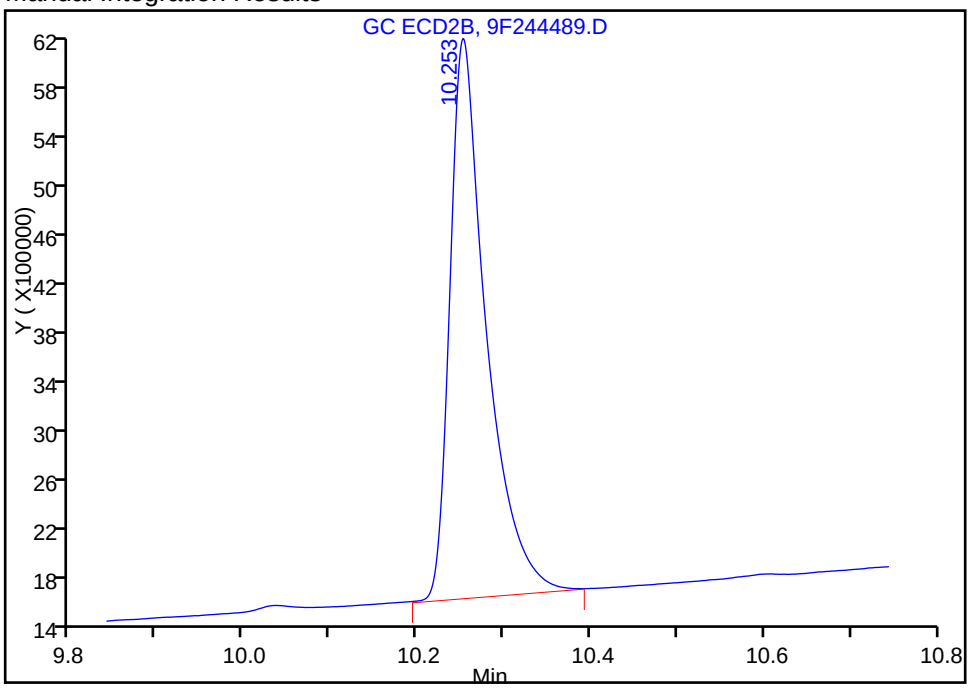
Processing Integration Results

RT: 10.25
Area: 13688756
Amount: 121.6452
Amount Units: ug/l



Manual Integration Results

RT: 10.25
Area: 13064796
Amount: 121.1015
Amount Units: ug/l



Reviewer: kapoors, 05-Oct-2016 07:14:45

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

TestAmerica Edison

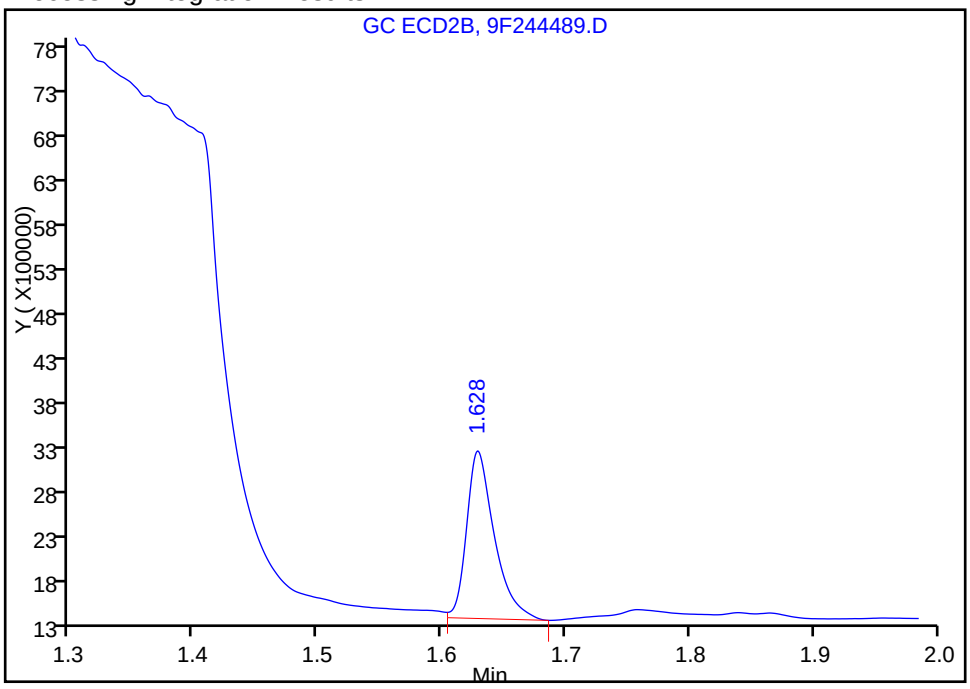
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244489.D				
Injection Date:	04-Oct-2016 18:12:04	Instrument ID:	CPESTGC9		
Lims ID:	460-121138-G-10-A	Lab Sample ID:	460-121138-10		
Client ID:	DUP-20160928				
Operator ID:		ALS Bottle#:	35	Worklist Smp#:	35
Injection Vol:	1.0 ul	Dil. 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

Signal: 2

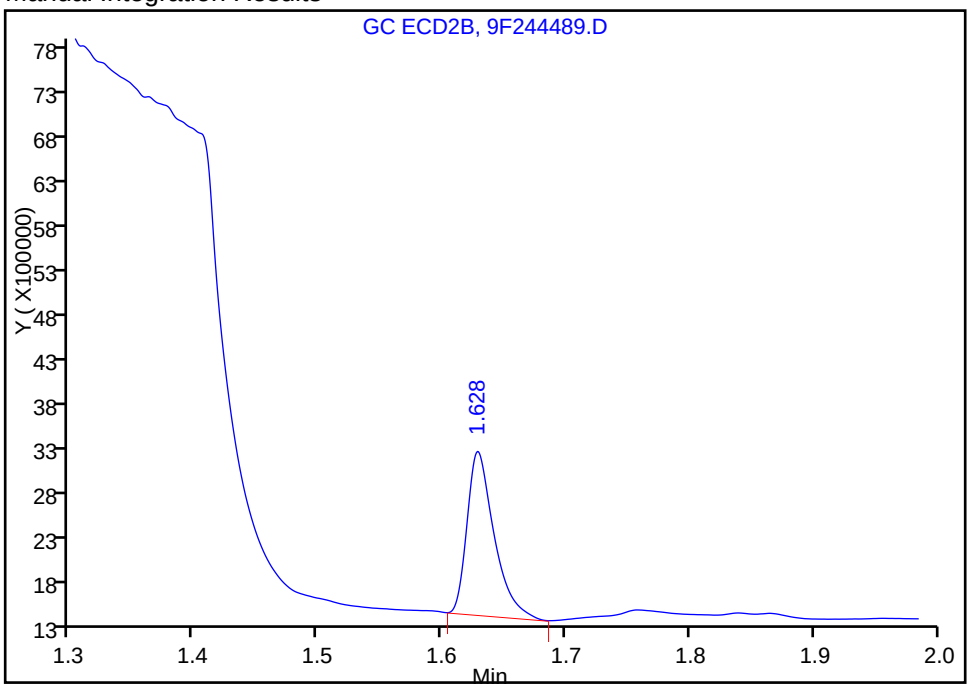
Processing Integration Results

RT: 1.63
Area: 2890320
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.63
Area: 2770959
Amount: 20.000000
Amount Units: ug/l



Reviewer: kapoors, 05-Oct-2016 07:15:36

Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 15:51 Calibration End Date: 09/19/2016 16:59 Calibration ID: 57961

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/2	9F243873.D
Level 2	IC 460-391485/3	9F243874.D
Level 3	IC 460-391485/4	9F243875.D
Level 4	IC 460-391485/5	9F243876.D
Level 5	IC 460-391485/6	9F243877.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	0.0210	0.0234	0.0229	0.0245	0.0237	Ave		0.0231				5.7		20.0			0.9900
PCB-1016 Peak 2	0.0493	0.0525	0.0500	0.0524	0.0502	Ave		0.0509				2.9		20.0			0.9900
PCB-1016 Peak 3	0.0933	0.0843	0.0798	0.0854	0.0838	Ave		0.0853				5.8		20.0			0.9900
PCB-1016 Peak 4	0.0299	0.0366	0.0359	0.0391	0.0382	Ave		0.0359				10.0		20.0			0.9900
PCB-1016 Peak 5	0.0185	0.0194	0.0188	0.0202	0.0190	Ave		0.0192				3.4		20.0			0.9900
PCB-1016 Peak 6	0.0207	0.0221	0.0217	0.0228	0.0219	Ave		0.0218				3.4		20.0			0.9900
PCB-1016 Peak 7	0.0219	0.0279	0.0286	0.0301	0.0282	Ave		0.0273				11.5		20.0			0.9900
PCB-1016 Peak 8	0.0287	0.0347	0.0323	0.0338	0.0328	Ave		0.0325				7.1		20.0			0.9900
PCB-1260 Peak 1	0.0222	0.0237	0.0229	0.0251	0.0249	Ave		0.0238				5.2		20.0			0.9900
PCB-1260 Peak 2	0.0584	0.0565	0.0542	0.0580	0.0567	Ave		0.0568				2.9		20.0			0.9900
PCB-1260 Peak 3	0.0613	0.0649	0.0619	0.0666	0.0645	Ave		0.0638				3.4		20.0			0.9900
PCB-1260 Peak 4	0.0420	0.0412	0.0404	0.0436	0.0429	Ave		0.0420				3.0		20.0			0.9900
PCB-1260 Peak 5	0.0415	0.0389	0.0401	0.0439	0.0437	Ave		0.0416				5.3		20.0			0.9900
PCB-1260 Peak 6	0.0798	0.0902	0.0914	0.0972	0.0966	Ave		0.0910				7.7		20.0			0.9900
PCB-1260 Peak 7	0.0802	0.0814	0.0852	0.0909	0.0928	Ave		0.0861				6.5		20.0			0.9900
PCB-1260 Peak 8	0.0212	0.0241	0.0234	0.0257	0.0251	Ave		0.0239				7.4		20.0			0.9900
Tetrachloro-m-xylene	0.8151	1.0312	1.0518	1.0567	1.1040	Ave		1.0118				11.2		20.0			0.9900
DCB Decachlorobiphenyl	0.8072	0.9533	0.9469	0.9310	0.9573	Ave		0.9191				6.9		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.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 15:51 Calibration End Date: 09/19/2016 16:59 Calibration ID: 57961

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/2	9F243873.D
Level 2	IC 460-391485/3	9F243874.D
Level 3	IC 460-391485/4	9F243875.D
Level 4	IC 460-391485/5	9F243876.D
Level 5	IC 460-391485/6	9F243877.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	64957	634512	1300224	1999197	3153532	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	152449	1419632	2835951	4278853	6673891	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	288717	2281165	4527383	6970249	11143339	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	92502	991266	2036904	3191581	5081341	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	57212	525617	1064513	1646503	2532732	50.0	500	1000	1500	2500
PCB-1016 Peak 6	BNB	Ave	64086	597851	1227985	1859509	2908735	50.0	500	1000	1500	2500
PCB-1016 Peak 7	BNB	Ave	67870	755174	1621286	2454841	3747223	50.0	500	1000	1500	2500
PCB-1016 Peak 8	BNB	Ave	88808	938797	1834115	2757490	4358543	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	68778	640170	1301097	2045168	3314707	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	180629	1529678	3073681	4738183	7544627	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	189811	1756032	3511565	5433568	8578107	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	129857	1115614	2292885	3557206	5701631	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	128407	1052278	2276365	3583474	5817110	50.0	500	1000	1500	2500
PCB-1260 Peak 6	BNB	Ave	246949	2441568	5185451	7931340	12844409	50.0	500	1000	1500	2500
PCB-1260 Peak 7	BNB	Ave	248147	2201605	4833517	7419203	12345282	50.0	500	1000	1500	2500
PCB-1260 Peak 8	BNB	Ave	65482	653219	1329552	2100823	3335251	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	630497	2790779	5965420	8625597	11745801	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	624364	2579916	5370341	7599430	10185385	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\20160919-45767.b\9F243873.D
Lims ID: IC PCB 1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 19-Sep-2016 15:51:56 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0045767-002
Operator ID: Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Sep-2016 10:18:27 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 20-Sep-2016 06:49:23

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.963	1.963	0.000	1237619	20.0	20.0	M
2	1.643	1.643	0.000	3202966	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	3.041	3.042	-0.001	630497	12.5	10.1	M
2	2.385	2.386	-0.001	1674572	12.5	10.9	M
						RPD = 8.14	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.701	3.701	0.000	64957	50.0	45.4	M
1	4.238	4.240	-0.002	152449	50.0	48.4	M
1	4.826	4.828	-0.002	288717	50.0	54.7	M
1	5.002	5.004	-0.002	92502	50.0	41.6	M
1	5.267	5.268	-0.001	57212	50.0	48.2	M
1	5.321	5.321	0.000	64086	50.0	47.5	M
1	5.615	5.616	-0.001	67870	50.0	40.1	M
1	5.780	5.783	-0.003	88808	50.0	44.2	M
		Average of Peak Amounts =				46.3	
2	2.801	2.801	0.000	196216	50.0	52.6	M
2	3.212	3.213	-0.001	395182	50.0	54.0	M
2	3.444	3.444	0.000	224762	50.0	48.9	M
2	3.755	3.756	-0.001	612688	50.0	45.7	M
2	3.913	3.915	-0.002	272394	50.0	51.9	M
2	3.984	3.986	-0.002	169465	50.0	49.8	M
2	4.405	4.406	-0.001	236562	50.0	48.8	M
2	4.861	4.863	-0.002	154000	50.0	54.0	M
		Average of Peak Amounts =				50.7	
						RPD = 9.19	
8 PCB-1260							M
1	7.337	7.340	-0.003	68778	50.0	46.8	M
1	7.630	7.632	-0.002	180629	50.0	51.4	M
1	8.040	8.042	-0.002	189811	50.0	48.0	M
1	8.975	8.978	-0.003	129857	50.0	49.9	M
1	9.597	9.597	0.000	128407	50.0	49.8	M
1	9.981	9.982	-0.001	246949	50.0	43.8	M
1	10.411	10.412	-0.001	248147	50.0	46.6	M
1	10.963	10.968	-0.005	65482	50.0	44.3	M
		Average of Peak Amounts =				47.6	
2	5.906	5.908	-0.002	444248	50.0	55.7	M
2	6.714	6.716	-0.002	621868	50.0	48.8	M
2	6.905	6.906	-0.001	278694	50.0	46.5	M
2	7.309	7.311	-0.002	317798	50.0	50.8	M
2	7.877	7.881	-0.004	697930	50.0	47.6	M
2	8.416	8.419	-0.003	348853	50.0	47.2	M
2	8.587	8.595	-0.008	191638	50.0	47.3	M
2	9.704	9.705	-0.001	159480	50.0	44.2	M
		Average of Peak Amounts =				48.5	
						RPD = 1.92	
$ 11 DCB Decachlorobiphenyl							M
1	11.444	11.449	-0.005	624364	12.5	11.0	M
2	10.298	10.301	-0.003	1514233	12.5	12.1	
						RPD = 10.08	
S 12 Polychlorinated biphenyls, Total							
1						93.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

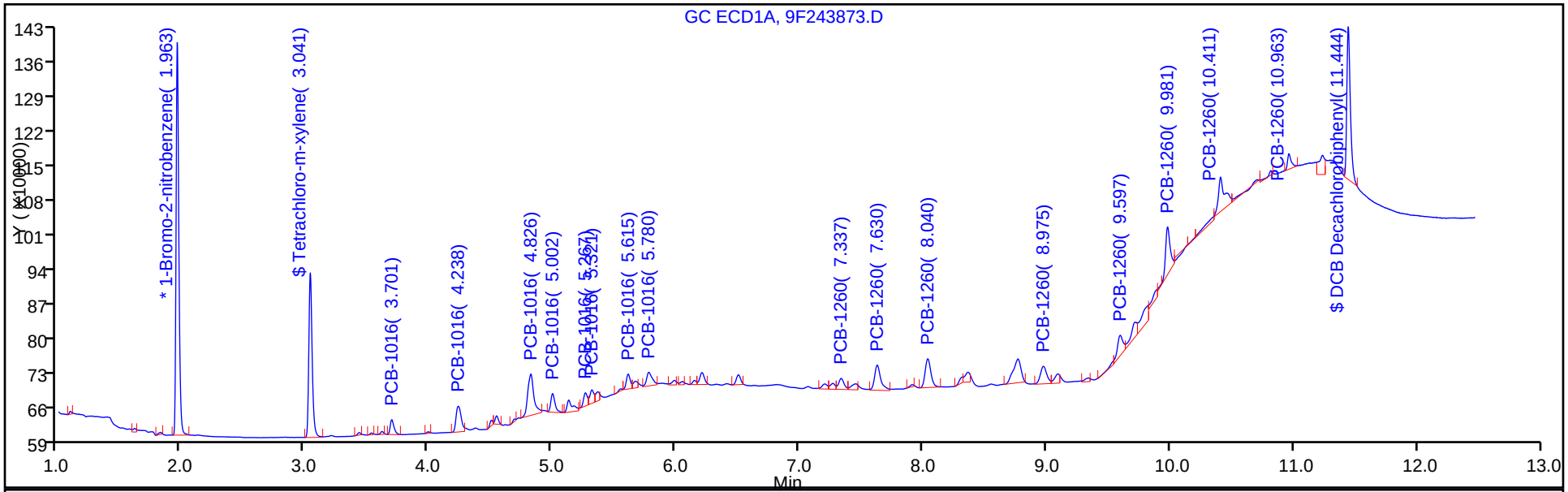
SG1660(LVI)L1_00010	Amount Added:	1.00	Units: mL	
SGPCBISTD_00007	Amount Added:	20.00	Units: uL	Run Reagent

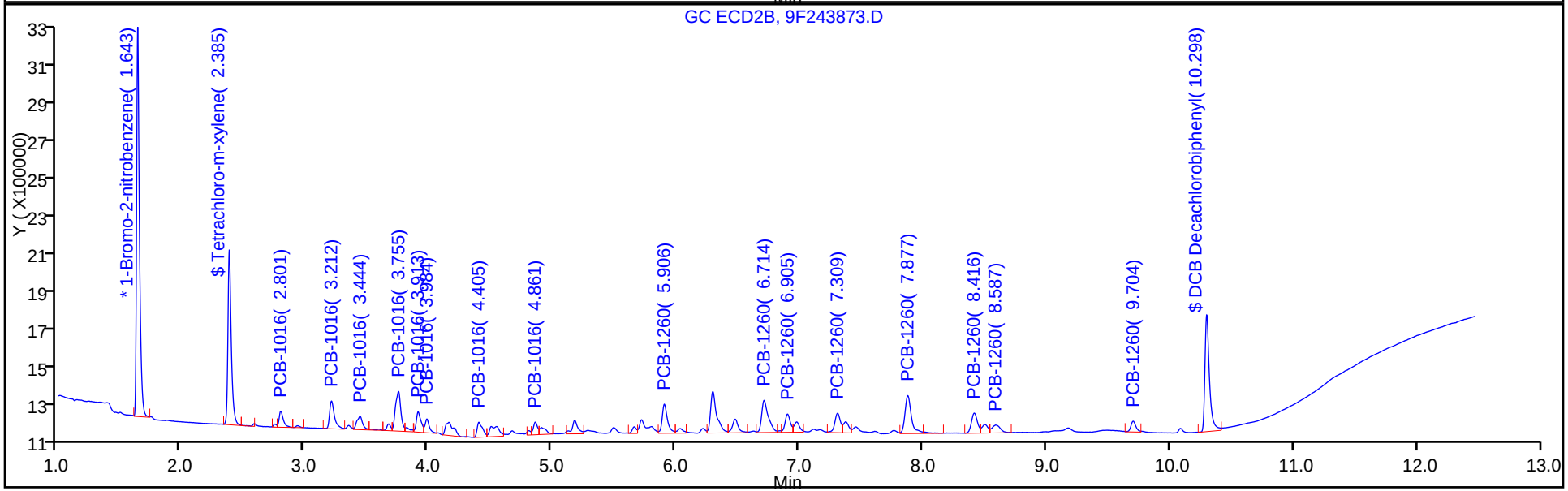
Report Date: 20-Sep-2016 10:18:31 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243873.D

Injection Date:	19-Sep-2016 15:51:56	Instrument ID:	CPESTGC9	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\CPESTGC9\20160919-45767.b\9F243874.D
Lims ID: IC PCB 2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 19-Sep-2016 16:08:47 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0045767-003
Operator ID: Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Sep-2016 10:18:34 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 20-Sep-2016 06:49:17

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	1.963	1.963	0.000	1082506	20.0	20.0	
2	1.642	1.643	-0.001	2866614	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	3.042	3.042	0.000	2790779	50.0	51.0	
2	2.385	2.386	-0.001	7202723	50.0	52.5	M
						RPD = 2.98	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.700	3.701	-0.001	634512	500.0	507.2	
1	4.238	4.240	-0.002	1419632	500.0	515.6	
1	4.827	4.828	-0.001	2281165	500.0	494.0	M
1	5.002	5.004	-0.002	991266	500.0	509.4	M
1	5.267	5.268	-0.001	525617	500.0	506.3	M
1	5.319	5.321	-0.002	597851	500.0	506.2	M
1	5.614	5.616	-0.002	755174	500.0	510.4	M
1	5.781	5.783	-0.002	938797	500.0	534.4	M
		Average of Peak Amounts =				510.4	
2	2.800	2.801	-0.001	1661789	500.0	497.9	
2	3.212	3.213	-0.001	3337556	500.0	509.2	
2	3.443	3.444	-0.001	2001659	500.0	487.0	M
2	3.755	3.756	-0.001	6062894	500.0	505.8	
2	3.913	3.915	-0.002	2323862	500.0	494.8	
2	3.985	3.986	-0.001	1392609	500.0	457.6	
2	4.405	4.406	-0.001	2187607	500.0	504.0	M
2	4.862	4.863	-0.001	1260325	500.0	493.6	M
		Average of Peak Amounts =				493.7	
						RPD = 3.33	
8 PCB-1260							M
1	7.338	7.340	-0.002	640170	500.0	497.8	
1	7.631	7.632	-0.001	1529678	500.0	497.8	
1	8.040	8.042	-0.002	1756032	500.0	508.2	
1	8.977	8.978	-0.001	1115614	500.0	490.6	
1	9.596	9.597	-0.001	1052278	500.0	467.0	M
1	9.981	9.982	-0.001	2441568	500.0	495.5	M
1	10.410	10.412	-0.002	2201605	500.0	472.4	M
1	10.963	10.968	-0.005	653219	500.0	504.7	M
		Average of Peak Amounts =				491.7	
2	5.907	5.908	-0.001	3569911	500.0	499.8	
2	6.716	6.716	0.000	5722506	500.0	501.7	
2	6.905	6.906	-0.001	2751407	500.0	512.8	
2	7.311	7.311	0.000	2768307	500.0	494.4	M
2	7.880	7.881	-0.001	6545395	500.0	499.2	
2	8.417	8.419	-0.002	3264428	500.0	493.3	
2	8.593	8.595	-0.002	1779412	500.0	490.2	
2	9.704	9.705	-0.001	1595612	500.0	494.5	
		Average of Peak Amounts =				498.3	
						RPD = 1.31	
$ 11 DCB Decachlorobiphenyl							
1	11.443	11.449	-0.006	2579916	50.0	51.9	
2	10.297	10.301	-0.004	5895262	50.0	52.8	
						RPD = 1.84	
S 12 Polychlorinated biphenyls, Total							
1						1002.2	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

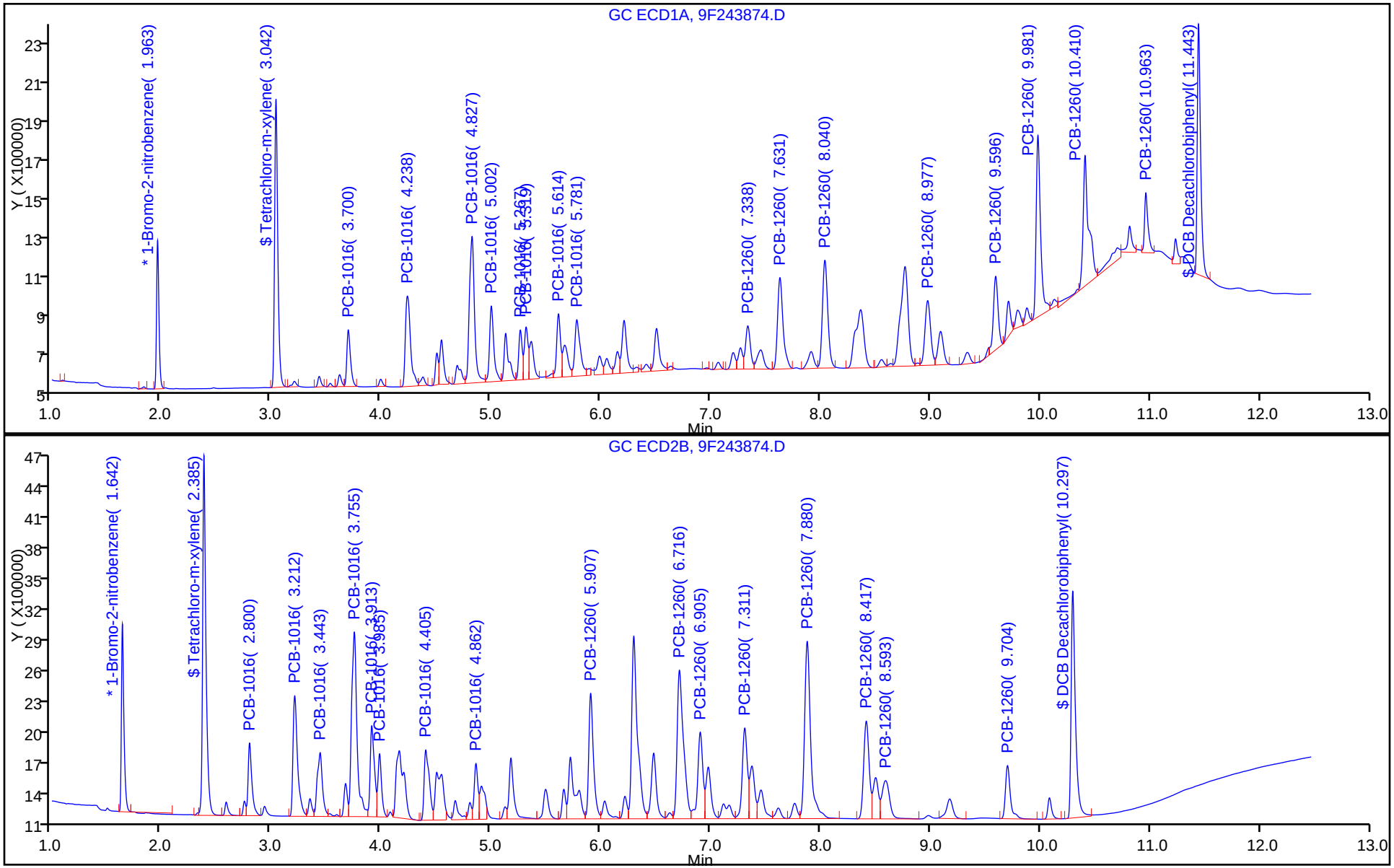
SG1660L2_00023	Amount Added:	1.00	Units: mL	
SGPCBISTD_00007	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 20-Sep-2016 10:18:37 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243874.D

Injection Date:	19-Sep-2016 16:08:47	Instrument ID:	CPESTGC9	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\CPESTGC9\20160919-45767.b\9F243875.D
Lims ID: IC PCB 3
Client ID:
Sample Type: ICRT Calib Level: 3
Inject. Date: 19-Sep-2016 16:25:39 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0045767-004
Operator ID: Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Sep-2016 10:18:40 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 20-Sep-2016 06:44:03

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.964	1.964	0.000	1134308	20.0	20.0	M
2	1.643	1.643	0.000	2964109	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	3.042	3.042	0.000	5965420	100.0	104.0	
2	2.386	2.386	0.000	14685689	100.0	103.5	
						RPD = 0.42	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.701	3.701	0.000	1300224	1000.0	991.8	
1	4.240	4.240	0.000	2835951	1000.0	983.0	M
1	4.828	4.828	0.000	4527383	1000.0	935.6	M
1	5.004	5.004	0.000	2036904	1000.0	999.0	M
1	5.268	5.268	0.000	1064513	1000.0	978.6	M
1	5.321	5.321	0.000	1227985	1000.0	992.2	M
1	5.616	5.616	0.000	1621286	1000.0	1045.8	M
1	5.783	5.783	0.000	1834115	1000.0	996.4	M
		Average of Peak Amounts =				990.3	
2	2.801	2.801	0.000	3345868	1000.0	969.6	
2	3.213	3.213	0.000	6523217	1000.0	962.5	M
2	3.444	3.444	0.000	4115884	1000.0	968.5	M
2	3.756	3.756	0.000	12399395	1000.0	1000.3	M
2	3.915	3.915	0.000	4750206	1000.0	978.1	M
2	3.986	3.986	0.000	3078794	1000.0	978.4	M
2	4.406	4.406	0.000	4402002	1000.0	980.8	M
2	4.863	4.863	0.000	2513594	1000.0	952.1	M
		Average of Peak Amounts =				973.8	
						RPD = 1.68	
8 PCB-1260							M
1	7.340	7.340	0.000	1301097	1000.0	965.5	
1	7.632	7.632	0.000	3073681	1000.0	954.6	
1	8.042	8.042	0.000	3511565	1000.0	969.8	
1	8.978	8.978	0.000	2292885	1000.0	962.2	
1	9.597	9.597	0.000	2276365	1000.0	964.1	M
1	9.982	9.982	0.000	5185451	1000.0	1004.3	M
1	10.412	10.412	0.000	4833517	1000.0	989.8	M
1	10.968	10.968	0.000	1329552	1000.0	980.4	M
		Average of Peak Amounts =				973.8	
2	5.908	5.908	0.000	6998075	1000.0	947.5	
2	6.716	6.716	0.000	11523735	1000.0	977.1	
2	6.906	6.906	0.000	5512340	1000.0	993.5	
2	7.311	7.311	0.000	5652155	1000.0	976.2	
2	7.881	7.881	0.000	13316542	1000.0	982.3	
2	8.419	8.419	0.000	6703275	1000.0	979.7	
2	8.595	8.595	0.000	3652299	1000.0	973.2	
2	9.705	9.705	0.000	3319386	1000.0	995.0	
		Average of Peak Amounts =				978.1	
						RPD = 0.43	
$ 11 DCB Decachlorobiphenyl							
1	11.449	11.449	0.000	5370341	100.0	103.0	
2	10.301	10.301	0.000	11714133	100.0	101.5	
						RPD = 1.48	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

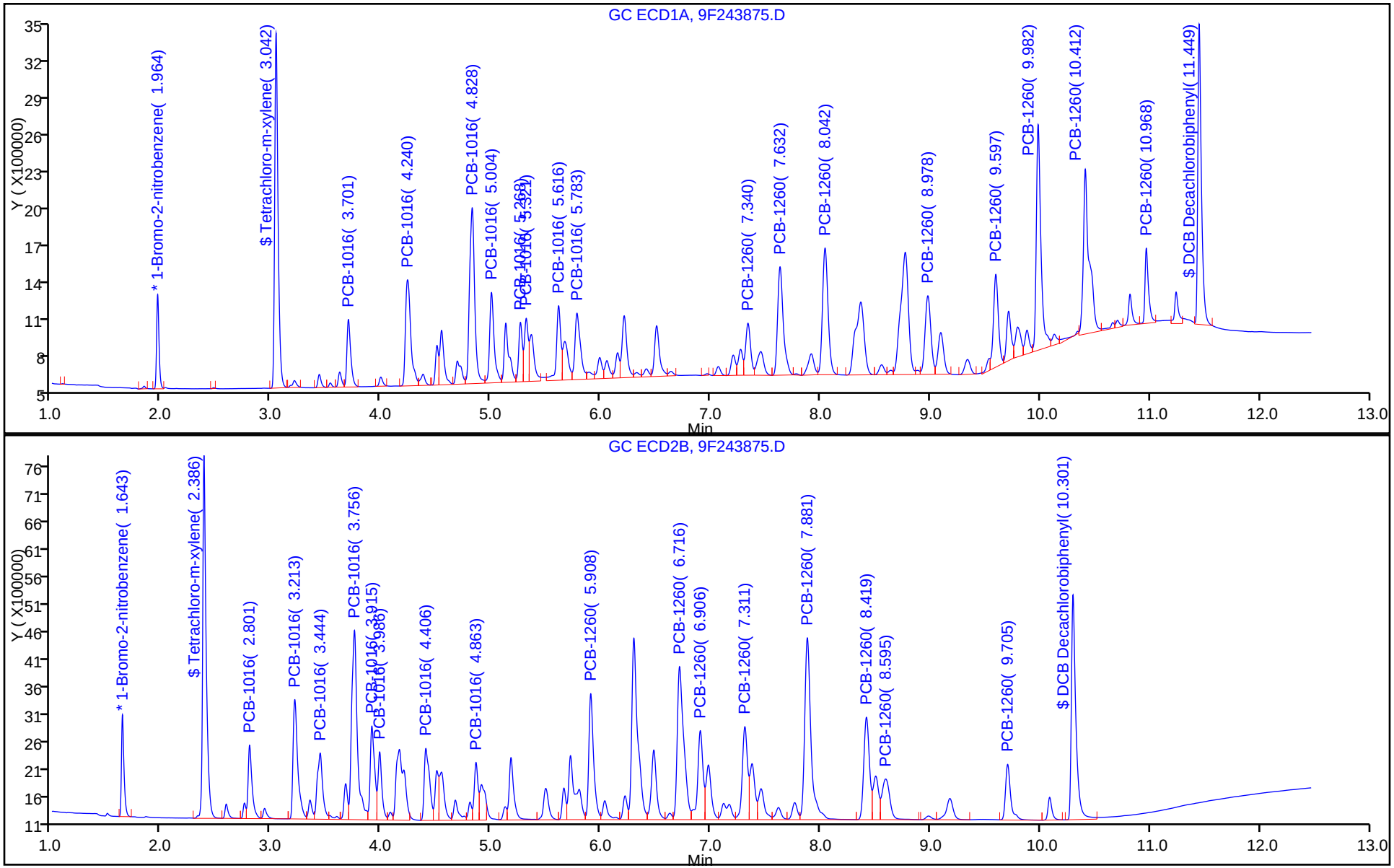
SG1660L3_00029	Amount Added:	1.00	Units: mL	
SGPCBISTD_00007	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 20-Sep-2016 10:18:43 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243875.D

Injection Date:	19-Sep-2016 16:25:39	Instrument ID:	CPESTGC9	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\CPESTGC9\20160919-45767.b\9F243876.D
Lims ID: IC PCB 4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 19-Sep-2016 16:42:31 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0045767-005
Operator ID: Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Sep-2016 10:18:46 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 20-Sep-2016 06:49:32

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	1.965	1.964	0.001	1088364	20.0	20.0	
2	1.644	1.643	0.001	2824602	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	3.043	3.042	0.001	8625597	150.0	156.7	
2	2.386	2.386	0.000	20715696	150.0	153.2	
						RPD = 2.20	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.701	3.701	0.000	1999197	1500.0	1589.4	
1	4.240	4.240	0.000	4278853	1500.0	1545.8	
1	4.829	4.828	0.001	6970249	1500.0	1501.2	M
1	5.005	5.004	0.001	3191581	1500.0	1631.4	M
1	5.268	5.268	0.000	1646503	1500.0	1577.5	M
1	5.320	5.321	-0.001	1859509	1500.0	1565.9	M
1	5.615	5.616	-0.001	2454841	1500.0	1650.3	M
1	5.783	5.783	0.000	2757490	1500.0	1561.2	M
		Average of Peak Amounts =				1577.9	
2	2.801	2.801	0.000	5081585	1500.0	1545.3	
2	3.214	3.213	0.001	9789648	1500.0	1515.9	M
2	3.445	3.444	0.001	6508942	1500.0	1607.2	M
2	3.757	3.756	0.001	18985411	1500.0	1607.3	M
2	3.915	3.915	0.000	7186950	1500.0	1552.9	M
2	3.986	3.986	0.000	4840409	1500.0	1614.1	M
2	4.406	4.406	0.000	6717768	1500.0	1570.7	M
2	4.863	4.863	0.000	3860053	1500.0	1534.3	M
		Average of Peak Amounts =				1568.5	
						RPD = 0.60	
8 PCB-1260							M
1	7.340	7.340	0.000	2045168	1500.0	1581.7	
1	7.632	7.632	0.000	4738183	1500.0	1533.6	
1	8.042	8.042	0.000	5433568	1500.0	1564.0	
1	8.978	8.978	0.000	3557206	1500.0	1555.9	
1	9.597	9.597	0.000	3583474	1500.0	1581.7	M
1	9.982	9.982	0.000	7931340	1500.0	1600.9	M
1	10.411	10.412	-0.001	7419203	1500.0	1583.5	M
1	10.965	10.968	-0.003	2100823	1500.0	1614.5	M
		Average of Peak Amounts =				1577.0	
2	5.908	5.908	0.000	10605887	1500.0	1506.9	
2	6.716	6.716	0.000	17756737	1500.0	1580.0	
2	6.905	6.906	-0.001	8401065	1500.0	1588.9	
2	7.311	7.311	0.000	8614081	1500.0	1561.2	
2	7.880	7.881	-0.001	20588595	1500.0	1593.7	
2	8.419	8.419	0.000	10463578	1500.0	1604.8	
2	8.594	8.595	-0.001	5732730	1500.0	1602.9	
2	9.705	9.705	0.000	5182746	1500.0	1630.2	
		Average of Peak Amounts =				1583.6	
						RPD = 0.42	
$ 11 DCB Decachlorobiphenyl							
1	11.446	11.449	-0.003	7599430	150.0	151.9	
2	10.299	10.301	-0.002	16266548	150.0	147.9	
						RPD = 2.68	
S 12 Polychlorinated biphenyls, Total							
1						3154.8	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

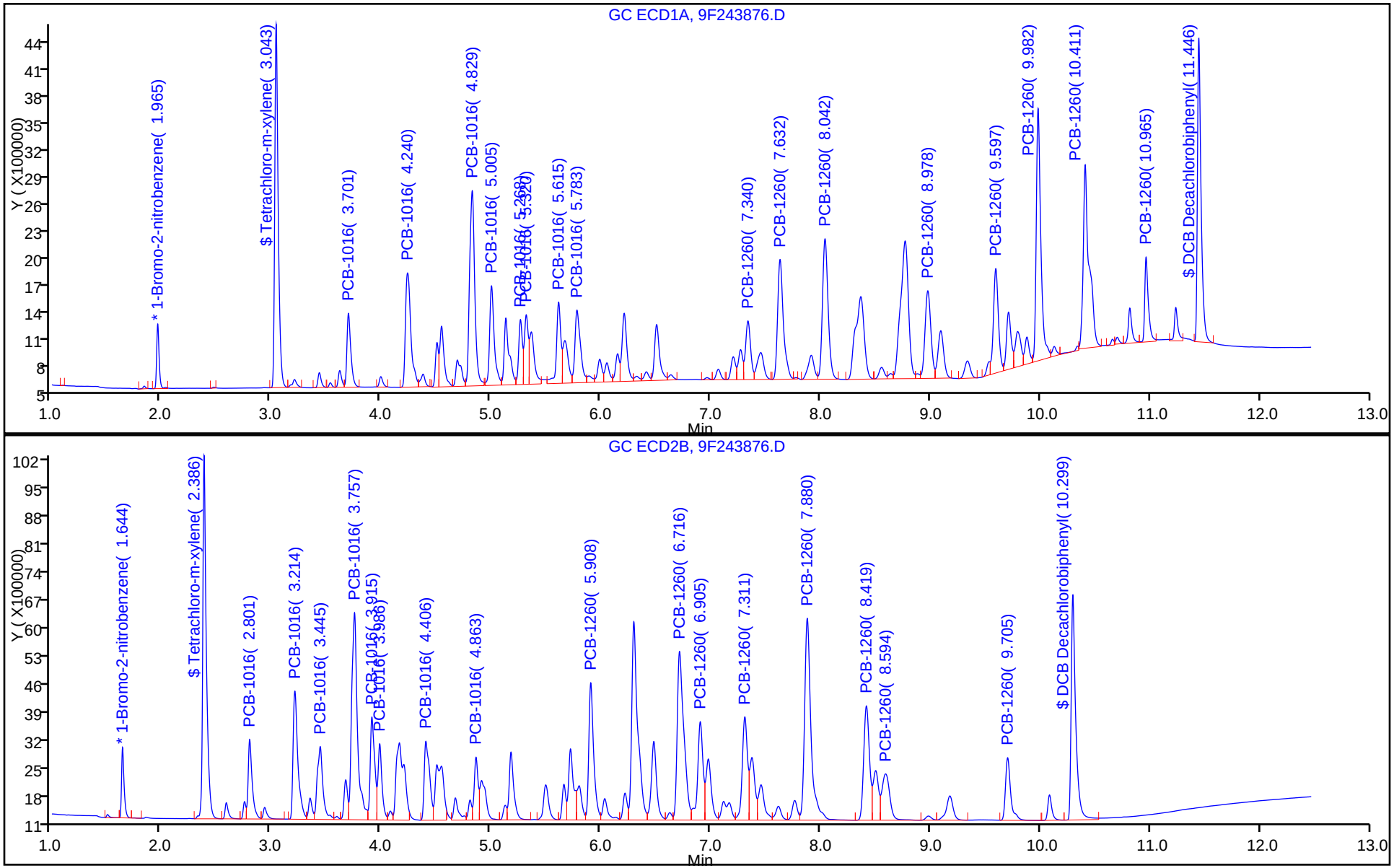
SG1660L4_00022	Amount Added:	1.00	Units: mL	
SGPCBISTD_00007	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 20-Sep-2016 10:18:48 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243876.D

Injection Date:	19-Sep-2016 16:42:31	Instrument ID:	CPESTGC9	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\CPESTGC9\20160919-45767.b\9F243877.D
Lims ID: IC PCB 5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 19-Sep-2016 16:59:24 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0045767-006
Operator ID: Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Sep-2016 10:18:51 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 20-Sep-2016 06:50:40

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	1.964	1.964	0.000	1063953	20.0	20.0	
2	1.643	1.643	0.000	2833072	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	3.043	3.042	0.001	11745801	200.0	218.2	
2	2.386	2.386	0.000	27632621	200.0	203.8	
						RPD = 6.83	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.701	3.701	0.000	3153532	2500.0	2564.7	
1	4.239	4.240	-0.001	6673891	2500.0	2466.3	M
1	4.829	4.828	0.001	11143339	2500.0	2455.1	M
1	5.004	5.004	0.000	5081341	2500.0	2657.0	M
1	5.267	5.268	-0.001	2532732	2500.0	2482.3	M
1	5.320	5.321	-0.001	2908735	2500.0	2505.7	M
1	5.615	5.616	-0.001	3747223	2500.0	2576.9	M
1	5.782	5.783	-0.001	4358543	2500.0	2524.3	M
		Average of Peak Amounts =				2529.0	
2	2.801	2.801	0.000	7849181	2500.0	2379.8	
2	3.213	3.213	0.000	15046248	2500.0	2322.9	M
2	3.444	3.444	0.000	10227360	2500.0	2517.8	M
2	3.756	3.756	0.000	29673731	2500.0	2504.6	M
2	3.914	3.915	-0.001	11130687	2500.0	2397.8	M
2	3.985	3.986	-0.001	7772199	2500.0	2584.1	M
2	4.405	4.406	-0.001	10602337	2500.0	2471.5	M
2	4.863	4.863	0.000	6045713	2500.0	2395.8	M
		Average of Peak Amounts =				2446.8	
						RPD = 3.31	
8 PCB-1260							M
1	7.339	7.340	-0.001	3314707	2500.0	2622.4	
1	7.631	7.632	-0.001	7544627	2500.0	2498.0	
1	8.040	8.042	-0.002	8578107	2500.0	2525.7	
1	8.977	8.978	-0.001	5701631	2500.0	2551.0	M
1	9.595	9.597	-0.002	5817110	2500.0	2626.5	M
1	9.982	9.982	0.000	12844409	2500.0	2652.1	M
1	10.413	10.412	0.001	12345282	2500.0	2695.3	M
1	10.969	10.968	0.001	3335251	2500.0	2622.0	M
		Average of Peak Amounts =				2599.1	
2	5.907	5.908	-0.001	16499526	2500.0	2337.3	
2	6.715	6.716	-0.001	27905744	2500.0	2475.6	
2	6.904	6.906	-0.002	13152884	2500.0	2480.2	
2	7.309	7.311	-0.002	13535921	2500.0	2445.9	
2	7.879	7.881	-0.002	32516229	2500.0	2509.5	
2	8.418	8.419	-0.001	16675875	2500.0	2550.0	
2	8.594	8.595	-0.001	9260735	2500.0	2581.6	
2	9.704	9.705	-0.001	8325373	2500.0	2610.9	
		Average of Peak Amounts =				2498.9	
						RPD = 3.93	
$ 11 DCB Decachlorobiphenyl							
1	11.451	11.449	0.002	10185385	200.0	208.3	
2	10.299	10.301	-0.002	21420060	200.0	194.2	
						RPD = 7.01	
S 12 Polychlorinated biphenyls, Total							
1						5128.2	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

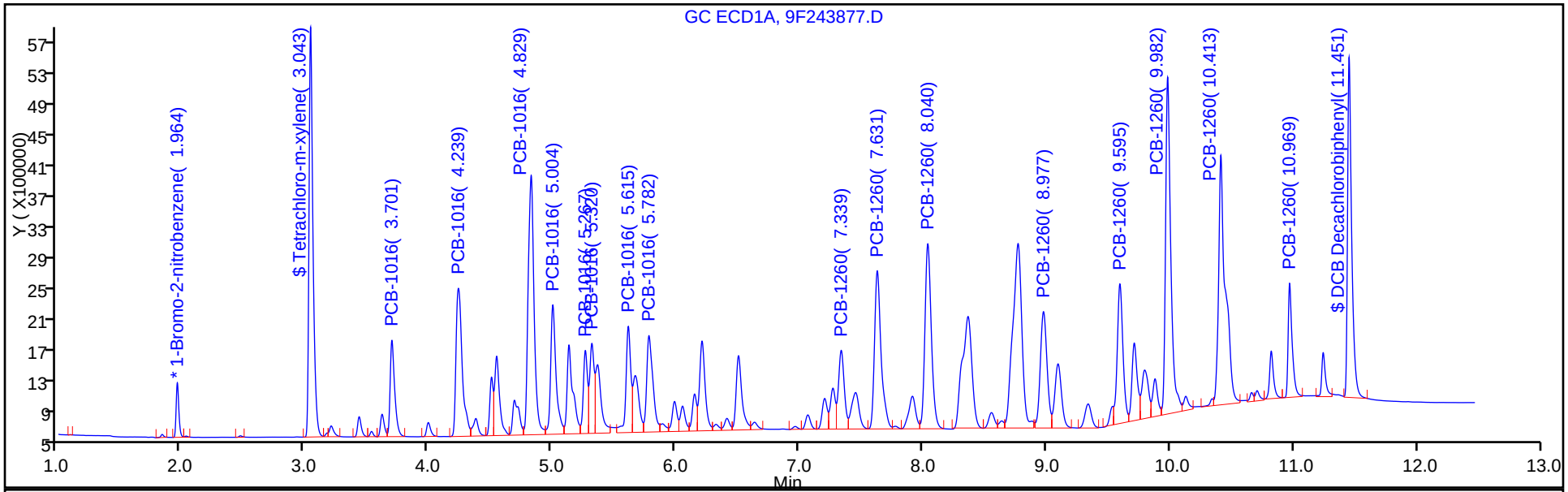
SG1660L5_00022	Amount Added:	1.00	Units: mL	
SGPCBISTD_00007	Amount Added:	20.00	Units: uL	Run Reagent

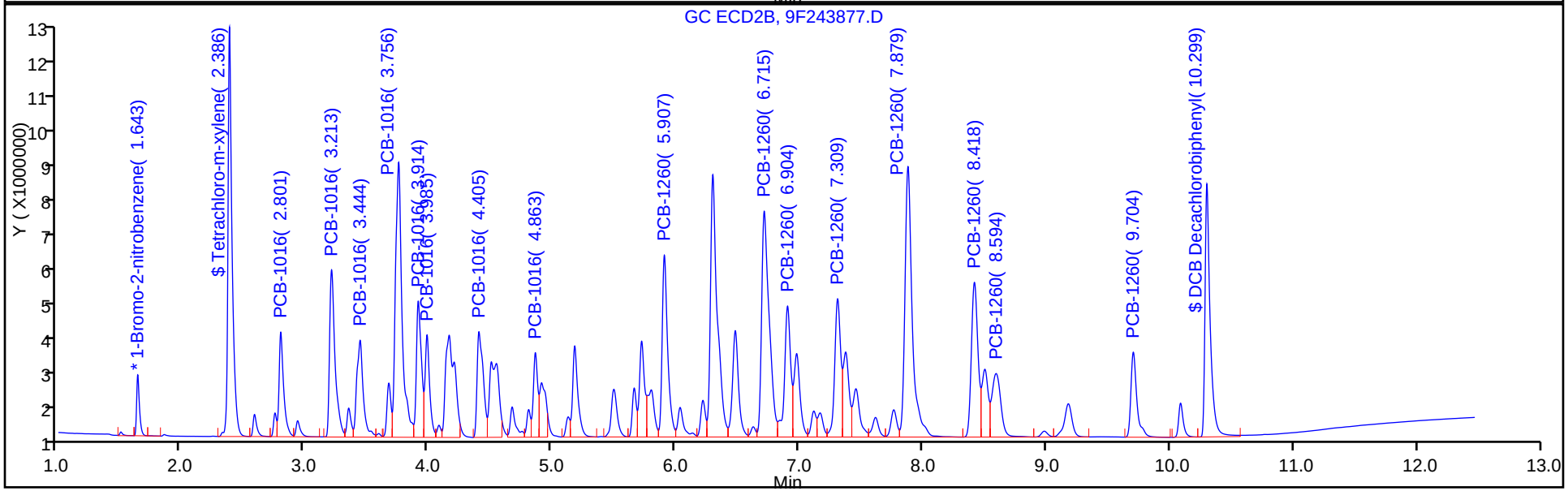
Report Date: 20-Sep-2016 10:18:55 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243877.D

Injection Date:	19-Sep-2016 16:59:24	Instrument ID:	CPESTGC9	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.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 15:51 Calibration End Date: 09/19/2016 16:59 Calibration ID: 57962

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/2	9F243873.D
Level 2	IC 460-391485/3	9F243874.D
Level 3	IC 460-391485/4	9F243875.D
Level 4	IC 460-391485/5	9F243876.D
Level 5	IC 460-391485/6	9F243877.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	0.0245	0.0232	0.0226	0.0240	0.0222	Ave		0.0233				4.2		20.0			0.9900
PCB-1016 Peak 2	0.0494	0.0466	0.0440	0.0462	0.0425	Ave		0.0457				5.7		20.0			0.9900
PCB-1016 Peak 3	0.0281	0.0279	0.0278	0.0307	0.0289	Ave		0.0287				4.3		20.0			0.9900
PCB-1016 Peak 4	0.0765	0.0846	0.0837	0.0896	0.0838	Ave		0.0836				5.6		20.0			0.9900
PCB-1016 Peak 5	0.0340	0.0324	0.0321	0.0339	0.0314	Ave		0.0328				3.5		20.0			0.9900
PCB-1016 Peak 6	0.0212	0.0194	0.0208	0.0228	0.0219	Ave		0.0212				6.0		20.0			0.9900
PCB-1016 Peak 7	0.0295	0.0305	0.0297	0.0317	0.0299	Ave		0.0303				2.9		20.0			0.9900
PCB-1016 Peak 8	0.0192	0.0176	0.0170	0.0182	0.0171	Ave		0.0178				5.3		20.0			0.9900
PCB-1260 Peak 1	0.0555	0.0498	0.0472	0.0501	0.0466	Ave		0.0498				7.0		20.0			0.9900
PCB-1260 Peak 2	0.0777	0.0799	0.0778	0.0838	0.0788	Ave		0.0796				3.2		20.0			0.9900
PCB-1260 Peak 3	0.0348	0.0384	0.0372	0.0397	0.0371	Ave		0.0374				4.8		20.0			0.9900
PCB-1260 Peak 4	0.0397	0.0386	0.0381	0.0407	0.0382	Ave		0.0391				2.8		20.0			0.9900
PCB-1260 Peak 5	0.0872	0.0913	0.0899	0.0972	0.0918	Ave		0.0915				4.0		20.0			0.9900
PCB-1260 Peak 6	0.0436	0.0456	0.0452	0.0494	0.0471	Ave		0.0462				4.8		20.0			0.9900
PCB-1260 Peak 7	0.0239	0.0248	0.0246	0.0271	0.0262	Ave		0.0253				5.0		20.0			0.9900
PCB-1260 Peak 8	0.0199	0.0223	0.0224	0.0245	0.0235	Ave		0.0225				7.6		20.0			0.9900
Tetrachloro-m-xylene	0.8365	1.0050	0.9909	0.9779	0.9754	Ave		0.9571				7.2		20.0			0.9900
DCB Decachlorobiphenyl	0.7564	0.8226	0.7904	0.7679	0.7561	Ave		0.7787				3.6		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.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 15:51 Calibration End Date: 09/19/2016 16:59 Calibration ID: 57962

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/2	9F243873.D
Level 2	IC 460-391485/3	9F243874.D
Level 3	IC 460-391485/4	9F243875.D
Level 4	IC 460-391485/5	9F243876.D
Level 5	IC 460-391485/6	9F243877.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	196216	1661789	3345868	5081585	7849181	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	395182	3337556	6523217	9789648	15046248	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	224762	2001659	4115884	6508942	10227360	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	612688	6062894	12399395	18985411	29673731	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	272394	2323862	4750206	7186950	11130687	50.0	500	1000	1500	2500
PCB-1016 Peak 6	BNB	Ave	169465	1392609	3078794	4840409	7772199	50.0	500	1000	1500	2500
PCB-1016 Peak 7	BNB	Ave	236562	2187607	4402002	6717768	10602337	50.0	500	1000	1500	2500
PCB-1016 Peak 8	BNB	Ave	154000	1260325	2513594	3860053	6045713	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	444248	3569911	6998075	10605887	16499526	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	621868	5722506	11523735	17756737	27905744	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	278694	2751407	5512340	8401065	13152884	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	317798	2768307	5652155	8614081	13535921	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	697930	6545395	13316542	20588595	32516229	50.0	500	1000	1500	2500
PCB-1260 Peak 6	BNB	Ave	348853	3264428	6703275	10463578	16675875	50.0	500	1000	1500	2500
PCB-1260 Peak 7	BNB	Ave	191638	1779412	3652299	5732730	9260735	50.0	500	1000	1500	2500
PCB-1260 Peak 8	BNB	Ave	159480	1595612	3319386	5182746	8325373	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	1674572	7202723	14685689	20715696	27632621	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	1514233	5895262	11714133	16266548	21420060	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\20160919-45767.b\9F243873.D
Lims ID: IC PCB 1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 19-Sep-2016 15:51:56 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0045767-002
Operator ID: Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Sep-2016 10:18:27 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 20-Sep-2016 06:49:23

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.963	1.963	0.000	1237619	20.0	20.0	M
2	1.643	1.643	0.000	3202966	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	3.041	3.042	-0.001	630497	12.5	10.1	M
2	2.385	2.386	-0.001	1674572	12.5	10.9	M
						RPD = 8.14	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.701	3.701	0.000	64957	50.0	45.4	M
1	4.238	4.240	-0.002	152449	50.0	48.4	M
1	4.826	4.828	-0.002	288717	50.0	54.7	M
1	5.002	5.004	-0.002	92502	50.0	41.6	M
1	5.267	5.268	-0.001	57212	50.0	48.2	M
1	5.321	5.321	0.000	64086	50.0	47.5	M
1	5.615	5.616	-0.001	67870	50.0	40.1	M
1	5.780	5.783	-0.003	88808	50.0	44.2	M
		Average of Peak Amounts =				46.3	
2	2.801	2.801	0.000	196216	50.0	52.6	M
2	3.212	3.213	-0.001	395182	50.0	54.0	M
2	3.444	3.444	0.000	224762	50.0	48.9	M
2	3.755	3.756	-0.001	612688	50.0	45.7	M
2	3.913	3.915	-0.002	272394	50.0	51.9	M
2	3.984	3.986	-0.002	169465	50.0	49.8	M
2	4.405	4.406	-0.001	236562	50.0	48.8	M
2	4.861	4.863	-0.002	154000	50.0	54.0	M
		Average of Peak Amounts =				50.7	
						RPD = 9.19	
8 PCB-1260							M
1	7.337	7.340	-0.003	68778	50.0	46.8	M
1	7.630	7.632	-0.002	180629	50.0	51.4	M
1	8.040	8.042	-0.002	189811	50.0	48.0	M
1	8.975	8.978	-0.003	129857	50.0	49.9	M
1	9.597	9.597	0.000	128407	50.0	49.8	M
1	9.981	9.982	-0.001	246949	50.0	43.8	M
1	10.411	10.412	-0.001	248147	50.0	46.6	M
1	10.963	10.968	-0.005	65482	50.0	44.3	M
		Average of Peak Amounts =				47.6	
2	5.906	5.908	-0.002	444248	50.0	55.7	M
2	6.714	6.716	-0.002	621868	50.0	48.8	M
2	6.905	6.906	-0.001	278694	50.0	46.5	M
2	7.309	7.311	-0.002	317798	50.0	50.8	M
2	7.877	7.881	-0.004	697930	50.0	47.6	M
2	8.416	8.419	-0.003	348853	50.0	47.2	M
2	8.587	8.595	-0.008	191638	50.0	47.3	M
2	9.704	9.705	-0.001	159480	50.0	44.2	M
		Average of Peak Amounts =				48.5	
						RPD = 1.92	
$ 11 DCB Decachlorobiphenyl							M
1	11.444	11.449	-0.005	624364	12.5	11.0	M
2	10.298	10.301	-0.003	1514233	12.5	12.1	
						RPD = 10.08	
S 12 Polychlorinated biphenyls, Total							
1						93.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

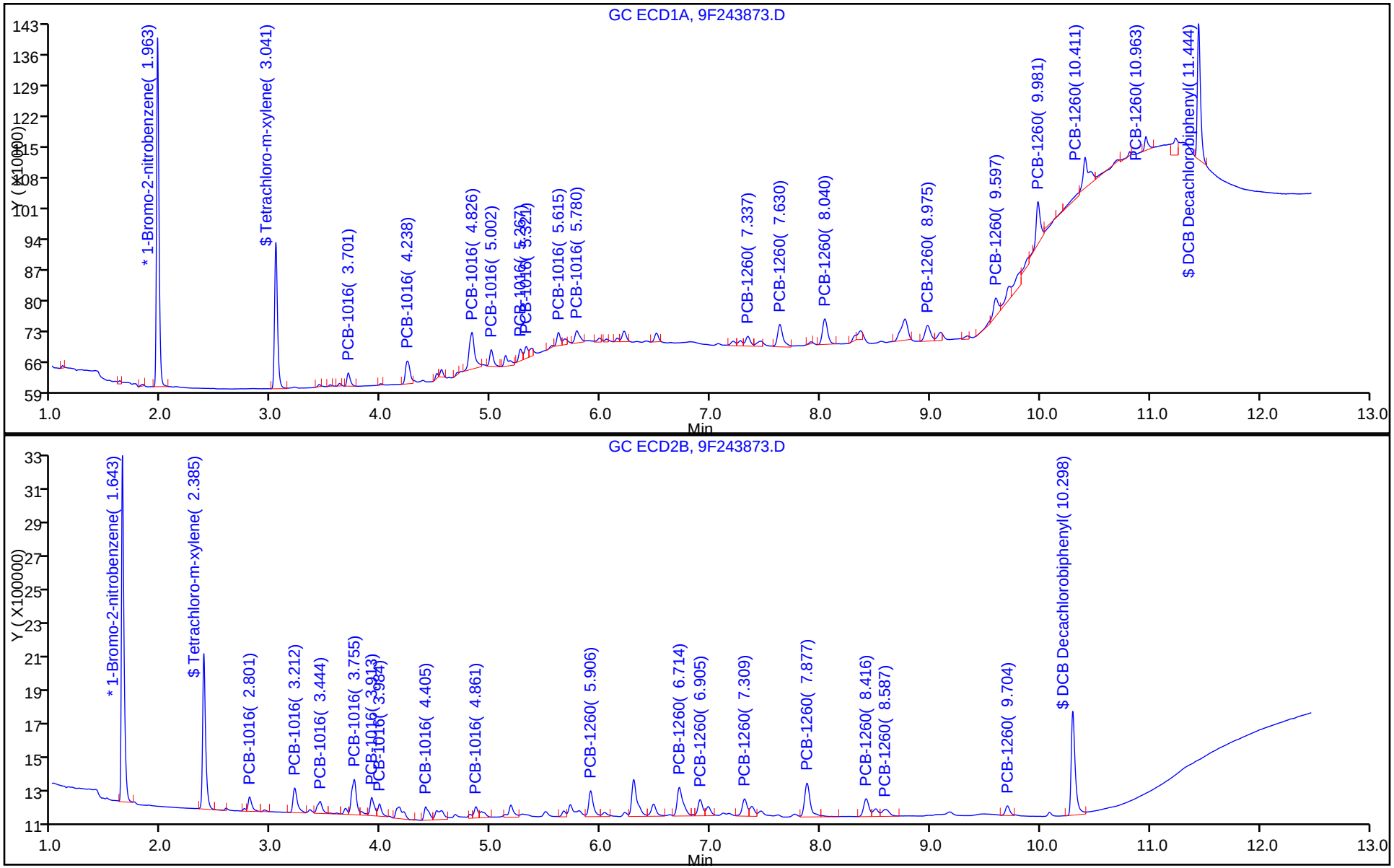
SG1660(LVI)L1_00010	Amount Added:	1.00	Units: mL	
SGPCBISTD_00007	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 20-Sep-2016 10:18:31 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243873.D

Injection Date:	19-Sep-2016 15:51:56	Instrument ID:	CPESTGC9	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\CPESTGC9\20160919-45767.b\9F243874.D
Lims ID: IC PCB 2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 19-Sep-2016 16:08:47 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0045767-003
Operator ID: Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Sep-2016 10:18:34 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 20-Sep-2016 06:49:17

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	1.963	1.963	0.000	1082506	20.0	20.0	
2	1.642	1.643	-0.001	2866614	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	3.042	3.042	0.000	2790779	50.0	51.0	
2	2.385	2.386	-0.001	7202723	50.0	52.5	M
						RPD = 2.98	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.700	3.701	-0.001	634512	500.0	507.2	
1	4.238	4.240	-0.002	1419632	500.0	515.6	
1	4.827	4.828	-0.001	2281165	500.0	494.0	M
1	5.002	5.004	-0.002	991266	500.0	509.4	M
1	5.267	5.268	-0.001	525617	500.0	506.3	M
1	5.319	5.321	-0.002	597851	500.0	506.2	M
1	5.614	5.616	-0.002	755174	500.0	510.4	M
1	5.781	5.783	-0.002	938797	500.0	534.4	M
		Average of Peak Amounts =				510.4	
2	2.800	2.801	-0.001	1661789	500.0	497.9	
2	3.212	3.213	-0.001	3337556	500.0	509.2	
2	3.443	3.444	-0.001	2001659	500.0	487.0	M
2	3.755	3.756	-0.001	6062894	500.0	505.8	
2	3.913	3.915	-0.002	2323862	500.0	494.8	
2	3.985	3.986	-0.001	1392609	500.0	457.6	
2	4.405	4.406	-0.001	2187607	500.0	504.0	M
2	4.862	4.863	-0.001	1260325	500.0	493.6	M
		Average of Peak Amounts =				493.7	
						RPD = 3.33	
8 PCB-1260							M
1	7.338	7.340	-0.002	640170	500.0	497.8	
1	7.631	7.632	-0.001	1529678	500.0	497.8	
1	8.040	8.042	-0.002	1756032	500.0	508.2	
1	8.977	8.978	-0.001	1115614	500.0	490.6	
1	9.596	9.597	-0.001	1052278	500.0	467.0	M
1	9.981	9.982	-0.001	2441568	500.0	495.5	M
1	10.410	10.412	-0.002	2201605	500.0	472.4	M
1	10.963	10.968	-0.005	653219	500.0	504.7	M
		Average of Peak Amounts =				491.7	
2	5.907	5.908	-0.001	3569911	500.0	499.8	
2	6.716	6.716	0.000	5722506	500.0	501.7	
2	6.905	6.906	-0.001	2751407	500.0	512.8	
2	7.311	7.311	0.000	2768307	500.0	494.4	M
2	7.880	7.881	-0.001	6545395	500.0	499.2	
2	8.417	8.419	-0.002	3264428	500.0	493.3	
2	8.593	8.595	-0.002	1779412	500.0	490.2	
2	9.704	9.705	-0.001	1595612	500.0	494.5	
		Average of Peak Amounts =				498.3	
						RPD = 1.31	
$ 11 DCB Decachlorobiphenyl							
1	11.443	11.449	-0.006	2579916	50.0	51.9	
2	10.297	10.301	-0.004	5895262	50.0	52.8	
						RPD = 1.84	
S 12 Polychlorinated biphenyls, Total							
1						1002.2	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

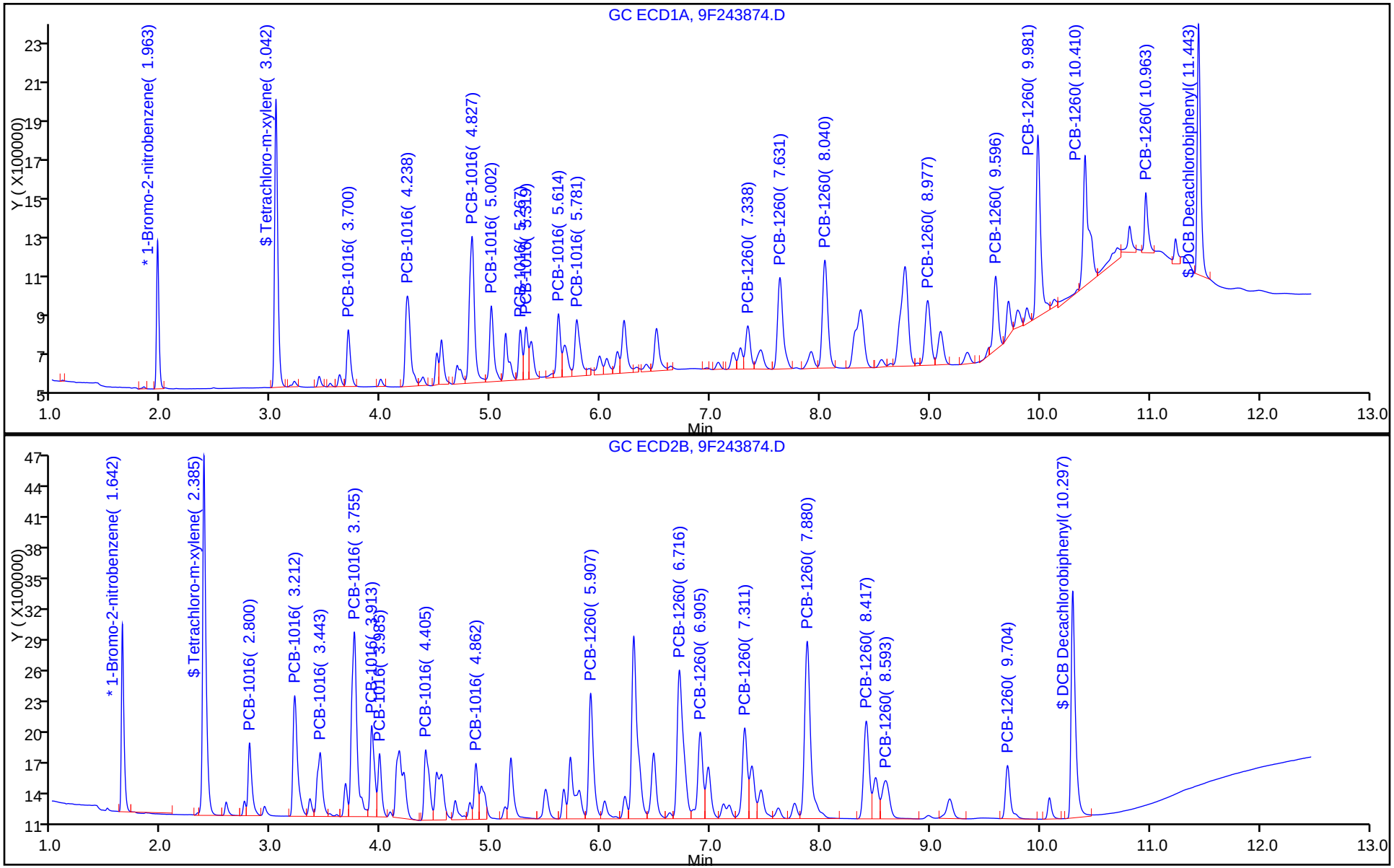
SG1660L2_00023	Amount Added:	1.00	Units: mL	
SGPCBISTD_00007	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 20-Sep-2016 10:18:38 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243874.D

Injection Date:	19-Sep-2016 16:08:47	Instrument ID:	CPESTGC9	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\CPESTGC9\20160919-45767.b\9F243875.D
Lims ID: IC PCB 3
Client ID:
Sample Type: ICRT Calib Level: 3
Inject. Date: 19-Sep-2016 16:25:39 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0045767-004
Operator ID: Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Sep-2016 10:18:40 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 20-Sep-2016 06:44:03

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.964	1.964	0.000	1134308	20.0	20.0	M
2	1.643	1.643	0.000	2964109	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	3.042	3.042	0.000	5965420	100.0	104.0	
2	2.386	2.386	0.000	14685689	100.0	103.5	
						RPD = 0.42	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.701	3.701	0.000	1300224	1000.0	991.8	
1	4.240	4.240	0.000	2835951	1000.0	983.0	M
1	4.828	4.828	0.000	4527383	1000.0	935.6	M
1	5.004	5.004	0.000	2036904	1000.0	999.0	M
1	5.268	5.268	0.000	1064513	1000.0	978.6	M
1	5.321	5.321	0.000	1227985	1000.0	992.2	M
1	5.616	5.616	0.000	1621286	1000.0	1045.8	M
1	5.783	5.783	0.000	1834115	1000.0	996.4	M
		Average of Peak Amounts =				990.3	
2	2.801	2.801	0.000	3345868	1000.0	969.6	
2	3.213	3.213	0.000	6523217	1000.0	962.5	M
2	3.444	3.444	0.000	4115884	1000.0	968.5	M
2	3.756	3.756	0.000	12399395	1000.0	1000.3	M
2	3.915	3.915	0.000	4750206	1000.0	978.1	M
2	3.986	3.986	0.000	3078794	1000.0	978.4	M
2	4.406	4.406	0.000	4402002	1000.0	980.8	M
2	4.863	4.863	0.000	2513594	1000.0	952.1	M
		Average of Peak Amounts =				973.8	
						RPD = 1.68	
8 PCB-1260							M
1	7.340	7.340	0.000	1301097	1000.0	965.5	
1	7.632	7.632	0.000	3073681	1000.0	954.6	
1	8.042	8.042	0.000	3511565	1000.0	969.8	
1	8.978	8.978	0.000	2292885	1000.0	962.2	
1	9.597	9.597	0.000	2276365	1000.0	964.1	M
1	9.982	9.982	0.000	5185451	1000.0	1004.3	M
1	10.412	10.412	0.000	4833517	1000.0	989.8	M
1	10.968	10.968	0.000	1329552	1000.0	980.4	M
		Average of Peak Amounts =				973.8	
2	5.908	5.908	0.000	6998075	1000.0	947.5	
2	6.716	6.716	0.000	11523735	1000.0	977.1	
2	6.906	6.906	0.000	5512340	1000.0	993.5	
2	7.311	7.311	0.000	5652155	1000.0	976.2	
2	7.881	7.881	0.000	13316542	1000.0	982.3	
2	8.419	8.419	0.000	6703275	1000.0	979.7	
2	8.595	8.595	0.000	3652299	1000.0	973.2	
2	9.705	9.705	0.000	3319386	1000.0	995.0	
		Average of Peak Amounts =				978.1	
						RPD = 0.43	
$ 11 DCB Decachlorobiphenyl							
1	11.449	11.449	0.000	5370341	100.0	103.0	
2	10.301	10.301	0.000	11714133	100.0	101.5	
						RPD = 1.48	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

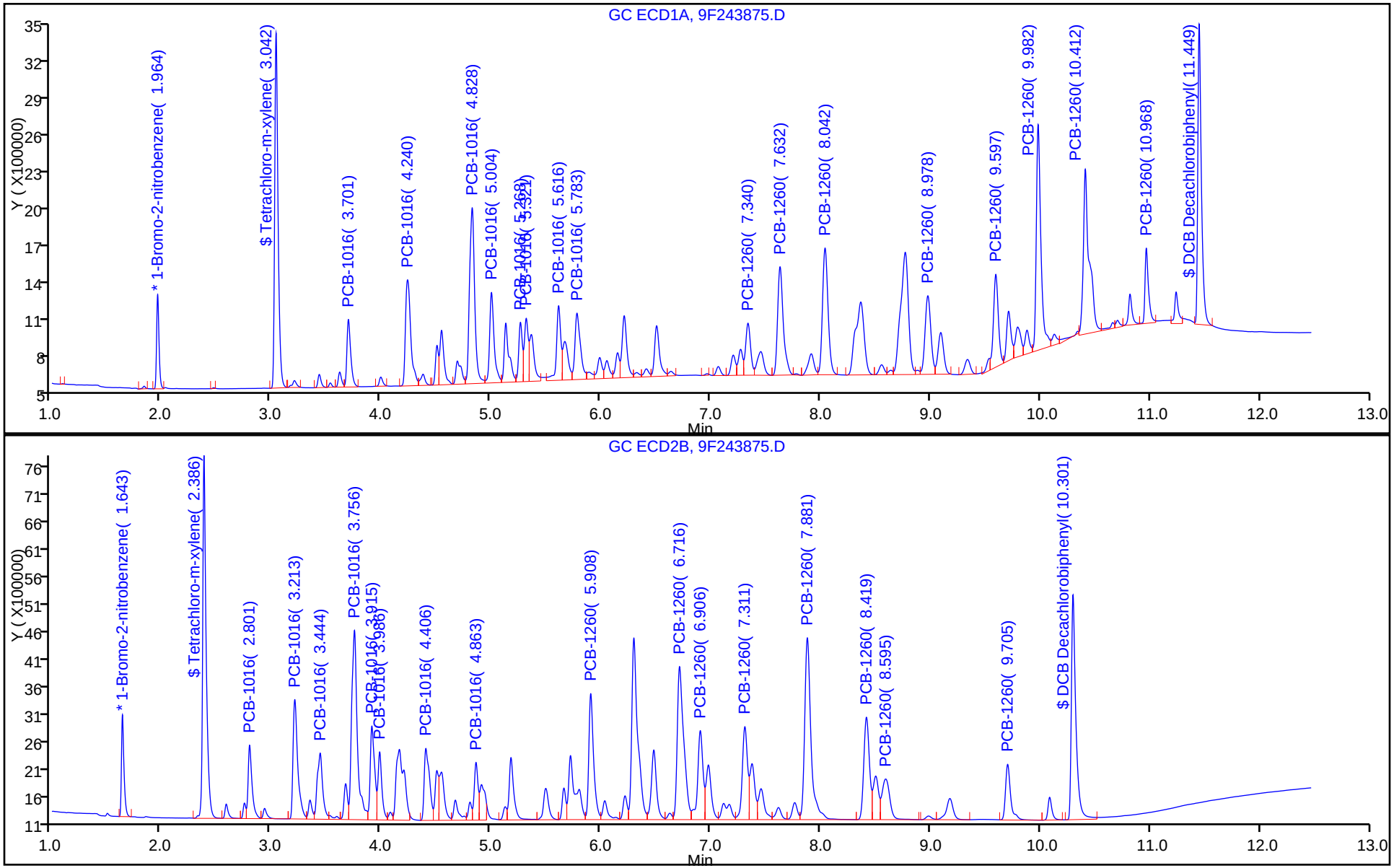
SG1660L3_00029	Amount Added:	1.00	Units: mL	
SGPCBISTD_00007	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 20-Sep-2016 10:18:43 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243875.D

Injection Date:	19-Sep-2016 16:25:39	Instrument ID:	CPESTGC9	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\CPESTGC9\20160919-45767.b\9F243876.D
Lims ID: IC PCB 4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 19-Sep-2016 16:42:31 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0045767-005
Operator ID: Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Sep-2016 10:18:46 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 20-Sep-2016 06:49:32

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	1.965	1.964	0.001	1088364	20.0	20.0	
2	1.644	1.643	0.001	2824602	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	3.043	3.042	0.001	8625597	150.0	156.7	
2	2.386	2.386	0.000	20715696	150.0	153.2	
						RPD = 2.20	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.701	3.701	0.000	1999197	1500.0	1589.4	
1	4.240	4.240	0.000	4278853	1500.0	1545.8	
1	4.829	4.828	0.001	6970249	1500.0	1501.2	M
1	5.005	5.004	0.001	3191581	1500.0	1631.4	M
1	5.268	5.268	0.000	1646503	1500.0	1577.5	M
1	5.320	5.321	-0.001	1859509	1500.0	1565.9	M
1	5.615	5.616	-0.001	2454841	1500.0	1650.3	M
1	5.783	5.783	0.000	2757490	1500.0	1561.2	M
		Average of Peak Amounts =				1577.9	
2	2.801	2.801	0.000	5081585	1500.0	1545.3	
2	3.214	3.213	0.001	9789648	1500.0	1515.9	M
2	3.445	3.444	0.001	6508942	1500.0	1607.2	M
2	3.757	3.756	0.001	18985411	1500.0	1607.3	M
2	3.915	3.915	0.000	7186950	1500.0	1552.9	M
2	3.986	3.986	0.000	4840409	1500.0	1614.1	M
2	4.406	4.406	0.000	6717768	1500.0	1570.7	M
2	4.863	4.863	0.000	3860053	1500.0	1534.3	M
		Average of Peak Amounts =				1568.5	
						RPD = 0.60	
8 PCB-1260							M
1	7.340	7.340	0.000	2045168	1500.0	1581.7	
1	7.632	7.632	0.000	4738183	1500.0	1533.6	
1	8.042	8.042	0.000	5433568	1500.0	1564.0	
1	8.978	8.978	0.000	3557206	1500.0	1555.9	
1	9.597	9.597	0.000	3583474	1500.0	1581.7	M
1	9.982	9.982	0.000	7931340	1500.0	1600.9	M
1	10.411	10.412	-0.001	7419203	1500.0	1583.5	M
1	10.965	10.968	-0.003	2100823	1500.0	1614.5	M
		Average of Peak Amounts =				1577.0	
2	5.908	5.908	0.000	10605887	1500.0	1506.9	
2	6.716	6.716	0.000	17756737	1500.0	1580.0	
2	6.905	6.906	-0.001	8401065	1500.0	1588.9	
2	7.311	7.311	0.000	8614081	1500.0	1561.2	
2	7.880	7.881	-0.001	20588595	1500.0	1593.7	
2	8.419	8.419	0.000	10463578	1500.0	1604.8	
2	8.594	8.595	-0.001	5732730	1500.0	1602.9	
2	9.705	9.705	0.000	5182746	1500.0	1630.2	
		Average of Peak Amounts =				1583.6	
						RPD = 0.42	
$ 11 DCB Decachlorobiphenyl							
1	11.446	11.449	-0.003	7599430	150.0	151.9	
2	10.299	10.301	-0.002	16266548	150.0	147.9	
						RPD = 2.68	
S 12 Polychlorinated biphenyls, Total							
1						3154.8	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

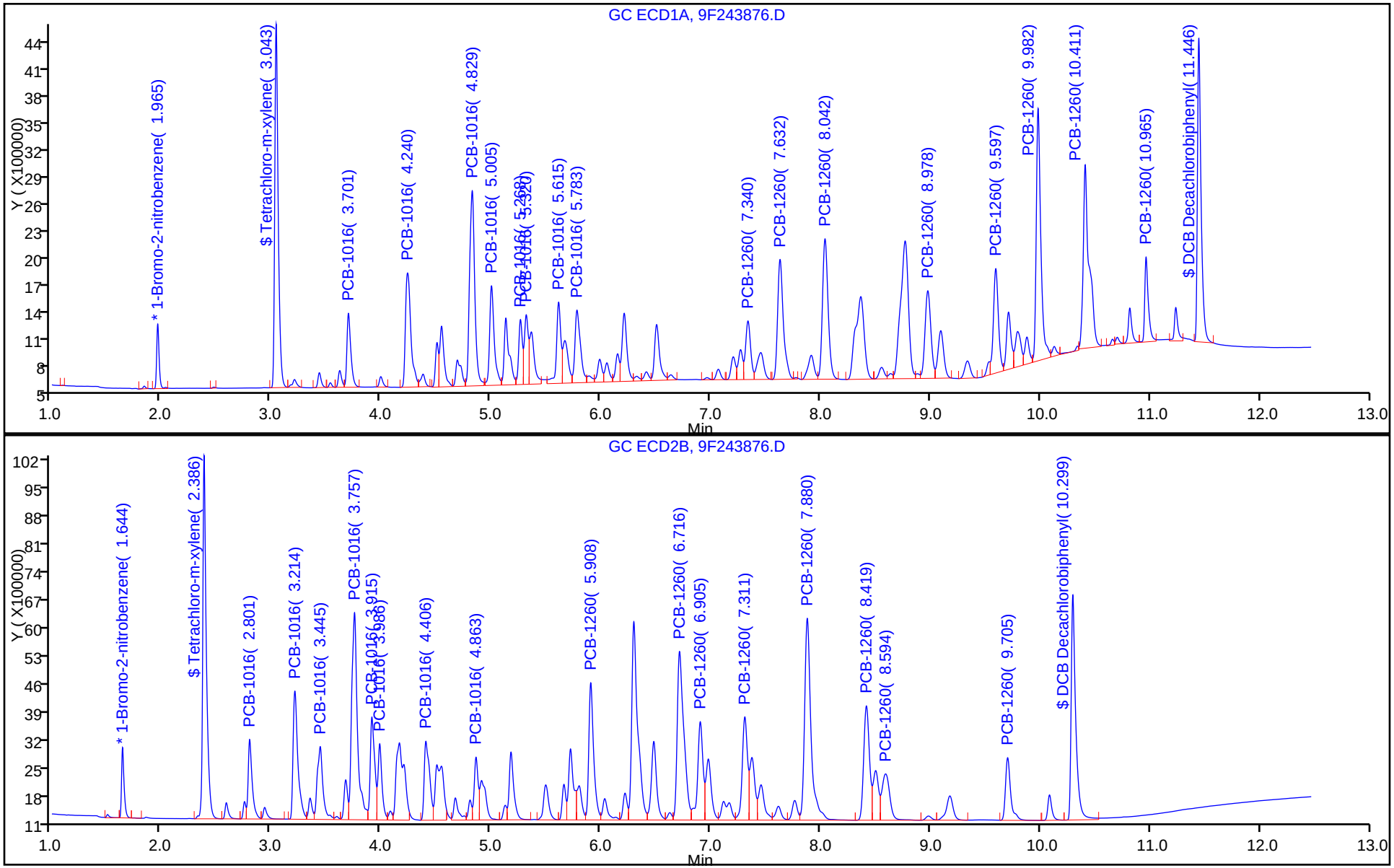
SG1660L4_00022	Amount Added:	1.00	Units: mL	
SGPCBISTD_00007	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 20-Sep-2016 10:18:49 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243876.D

Injection Date:	19-Sep-2016 16:42:31	Instrument ID:	CPESTGC9	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\CPESTGC9\20160919-45767.b\9F243877.D
Lims ID: IC PCB 5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 19-Sep-2016 16:59:24 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0045767-006
Operator ID: Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Sep-2016 10:18:51 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 20-Sep-2016 06:50:40

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	1.964	1.964	0.000	1063953	20.0	20.0	
2	1.643	1.643	0.000	2833072	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	3.043	3.042	0.001	11745801	200.0	218.2	
2	2.386	2.386	0.000	27632621	200.0	203.8	
						RPD = 6.83	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.701	3.701	0.000	3153532	2500.0	2564.7	
1	4.239	4.240	-0.001	6673891	2500.0	2466.3	M
1	4.829	4.828	0.001	11143339	2500.0	2455.1	M
1	5.004	5.004	0.000	5081341	2500.0	2657.0	M
1	5.267	5.268	-0.001	2532732	2500.0	2482.3	M
1	5.320	5.321	-0.001	2908735	2500.0	2505.7	M
1	5.615	5.616	-0.001	3747223	2500.0	2576.9	M
1	5.782	5.783	-0.001	4358543	2500.0	2524.3	M
		Average of Peak Amounts =				2529.0	
2	2.801	2.801	0.000	7849181	2500.0	2379.8	
2	3.213	3.213	0.000	15046248	2500.0	2322.9	M
2	3.444	3.444	0.000	10227360	2500.0	2517.8	M
2	3.756	3.756	0.000	29673731	2500.0	2504.6	M
2	3.914	3.915	-0.001	11130687	2500.0	2397.8	M
2	3.985	3.986	-0.001	7772199	2500.0	2584.1	M
2	4.405	4.406	-0.001	10602337	2500.0	2471.5	M
2	4.863	4.863	0.000	6045713	2500.0	2395.8	M
		Average of Peak Amounts =				2446.8	
						RPD = 3.31	
8 PCB-1260							M
1	7.339	7.340	-0.001	3314707	2500.0	2622.4	
1	7.631	7.632	-0.001	7544627	2500.0	2498.0	
1	8.040	8.042	-0.002	8578107	2500.0	2525.7	
1	8.977	8.978	-0.001	5701631	2500.0	2551.0	M
1	9.595	9.597	-0.002	5817110	2500.0	2626.5	M
1	9.982	9.982	0.000	12844409	2500.0	2652.1	M
1	10.413	10.412	0.001	12345282	2500.0	2695.3	M
1	10.969	10.968	0.001	3335251	2500.0	2622.0	M
		Average of Peak Amounts =				2599.1	
2	5.907	5.908	-0.001	16499526	2500.0	2337.3	
2	6.715	6.716	-0.001	27905744	2500.0	2475.6	
2	6.904	6.906	-0.002	13152884	2500.0	2480.2	
2	7.309	7.311	-0.002	13535921	2500.0	2445.9	
2	7.879	7.881	-0.002	32516229	2500.0	2509.5	
2	8.418	8.419	-0.001	16675875	2500.0	2550.0	
2	8.594	8.595	-0.001	9260735	2500.0	2581.6	
2	9.704	9.705	-0.001	8325373	2500.0	2610.9	
		Average of Peak Amounts =				2498.9	
						RPD = 3.93	
$ 11 DCB Decachlorobiphenyl							
1	11.451	11.449	0.002	10185385	200.0	208.3	
2	10.299	10.301	-0.002	21420060	200.0	194.2	
						RPD = 7.01	
S 12 Polychlorinated biphenyls, Total							
1						5128.2	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1660L5_00022	Amount Added:	1.00	Units: mL	
SGPCBISTD_00007	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 20-Sep-2016 10:18:55 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243877.D

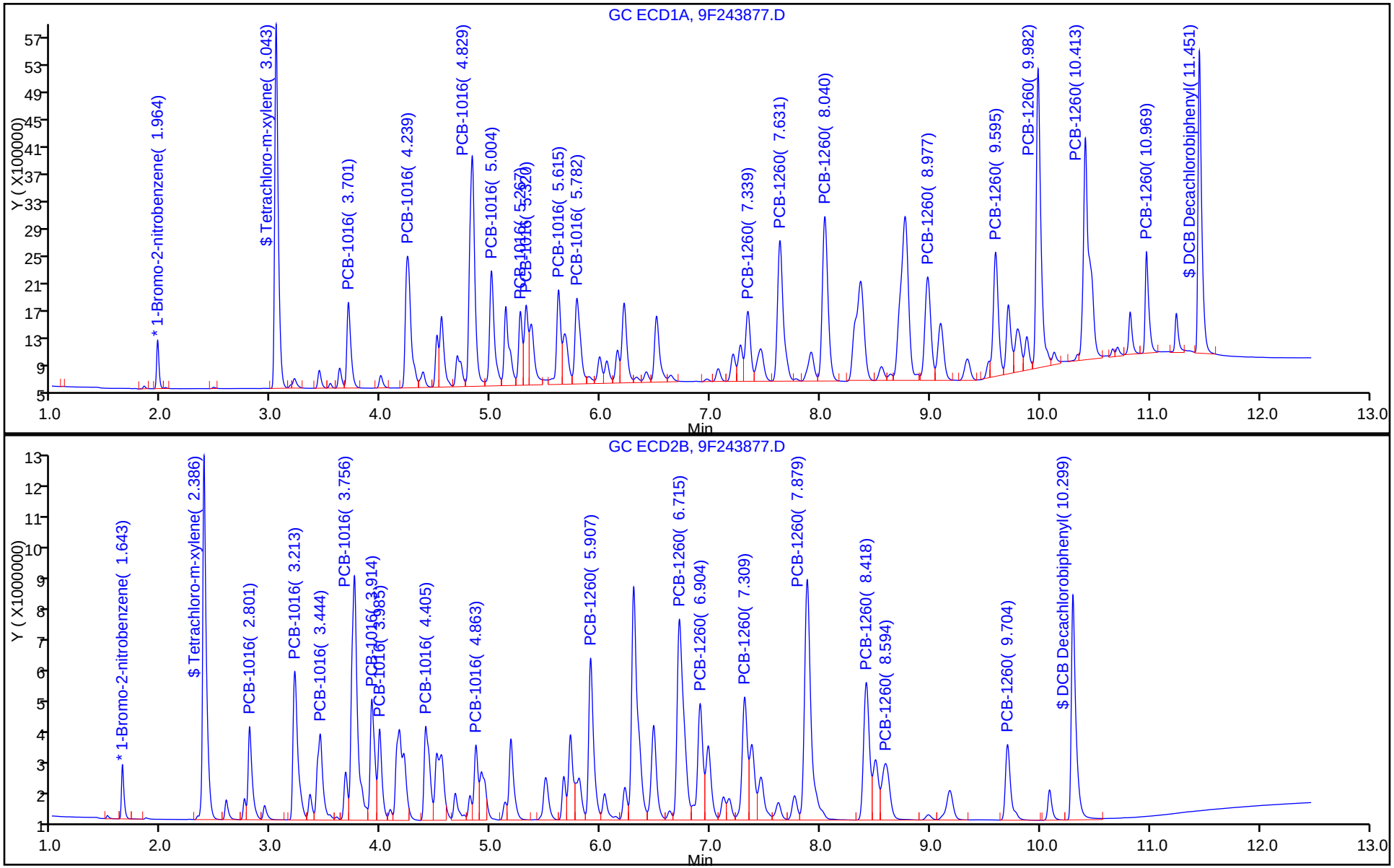
Injection Date: 19-Sep-2016 16:59:24 Instrument ID: CPESTGC9 Operator ID:

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.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 17:33 Calibration End Date: 09/19/2016 17:33 Calibration ID: 57967

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/8	9F243879.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	0.0119					Ave		0.0119						20.0			0.9900
PCB-1221 Peak 2	0.0132					Ave		0.0132						20.0			0.9900
PCB-1221 Peak 3	0.0092					Ave		0.0092						20.0			0.9900
PCB-1221 Peak 4	0.0344					Ave		0.0344						20.0			0.9900
PCB-1221 Peak 5	0.0056					Ave		0.0056						20.0			0.9900
PCB-1221 Peak 6	0.0061					Ave		0.0061						20.0			0.9900
PCB-1221 Peak 7	0.0026					Ave		0.0026						20.0			0.9900
PCB-1221 Peak 8	0.0014					Ave		0.0014						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.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 17:33 Calibration End Date: 09/19/2016 17:33 Calibration ID: 57967

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/8	9F243879.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1221 Peak 1	BNB	Ave	651469					1000				
PCB-1221 Peak 2	BNB	Ave	722782					1000				
PCB-1221 Peak 3	BNB	Ave	503894					1000				
PCB-1221 Peak 4	BNB	Ave	1878246					1000				
PCB-1221 Peak 5	BNB	Ave	306493					1000				
PCB-1221 Peak 6	BNB	Ave	332673					1000				
PCB-1221 Peak 7	BNB	Ave	142197					1000				
PCB-1221 Peak 8	BNB	Ave	76061					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243879.D
Lims ID: IC 1221
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 19-Sep-2016 17:33:04 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0045767-008
Operator ID: Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Sep-2016 10:19:20 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 20-Sep-2016 09:49:47

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	1.962	1.962	0.000	1091908	20.0	20.0	M
2	1.642	1.642	0.000	2602147	20.0	20.0	
						RPD = 0.00	
1 PCB-1221							M
1	2.473	2.473	0.000	651469	1000.0	1000.0	a
1	3.435	3.435	0.000	722782	1000.0	1000.0	a
1	3.621	3.621	0.000	503894	1000.0	1000.0	a
1	3.700	3.700	0.000	1878246	1000.0	1000.0	a
1	4.303	4.303	0.000	306493	1000.0	1000.0	M
1	4.827	4.827	0.000	332673	1000.0	1000.0	M
1	5.003	5.003	0.000	142197	1000.0	1000.0	M
1	5.132	5.132	0.000	76061	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	1.857	1.857	0.000	1500891	1000.0	1000.0	a
2	2.587	2.587	0.000	1781993	1000.0	1000.0	a
2	2.753	2.753	0.000	918781	1000.0	1000.0	a
2	2.799	2.799	0.000	4748474	1000.0	1000.0	M
2	3.213	3.213	0.000	459127	1000.0	1000.0	M
2	3.352	3.352	0.000	720592	1000.0	1000.0	M
2	3.754	3.754	0.000	724257	1000.0	1000.0	M
2	3.912	3.912	0.000	323508	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

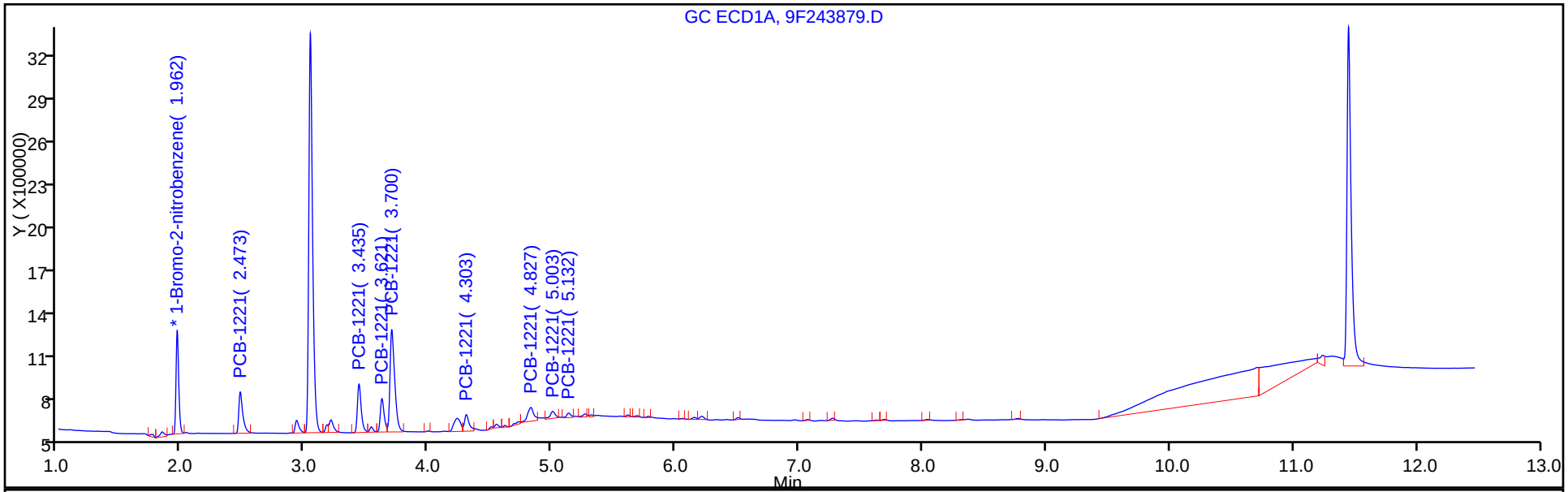
SG1221L3_00026	Amount Added:	1.00	Units: mL	
SGPCBISTD_00007	Amount Added:	20.00	Units: uL	Run Reagent

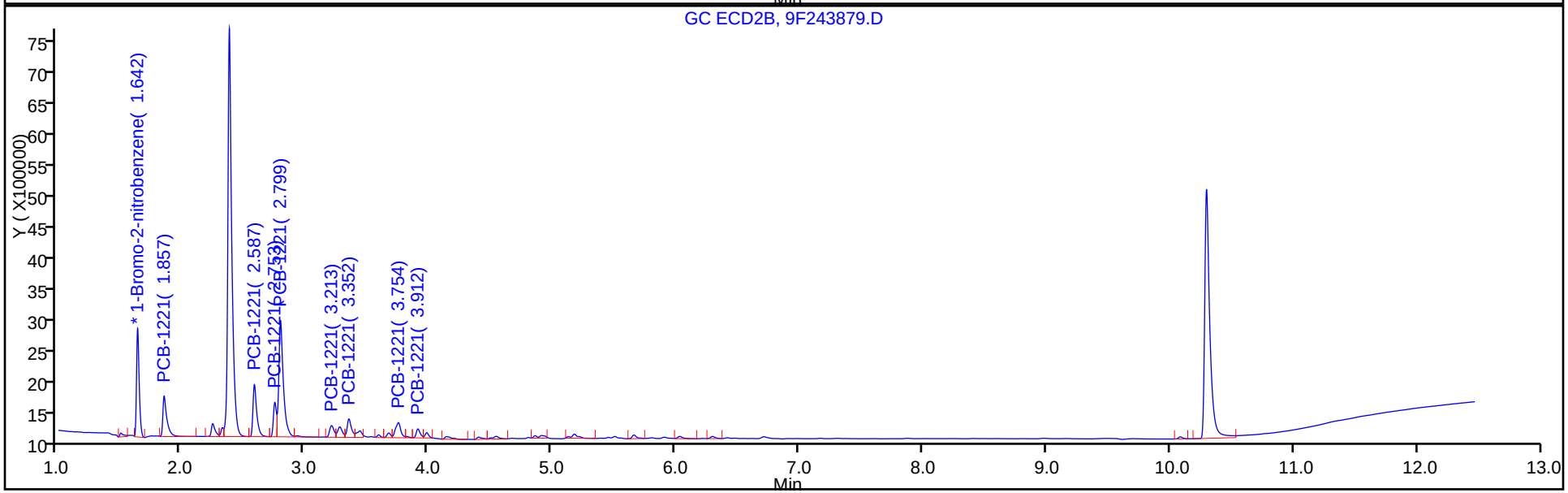
Report Date: 20-Sep-2016 10:19:24 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243879.D

Injection Date:	19-Sep-2016 17:33:04	Instrument ID:	CPESTGC9	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.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 17:33 Calibration End Date: 09/19/2016 17:33 Calibration ID: 57968

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/8	9F243879.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	0.0115					Ave		0.0115						20.0			0.9900
PCB-1221 Peak 2	0.0137					Ave		0.0137						20.0			0.9900
PCB-1221 Peak 3	0.0071					Ave		0.0071						20.0			0.9900
PCB-1221 Peak 4	0.0365					Ave		0.0365						20.0			0.9900
PCB-1221 Peak 5	0.0035					Ave		0.0035						20.0			0.9900
PCB-1221 Peak 6	0.0055					Ave		0.0055						20.0			0.9900
PCB-1221 Peak 7	0.0056					Ave		0.0056						20.0			0.9900
PCB-1221 Peak 8	0.0025					Ave		0.0025						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.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 17:33 Calibration End Date: 09/19/2016 17:33 Calibration ID: 57968

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/8	9F243879.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1221 Peak 1	BNB	Ave	1500891					1000				
PCB-1221 Peak 2	BNB	Ave	1781993					1000				
PCB-1221 Peak 3	BNB	Ave	918781					1000				
PCB-1221 Peak 4	BNB	Ave	4748474					1000				
PCB-1221 Peak 5	BNB	Ave	459127					1000				
PCB-1221 Peak 6	BNB	Ave	720592					1000				
PCB-1221 Peak 7	BNB	Ave	724257					1000				
PCB-1221 Peak 8	BNB	Ave	323508					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243879.D
Lims ID: IC 1221
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 19-Sep-2016 17:33:04 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0045767-008
Operator ID: Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Sep-2016 10:19:20 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 20-Sep-2016 09:49:47

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	1.962	1.962	0.000	1091908	20.0	20.0	M
2	1.642	1.642	0.000	2602147	20.0	20.0	
						RPD = 0.00	
1 PCB-1221							M
1	2.473	2.473	0.000	651469	1000.0	1000.0	a
1	3.435	3.435	0.000	722782	1000.0	1000.0	a
1	3.621	3.621	0.000	503894	1000.0	1000.0	a
1	3.700	3.700	0.000	1878246	1000.0	1000.0	a
1	4.303	4.303	0.000	306493	1000.0	1000.0	M
1	4.827	4.827	0.000	332673	1000.0	1000.0	M
1	5.003	5.003	0.000	142197	1000.0	1000.0	M
1	5.132	5.132	0.000	76061	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	1.857	1.857	0.000	1500891	1000.0	1000.0	a
2	2.587	2.587	0.000	1781993	1000.0	1000.0	a
2	2.753	2.753	0.000	918781	1000.0	1000.0	a
2	2.799	2.799	0.000	4748474	1000.0	1000.0	M
2	3.213	3.213	0.000	459127	1000.0	1000.0	M
2	3.352	3.352	0.000	720592	1000.0	1000.0	M
2	3.754	3.754	0.000	724257	1000.0	1000.0	M
2	3.912	3.912	0.000	323508	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

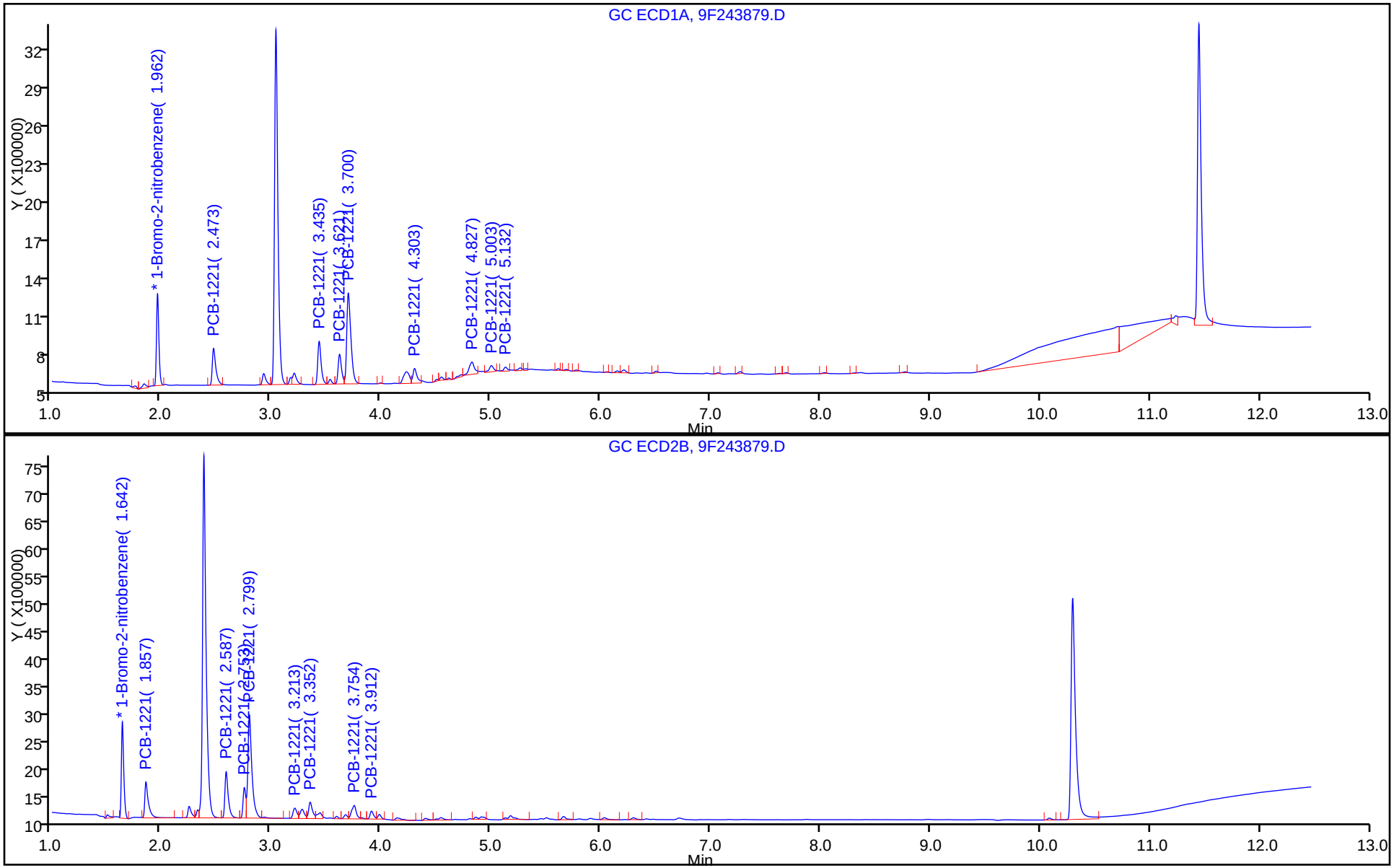
SG1221L3_00026	Amount Added:	1.00	Units: mL	
SGPCBISTD_00007	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 20-Sep-2016 10:19:24 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243879.D

Injection Date:	19-Sep-2016 17:33:04	Instrument ID:	CPESTGC9	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.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 17:49 Calibration End Date: 09/19/2016 17:49 Calibration ID: 57973

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/9	9F243880.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	0.0278					Ave		0.0278						20.0			0.9900
PCB-1232 Peak 2	0.0229					Ave		0.0229						20.0			0.9900
PCB-1232 Peak 3	0.0370					Ave		0.0370						20.0			0.9900
PCB-1232 Peak 4	0.0170					Ave		0.0170						20.0			0.9900
PCB-1232 Peak 5	0.0072					Ave		0.0072						20.0			0.9900
PCB-1232 Peak 6	0.0095					Ave		0.0095						20.0			0.9900
PCB-1232 Peak 7	0.0085					Ave		0.0085						20.0			0.9900
PCB-1232 Peak 8	0.0107					Ave		0.0107						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.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 17:49 Calibration End Date: 09/19/2016 17:49 Calibration ID: 57973

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/9	9F243880.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1232 Peak 1	BNB	Ave	1752474					1000				
PCB-1232 Peak 2	BNB	Ave	1442715					1000				
PCB-1232 Peak 3	BNB	Ave	2331827					1000				
PCB-1232 Peak 4	BNB	Ave	1072527					1000				
PCB-1232 Peak 5	BNB	Ave	452387					1000				
PCB-1232 Peak 6	BNB	Ave	600442					1000				
PCB-1232 Peak 7	BNB	Ave	538569					1000				
PCB-1232 Peak 8	BNB	Ave	671649					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243880.D
Lims ID: IC 1232
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 19-Sep-2016 17:49:55 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0045767-009
Operator ID: Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub3

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Sep-2016 10:19:30 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 20-Sep-2016 09:57:56

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	1.964	1.964	0.000	1260386	20.0	20.0	
2	1.643	1.643	0.000	2813746	20.0	20.0	
						RPD = 0.00	
3 PCB-1232							M
1	3.700	3.700	0.000	1752474	1000.0	1000.0	
1	4.238	4.238	0.000	1442715	1000.0	1000.0	
1	4.827	4.827	0.000	2331827	1000.0	1000.0	M
1	5.002	5.002	0.000	1072527	1000.0	1000.0	M
1	5.266	5.266	0.000	452387	1000.0	1000.0	M
1	5.614	5.614	0.000	600442	1000.0	1000.0	M
1	6.150	6.150	0.000	538569	1000.0	1000.0	M
1	6.215	6.215	0.000	671649	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.800	2.800	0.000	4434363	1000.0	1000.0	
2	3.212	3.212	0.000	3669660	1000.0	1000.0	
2	3.443	3.443	0.000	2143263	1000.0	1000.0	M
2	3.755	3.755	0.000	6257999	1000.0	1000.0	M
2	3.913	3.913	0.000	2426717	1000.0	1000.0	M
2	4.404	4.404	0.000	2036898	1000.0	1000.0	M
2	4.940	4.940	0.000	3226891	1000.0	1000.0	M
2	5.177	5.177	0.000	1578369	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

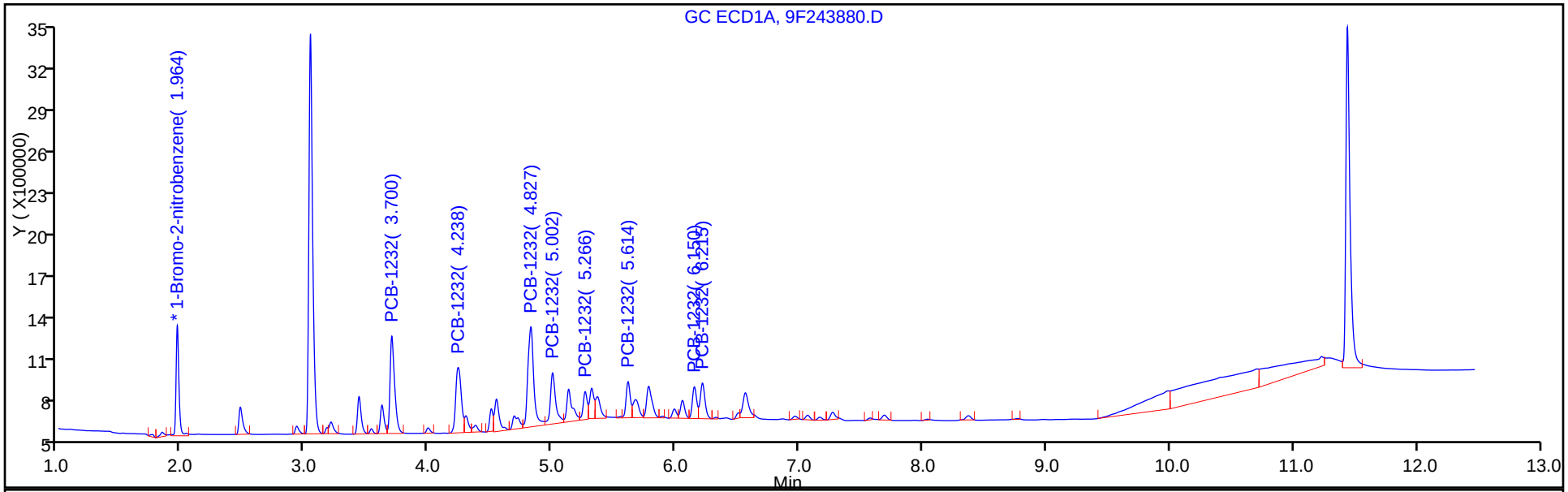
SG1232L3_00025	Amount Added:	1.00	Units: mL	
SGPCBISTD_00007	Amount Added:	20.00	Units: uL	Run Reagent

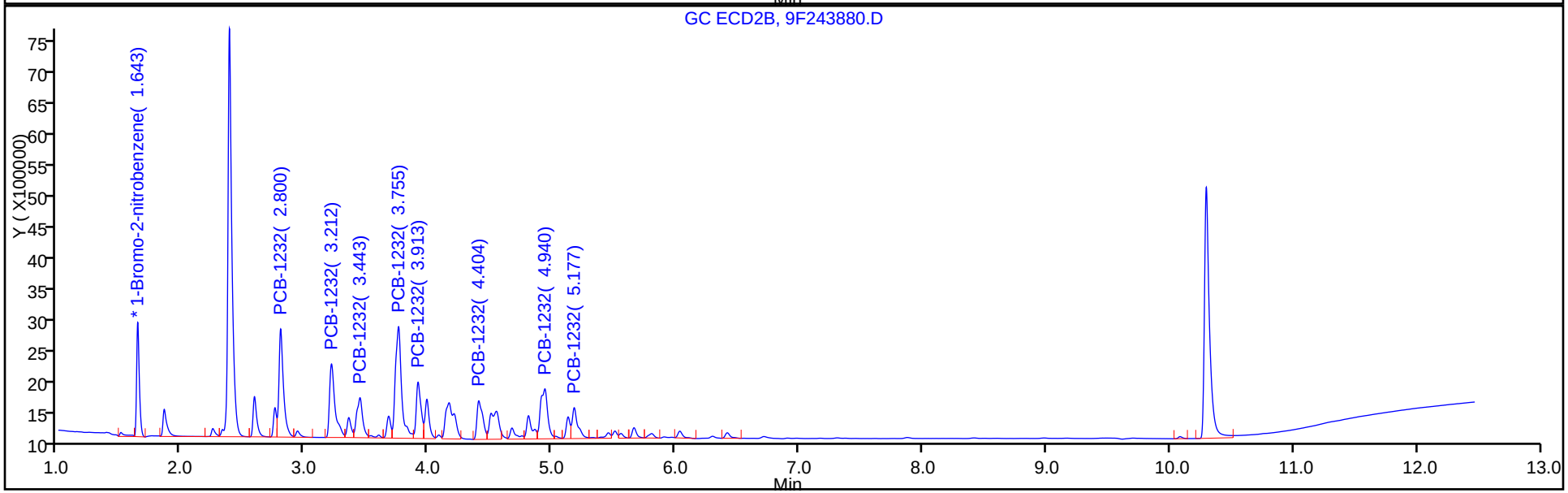
Report Date: 20-Sep-2016 10:19:33 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243880.D

Injection Date:	19-Sep-2016 17:49:55	Instrument ID:	CPESTGC9	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.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 17:49 Calibration End Date: 09/19/2016 17:49 Calibration ID: 57974

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/9	9F243880.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	0.0315					Ave		0.0315						20.0			0.9900
PCB-1232 Peak 2	0.0261					Ave		0.0261						20.0			0.9900
PCB-1232 Peak 3	0.0152					Ave		0.0152						20.0			0.9900
PCB-1232 Peak 4	0.0445					Ave		0.0445						20.0			0.9900
PCB-1232 Peak 5	0.0172					Ave		0.0172						20.0			0.9900
PCB-1232 Peak 6	0.0145					Ave		0.0145						20.0			0.9900
PCB-1232 Peak 7	0.0229					Ave		0.0229						20.0			0.9900
PCB-1232 Peak 8	0.0112					Ave		0.0112						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.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 17:49 Calibration End Date: 09/19/2016 17:49 Calibration ID: 57974

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/9	9F243880.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1232 Peak 1	BNB	Ave	4434363					1000				
PCB-1232 Peak 2	BNB	Ave	3669660					1000				
PCB-1232 Peak 3	BNB	Ave	2143263					1000				
PCB-1232 Peak 4	BNB	Ave	6257999					1000				
PCB-1232 Peak 5	BNB	Ave	2426717					1000				
PCB-1232 Peak 6	BNB	Ave	2036898					1000				
PCB-1232 Peak 7	BNB	Ave	3226891					1000				
PCB-1232 Peak 8	BNB	Ave	1578369					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243880.D
Lims ID: IC 1232
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 19-Sep-2016 17:49:55 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0045767-009
Operator ID: Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub3

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Sep-2016 10:19:30 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 20-Sep-2016 09:57:56

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	1.964	1.964	0.000	1260386	20.0	20.0	
2	1.643	1.643	0.000	2813746	20.0	20.0	
						RPD = 0.00	
3 PCB-1232							M
1	3.700	3.700	0.000	1752474	1000.0	1000.0	
1	4.238	4.238	0.000	1442715	1000.0	1000.0	
1	4.827	4.827	0.000	2331827	1000.0	1000.0	M
1	5.002	5.002	0.000	1072527	1000.0	1000.0	M
1	5.266	5.266	0.000	452387	1000.0	1000.0	M
1	5.614	5.614	0.000	600442	1000.0	1000.0	M
1	6.150	6.150	0.000	538569	1000.0	1000.0	M
1	6.215	6.215	0.000	671649	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.800	2.800	0.000	4434363	1000.0	1000.0	
2	3.212	3.212	0.000	3669660	1000.0	1000.0	
2	3.443	3.443	0.000	2143263	1000.0	1000.0	M
2	3.755	3.755	0.000	6257999	1000.0	1000.0	M
2	3.913	3.913	0.000	2426717	1000.0	1000.0	M
2	4.404	4.404	0.000	2036898	1000.0	1000.0	M
2	4.940	4.940	0.000	3226891	1000.0	1000.0	M
2	5.177	5.177	0.000	1578369	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

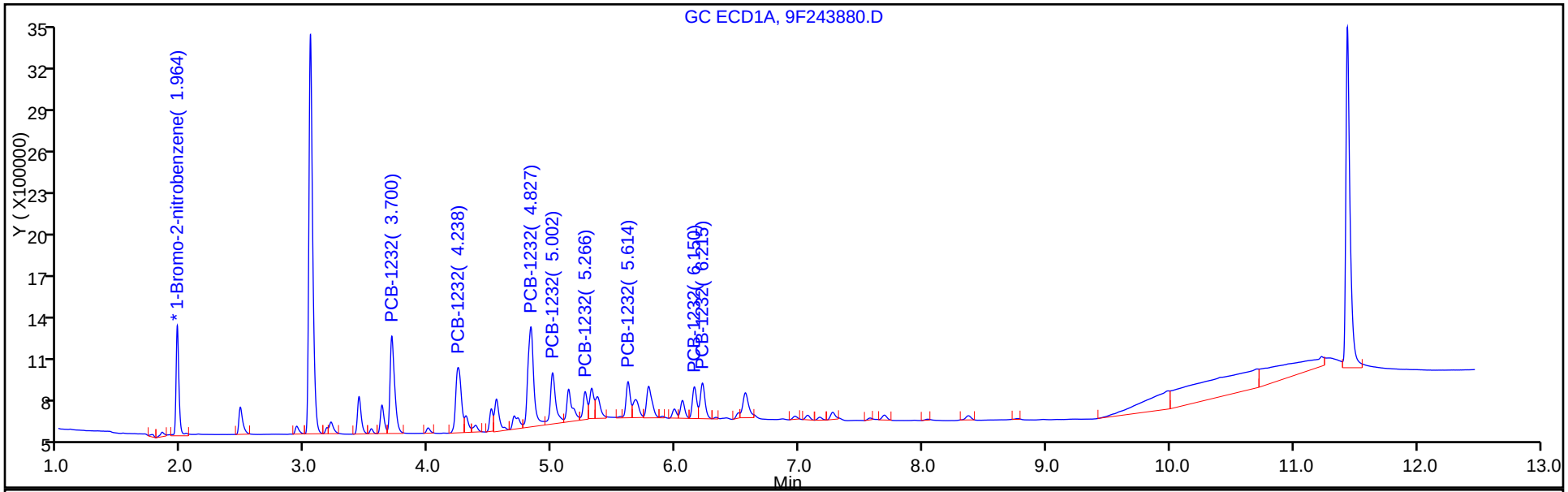
SG1232L3_00025	Amount Added:	1.00	Units: mL	
SGPCBISTD_00007	Amount Added:	20.00	Units: uL	Run Reagent

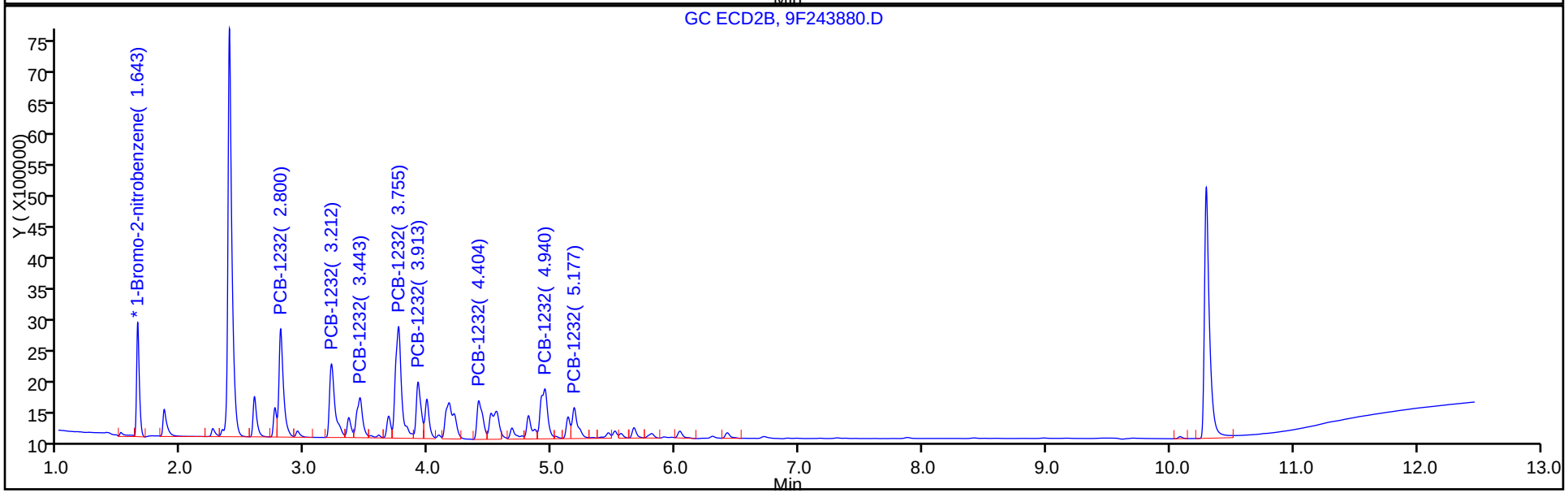
Report Date: 20-Sep-2016 10:19:33 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243880.D

Injection Date:	19-Sep-2016 17:49:55	Instrument ID:	CPESTGC9	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.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 18:06 Calibration End Date: 09/19/2016 18:06 Calibration ID: 57979

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/10	9F243881.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	0.0196					Ave		0.0196						20.0			0.9900
PCB-1242 Peak 2	0.0420					Ave		0.0420						20.0			0.9900
PCB-1242 Peak 3	0.0694					Ave		0.0694						20.0			0.9900
PCB-1242 Peak 4	0.0343					Ave		0.0343						20.0			0.9900
PCB-1242 Peak 5	0.0174					Ave		0.0174						20.0			0.9900
PCB-1242 Peak 6	0.0232					Ave		0.0232						20.0			0.9900
PCB-1242 Peak 7	0.0200					Ave		0.0200						20.0			0.9900
PCB-1242 Peak 8	0.0247					Ave		0.0247						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.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 18:06 Calibration End Date: 09/19/2016 18:06 Calibration ID: 57979

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/10	9F243881.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1242 Peak 1	BNB	Ave	1096842					1000				
PCB-1242 Peak 2	BNB	Ave	2355678					1000				
PCB-1242 Peak 3	BNB	Ave	3888797					1000				
PCB-1242 Peak 4	BNB	Ave	1919668					1000				
PCB-1242 Peak 5	BNB	Ave	973674					1000				
PCB-1242 Peak 6	BNB	Ave	1299219					1000				
PCB-1242 Peak 7	BNB	Ave	1119549					1000				
PCB-1242 Peak 8	BNB	Ave	1386889					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243881.D
Lims ID: IC 1242
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 19-Sep-2016 18:06:47 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0045767-010
Operator ID: Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Sep-2016 10:19:35 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 20-Sep-2016 10:00:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.963	1.963	0.000	1120838	20.0	20.0	M
2	1.643	1.643	0.000	2717216	20.0	20.0	
						RPD = 0.00	
4 PCB-1242							M
1	3.700	3.700	0.000	1096842	1000.0	1000.0	a
1	4.238	4.238	0.000	2355678	1000.0	1000.0	a
1	4.827	4.827	0.000	3888797	1000.0	1000.0	M
1	5.002	5.002	0.000	1919668	1000.0	1000.0	M
1	5.266	5.266	0.000	973674	1000.0	1000.0	M
1	5.614	5.614	0.000	1299219	1000.0	1000.0	M
1	6.151	6.151	0.000	1119549	1000.0	1000.0	M
1	6.216	6.216	0.000	1386889	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.801	2.801	0.000	2839883	1000.0	1000.0	a
2	3.212	3.212	0.000	5440892	1000.0	1000.0	a
2	3.443	3.443	0.000	3377339	1000.0	1000.0	M
2	3.755	3.755	0.000	10030970	1000.0	1000.0	M
2	3.913	3.913	0.000	3928273	1000.0	1000.0	M
2	4.405	4.405	0.000	3662789	1000.0	1000.0	M
2	4.940	4.940	0.000	5889206	1000.0	1000.0	M
2	5.177	5.177	0.000	3034560	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

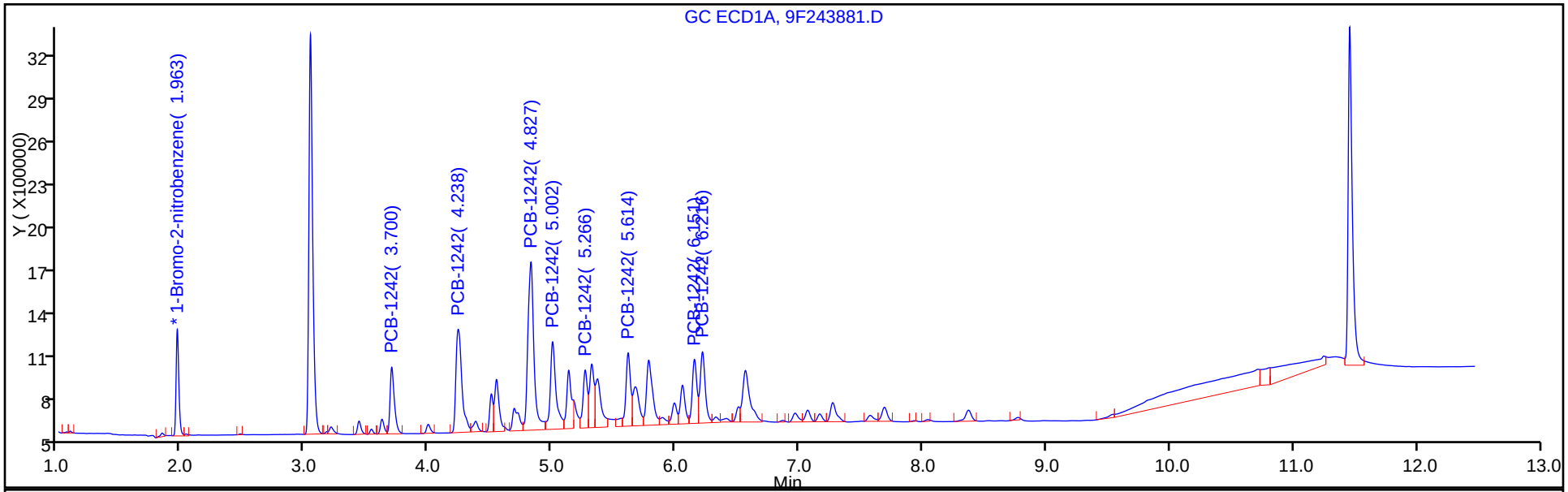
SG1242L3_00027	Amount Added:	1.00	Units: mL	
SGPCBISTD_00007	Amount Added:	20.00	Units: uL	Run Reagent

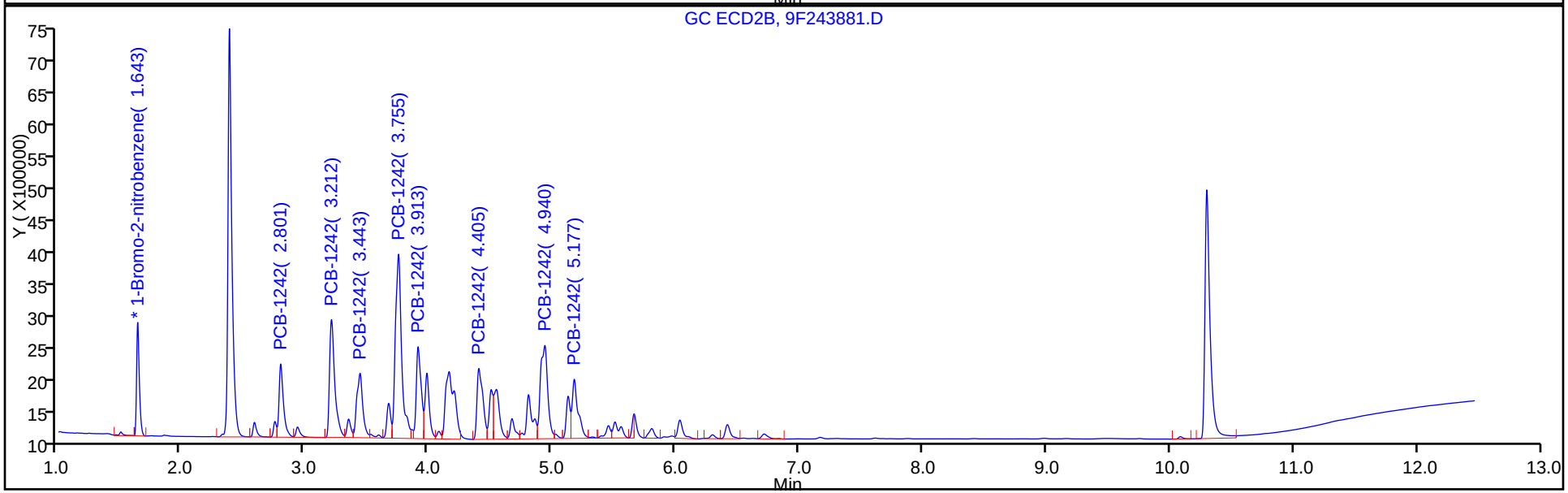
Report Date: 20-Sep-2016 10:19:38 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243881.D

Injection Date:	19-Sep-2016 18:06:47	Instrument ID:	CPESTGC9	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.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 18:06 Calibration End Date: 09/19/2016 18:06 Calibration ID: 57980

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/10	9F243881.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	0.0209					Ave		0.0209						20.0			0.9900
PCB-1242 Peak 2	0.0400					Ave		0.0400						20.0			0.9900
PCB-1242 Peak 3	0.0249					Ave		0.0249						20.0			0.9900
PCB-1242 Peak 4	0.0738					Ave		0.0738						20.0			0.9900
PCB-1242 Peak 5	0.0289					Ave		0.0289						20.0			0.9900
PCB-1242 Peak 6	0.0270					Ave		0.0270						20.0			0.9900
PCB-1242 Peak 7	0.0433					Ave		0.0433						20.0			0.9900
PCB-1242 Peak 8	0.0223					Ave		0.0223						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.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 18:06 Calibration End Date: 09/19/2016 18:06 Calibration ID: 57980

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/10	9F243881.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1242 Peak 1	BNB	Ave	2839883					1000				
PCB-1242 Peak 2	BNB	Ave	5440892					1000				
PCB-1242 Peak 3	BNB	Ave	3377339					1000				
PCB-1242 Peak 4	BNB	Ave	10030970					1000				
PCB-1242 Peak 5	BNB	Ave	3928273					1000				
PCB-1242 Peak 6	BNB	Ave	3662789					1000				
PCB-1242 Peak 7	BNB	Ave	5889206					1000				
PCB-1242 Peak 8	BNB	Ave	3034560					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243881.D
Lims ID: IC 1242
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 19-Sep-2016 18:06:47 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0045767-010
Operator ID: Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Sep-2016 10:19:35 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 20-Sep-2016 10:00:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.963	1.963	0.000	1120838	20.0	20.0	M
2	1.643	1.643	0.000	2717216	20.0	20.0	
						RPD = 0.00	
4 PCB-1242							M
1	3.700	3.700	0.000	1096842	1000.0	1000.0	a
1	4.238	4.238	0.000	2355678	1000.0	1000.0	a
1	4.827	4.827	0.000	3888797	1000.0	1000.0	M
1	5.002	5.002	0.000	1919668	1000.0	1000.0	M
1	5.266	5.266	0.000	973674	1000.0	1000.0	M
1	5.614	5.614	0.000	1299219	1000.0	1000.0	M
1	6.151	6.151	0.000	1119549	1000.0	1000.0	M
1	6.216	6.216	0.000	1386889	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.801	2.801	0.000	2839883	1000.0	1000.0	a
2	3.212	3.212	0.000	5440892	1000.0	1000.0	a
2	3.443	3.443	0.000	3377339	1000.0	1000.0	M
2	3.755	3.755	0.000	10030970	1000.0	1000.0	M
2	3.913	3.913	0.000	3928273	1000.0	1000.0	M
2	4.405	4.405	0.000	3662789	1000.0	1000.0	M
2	4.940	4.940	0.000	5889206	1000.0	1000.0	M
2	5.177	5.177	0.000	3034560	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

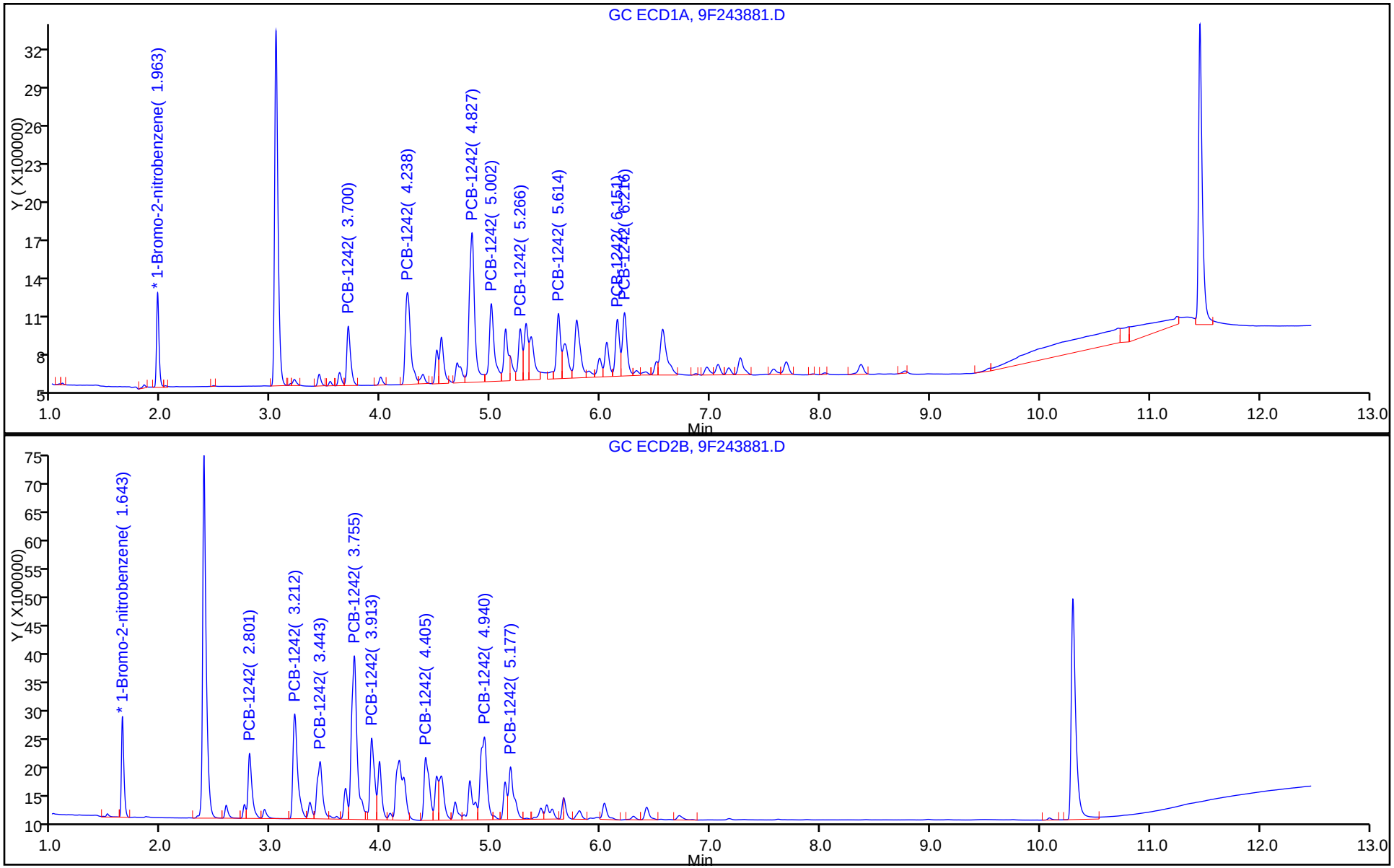
SG1242L3_00027	Amount Added:	1.00	Units: mL	
SGPCBISTD_00007	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 20-Sep-2016 10:19:39 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243881.D

Injection Date:	19-Sep-2016 18:06:47	Instrument ID:	CPESTGC9	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.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 18:23 Calibration End Date: 09/19/2016 18:23 Calibration ID: 57985

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/11	9F243882.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	0.0222					Ave		0.0222						20.0			0.9900
PCB-1248 Peak 2	0.0476					Ave		0.0476						20.0			0.9900
PCB-1248 Peak 3	0.0288					Ave		0.0288						20.0			0.9900
PCB-1248 Peak 4	0.0281					Ave		0.0281						20.0			0.9900
PCB-1248 Peak 5	0.0399					Ave		0.0399						20.0			0.9900
PCB-1248 Peak 6	0.0355					Ave		0.0355						20.0			0.9900
PCB-1248 Peak 7	0.0448					Ave		0.0448						20.0			0.9900
PCB-1248 Peak 8	0.0207					Ave		0.0207						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.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 18:23 Calibration End Date: 09/19/2016 18:23 Calibration ID: 57985

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/11	9F243882.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1248 Peak 1	BNB	Ave	1238409					1000				
PCB-1248 Peak 2	BNB	Ave	2653638					1000				
PCB-1248 Peak 3	BNB	Ave	1606224					1000				
PCB-1248 Peak 4	BNB	Ave	1563680					1000				
PCB-1248 Peak 5	BNB	Ave	2225333					1000				
PCB-1248 Peak 6	BNB	Ave	1980396					1000				
PCB-1248 Peak 7	BNB	Ave	2497431					1000				
PCB-1248 Peak 8	BNB	Ave	1150564					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243882.D
Lims ID: IC 1248
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 19-Sep-2016 18:23:38 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0045767-011
Operator ID: Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Sep-2016 10:19:42 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 20-Sep-2016 10:04:53

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	1.963	1.963	0.000	1114240	20.0	20.0	M
2	1.643	1.643	0.000	2651251	20.0	20.0	
						RPD = 0.00	
6 PCB-1248							M
1	4.235	4.235	0.000	1238409	1000.0	1000.0	a
1	4.824	4.824	0.000	2653638	1000.0	1000.0	M
1	5.266	5.266	0.000	1606224	1000.0	1000.0	M
1	5.318	5.318	0.000	1563680	1000.0	1000.0	M
1	5.780	5.780	0.000	2225333	1000.0	1000.0	M
1	6.151	6.151	0.000	1980396	1000.0	1000.0	M
1	6.215	6.215	0.000	2497431	1000.0	1000.0	M
1	7.271	7.271	0.000	1150564	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	3.210	3.210	0.000	2923340	1000.0	1000.0	a
2	3.753	3.753	0.000	6143875	1000.0	1000.0	M
2	4.163	4.163	0.000	5784884	1000.0	1000.0	M
2	4.504	4.504	0.000	3184171	1000.0	1000.0	M
2	4.939	4.939	0.000	10091189	1000.0	1000.0	M
2	5.178	5.178	0.000	4471459	1000.0	1000.0	M
2	5.662	5.662	0.000	2851799	1000.0	1000.0	M
2	6.418	6.418	0.000	1640085	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

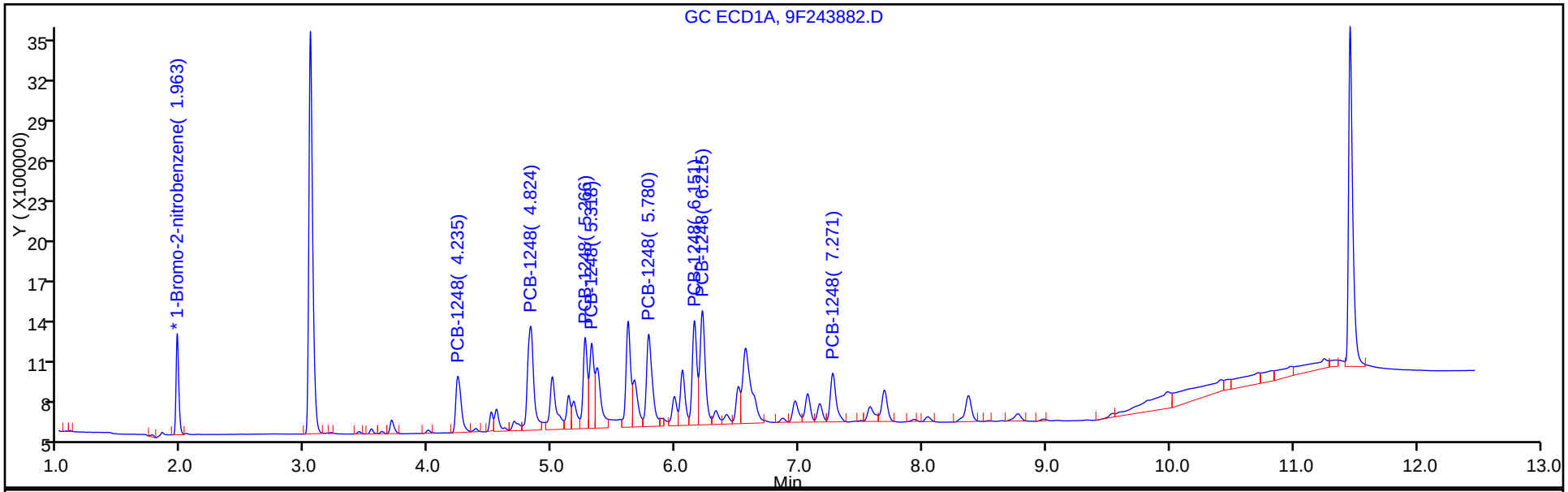
SG1248L3_00026	Amount Added:	1.00	Units: mL	
SGPCBISTD_00007	Amount Added:	20.00	Units: uL	Run Reagent

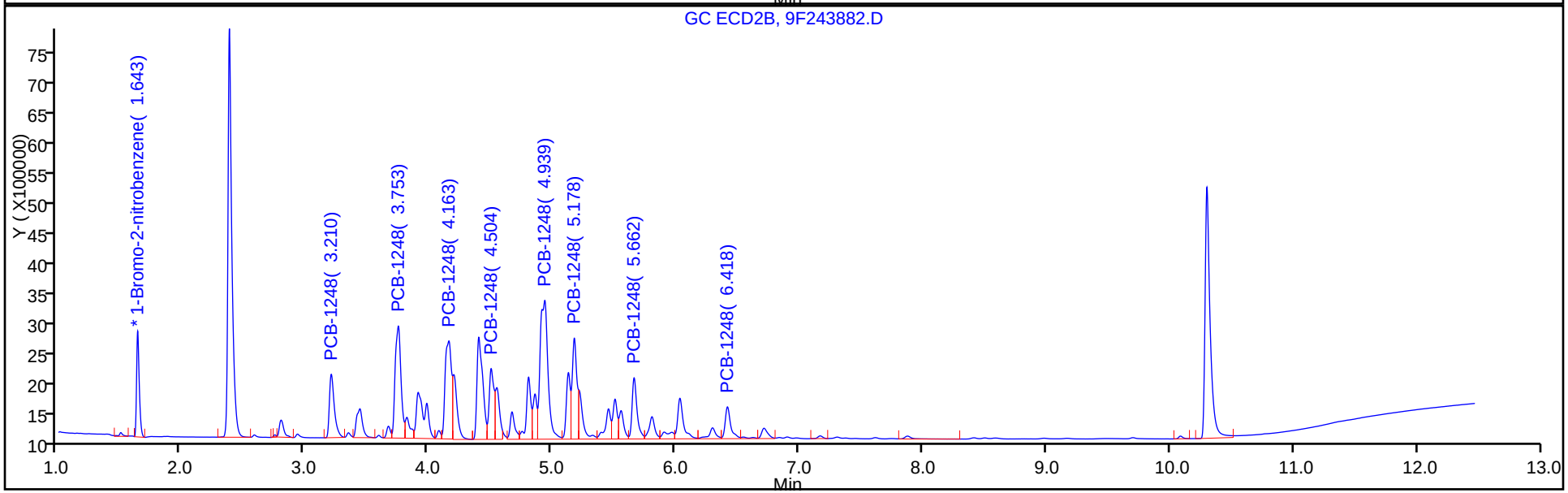
Report Date: 20-Sep-2016 10:19:45 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243882.D

Injection Date:	19-Sep-2016 18:23:38	Instrument ID:	CPESTGC9	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.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 18:23 Calibration End Date: 09/19/2016 18:23 Calibration ID: 57986

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/11	9F243882.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	0.0221					Ave		0.0221						20.0			0.9900
PCB-1248 Peak 2	0.0463					Ave		0.0463						20.0			0.9900
PCB-1248 Peak 3	0.0436					Ave		0.0436						20.0			0.9900
PCB-1248 Peak 4	0.0240					Ave		0.0240						20.0			0.9900
PCB-1248 Peak 5	0.0761					Ave		0.0761						20.0			0.9900
PCB-1248 Peak 6	0.0337					Ave		0.0337						20.0			0.9900
PCB-1248 Peak 7	0.0215					Ave		0.0215						20.0			0.9900
PCB-1248 Peak 8	0.0124					Ave		0.0124						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.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 18:23 Calibration End Date: 09/19/2016 18:23 Calibration ID: 57986

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/11	9F243882.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1248 Peak 1	BNB	Ave	2923340					1000				
PCB-1248 Peak 2	BNB	Ave	6143875					1000				
PCB-1248 Peak 3	BNB	Ave	5784884					1000				
PCB-1248 Peak 4	BNB	Ave	3184171					1000				
PCB-1248 Peak 5	BNB	Ave	10091189					1000				
PCB-1248 Peak 6	BNB	Ave	4471459					1000				
PCB-1248 Peak 7	BNB	Ave	2851799					1000				
PCB-1248 Peak 8	BNB	Ave	1640085					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243882.D
Lims ID: IC 1248
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 19-Sep-2016 18:23:38 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0045767-011
Operator ID: Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Sep-2016 10:19:42 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 20-Sep-2016 10:04:53

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	1.963	1.963	0.000	1114240	20.0	20.0	M
2	1.643	1.643	0.000	2651251	20.0	20.0	
						RPD = 0.00	
6 PCB-1248							M
1	4.235	4.235	0.000	1238409	1000.0	1000.0	a
1	4.824	4.824	0.000	2653638	1000.0	1000.0	M
1	5.266	5.266	0.000	1606224	1000.0	1000.0	M
1	5.318	5.318	0.000	1563680	1000.0	1000.0	M
1	5.780	5.780	0.000	2225333	1000.0	1000.0	M
1	6.151	6.151	0.000	1980396	1000.0	1000.0	M
1	6.215	6.215	0.000	2497431	1000.0	1000.0	M
1	7.271	7.271	0.000	1150564	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	3.210	3.210	0.000	2923340	1000.0	1000.0	a
2	3.753	3.753	0.000	6143875	1000.0	1000.0	M
2	4.163	4.163	0.000	5784884	1000.0	1000.0	M
2	4.504	4.504	0.000	3184171	1000.0	1000.0	M
2	4.939	4.939	0.000	10091189	1000.0	1000.0	M
2	5.178	5.178	0.000	4471459	1000.0	1000.0	M
2	5.662	5.662	0.000	2851799	1000.0	1000.0	M
2	6.418	6.418	0.000	1640085	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

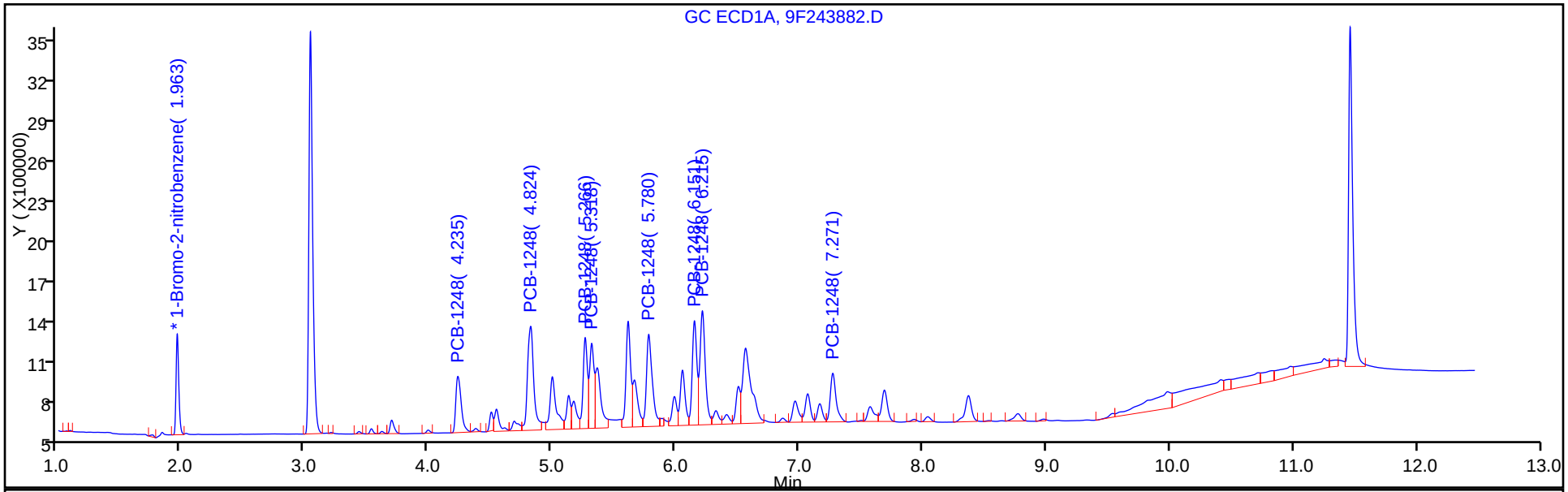
SG1248L3_00026	Amount Added:	1.00	Units: mL	
SGPCBISTD_00007	Amount Added:	20.00	Units: uL	Run Reagent

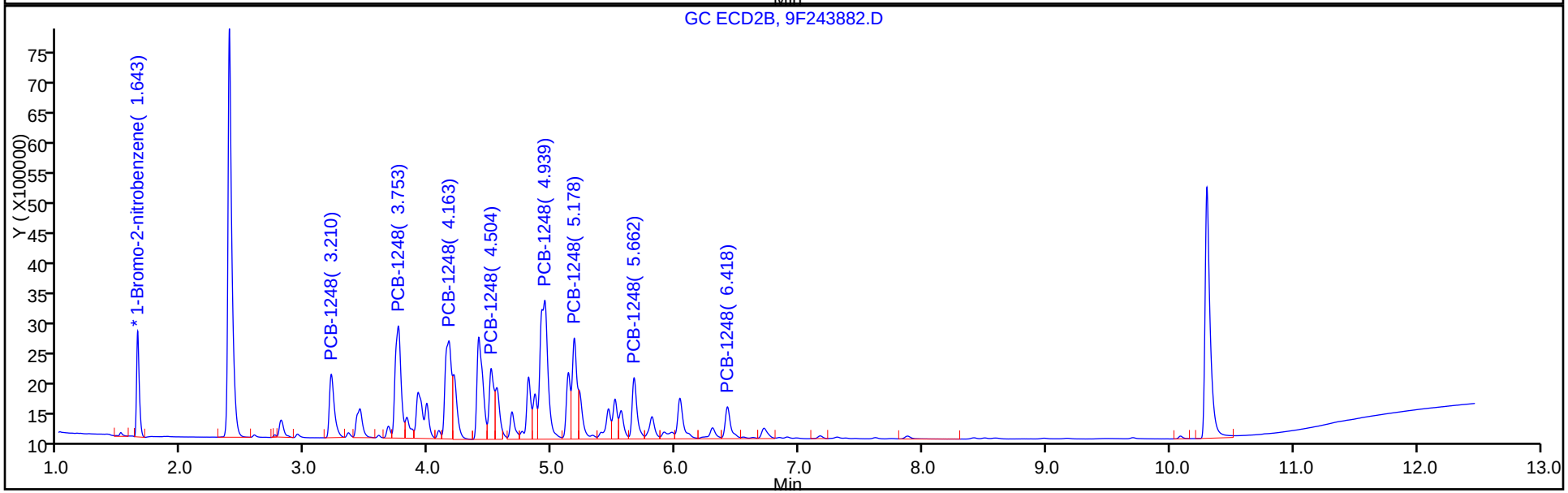
Report Date: 20-Sep-2016 10:19:45 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243882.D

Injection Date:	19-Sep-2016 18:23:38	Instrument ID:	CPESTGC9	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.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 18:40 Calibration End Date: 09/19/2016 18:40 Calibration ID: 57991

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/12	9F243883.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	0.0138					Ave		0.0138						20.0			0.9900
PCB-1254 Peak 2	0.0425					Ave		0.0425						20.0			0.9900
PCB-1254 Peak 3	0.0479					Ave		0.0479						20.0			0.9900
PCB-1254 Peak 4	0.0325					Ave		0.0325						20.0			0.9900
PCB-1254 Peak 5	0.0706					Ave		0.0706						20.0			0.9900
PCB-1254 Peak 6	0.0508					Ave		0.0508						20.0			0.9900
PCB-1254 Peak 7	0.0375					Ave		0.0375						20.0			0.9900
PCB-1254 Peak 8	0.0649					Ave		0.0649						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.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 18:40 Calibration End Date: 09/19/2016 18:40 Calibration ID: 57991

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/12	9F243883.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1254 Peak 1	BNB	Ave	767672					1000				
PCB-1254 Peak 2	BNB	Ave	2359415					1000				
PCB-1254 Peak 3	BNB	Ave	2657942					1000				
PCB-1254 Peak 4	BNB	Ave	1802185					1000				
PCB-1254 Peak 5	BNB	Ave	3917304					1000				
PCB-1254 Peak 6	BNB	Ave	2819605					1000				
PCB-1254 Peak 7	BNB	Ave	2079109					1000				
PCB-1254 Peak 8	BNB	Ave	3602336					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243883.D
Lims ID: IC 1254
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 19-Sep-2016 18:40:29 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0045767-012
Operator ID: Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Sep-2016 10:19:47 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 20-Sep-2016 10:06:42

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.963	1.963	0.000	1109381	20.0	20.0	M
2	1.642	1.642	0.000	2711245	20.0	20.0	M
						RPD = 0.00	
7 PCB-1254							M
1	5.614	5.614	0.000	767672	1000.0	1000.0	M
1	6.210	6.210	0.000	2359415	1000.0	1000.0	M
1	6.506	6.506	0.000	2657942	1000.0	1000.0	M
1	7.069	7.069	0.000	1802185	1000.0	1000.0	M
1	7.271	7.271	0.000	3917304	1000.0	1000.0	M
1	7.689	7.689	0.000	2819605	1000.0	1000.0	M
1	8.367	8.367	0.000	2079109	1000.0	1000.0	a
1	8.771	8.771	0.000	3602336	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	4.402	4.402	0.000	1781608	1000.0	1000.0	a
2	4.861	4.861	0.000	4379721	1000.0	1000.0	a
2	5.179	5.179	0.000	6518303	1000.0	1000.0	M
2	5.507	5.507	0.000	5077530	1000.0	1000.0	M
2	5.662	5.662	0.000	9281400	1000.0	1000.0	a
2	6.033	6.033	0.000	7235218	1000.0	1000.0	a
2	6.297	6.297	0.000	6424391	1000.0	1000.0	a
2	6.715	6.715	0.000	8698047	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

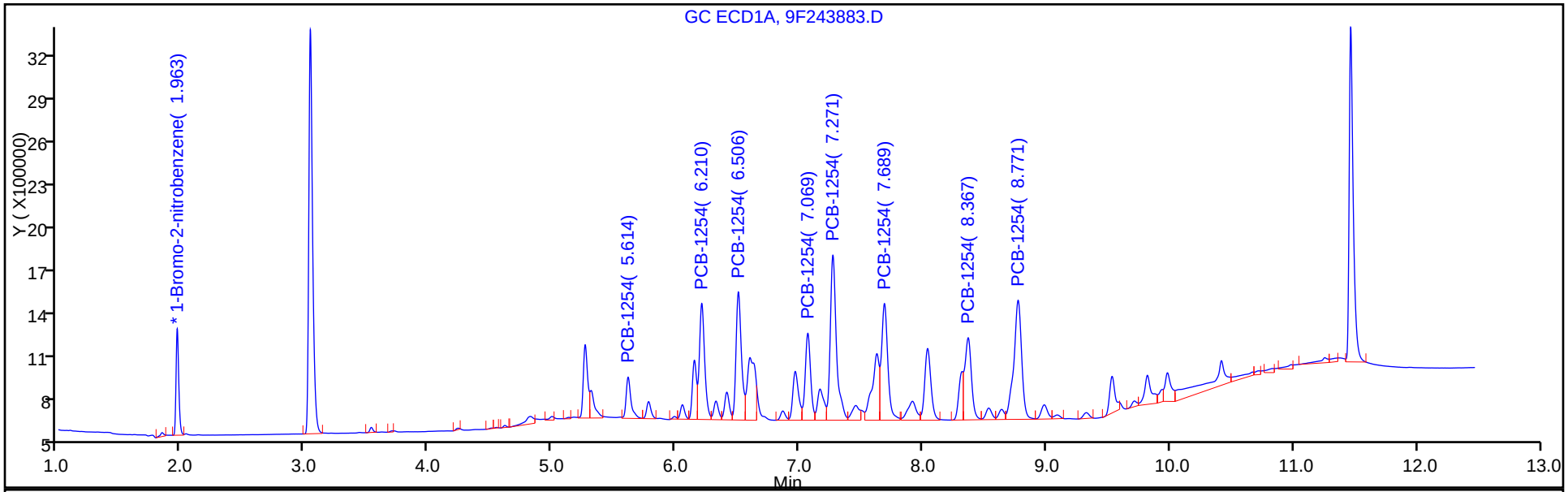
SG1254L3_00028	Amount Added:	1.00	Units: mL	
SGPCBISTD_00007	Amount Added:	20.00	Units: uL	Run Reagent

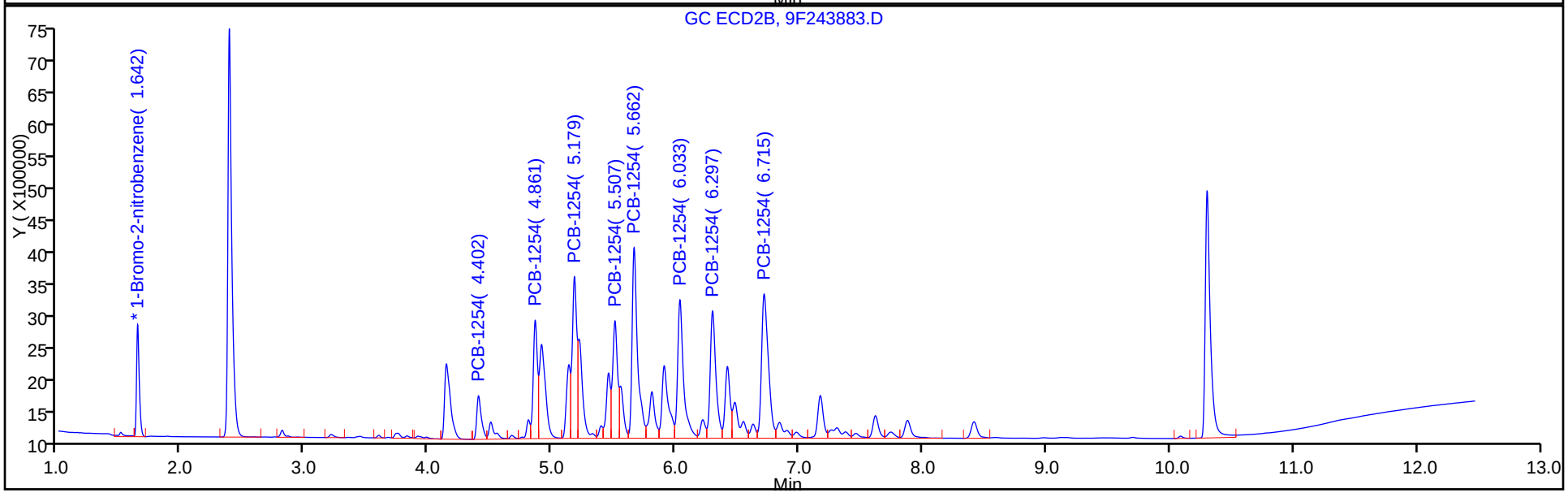
Report Date: 20-Sep-2016 10:19:50 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243883.D

Injection Date:	19-Sep-2016 18:40:29	Instrument ID:	CPESTGC9	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.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 18:40 Calibration End Date: 09/19/2016 18:40 Calibration ID: 57992

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/12	9F243883.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	0.0131					Ave		0.0131						20.0			0.9900
PCB-1254 Peak 2	0.0323					Ave		0.0323						20.0			0.9900
PCB-1254 Peak 3	0.0481					Ave		0.0481						20.0			0.9900
PCB-1254 Peak 4	0.0375					Ave		0.0375						20.0			0.9900
PCB-1254 Peak 5	0.0685					Ave		0.0685						20.0			0.9900
PCB-1254 Peak 6	0.0534					Ave		0.0534						20.0			0.9900
PCB-1254 Peak 7	0.0474					Ave		0.0474						20.0			0.9900
PCB-1254 Peak 8	0.0642					Ave		0.0642						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.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 18:40 Calibration End Date: 09/19/2016 18:40 Calibration ID: 57992

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/12	9F243883.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1254 Peak 1	BNB	Ave	1781608					1000				
PCB-1254 Peak 2	BNB	Ave	4379721					1000				
PCB-1254 Peak 3	BNB	Ave	6518303					1000				
PCB-1254 Peak 4	BNB	Ave	5077530					1000				
PCB-1254 Peak 5	BNB	Ave	9281400					1000				
PCB-1254 Peak 6	BNB	Ave	7235218					1000				
PCB-1254 Peak 7	BNB	Ave	6424391					1000				
PCB-1254 Peak 8	BNB	Ave	8698047					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243883.D
Lims ID: IC 1254
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 19-Sep-2016 18:40:29 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0045767-012
Operator ID: Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Sep-2016 10:19:47 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 20-Sep-2016 10:06:42

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.963	1.963	0.000	1109381	20.0	20.0	M
2	1.642	1.642	0.000	2711245	20.0	20.0	M
						RPD = 0.00	
7 PCB-1254							M
1	5.614	5.614	0.000	767672	1000.0	1000.0	M
1	6.210	6.210	0.000	2359415	1000.0	1000.0	M
1	6.506	6.506	0.000	2657942	1000.0	1000.0	M
1	7.069	7.069	0.000	1802185	1000.0	1000.0	M
1	7.271	7.271	0.000	3917304	1000.0	1000.0	M
1	7.689	7.689	0.000	2819605	1000.0	1000.0	M
1	8.367	8.367	0.000	2079109	1000.0	1000.0	a
1	8.771	8.771	0.000	3602336	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	4.402	4.402	0.000	1781608	1000.0	1000.0	a
2	4.861	4.861	0.000	4379721	1000.0	1000.0	a
2	5.179	5.179	0.000	6518303	1000.0	1000.0	M
2	5.507	5.507	0.000	5077530	1000.0	1000.0	M
2	5.662	5.662	0.000	9281400	1000.0	1000.0	a
2	6.033	6.033	0.000	7235218	1000.0	1000.0	a
2	6.297	6.297	0.000	6424391	1000.0	1000.0	a
2	6.715	6.715	0.000	8698047	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

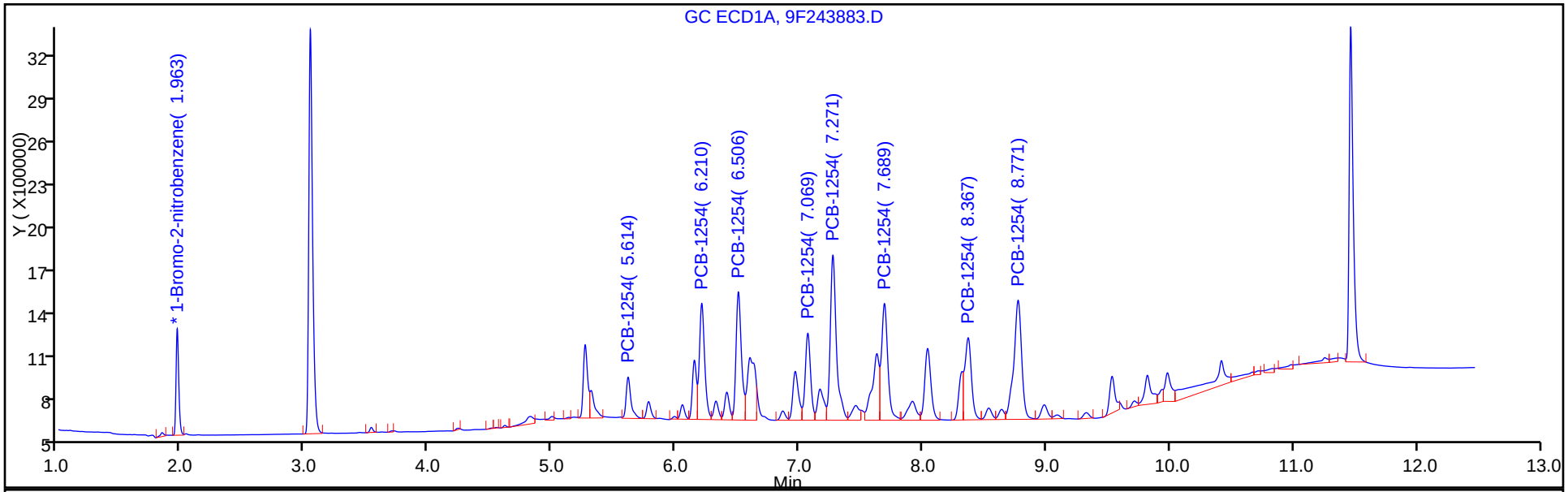
SG1254L3_00028	Amount Added:	1.00	Units: mL	
SGPCBISTD_00007	Amount Added:	20.00	Units: uL	Run Reagent

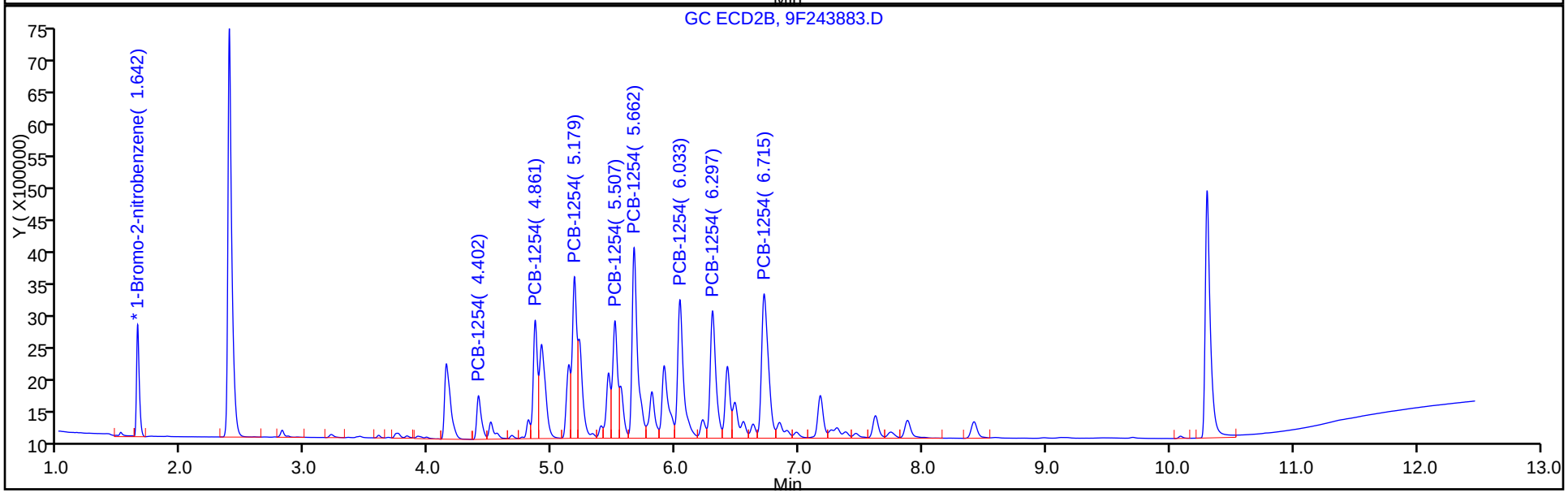
Report Date: 20-Sep-2016 10:19:50 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243883.D

Injection Date:	19-Sep-2016 18:40:29	Instrument ID:	CPESTGC9	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.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 18:57 Calibration End Date: 09/19/2016 18:57 Calibration ID: 57997

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/13	9F243884.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	0.0415					Ave		0.0415						20.0			0.9900
PCB-1262 Peak 2	0.0479					Ave		0.0479						20.0			0.9900
PCB-1262 Peak 3	0.0666					Ave		0.0666						20.0			0.9900
PCB-1262 Peak 4	0.0587					Ave		0.0587						20.0			0.9900
PCB-1262 Peak 5	0.1148					Ave		0.1148						20.0			0.9900
PCB-1262 Peak 6	0.0169					Ave		0.0169						20.0			0.9900
PCB-1262 Peak 7	0.0422					Ave		0.0422						20.0			0.9900
PCB-1262 Peak 8	0.0165					Ave		0.0165						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.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 18:57 Calibration End Date: 09/19/2016 18:57 Calibration ID: 57997

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/13	9F243884.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1262 Peak 1	BNB	Ave	2367508					1000				
PCB-1262 Peak 2	BNB	Ave	2736997					1000				
PCB-1262 Peak 3	BNB	Ave	3805028					1000				
PCB-1262 Peak 4	BNB	Ave	3350936					1000				
PCB-1262 Peak 5	BNB	Ave	6553506					1000				
PCB-1262 Peak 6	BNB	Ave	963201					1000				
PCB-1262 Peak 7	BNB	Ave	2409810					1000				
PCB-1262 Peak 8	BNB	Ave	945005					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243884.D
Lims ID: IC 1262
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 19-Sep-2016 18:57:20 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0045767-013
Operator ID: Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub7

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Sep-2016 10:19:52 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 20-Sep-2016 10:12:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.963	1.963	0.000	1142209	20.0	20.0	M
2	1.643	1.643	0.000	2764990	20.0	20.0	
						RPD = 0.00	
9 PCB-1262							M
1	7.630	7.630	0.000	2367508	1000.0	1000.0	a
1	8.039	8.039	0.000	2736997	1000.0	1000.0	a
1	8.974	8.974	0.000	3805028	1000.0	1000.0	a
1	9.594	9.594	0.000	3350936	1000.0	1000.0	M
1	9.980	9.980	0.000	6553506	1000.0	1000.0	M
1	10.818	10.818	0.000	963201	1000.0	1000.0	M
1	10.967	10.967	0.000	2409810	1000.0	1000.0	M
1	11.239	11.239	0.000	945005	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	5.906	5.906	0.000	5567085	1000.0	1000.0	M
2	7.309	7.309	0.000	7808398	1000.0	1000.0	M
2	7.878	7.878	0.000	16649491	1000.0	1000.0	a
2	8.415	8.415	0.000	5269164	1000.0	1000.0	a
2	8.590	8.590	0.000	7815130	1000.0	1000.0	a
2	9.177	9.177	0.000	2684177	1000.0	1000.0	a
2	9.703	9.703	0.000	5950301	1000.0	1000.0	a
2	10.084	10.084	0.000	2030906	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

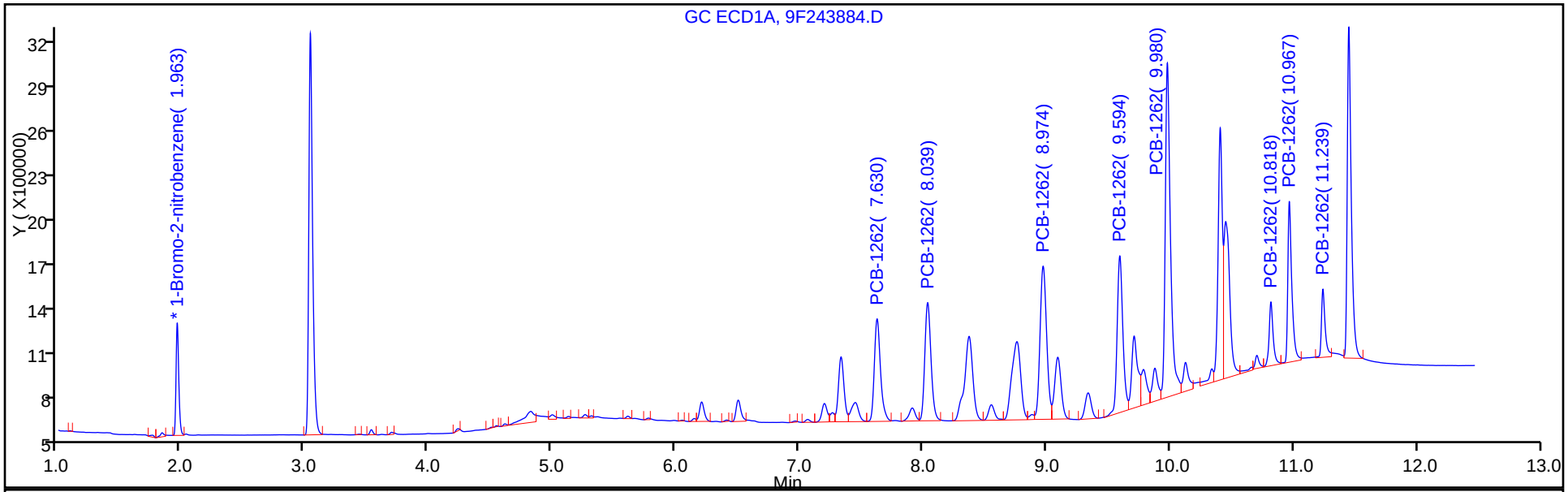
SG1262L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00007	Amount Added:	20.00	Units: uL	Run Reagent

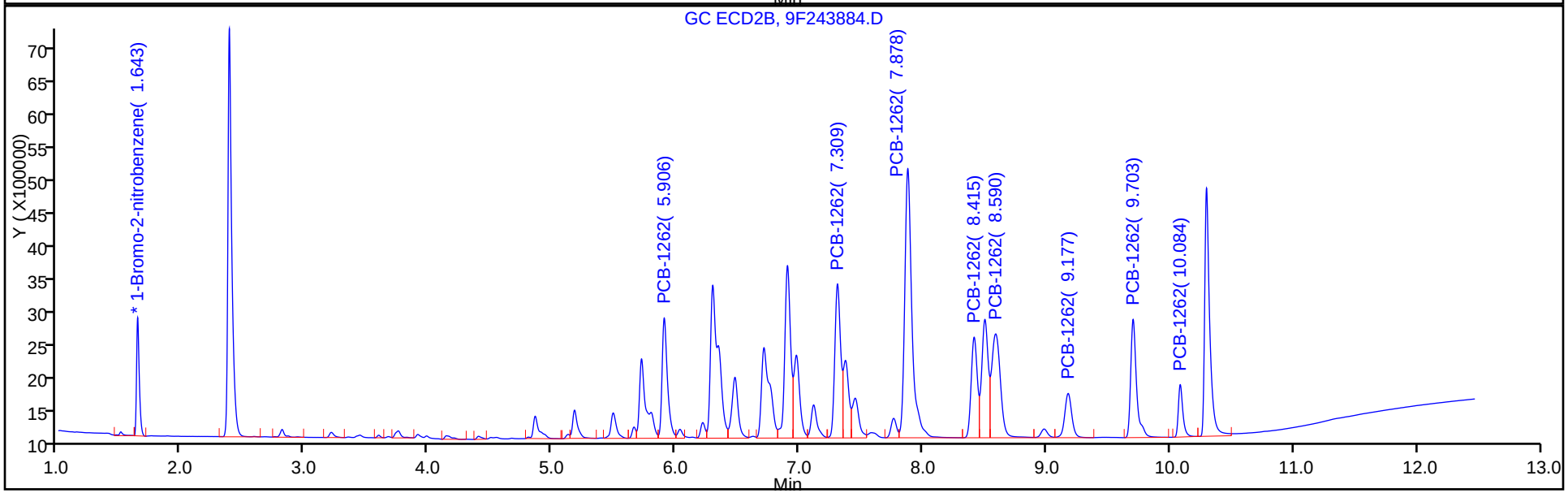
Report Date: 20-Sep-2016 10:19:55 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243884.D

Injection Date:	19-Sep-2016 18:57:20	Instrument ID:	CPESTGC9	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.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 18:57 Calibration End Date: 09/19/2016 18:57 Calibration ID: 57998

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/13	9F243884.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	0.0403					Ave		0.0403						20.0			0.9900
PCB-1262 Peak 2	0.0565					Ave		0.0565						20.0			0.9900
PCB-1262 Peak 3	0.1204					Ave		0.1204						20.0			0.9900
PCB-1262 Peak 4	0.0381					Ave		0.0381						20.0			0.9900
PCB-1262 Peak 5	0.0565					Ave		0.0565						20.0			0.9900
PCB-1262 Peak 6	0.0194					Ave		0.0194						20.0			0.9900
PCB-1262 Peak 7	0.0430					Ave		0.0430						20.0			0.9900
PCB-1262 Peak 8	0.0147					Ave		0.0147						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.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 18:57 Calibration End Date: 09/19/2016 18:57 Calibration ID: 57998

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/13	9F243884.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1262 Peak 1	BNB	Ave	5567085					1000				
PCB-1262 Peak 2	BNB	Ave	7808398					1000				
PCB-1262 Peak 3	BNB	Ave	16649491					1000				
PCB-1262 Peak 4	BNB	Ave	5269164					1000				
PCB-1262 Peak 5	BNB	Ave	7815130					1000				
PCB-1262 Peak 6	BNB	Ave	2684177					1000				
PCB-1262 Peak 7	BNB	Ave	5950301					1000				
PCB-1262 Peak 8	BNB	Ave	2030906					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243884.D
Lims ID: IC 1262
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 19-Sep-2016 18:57:20 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0045767-013
Operator ID: Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub7

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Sep-2016 10:19:52 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 20-Sep-2016 10:12:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.963	1.963	0.000	1142209	20.0	20.0	M
2	1.643	1.643	0.000	2764990	20.0	20.0	
						RPD = 0.00	
9 PCB-1262							M
1	7.630	7.630	0.000	2367508	1000.0	1000.0	a
1	8.039	8.039	0.000	2736997	1000.0	1000.0	a
1	8.974	8.974	0.000	3805028	1000.0	1000.0	a
1	9.594	9.594	0.000	3350936	1000.0	1000.0	M
1	9.980	9.980	0.000	6553506	1000.0	1000.0	M
1	10.818	10.818	0.000	963201	1000.0	1000.0	M
1	10.967	10.967	0.000	2409810	1000.0	1000.0	M
1	11.239	11.239	0.000	945005	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	5.906	5.906	0.000	5567085	1000.0	1000.0	M
2	7.309	7.309	0.000	7808398	1000.0	1000.0	M
2	7.878	7.878	0.000	16649491	1000.0	1000.0	a
2	8.415	8.415	0.000	5269164	1000.0	1000.0	a
2	8.590	8.590	0.000	7815130	1000.0	1000.0	a
2	9.177	9.177	0.000	2684177	1000.0	1000.0	a
2	9.703	9.703	0.000	5950301	1000.0	1000.0	a
2	10.084	10.084	0.000	2030906	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

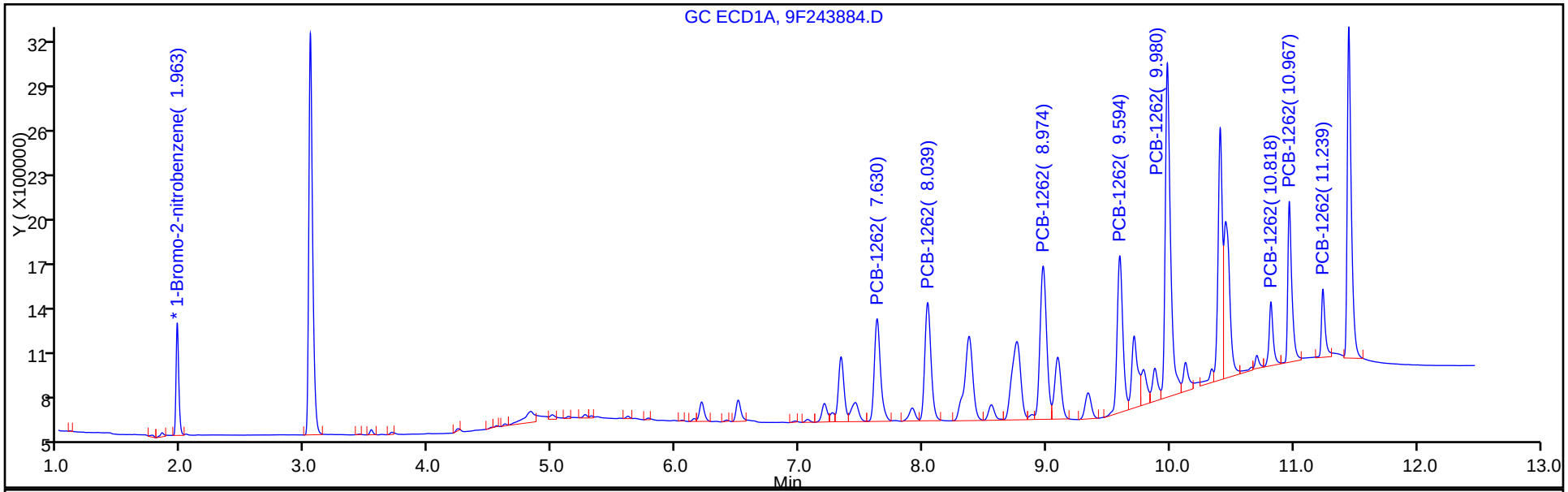
SG1262L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00007	Amount Added:	20.00	Units: uL	Run Reagent

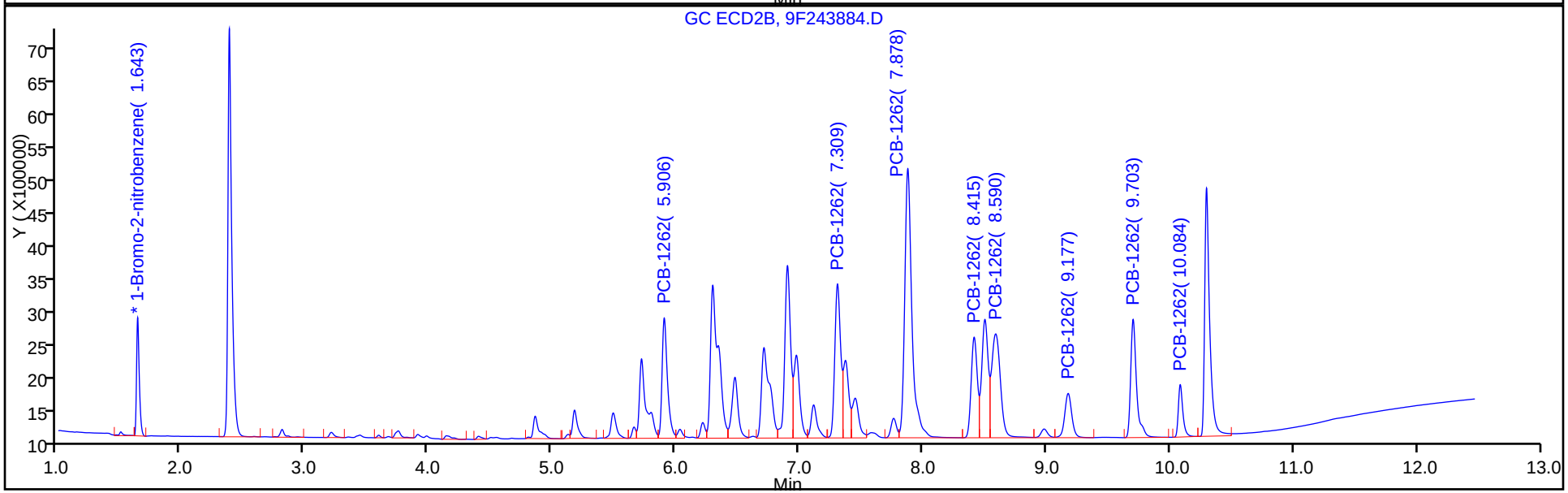
Report Date: 20-Sep-2016 10:19:56 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243884.D

Injection Date:	19-Sep-2016 18:57:20	Instrument ID:	CPESTGC9	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.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 19:14 Calibration End Date: 09/19/2016 19:14 Calibration ID: 58003

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/14	9F243885.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	0.0252					Ave		0.0252						20.0			0.9900
PCB-1268 Peak 2	0.0360					Ave		0.0360						20.0			0.9900
PCB-1268 Peak 3	0.1058					Ave		0.1058						20.0			0.9900
PCB-1268 Peak 4	0.1418					Ave		0.1418						20.0			0.9900
PCB-1268 Peak 5	0.1025					Ave		0.1025						20.0			0.9900
PCB-1268 Peak 6	0.0312					Ave		0.0312						20.0			0.9900
PCB-1268 Peak 7	0.0444					Ave		0.0444						20.0			0.9900
PCB-1268 Peak 8	0.3274					Ave		0.3274						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.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 19:14 Calibration End Date: 09/19/2016 19:14 Calibration ID: 58003

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/14	9F243885.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1268 Peak 1	BNB	Ave	1453376					1000				
PCB-1268 Peak 2	BNB	Ave	2073062					1000				
PCB-1268 Peak 3	BNB	Ave	6095855					1000				
PCB-1268 Peak 4	BNB	Ave	8165996					1000				
PCB-1268 Peak 5	BNB	Ave	5903149					1000				
PCB-1268 Peak 6	BNB	Ave	1794688					1000				
PCB-1268 Peak 7	BNB	Ave	2555130					1000				
PCB-1268 Peak 8	BNB	Ave	18854746					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D
Lims ID: IC 1268
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 19-Sep-2016 19:14:11 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0045767-014
Operator ID: Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub8

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Sep-2016 10:19:59 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 20-Sep-2016 10:13:38

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	1.963	1.963	0.000	1151848	20.0	20.0	M
2	1.643	1.643	0.000	2792352	20.0	20.0	
						RPD = 0.00	
10 PCB-1268							M
1	8.974	8.974	0.000	1453376	1000.0	1000.0	a
1	9.600	9.600	0.000	2073062	1000.0	1000.0	M
1	10.410	10.410	0.000	6095855	1000.0	1000.0	M
1	10.457	10.457	0.000	8165996	1000.0	1000.0	M
1	10.713	10.713	0.000	5903149	1000.0	1000.0	M
1	10.806	10.806	0.000	1794688	1000.0	1000.0	M
1	10.977	10.977	0.000	2555130	1000.0	1000.0	M
1	11.253	11.253	0.000	18854746	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	7.302	7.302	0.000	4839072	1000.0	1000.0	a
2	7.870	7.870	0.000	2788144	1000.0	1000.0	a
2	8.503	8.503	0.000	16476862	1000.0	1000.0	a
2	8.578	8.578	0.000	18665582	1000.0	1000.0	a
2	8.983	8.983	0.000	14771668	1000.0	1000.0	a
2	9.165	9.165	0.000	4473555	1000.0	1000.0	a
2	9.702	9.702	0.000	6281347	1000.0	1000.0	a
2	10.087	10.087	0.000	38100076	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

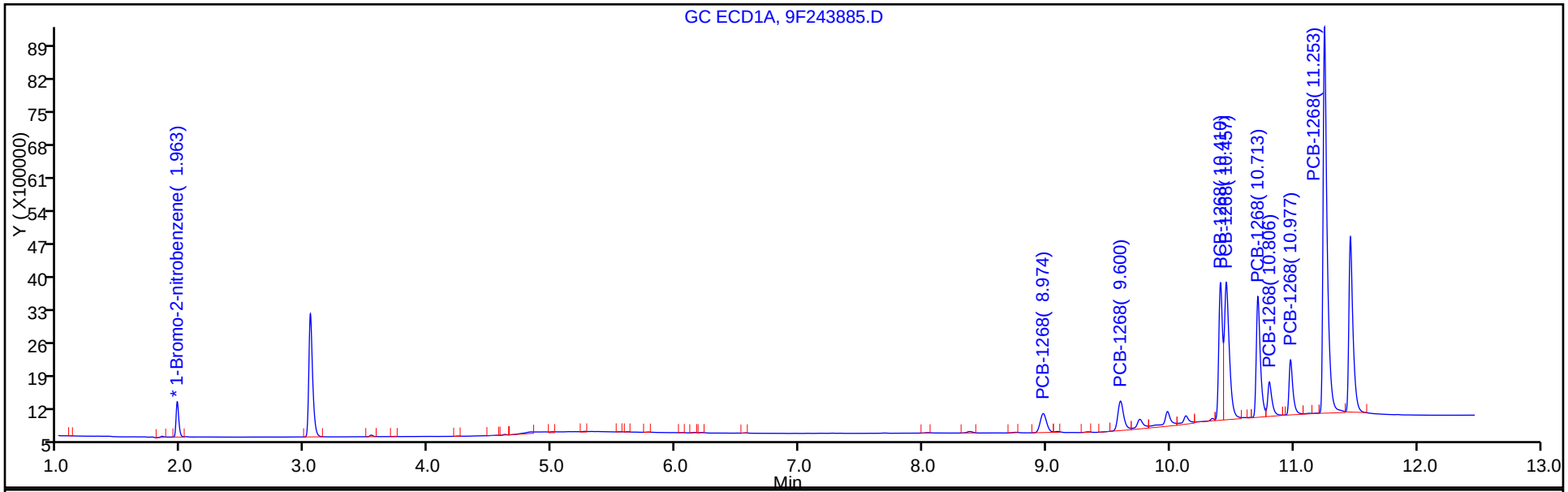
SG1268L3_00025	Amount Added:	1.00	Units: mL	
SGPCBISTD_00007	Amount Added:	20.00	Units: uL	Run Reagent

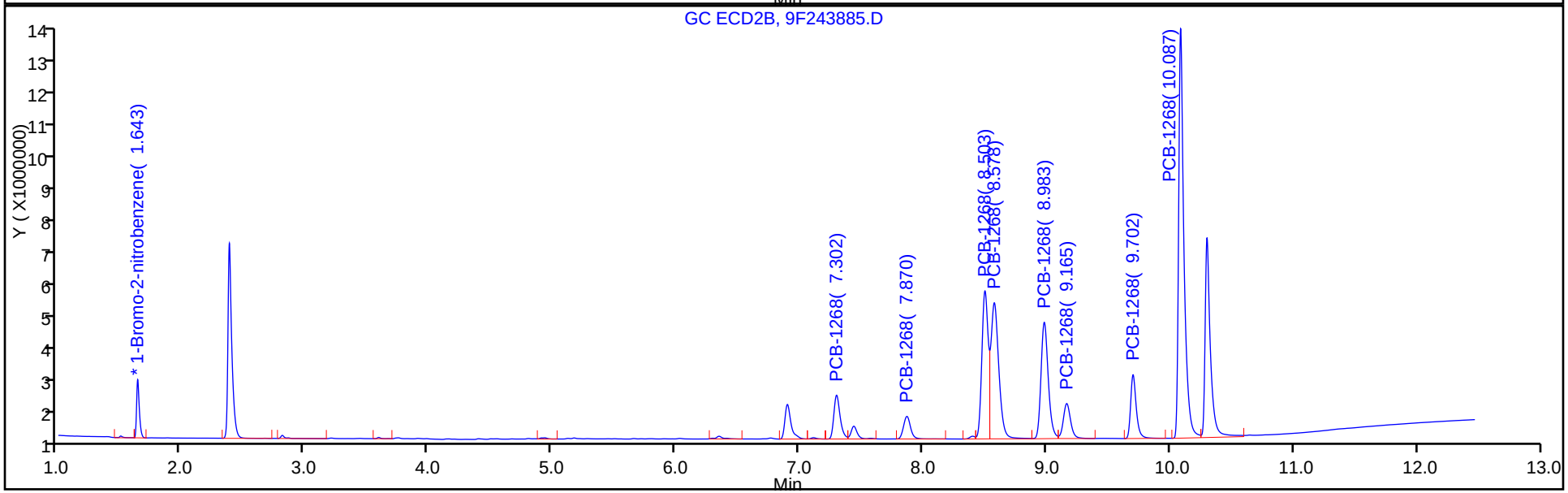
Report Date: 20-Sep-2016 10:20:01 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Injection Date:	19-Sep-2016 19:14:11	Instrument ID:	CPESTGC9	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.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 19:14 Calibration End Date: 09/19/2016 19:14 Calibration ID: 58004

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/14	9F243885.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	0.0347					Ave		0.0347						20.0			0.9900
PCB-1268 Peak 2	0.0200					Ave		0.0200						20.0			0.9900
PCB-1268 Peak 3	0.1180					Ave		0.1180						20.0			0.9900
PCB-1268 Peak 4	0.1337					Ave		0.1337						20.0			0.9900
PCB-1268 Peak 5	0.1058					Ave		0.1058						20.0			0.9900
PCB-1268 Peak 6	0.0320					Ave		0.0320						20.0			0.9900
PCB-1268 Peak 7	0.0450					Ave		0.0450						20.0			0.9900
PCB-1268 Peak 8	0.2729					Ave		0.2729						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.: 460-121138-1 Analy Batch No.: 391485

SDG No.:

Instrument ID: CPESTGC9 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2016 19:14 Calibration End Date: 09/19/2016 19:14 Calibration ID: 58004

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-391485/14	9F243885.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1268 Peak 1	BNB	Ave	4839072					1000				
PCB-1268 Peak 2	BNB	Ave	2788144					1000				
PCB-1268 Peak 3	BNB	Ave	16476862					1000				
PCB-1268 Peak 4	BNB	Ave	18665582					1000				
PCB-1268 Peak 5	BNB	Ave	14771668					1000				
PCB-1268 Peak 6	BNB	Ave	4473555					1000				
PCB-1268 Peak 7	BNB	Ave	6281347					1000				
PCB-1268 Peak 8	BNB	Ave	38100076					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D
Lims ID: IC 1268
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 19-Sep-2016 19:14:11 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0045767-014
Operator ID: Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub8

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Sep-2016 10:19:59 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 20-Sep-2016 10:13:38

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	1.963	1.963	0.000	1151848	20.0	20.0	M
2	1.643	1.643	0.000	2792352	20.0	20.0	
						RPD = 0.00	
10 PCB-1268							M
1	8.974	8.974	0.000	1453376	1000.0	1000.0	a
1	9.600	9.600	0.000	2073062	1000.0	1000.0	M
1	10.410	10.410	0.000	6095855	1000.0	1000.0	M
1	10.457	10.457	0.000	8165996	1000.0	1000.0	M
1	10.713	10.713	0.000	5903149	1000.0	1000.0	M
1	10.806	10.806	0.000	1794688	1000.0	1000.0	M
1	10.977	10.977	0.000	2555130	1000.0	1000.0	M
1	11.253	11.253	0.000	18854746	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	7.302	7.302	0.000	4839072	1000.0	1000.0	a
2	7.870	7.870	0.000	2788144	1000.0	1000.0	a
2	8.503	8.503	0.000	16476862	1000.0	1000.0	a
2	8.578	8.578	0.000	18665582	1000.0	1000.0	a
2	8.983	8.983	0.000	14771668	1000.0	1000.0	a
2	9.165	9.165	0.000	4473555	1000.0	1000.0	a
2	9.702	9.702	0.000	6281347	1000.0	1000.0	a
2	10.087	10.087	0.000	38100076	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

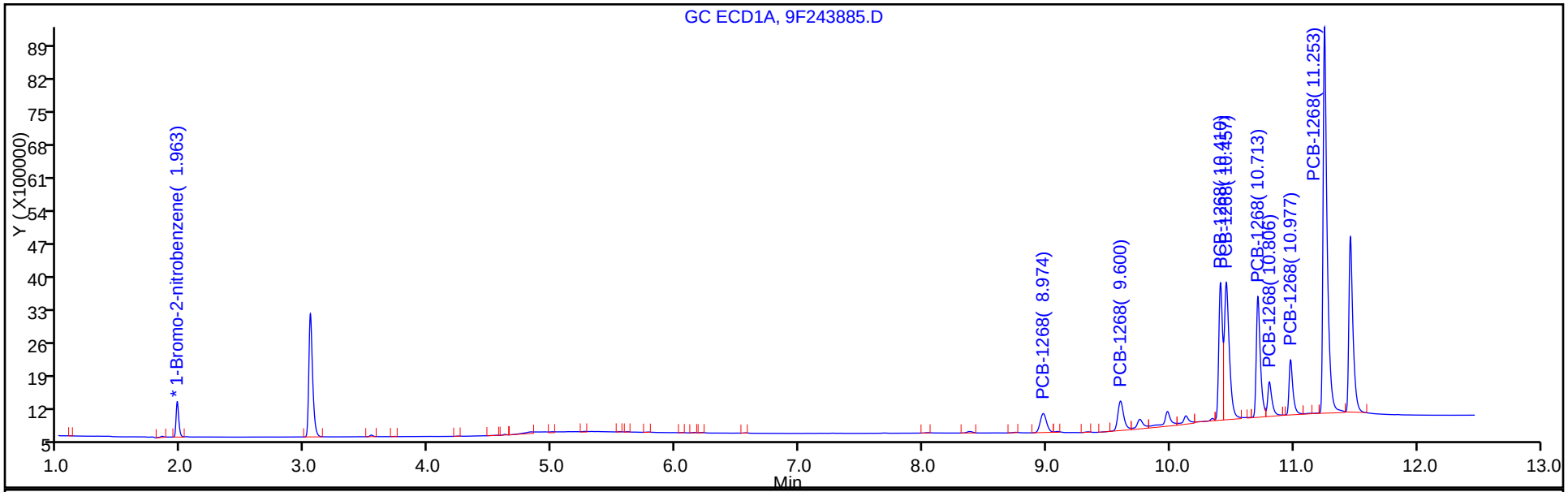
SG1268L3_00025	Amount Added:	1.00	Units: mL	
SGPCBISTD_00007	Amount Added:	20.00	Units: uL	Run Reagent

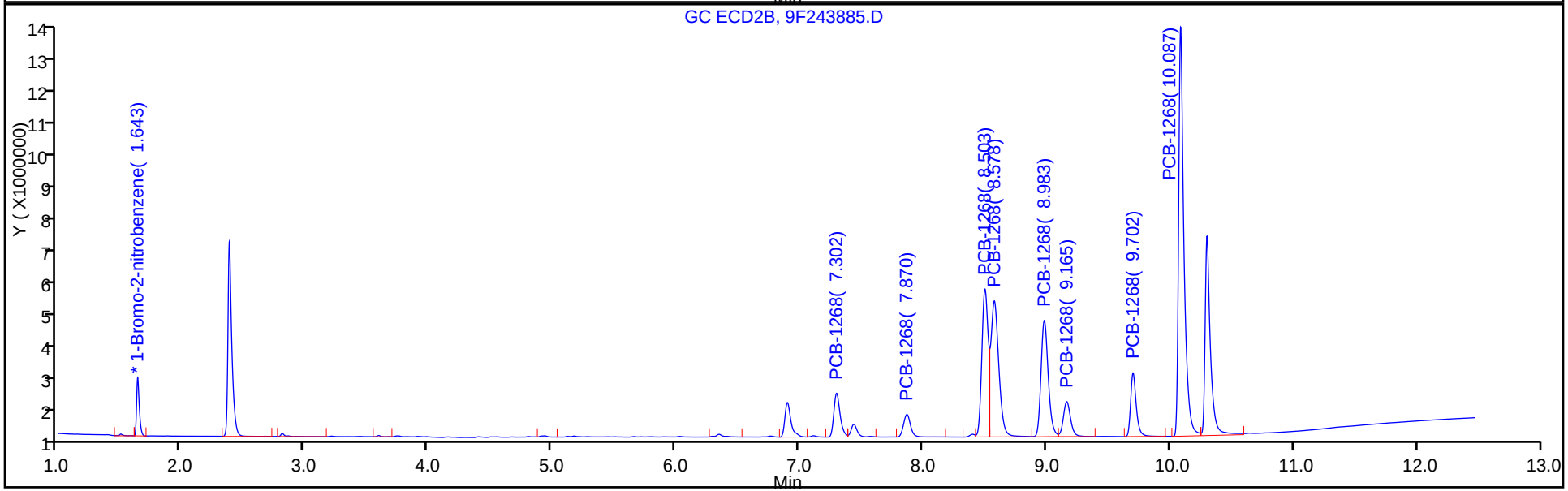
Report Date: 20-Sep-2016 10:20:02 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Injection Date:	19-Sep-2016 19:14:11	Instrument ID:	CPESTGC9	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 VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Lab Sample ID: CCVIS 460-394713/18 Calibration Date: 10/04/2016 13:07

Instrument ID: CPESTGC9 Calib Start Date: 09/19/2016 15:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/19/2016 16:59

Lab File ID: 9F244472.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	0.0231	0.0188		813	1000	-18.7	20.0
PCB-1016 Peak 2	Ave	0.0509	0.0411		808	1000	-19.2	20.0
PCB-1016 Peak 3	Ave	0.0853	0.0701		822	1000	-17.8	20.0
PCB-1016 Peak 4	Ave	0.0359	0.0319		886	1000	-11.4	20.0
PCB-1016 Peak 5	Ave	0.0192	0.0163		852	1000	-14.8	20.0
PCB-1016 Peak 6	Ave	0.0218	0.0189		865	1000	-13.5	20.0
PCB-1016 Peak 7	Ave	0.0273	0.0231		845	1000	-15.5	20.0
PCB-1016 Peak 8	Ave	0.0325	0.0270		830	1000	-17.0	20.0
PCB-1260 Peak 1	Ave	0.0238	0.0236		993	1000	-0.7	20.0
PCB-1260 Peak 2	Ave	0.0568	0.0540		951	1000	-4.9	20.0
PCB-1260 Peak 3	Ave	0.0638	0.0617		966	1000	-3.4	20.0
PCB-1260 Peak 4	Ave	0.0420	0.0404		960	1000	-4.0	20.0
PCB-1260 Peak 5	Ave	0.0416	0.0405		972	1000	-2.8	20.0
PCB-1260 Peak 6	Ave	0.0910	0.0887		974	1000	-2.6	20.0
PCB-1260 Peak 7	Ave	0.0861	0.0814		945	1000	-5.5	20.0
PCB-1260 Peak 8	Ave	0.0239	0.0222		928	1000	-7.2	20.0
Tetrachloro-m-xylene	Ave	1.012	0.8074		79.8	100	-20.2*	20.0
DCB Decachlorobiphenyl	Ave	0.9191	0.8830		96.1	100	-3.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Lab Sample ID: CCVIS 460-394713/18 Calibration Date: 10/04/2016 13:07

Instrument ID: CPESTGC9 Calib Start Date: 09/19/2016 15:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/19/2016 16:59

Lab File ID: 9F244472.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.68	3.64	3.70
PCB-1016 Peak 2	4.22	4.14	4.28
PCB-1016 Peak 3	4.80	4.73	4.87
PCB-1016 Peak 4	4.98	4.90	5.04
PCB-1016 Peak 5	5.24	5.16	5.30
PCB-1016 Peak 6	5.29	5.22	5.36
PCB-1016 Peak 7	5.59	5.51	5.65
PCB-1016 Peak 8	5.75	5.67	5.81
PCB-1260 Peak 1	7.29	7.25	7.31
PCB-1260 Peak 2	7.58	7.50	7.64
PCB-1260 Peak 3	7.99	7.91	8.05
PCB-1260 Peak 4	8.91	8.84	8.98
PCB-1260 Peak 5	9.54	9.47	9.61
PCB-1260 Peak 6	9.94	9.86	10.00
PCB-1260 Peak 7	10.39	10.31	10.45
PCB-1260 Peak 8	10.96	10.87	11.01
Tetrachloro-m-xylene	3.03	2.99	3.05
DCB Decachlorobiphenyl	11.45	11.39	11.45

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244472.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 04-Oct-2016 13:07:18 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046402-018
Operator ID: Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 04-Oct-2016 16:14:11 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK047

First Level Reviewer: patelji Date: 04-Oct-2016 13:34:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.954	1.946	0.008	1745327	20.0	20.0	M
2	1.629	1.629	0.000	3129625	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	3.028	3.019	0.009	7046179	100.0	79.8	M
2	2.367	2.368	-0.001	17931042	100.0	119.7	M
						RPD = 40.01	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.682	3.673	0.009	1639593	1000.0	812.9	M
1	4.219	4.209	0.010	3587515	1000.0	808.2	M
1	4.804	4.795	0.009	6120475	1000.0	822.0	M
1	4.978	4.969	0.009	2781023	1000.0	886.5	M
1	5.241	5.233	0.008	1425471	1000.0	851.7	M
1	5.293	5.285	0.008	1648150	1000.0	865.5	M
1	5.585	5.577	0.008	2015365	1000.0	844.9	M
1	5.750	5.743	0.007	2352012	1000.0	830.4	M
		Average of Peak Amounts =				840.2	
2	2.779	2.780	-0.001	3354637	1000.0	920.7	M
2	3.189	3.189	0.000	5994344	1000.0	837.7	M
2	3.418	3.419	-0.001	3806037	1000.0	848.2	M
2	3.729	3.730	-0.001	11262684	1000.0	860.5	M
2	3.886	3.887	-0.001	4358575	1000.0	850.0	M
2	3.957	3.958	-0.001	2940967	1000.0	885.1	M
2	4.375	4.376	-0.001	4696248	1000.0	991.0	M
2	4.829	4.831	-0.002	2553466	1000.0	916.0	M
		Average of Peak Amounts =				888.7	
						RPD = 5.60	
8 PCB-1260							M
1	7.293	7.284	0.009	2058613	1000.0	992.8	M
1	7.581	7.573	0.008	4710743	1000.0	950.8	M
1	7.988	7.979	0.009	5382873	1000.0	966.2	M
1	8.914	8.905	0.009	3521597	1000.0	960.5	
1	9.541	9.536	0.005	3530885	1000.0	971.9	
1	9.941	9.934	0.007	7739565	1000.0	974.2	
1	10.385	10.375	0.010	7099807	1000.0	944.9	M
1	10.959	10.941	0.018	1937441	1000.0	928.5	M
		Average of Peak Amounts =				961.2	
2	5.869	5.869	0.000	7332023	1000.0	940.2	
2	6.669	6.670	-0.001	12847909	1000.0	1031.8	
2	6.856	6.857	-0.001	6091179	1000.0	1039.8	
2	7.258	7.259	-0.001	6374633	1000.0	1042.7	
2	7.820	7.822	-0.002	15261903	1000.0	1066.3	
2	8.354	8.355	-0.001	7839516	1000.0	1085.2	
2	8.526	8.529	-0.003	4361850	1000.0	1100.7	
2	9.642	9.643	-0.001	3977321	1000.0	1129.1	
		Average of Peak Amounts =				1054.5	
						RPD = 9.25	
$ 11 DCB Decachlorobiphenyl							M
1	11.449	11.424	0.025	7705460	100.0	96.1	M
2	10.259	10.254	0.005	13487626	100.0	110.7	M
						RPD = 14.15	
S 12 Polychlorinated biphenyls, Total							
1						1801.5	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

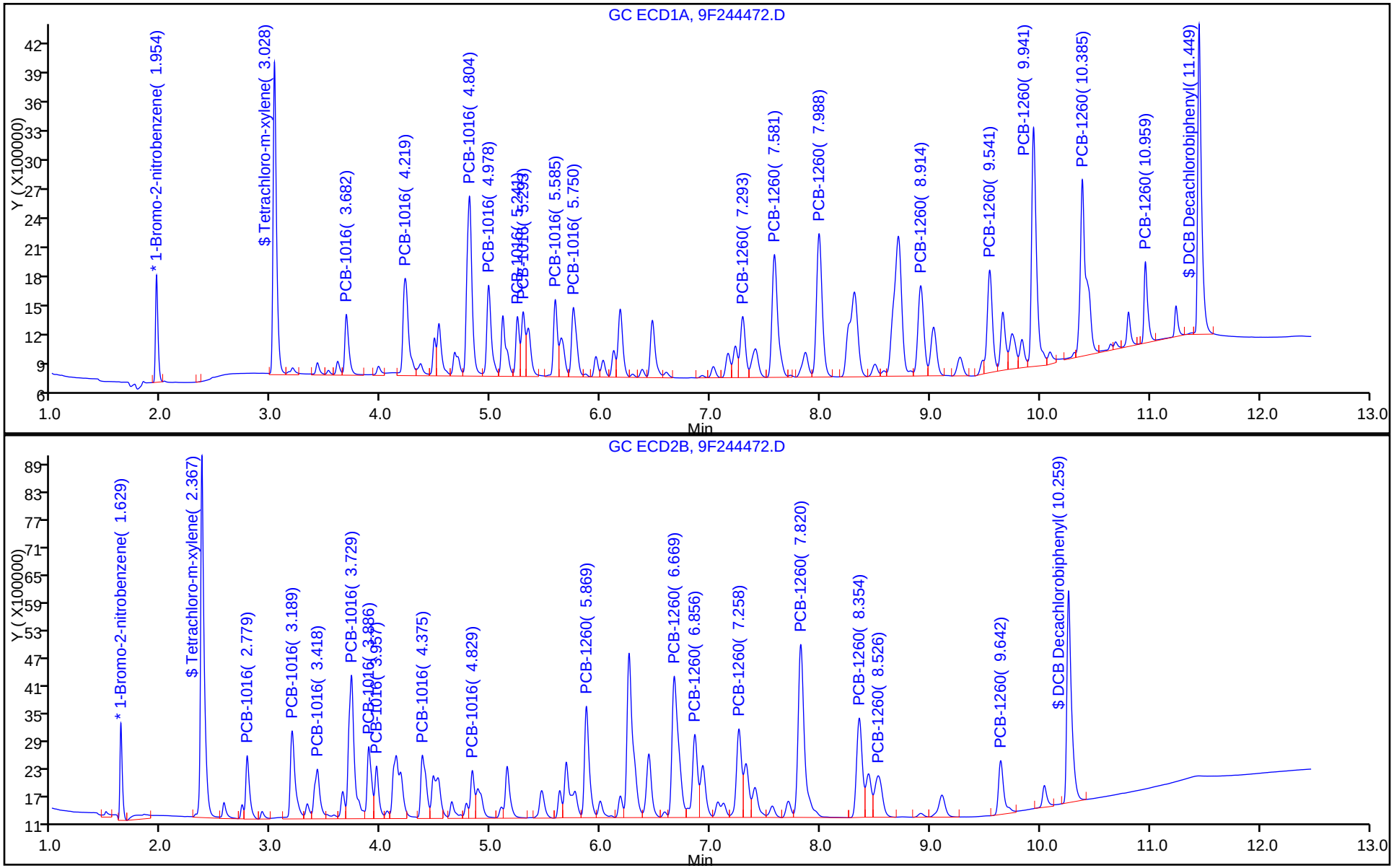
SG1660L3_00029	Amount Added:	1.00	Units: mL	
SGPCBISTD_00007	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 04-Oct-2016 16:14:11 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244472.D

Injection Date:	04-Oct-2016 13:07:18	Instrument ID:	CPESTGC9	Operator ID:	
Lims ID:	CCV			Worklist Smp#:	18
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Lab Sample ID: CCVIS 460-394713/18 Calibration Date: 10/04/2016 13:07

Instrument ID: CPESTGC9 Calib Start Date: 09/19/2016 15:51

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 09/19/2016 16:59

Lab File ID: 9F244472.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	0.0233	0.0214		921	1000	-7.9	20.0
PCB-1016 Peak 2	Ave	0.0457	0.0383		838	1000	-16.2	20.0
PCB-1016 Peak 3	Ave	0.0287	0.0243		848	1000	-15.2	20.0
PCB-1016 Peak 4	Ave	0.0836	0.0720		861	1000	-13.9	20.0
PCB-1016 Peak 5	Ave	0.0328	0.0279		850	1000	-15.0	20.0
PCB-1016 Peak 6	Ave	0.0212	0.0188		885	1000	-11.5	20.0
PCB-1016 Peak 7	Ave	0.0303	0.0300		991	1000	-0.9	20.0
PCB-1016 Peak 8	Ave	0.0178	0.0163		916	1000	-8.4	20.0
PCB-1260 Peak 1	Ave	0.0498	0.0469		940	1000	-6.0	20.0
PCB-1260 Peak 2	Ave	0.0796	0.0821		1030	1000	3.2	20.0
PCB-1260 Peak 3	Ave	0.0374	0.0389		1040	1000	4.0	20.0
PCB-1260 Peak 4	Ave	0.0391	0.0407		1040	1000	4.3	20.0
PCB-1260 Peak 5	Ave	0.0915	0.0975		1070	1000	6.6	20.0
PCB-1260 Peak 6	Ave	0.0462	0.0501		1090	1000	8.5	20.0
PCB-1260 Peak 7	Ave	0.0253	0.0279		1100	1000	10.1	20.0
PCB-1260 Peak 8	Ave	0.0225	0.0254		1130	1000	12.9	20.0
Tetrachloro-m-xylene	Ave	0.9571	1.146		120	100	19.7	20.0
DCB Decachlorobiphenyl	Ave	0.7787	0.8619		111	100	10.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Lab Sample ID: CCVIS 460-394713/18 Calibration Date: 10/04/2016 13:07

Instrument ID: CPESTGC9 Calib Start Date: 09/19/2016 15:51

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 09/19/2016 16:59

Lab File ID: 9F244472.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.78	2.71	2.85
PCB-1016 Peak 2	3.19	3.12	3.26
PCB-1016 Peak 3	3.42	3.35	3.49
PCB-1016 Peak 4	3.73	3.66	3.80
PCB-1016 Peak 5	3.89	3.82	3.96
PCB-1016 Peak 6	3.96	3.89	4.03
PCB-1016 Peak 7	4.38	4.31	4.45
PCB-1016 Peak 8	4.83	4.76	4.90
PCB-1260 Peak 1	5.87	5.80	5.94
PCB-1260 Peak 2	6.67	6.60	6.74
PCB-1260 Peak 3	6.86	6.79	6.93
PCB-1260 Peak 4	7.26	7.19	7.33
PCB-1260 Peak 5	7.82	7.75	7.89
PCB-1260 Peak 6	8.35	8.29	8.43
PCB-1260 Peak 7	8.53	8.46	8.60
PCB-1260 Peak 8	9.64	9.57	9.71
Tetrachloro-m-xylene	2.37	2.32	2.42
DCB Decachlorobiphenyl	10.26	10.15	10.35

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244472.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 04-Oct-2016 13:07:18 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046402-018
Operator ID: Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 04-Oct-2016 16:14:11 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK047

First Level Reviewer: patelji Date: 04-Oct-2016 13:34:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.954	1.946	0.008	1745327	20.0	20.0	M
2	1.629	1.629	0.000	3129625	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	3.028	3.019	0.009	7046179	100.0	79.8	M
2	2.367	2.368	-0.001	17931042	100.0	119.7	M
						RPD = 40.01	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.682	3.673	0.009	1639593	1000.0	812.9	M
1	4.219	4.209	0.010	3587515	1000.0	808.2	M
1	4.804	4.795	0.009	6120475	1000.0	822.0	M
1	4.978	4.969	0.009	2781023	1000.0	886.5	M
1	5.241	5.233	0.008	1425471	1000.0	851.7	M
1	5.293	5.285	0.008	1648150	1000.0	865.5	M
1	5.585	5.577	0.008	2015365	1000.0	844.9	M
1	5.750	5.743	0.007	2352012	1000.0	830.4	M
		Average of Peak Amounts =				840.2	
2	2.779	2.780	-0.001	3354637	1000.0	920.7	M
2	3.189	3.189	0.000	5994344	1000.0	837.7	M
2	3.418	3.419	-0.001	3806037	1000.0	848.2	M
2	3.729	3.730	-0.001	11262684	1000.0	860.5	M
2	3.886	3.887	-0.001	4358575	1000.0	850.0	M
2	3.957	3.958	-0.001	2940967	1000.0	885.1	M
2	4.375	4.376	-0.001	4696248	1000.0	991.0	M
2	4.829	4.831	-0.002	2553466	1000.0	916.0	M
		Average of Peak Amounts =				888.7	
						RPD = 5.60	
8 PCB-1260							M
1	7.293	7.284	0.009	2058613	1000.0	992.8	M
1	7.581	7.573	0.008	4710743	1000.0	950.8	M
1	7.988	7.979	0.009	5382873	1000.0	966.2	M
1	8.914	8.905	0.009	3521597	1000.0	960.5	
1	9.541	9.536	0.005	3530885	1000.0	971.9	
1	9.941	9.934	0.007	7739565	1000.0	974.2	
1	10.385	10.375	0.010	7099807	1000.0	944.9	M
1	10.959	10.941	0.018	1937441	1000.0	928.5	M
		Average of Peak Amounts =				961.2	
2	5.869	5.869	0.000	7332023	1000.0	940.2	
2	6.669	6.670	-0.001	12847909	1000.0	1031.8	
2	6.856	6.857	-0.001	6091179	1000.0	1039.8	
2	7.258	7.259	-0.001	6374633	1000.0	1042.7	
2	7.820	7.822	-0.002	15261903	1000.0	1066.3	
2	8.354	8.355	-0.001	7839516	1000.0	1085.2	
2	8.526	8.529	-0.003	4361850	1000.0	1100.7	
2	9.642	9.643	-0.001	3977321	1000.0	1129.1	
		Average of Peak Amounts =				1054.5	
						RPD = 9.25	
$ 11 DCB Decachlorobiphenyl							M
1	11.449	11.424	0.025	7705460	100.0	96.1	M
2	10.259	10.254	0.005	13487626	100.0	110.7	M
						RPD = 14.15	
S 12 Polychlorinated biphenyls, Total							
1						1801.5	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

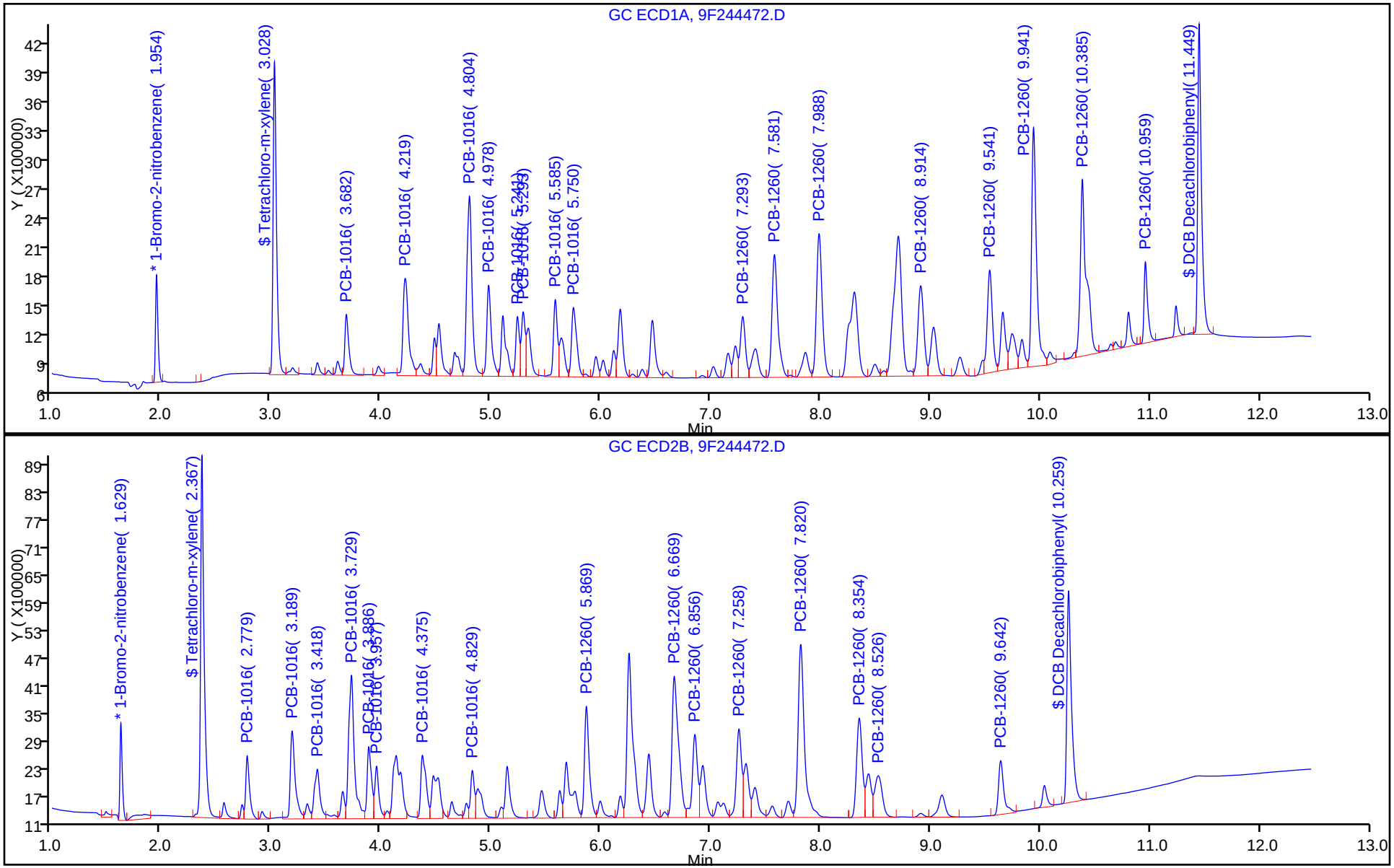
SG1660L3_00029	Amount Added:	1.00	Units: mL	
SGPCBISTD_00007	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 04-Oct-2016 16:14:13 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244472.D

Injection Date:	04-Oct-2016 13:07:18	Instrument ID:	CPESTGC9	Operator ID:	
Lims ID:	CCV			Worklist Smp#:	18
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-394112/1-A

Matrix: Water | Lab File ID: 9F244473.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 09/30/2016 20:30

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 13:37

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.: 394713 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	134		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244473.D
Lims ID: MB 460-394112/1-A
Client ID:
Sample Type: MB
Inject. Date: 04-Oct-2016 13:37:50 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046402-019
Operator ID: Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 04-Oct-2016 16:14:11 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK047

First Level Reviewer: patelji Date: 04-Oct-2016 15:35:04

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	1.952	1.946	0.006	1342465	20.0	20.0	
2	1.626	1.629	-0.003	2846281	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	3.026	3.019	0.007	4109489	100.0	60.5	
2	2.363	2.368	-0.005	7350683	100.0	54.0	
						RPD = 11.44	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							M
1	11.453	11.424	0.029	8251243	100.0	133.7	M
2	10.257	10.254	0.003	14431642	100.0	130.2	M
						RPD = 2.66	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

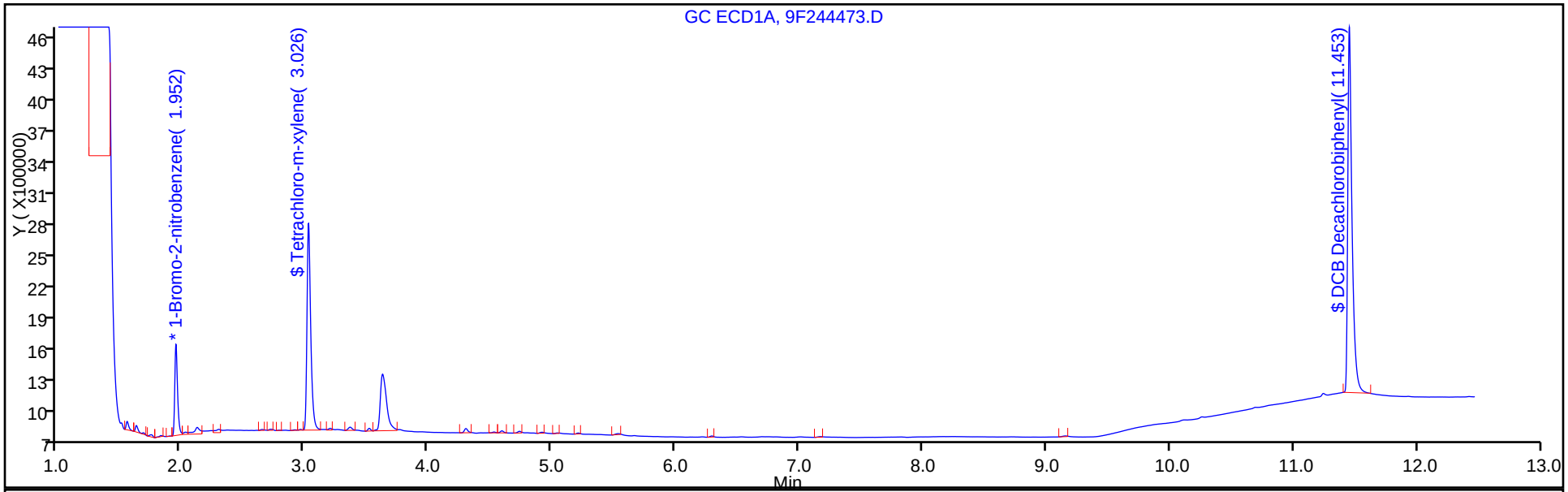
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

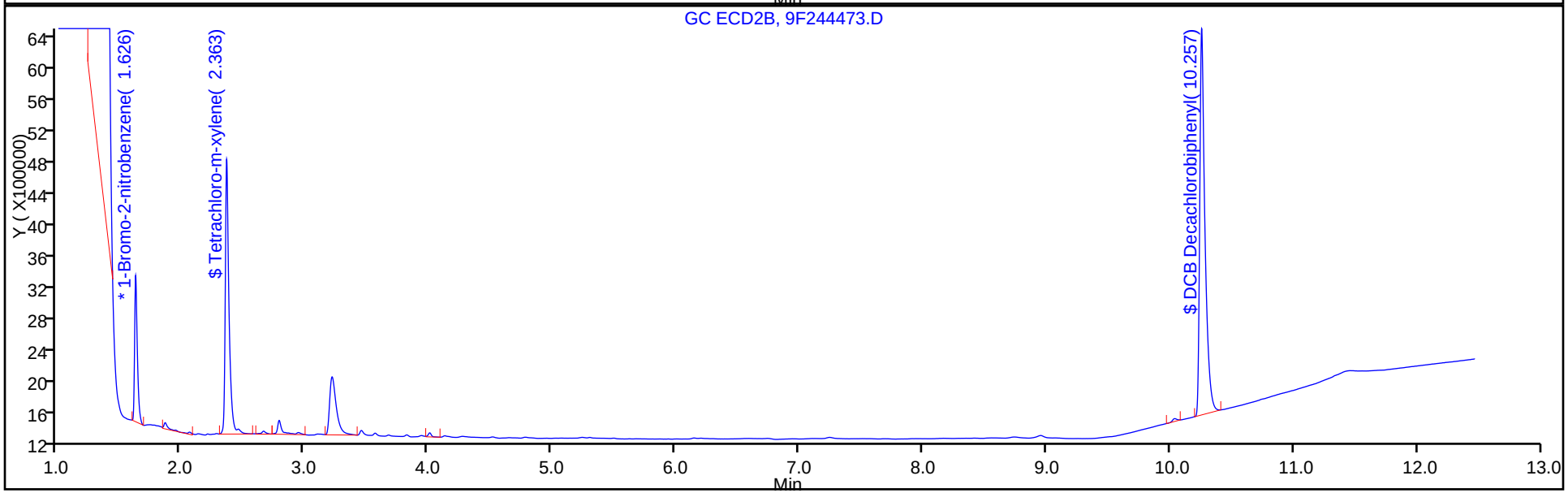
Report Date: 04-Oct-2016 16:14:16 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244473.D

Injection Date:	04-Oct-2016 13:37:50	Instrument ID:	CPESTGC9	Operator ID:	
Lims ID:	MB 460-394112/1-A			Worklist Smp#:	19
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

TestAmerica Edison

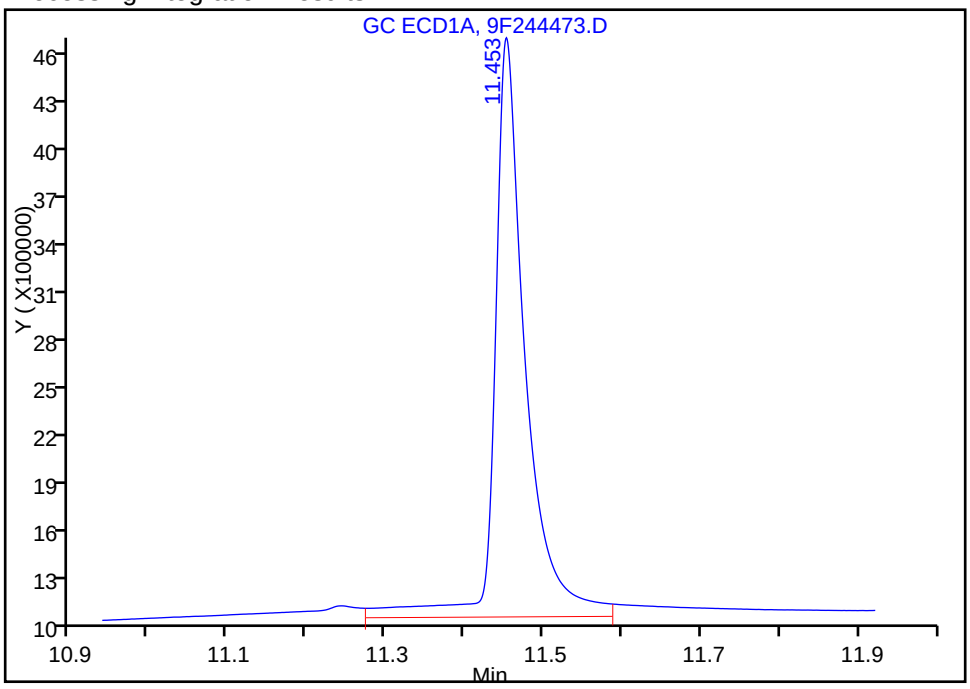
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244473.D		
Injection Date:	04-Oct-2016 13:37:50	Instrument ID:	CPESTGC9
Lims ID:	MB 460-394112/1-A		
Client ID:			
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD1A

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

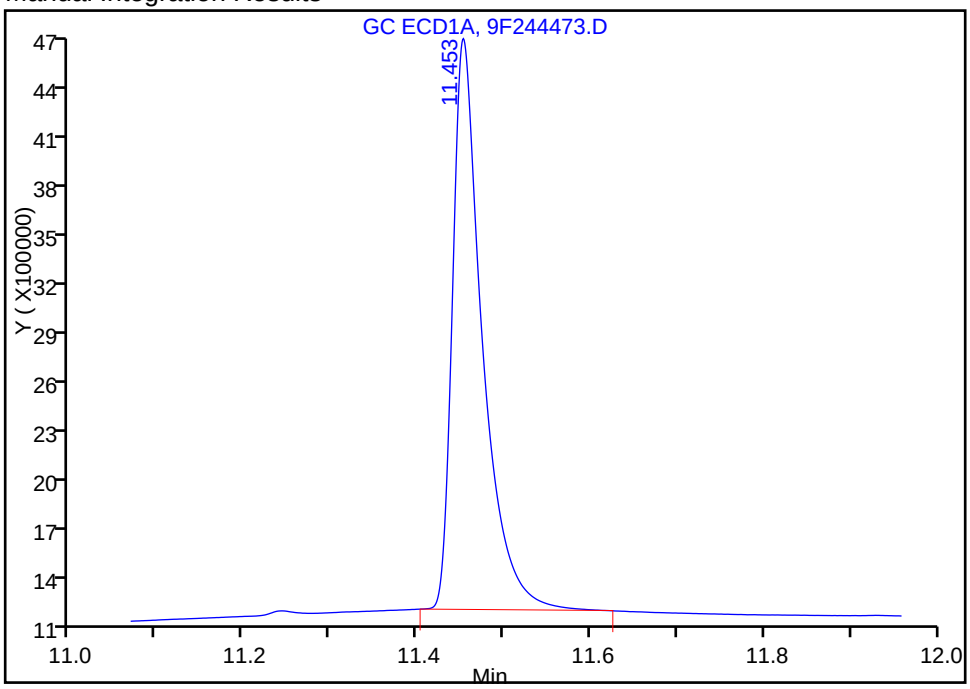
Processing Integration Results

RT: 11.45
Area: 9585454
Amount: 155.3670
Amount Units: ug/l



Manual Integration Results

RT: 11.45
Area: 8251243
Amount: 133.7413
Amount Units: ug/l



Reviewer: patelji, 04-Oct-2016 15:35:04

Audit Action: Manually Integrated Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-394112/1-A

Matrix: Water | Lab File ID: 9F244473.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 09/30/2016 20:30

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 13:37

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394713 | 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	130		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244473.D
Lims ID: MB 460-394112/1-A
Client ID:
Sample Type: MB
Inject. Date: 04-Oct-2016 13:37:50 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046402-019
Operator ID: Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 04-Oct-2016 16:14:11 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK047

First Level Reviewer: patelji Date: 04-Oct-2016 15:35:04

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	1.952	1.946	0.006	1342465	20.0	20.0	
2	1.626	1.629	-0.003	2846281	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	3.026	3.019	0.007	4109489	100.0	60.5	
2	2.363	2.368	-0.005	7350683	100.0	54.0	
						RPD = 11.44	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							M
1	11.453	11.424	0.029	8251243	100.0	133.7	M
2	10.257	10.254	0.003	14431642	100.0	130.2	M
						RPD = 2.66	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

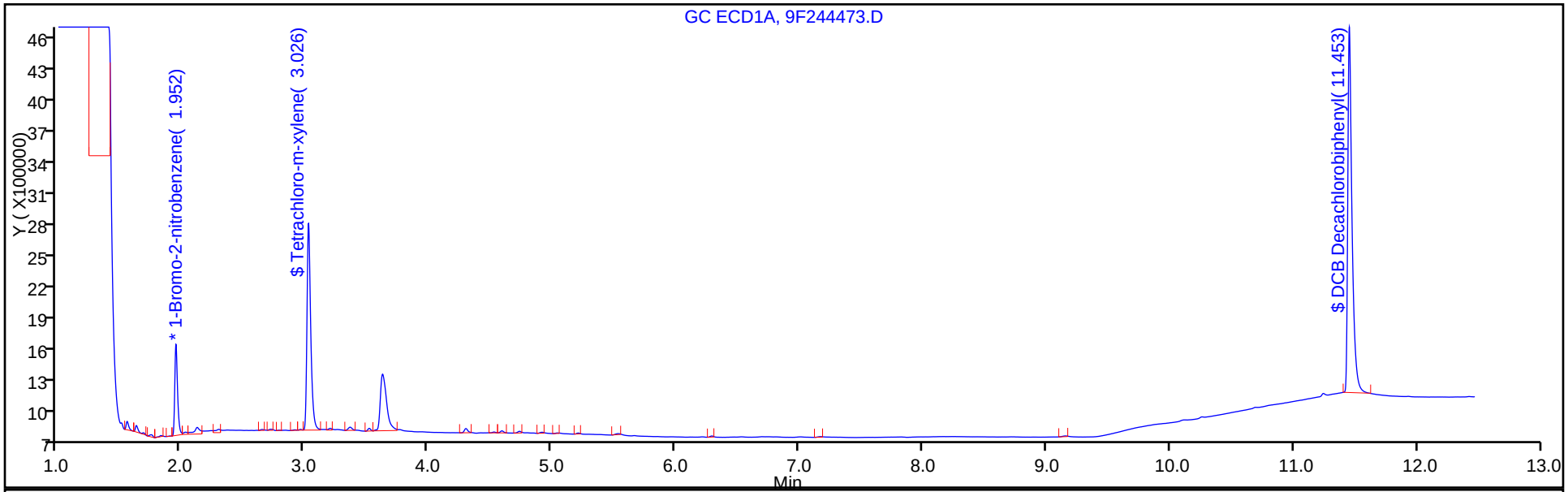
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

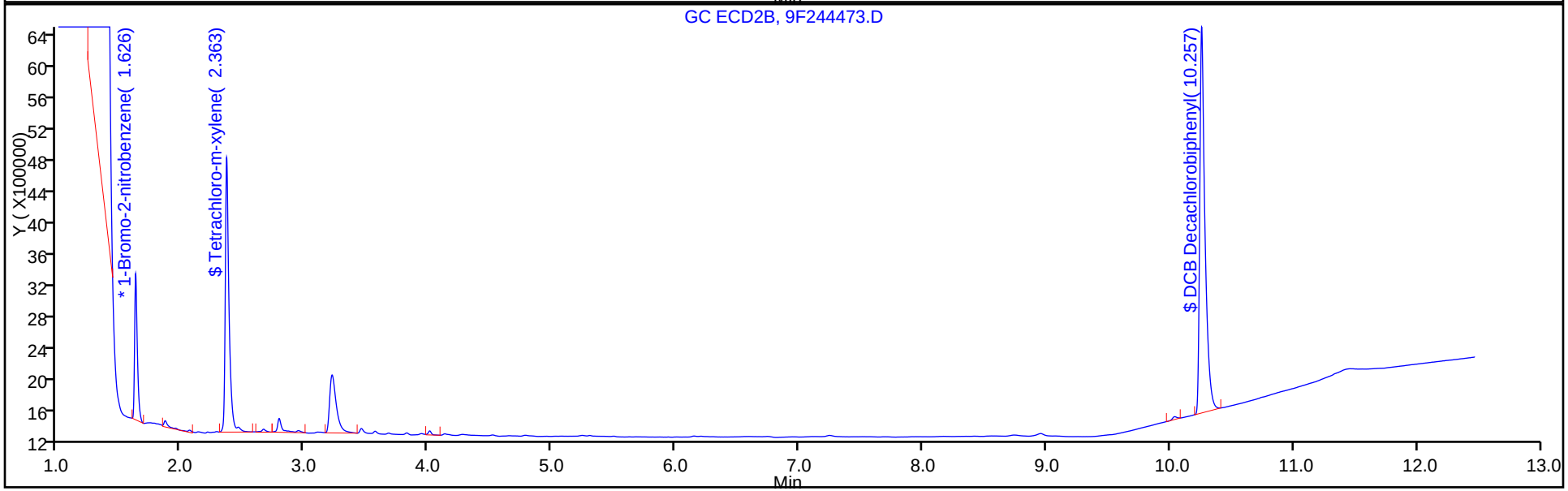
Report Date: 04-Oct-2016 16:14:17 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244473.D

Injection Date:	04-Oct-2016 13:37:50	Instrument ID:	CPESTGC9	Operator ID:	
Lims ID:	MB 460-394112/1-A			Worklist Smp#:	19
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

TestAmerica Edison

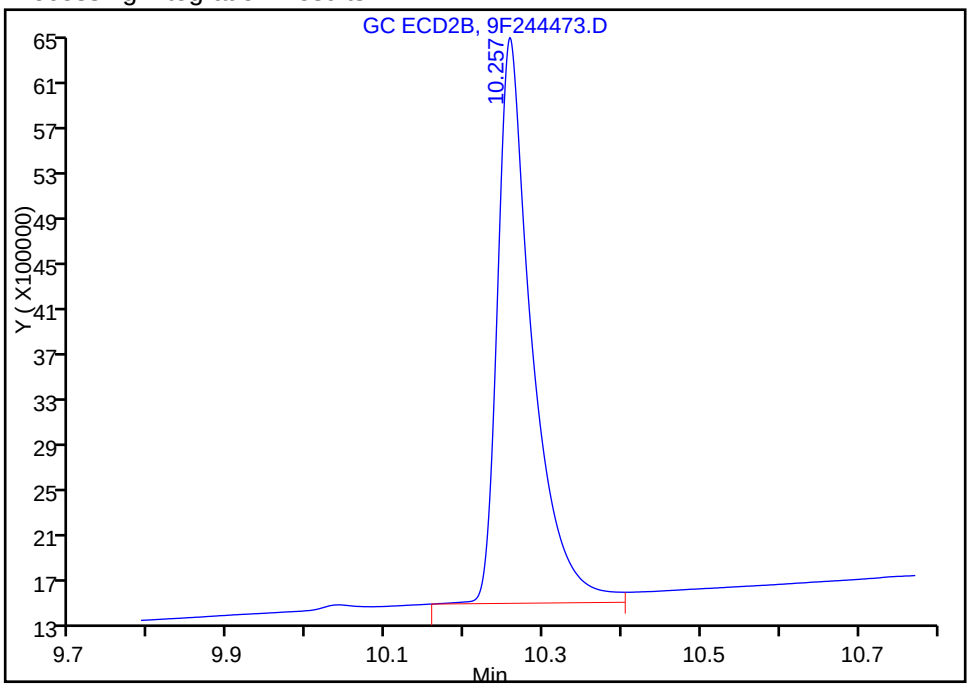
Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244473.D
Injection Date: 04-Oct-2016 13:37:50 Instrument ID: CPESTGC9
Lims ID: MB 460-394112/1-A
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD
Column: Detector GC ECD2B

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

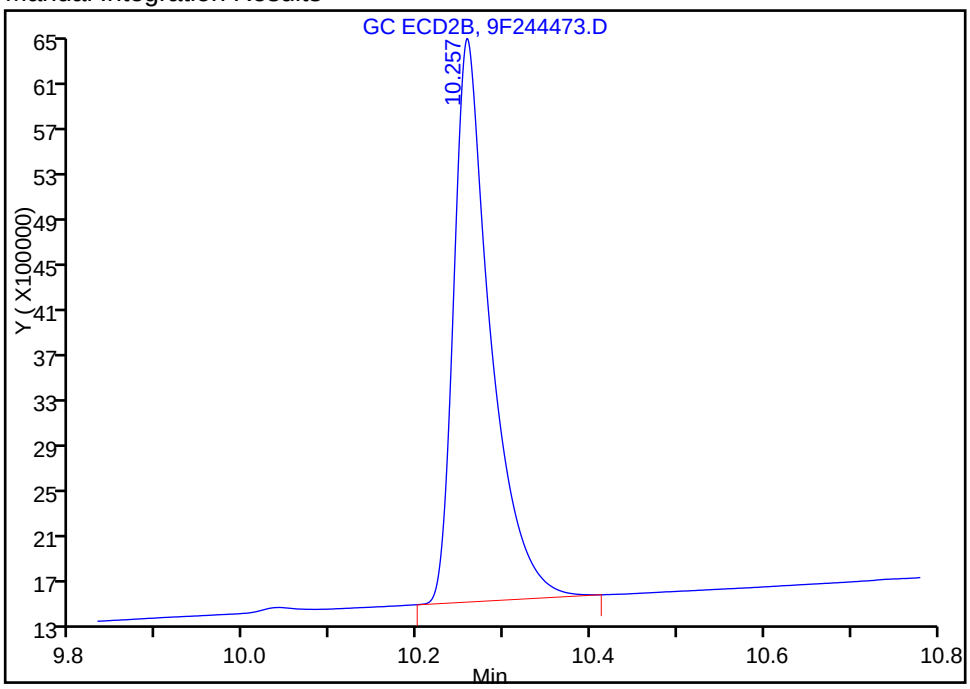
Processing Integration Results

RT: 10.26
Area: 15051280
Amount: 135.8228
Amount Units: ug/l



Manual Integration Results

RT: 10.26
Area: 14431642
Amount: 130.2312
Amount Units: ug/l



Reviewer: patelji, 04-Oct-2016 15:35:04
Audit Action: Manually Integrated Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-394112/2-A

Matrix: Water | Lab File ID: 9F244474.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 09/30/2016 20:30

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 13:54

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.: 394713 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*3.58*		*0.40*	*0.098*
11096-82-5	Aroclor 1260	4.76		0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	128		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244474.D
Lims ID: LCS 460-394112/2-A
Client ID:
Sample Type: LCS
Inject. Date: 04-Oct-2016 13:54:39 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046402-020
Operator ID: Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 04-Oct-2016 16:14:11 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK047

First Level Reviewer: patelji Date: 04-Oct-2016 15:15:44

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	1.944	1.946	-0.002	1546938	20.0	20.0	
2	1.627	1.629	-0.002	3027190	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	3.016	3.019	-0.003	5614622	100.0	71.7	
2	2.364	2.368	-0.004	12036309	100.0	83.1	
						RPD = 14.64	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.668	3.673	-0.005	1882799	1000.0	1053.1	
1	4.206	4.209	-0.003	3123761	1000.0	794.0	
1	4.791	4.795	-0.004	5516740	1000.0	835.9	
1	4.966	4.969	-0.003	2535254	1000.0	911.8	
1	5.228	5.233	-0.005	1306729	1000.0	880.9	
1	5.281	5.285	-0.004	1489539	1000.0	882.5	
1	5.572	5.577	-0.005	1938665	1000.0	916.9	
1	5.738	5.743	-0.005	2229023	1000.0	887.9	
		Average of Peak Amounts =				895.4	
2	2.776	2.780	-0.004	3889761	1000.0	1103.7	
2	3.183	3.189	-0.006	8443436	1000.0	1219.9	
2	3.416	3.419	-0.003	4982832	1000.0	1148.0	M
2	3.725	3.730	-0.005	14093185	1000.0	1113.3	
2	3.882	3.887	-0.005	5412088	1000.0	1091.1	
2	3.954	3.958	-0.004	3288942	1000.0	1023.4	
2	4.371	4.376	-0.005	4387920	1000.0	957.3	
2	4.826	4.831	-0.005	2196862	1000.0	814.7	
		Average of Peak Amounts =				1058.9	
						RPD = 16.74	
8 PCB-1260							M
1	7.279	7.284	-0.005	2119763	1000.0	1153.4	
1	7.567	7.573	-0.006	4668264	1000.0	1063.1	
1	7.973	7.979	-0.006	5341704	1000.0	1081.7	
1	8.899	8.905	-0.006	4077727	1000.0	1254.8	
1	9.531	9.536	-0.005	4100315	1000.0	1273.3	
1	9.931	9.934	-0.003	8292150	1000.0	1177.6	
1	10.374	10.375	-0.001	8167903	1000.0	1226.5	
1	10.945	10.941	0.004	2402603	1000.0	1299.1	M
		Average of Peak Amounts =				1191.2	
2	5.864	5.869	-0.005	7234286	1000.0	959.1	
2	6.664	6.670	-0.006	11863696	1000.0	985.0	
2	6.851	6.857	-0.006	6611534	1000.0	1166.8	
2	7.252	7.259	-0.007	6777395	1000.0	1146.1	M
2	7.815	7.822	-0.007	16304008	1000.0	1177.6	
2	8.347	8.355	-0.008	7946383	1000.0	1137.2	
2	8.522	8.529	-0.007	5178138	1000.0	1351.0	
2	9.637	9.643	-0.006	4618098	1000.0	1355.4	
		Average of Peak Amounts =				1159.8	
						RPD = 2.67	
$ 11 DCB Decachlorobiphenyl							M
1	11.431	11.424	0.007	9075178	100.0	127.7	M
2	10.253	10.254	-0.001	15741411	100.0	133.6	M
						RPD = 4.52	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

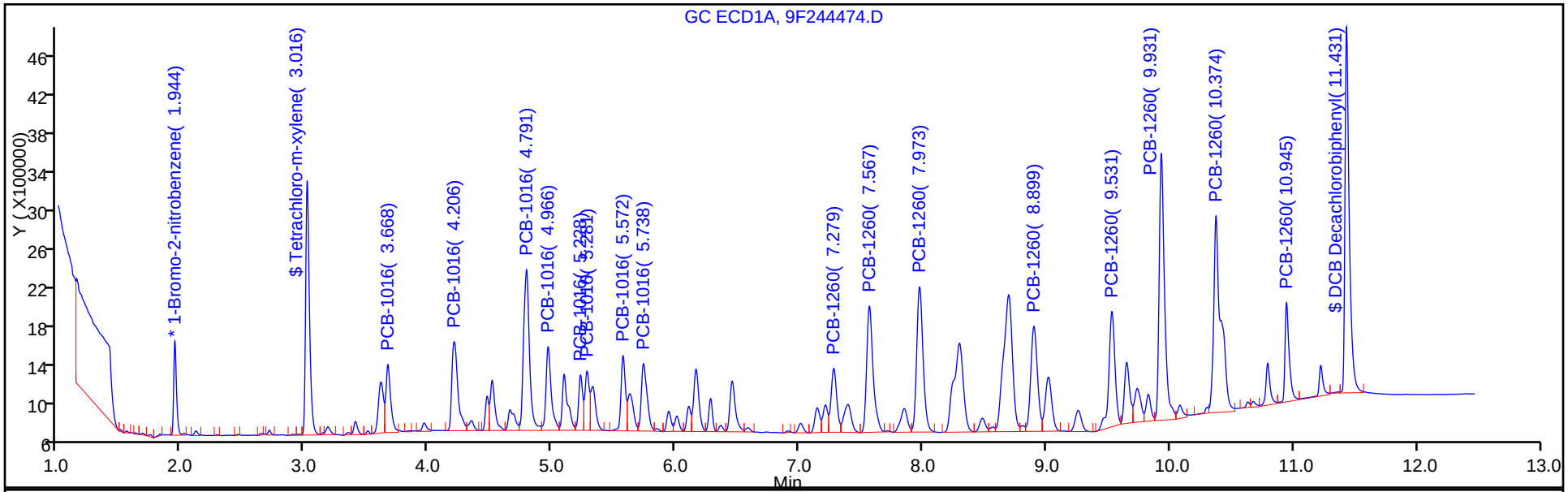
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

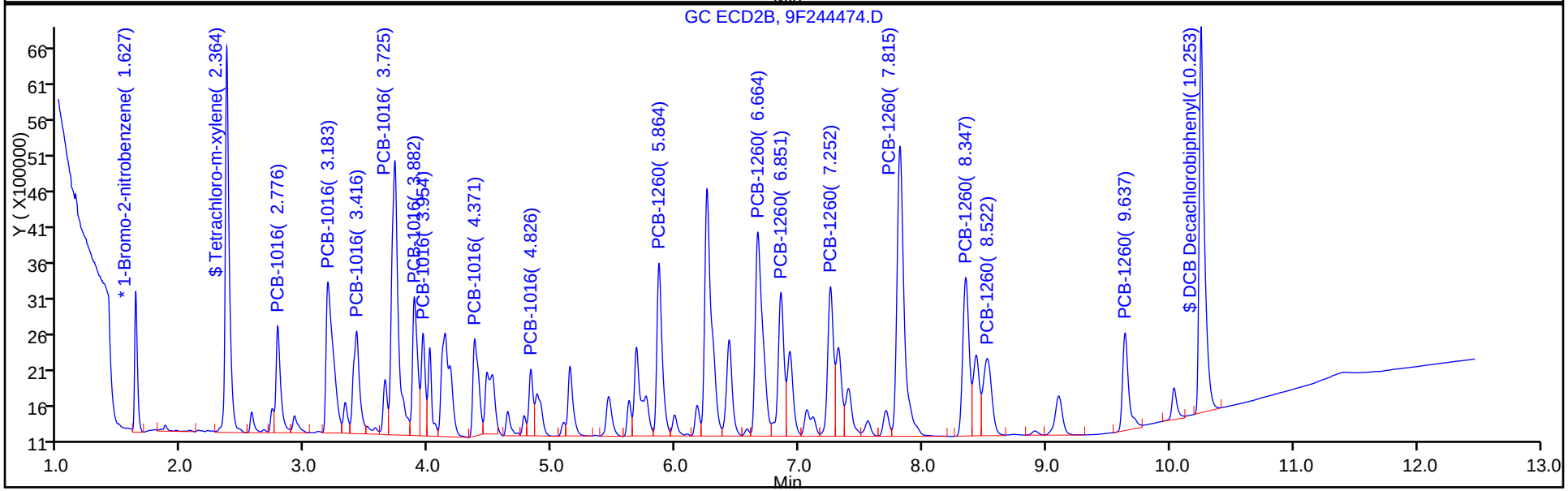
Report Date: 04-Oct-2016 16:14:19 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244474.D

Injection Date:	04-Oct-2016 13:54:39	Instrument ID:	CPESTGC9	Operator ID:	
Lims ID:	LCS 460-394112/2-A			Worklist Smp#:	20
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Report Date: 04-Oct-2016 16:14:20 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244474.D

Injection Date: 04-Oct-2016 13:54:39 Instrument ID: CPESTGC9

Lims ID: LCS 460-394112/2-A

Client ID:

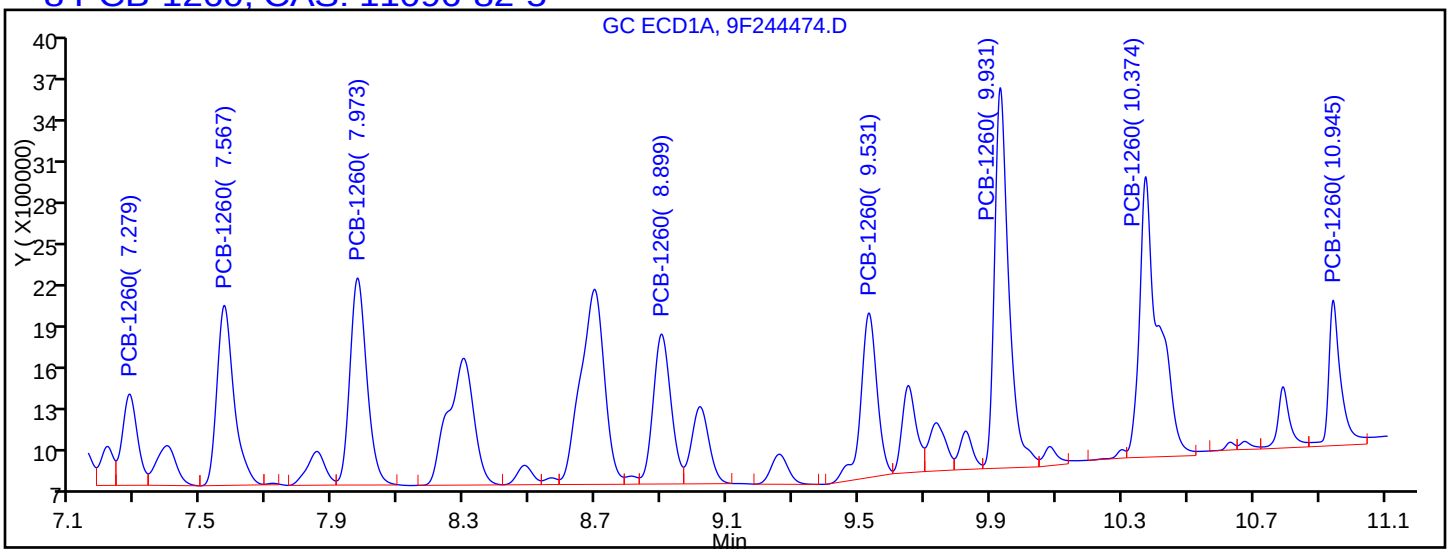
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD

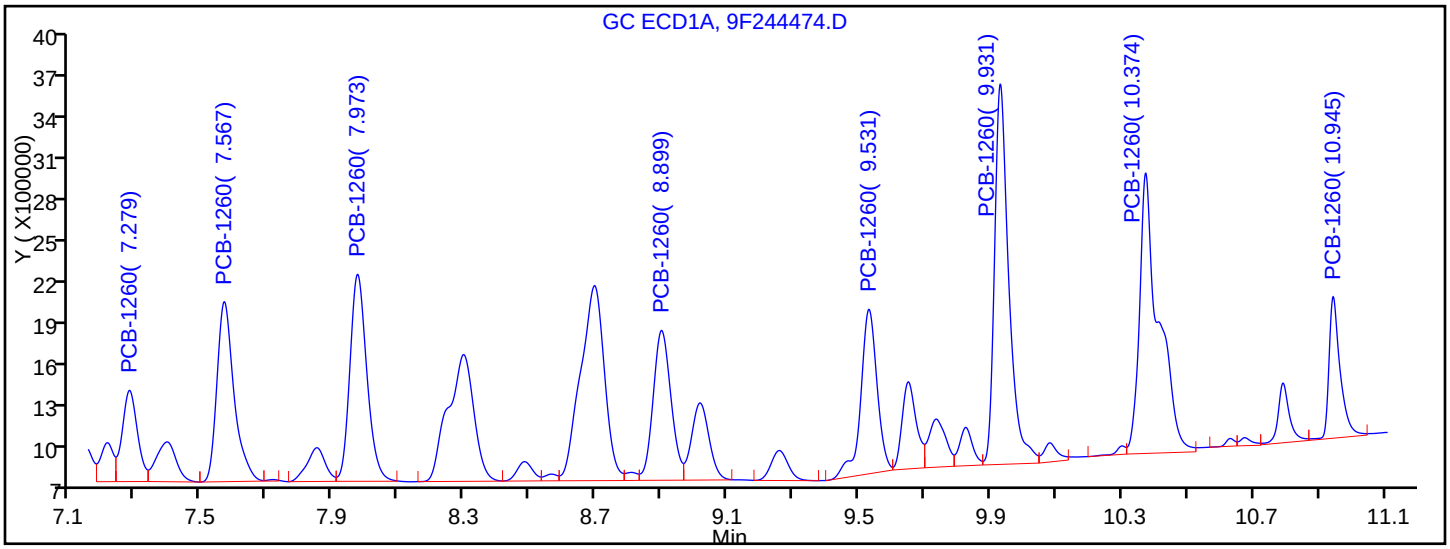
Column: Detector GC ECD1A

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

7.279	Response = 2119763
7.567	Response = 4668264
7.973	Response = 5341704
8.899	Response = 4077727
9.531	Response = 4100315
9.931	Response = 8292150
10.374	Response = 8167903
10.945	Response = 2701842



Manual Integration Results

7.279	Response = 2119763
7.567	Response = 4668264
7.973	Response = 5341704
8.899	Response = 4077727
9.531	Response = 4100315
9.931	Response = 8292150

Manual Integration/User Assign Peak Report

TestAmerica Edison

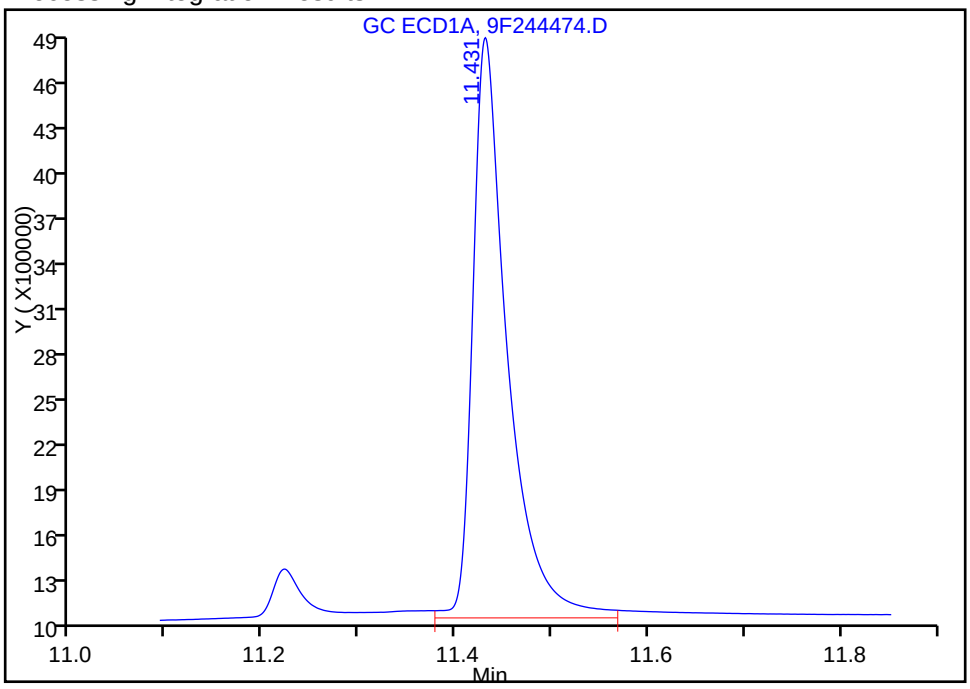
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244474.D		
Injection Date:	04-Oct-2016 13:54:39	Instrument ID:	CPESTGC9
Lims ID:	LCS 460-394112/2-A		
Client ID:			
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD1A

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

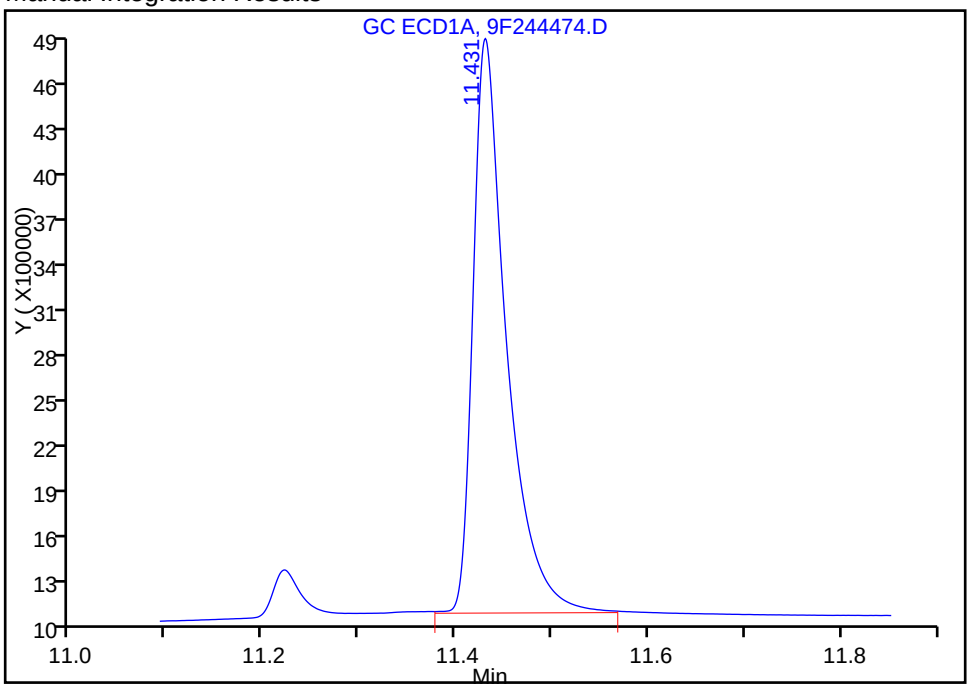
Processing Integration Results

RT: 11.43
Area: 9507933
Amount: 133.7403
Amount Units: ug/l



Manual Integration Results

RT: 11.43
Area: 9075178
Amount: 127.6531
Amount Units: ug/l



Reviewer: patelji, 04-Oct-2016 15:34:40

Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-394112/2-A

Matrix: Water | Lab File ID: 9F244474.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 09/30/2016 20:30

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 13:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394713 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	4.24		0.40	0.098
11096-82-5	*Aroclor 1260*	*4.64*		*0.40*	*0.084*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	134		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244474.D
Lims ID: LCS 460-394112/2-A
Client ID:
Sample Type: LCS
Inject. Date: 04-Oct-2016 13:54:39 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046402-020
Operator ID: Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 04-Oct-2016 16:14:11 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK047

First Level Reviewer: patelji Date: 04-Oct-2016 15:15:44

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	1.944	1.946	-0.002	1546938	20.0	20.0	
2	1.627	1.629	-0.002	3027190	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	3.016	3.019	-0.003	5614622	100.0	71.7	
2	2.364	2.368	-0.004	12036309	100.0	83.1	
						RPD = 14.64	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.668	3.673	-0.005	1882799	1000.0	1053.1	
1	4.206	4.209	-0.003	3123761	1000.0	794.0	
1	4.791	4.795	-0.004	5516740	1000.0	835.9	
1	4.966	4.969	-0.003	2535254	1000.0	911.8	
1	5.228	5.233	-0.005	1306729	1000.0	880.9	
1	5.281	5.285	-0.004	1489539	1000.0	882.5	
1	5.572	5.577	-0.005	1938665	1000.0	916.9	
1	5.738	5.743	-0.005	2229023	1000.0	887.9	
		Average of Peak Amounts =				895.4	
2	2.776	2.780	-0.004	3889761	1000.0	1103.7	
2	3.183	3.189	-0.006	8443436	1000.0	1219.9	
2	3.416	3.419	-0.003	4982832	1000.0	1148.0	M
2	3.725	3.730	-0.005	14093185	1000.0	1113.3	
2	3.882	3.887	-0.005	5412088	1000.0	1091.1	
2	3.954	3.958	-0.004	3288942	1000.0	1023.4	
2	4.371	4.376	-0.005	4387920	1000.0	957.3	
2	4.826	4.831	-0.005	2196862	1000.0	814.7	
		Average of Peak Amounts =				1058.9	
						RPD = 16.74	
8 PCB-1260							M
1	7.279	7.284	-0.005	2119763	1000.0	1153.4	
1	7.567	7.573	-0.006	4668264	1000.0	1063.1	
1	7.973	7.979	-0.006	5341704	1000.0	1081.7	
1	8.899	8.905	-0.006	4077727	1000.0	1254.8	
1	9.531	9.536	-0.005	4100315	1000.0	1273.3	
1	9.931	9.934	-0.003	8292150	1000.0	1177.6	
1	10.374	10.375	-0.001	8167903	1000.0	1226.5	
1	10.945	10.941	0.004	2402603	1000.0	1299.1	M
		Average of Peak Amounts =				1191.2	
2	5.864	5.869	-0.005	7234286	1000.0	959.1	
2	6.664	6.670	-0.006	11863696	1000.0	985.0	
2	6.851	6.857	-0.006	6611534	1000.0	1166.8	
2	7.252	7.259	-0.007	6777395	1000.0	1146.1	M
2	7.815	7.822	-0.007	16304008	1000.0	1177.6	
2	8.347	8.355	-0.008	7946383	1000.0	1137.2	
2	8.522	8.529	-0.007	5178138	1000.0	1351.0	
2	9.637	9.643	-0.006	4618098	1000.0	1355.4	
		Average of Peak Amounts =				1159.8	
						RPD = 2.67	
$ 11 DCB Decachlorobiphenyl							M
1	11.431	11.424	0.007	9075178	100.0	127.7	M
2	10.253	10.254	-0.001	15741411	100.0	133.6	M
						RPD = 4.52	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 04-Oct-2016 16:14:20 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244474.D

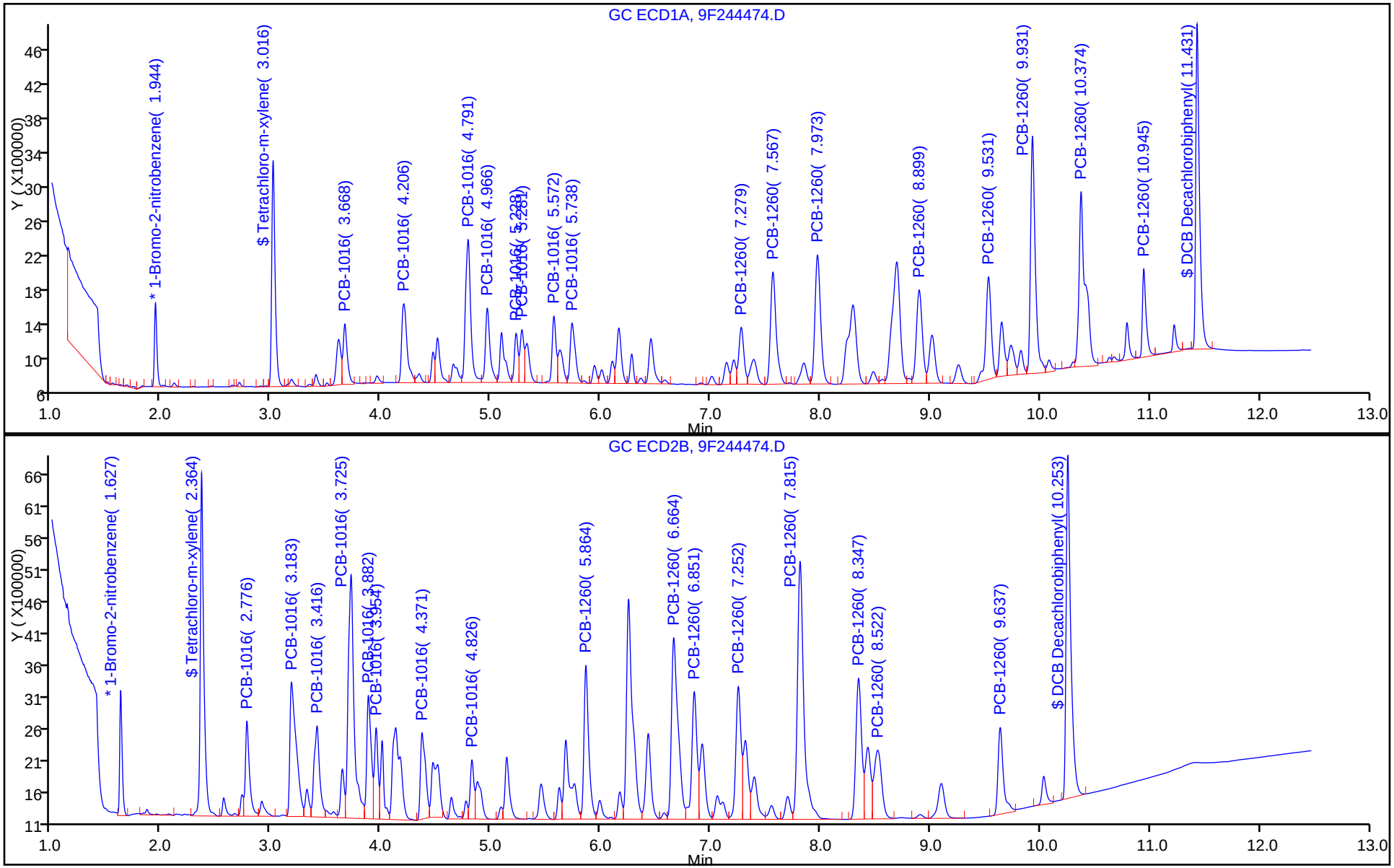
Injection Date: 04-Oct-2016 13:54:39 Instrument ID: CPESTGC9 Operator ID:

Lims ID: LCS 460-394112/2-A Worklist Smp#: 20

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 20

Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD



Report Date: 04-Oct-2016 16:14:20 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244474.D

Injection Date: 04-Oct-2016 13:54:39 Instrument ID: CPESTGC9

Lims ID: LCS 460-394112/2-A

Client ID:

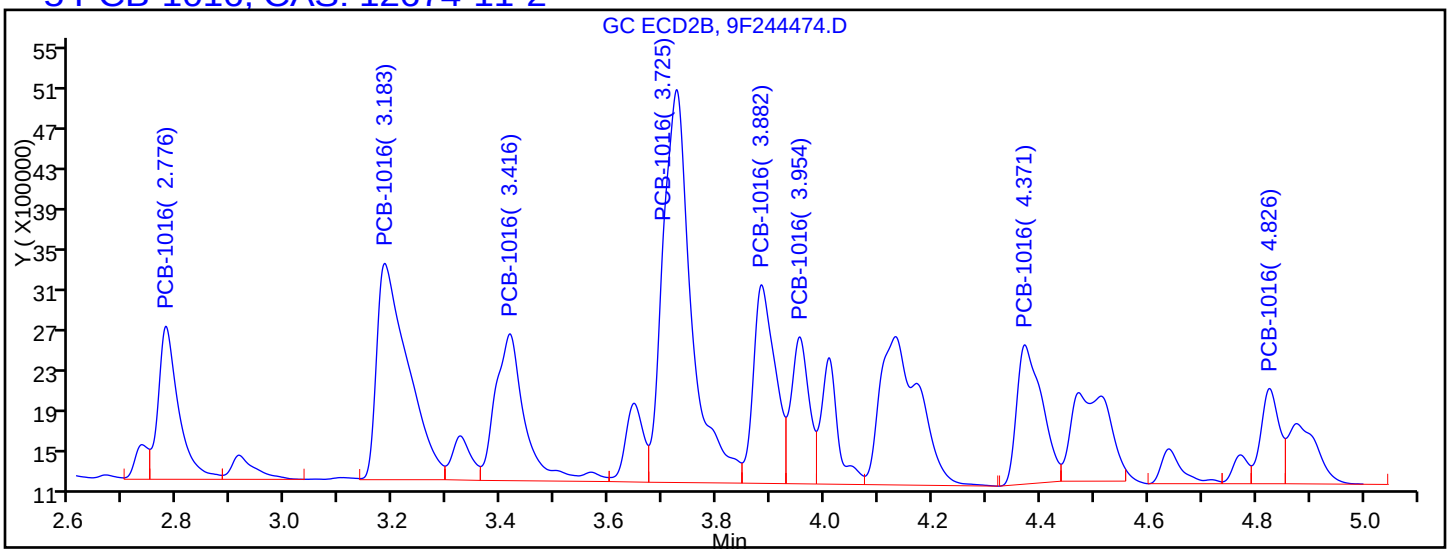
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD

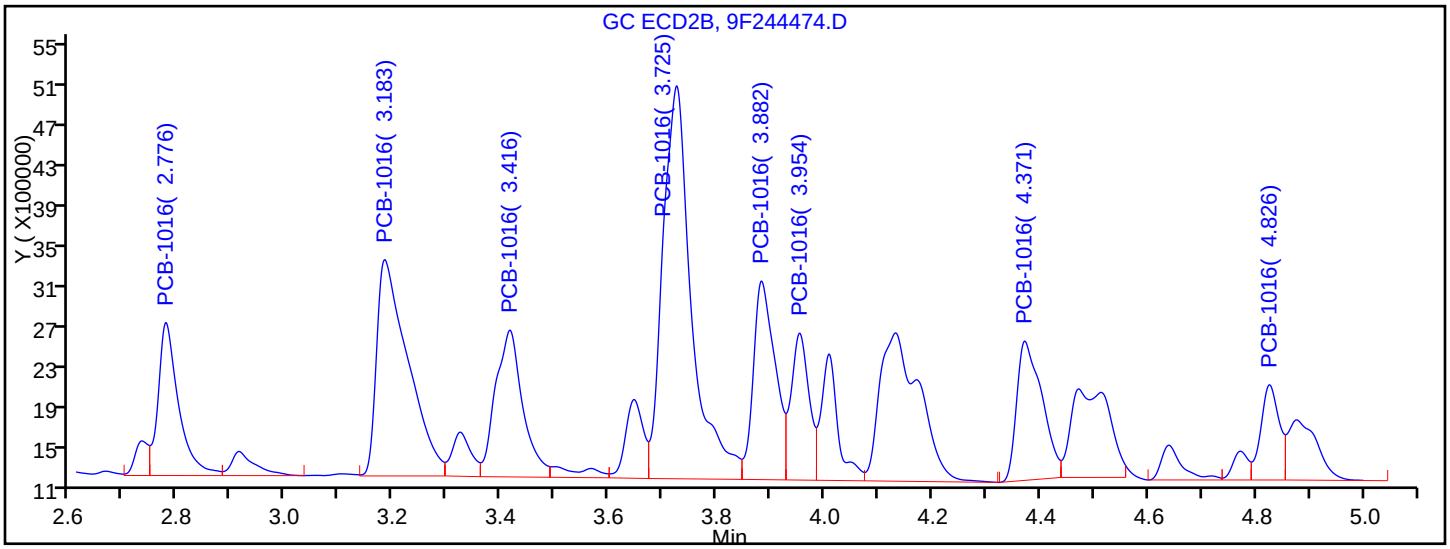
Column: Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.776	Response = 3889761
3.183	Response = 8443436
3.416	Response = 5452385
3.725	Response = 14093185
3.882	Response = 5412088
3.954	Response = 3288942
4.371	Response = 4387920
4.826	Response = 2196862



Manual Integration Results

2.776	Response = 3889761	
3.183	Response = 8443436	
3.416	Response = 4982832	M
3.725	Response = 14093185	
3.882	Response = 5412088	
3.954	Response = 3288942	

Report Date: 04-Oct-2016 16:14:21 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244474.D

Injection Date: 04-Oct-2016 13:54:39 Instrument ID: CPESTGC9

Lims ID: LCS 460-394112/2-A

Client ID:

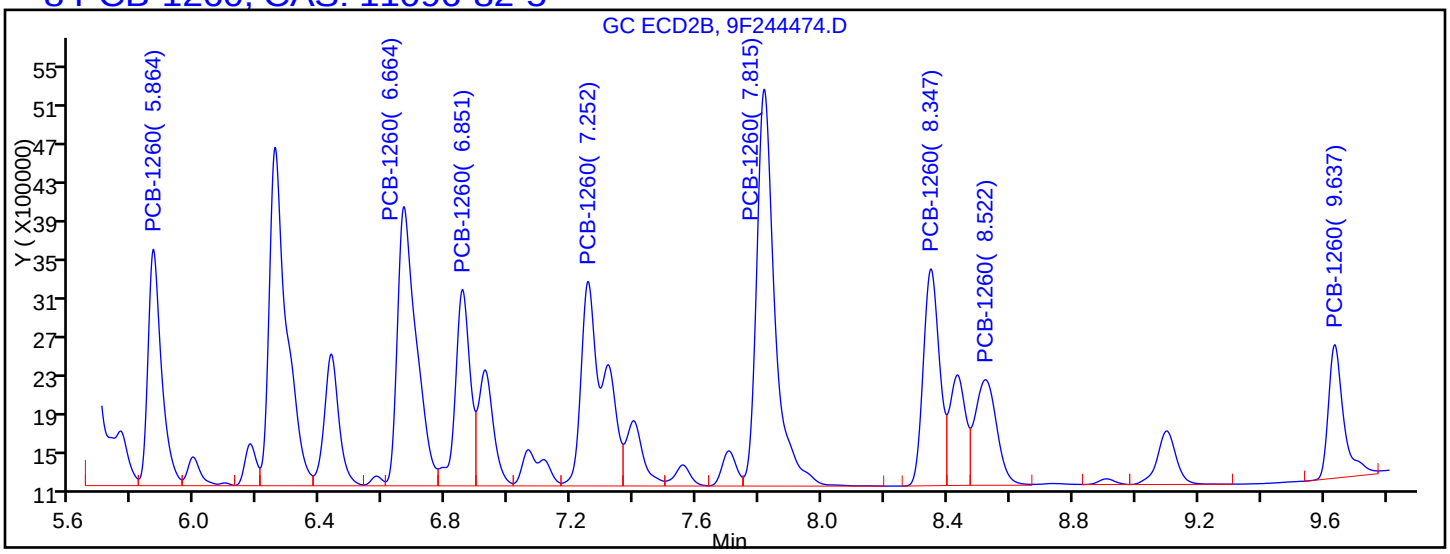
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD

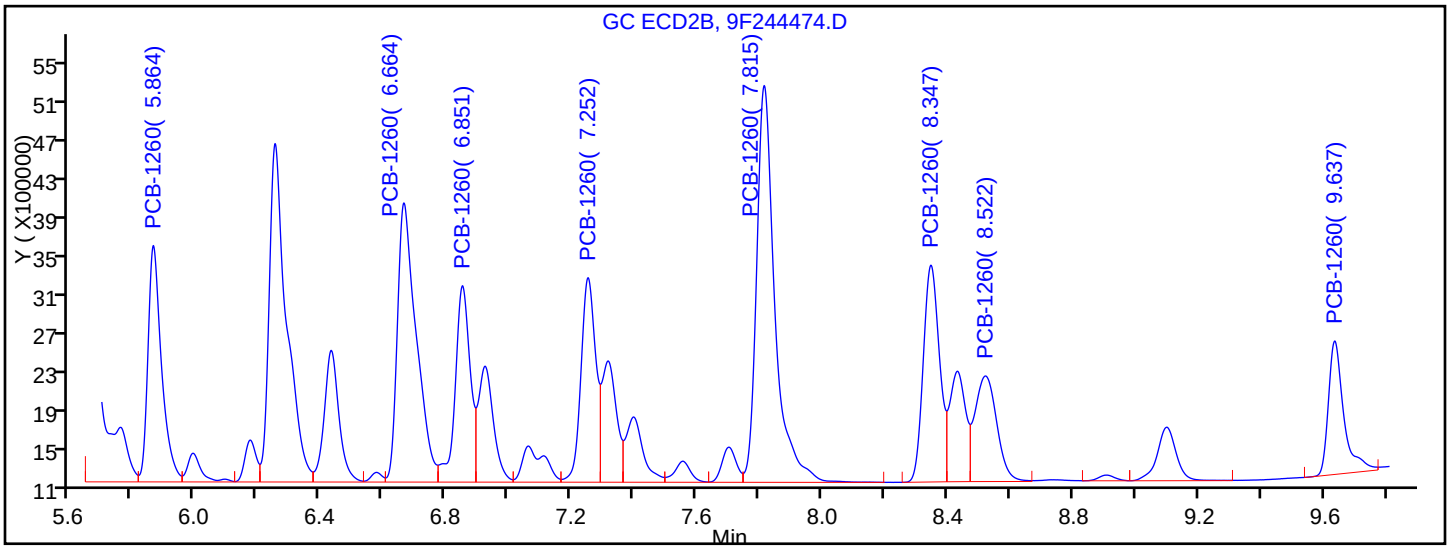
Column: Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

5.864	Response = 7234286
6.664	Response = 11863696
6.851	Response = 6611534
7.252	Response = 10726946
7.815	Response = 16304008
8.347	Response = 7946383
8.522	Response = 5178138
9.637	Response = 4618098



Manual Integration Results

5.864	Response = 7234286
6.664	Response = 11863696
6.851	Response = 6611534
7.252	Response = 6777395
7.815	Response = 16304008
8.347	Response = 7946383

Manual Integration/User Assign Peak Report

TestAmerica Edison

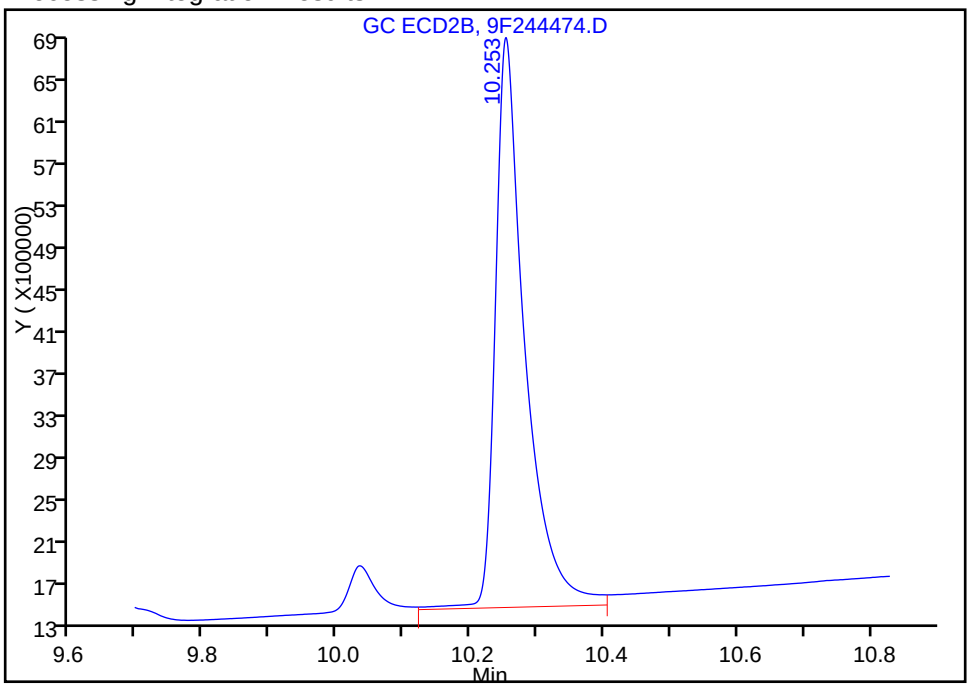
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244474.D		
Injection Date:	04-Oct-2016 13:54:39	Instrument ID:	CPESTGC9
Lims ID:	LCS 460-394112/2-A		
Client ID:			
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD2B

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

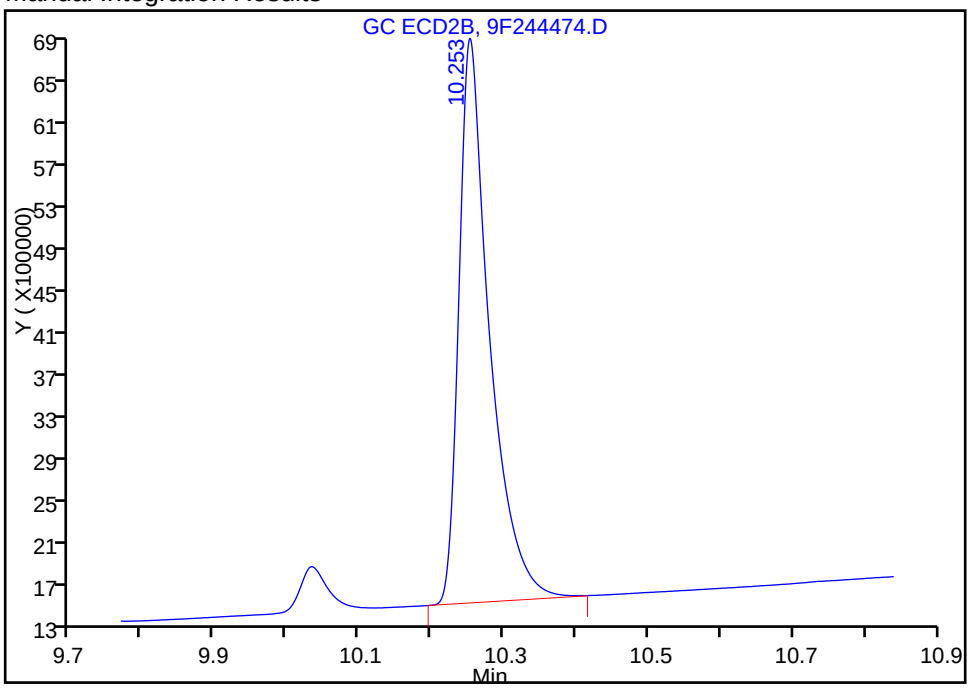
Processing Integration Results

RT: 10.25
Area: 16659587
Amount: 143.7365
Amount Units: ug/l



Manual Integration Results

RT: 10.25
Area: 15741411
Amount: 133.5614
Amount Units: ug/l



Reviewer: patelji, 04-Oct-2016 15:34:40

Audit Action: Manually Integrated Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

TestAmerica Edison

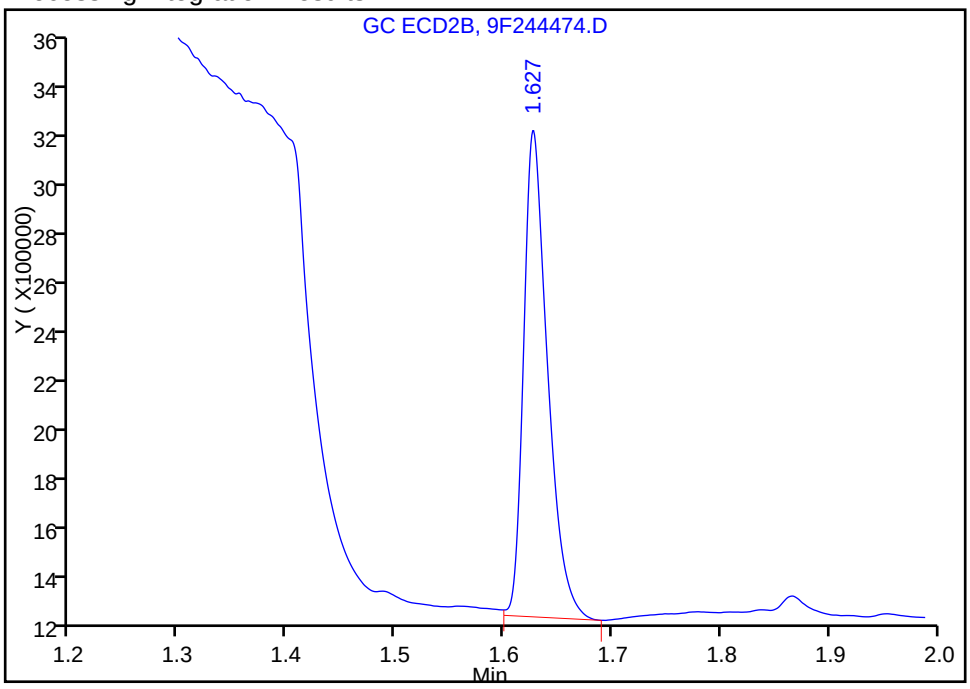
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244474.D				
Injection Date:	04-Oct-2016 13:54:39	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-394112/2-A				
Client ID:					
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

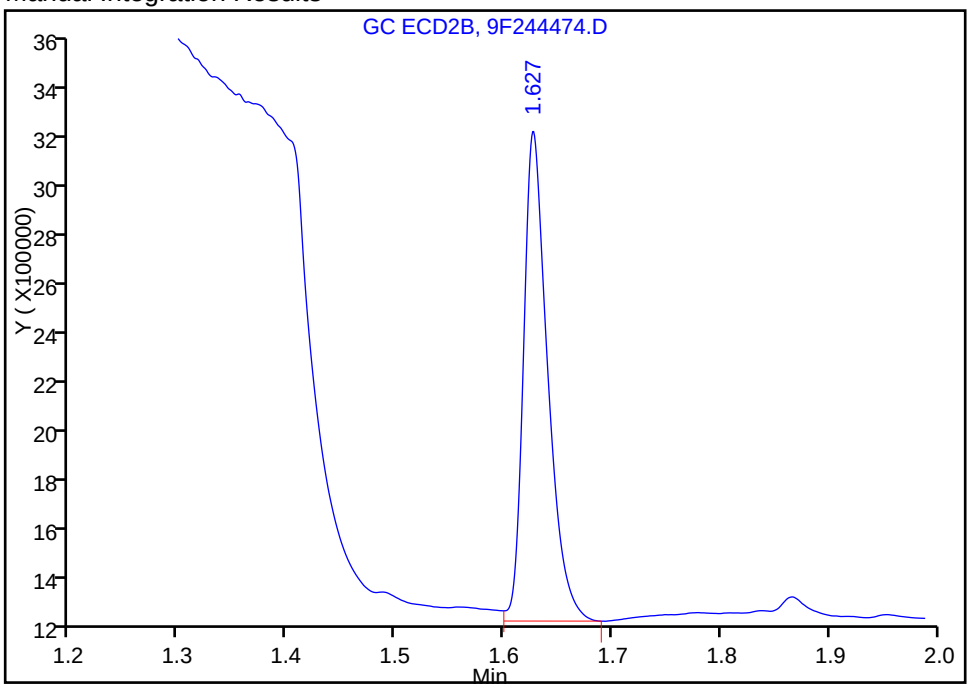
Processing Integration Results

RT: 1.63
Area: 2976968
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.63
Area: 3027190
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 04-Oct-2016 15:34:40
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-394112/3-A

Matrix: Water | Lab File ID: 9F244475.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 09/30/2016 20:30

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 14:11

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.: 394713 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*3.59*		*0.40*	*0.098*
11096-82-5	*Aroclor 1260*	*4.89*		*0.40*	*0.084*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	131		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244475.D
Lims ID: LCSD 460-394112/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 04-Oct-2016 14:11:30 ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046402-021
Operator ID: Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 04-Oct-2016 16:14:11 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK047

First Level Reviewer: patelji Date: 04-Oct-2016 15:15:35

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	1.946	1.946	0.000	1514481	20.0	20.0	
2	1.629	1.629	0.000	2773434	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	3.017	3.019	-0.002	5867524	100.0	76.6	
2	2.367	2.368	-0.001	12648769	100.0	95.3	
						RPD = 21.78	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.671	3.673	-0.002	1790451	1000.0	1023.0	
1	4.207	4.209	-0.002	3031741	1000.0	787.1	
1	4.794	4.795	-0.001	5405961	1000.0	836.7	
1	4.968	4.969	-0.001	2475129	1000.0	909.2	
1	5.231	5.233	-0.002	1290873	1000.0	888.8	
1	5.283	5.285	-0.002	1481799	1000.0	896.7	
1	5.575	5.577	-0.002	1938076	1000.0	936.3	
1	5.741	5.743	-0.002	2199654	1000.0	895.0	
		Average of Peak Amounts =				896.6	
2	2.780	2.780	0.000	3652964	1000.0	1131.4	
2	3.187	3.189	-0.002	8389566	1000.0	1323.0	
2	3.418	3.419	-0.001	4678807	1000.0	1176.6	M
2	3.728	3.730	-0.002	13002990	1000.0	1121.1	
2	3.886	3.887	-0.001	4709007	1000.0	1036.2	
2	3.957	3.958	-0.001	2983350	1000.0	1013.2	
2	4.375	4.376	-0.001	4398350	1000.0	1047.3	M
2	4.829	4.831	-0.002	2228950	1000.0	902.3	M
		Average of Peak Amounts =				1093.9	
						RPD = 19.82	
8 PCB-1260							M
1	7.282	7.284	-0.002	2132118	1000.0	1185.0	
1	7.571	7.573	-0.002	4685570	1000.0	1089.9	
1	7.977	7.979	-0.002	5340118	1000.0	1104.6	
1	8.903	8.905	-0.002	4057034	1000.0	1275.2	
1	9.533	9.536	-0.003	4005047	1000.0	1270.4	
1	9.932	9.934	-0.002	8572637	1000.0	1243.5	
1	10.373	10.375	-0.002	8161242	1000.0	1251.8	M
1	10.942	10.941	0.001	2479199	1000.0	1369.2	M
		Average of Peak Amounts =				1223.7	
2	5.867	5.869	-0.002	7521537	1000.0	1088.4	
2	6.668	6.670	-0.002	12171647	1000.0	1103.0	
2	6.855	6.857	-0.002	6780924	1000.0	1306.1	
2	7.257	7.259	-0.002	6886847	1000.0	1271.2	
2	7.820	7.822	-0.002	16559330	1000.0	1305.5	
2	8.352	8.355	-0.003	7884647	1000.0	1231.6	
2	8.527	8.529	-0.002	5127919	1000.0	1460.3	
2	9.640	9.643	-0.003	4710896	1000.0	1509.1	
		Average of Peak Amounts =				1284.4	
						RPD = 4.84	
$ 11 DCB Decachlorobiphenyl							M
1	11.426	11.424	0.002	9116386	100.0	131.0	M
2	10.253	10.254	-0.001	15833957	100.0	146.6	M
						RPD = 11.28	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 04-Oct-2016 16:14:23 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244475.D

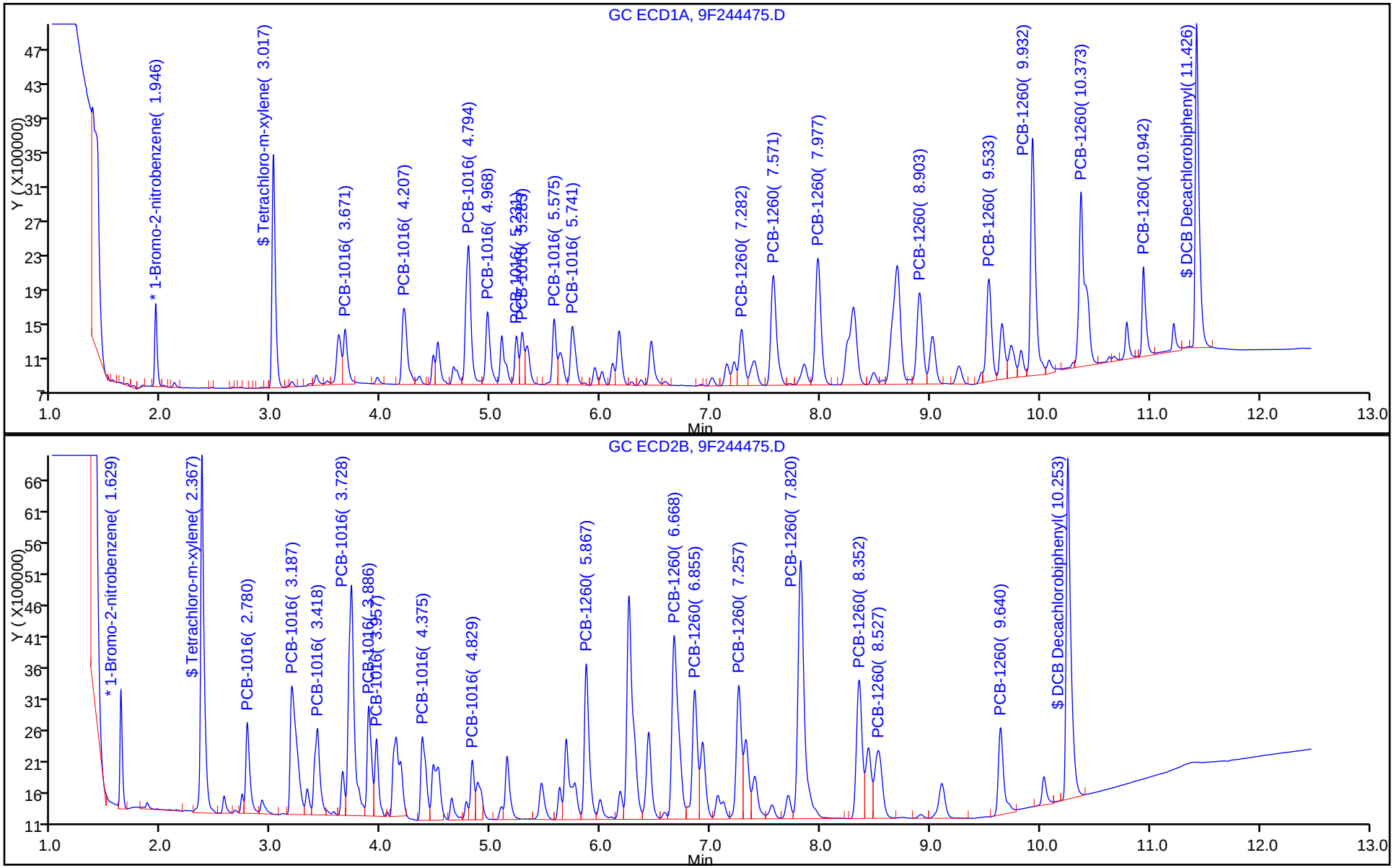
Injection Date: 04-Oct-2016 14:11:30 Instrument ID: CPESTGC9 Operator ID:

Lims ID: LCSD 460-394112/3-A Worklist Smp#: 21

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 21

Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD



Report Date: 04-Oct-2016 16:14:23 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244475.D

Injection Date: 04-Oct-2016 14:11:30 Instrument ID: CPESTGC9

Lims ID: LCSD 460-394112/3-A

Client ID:

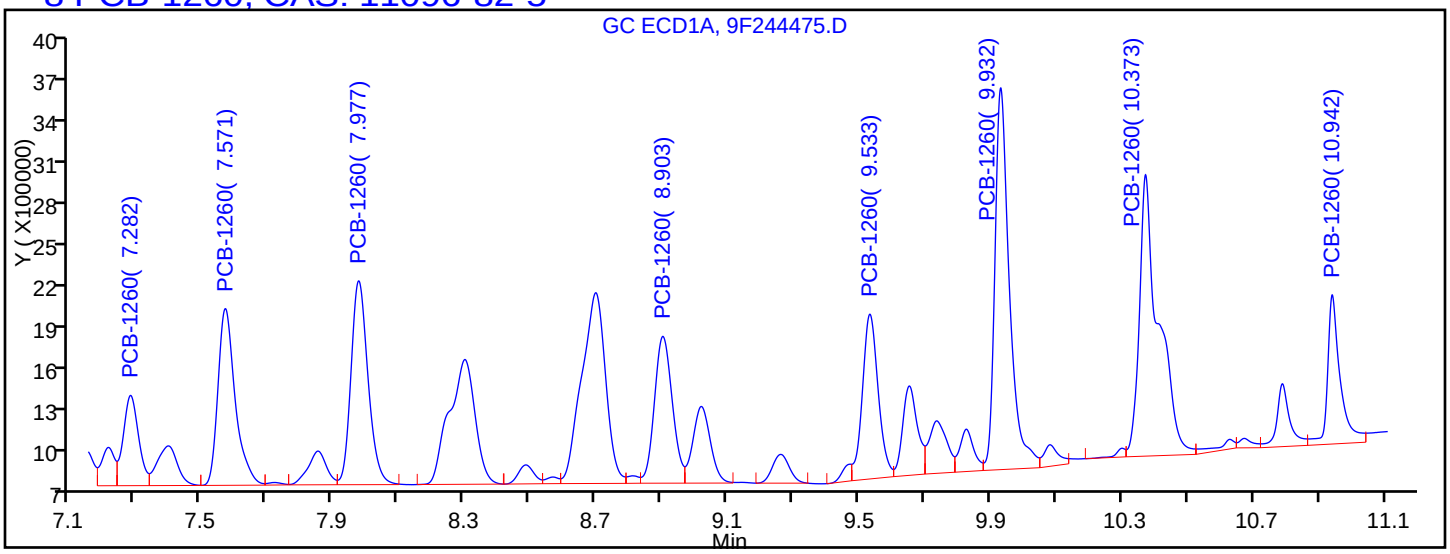
Operator ID: ALS Bottle#: 21 Worklist Smp#: 21

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD

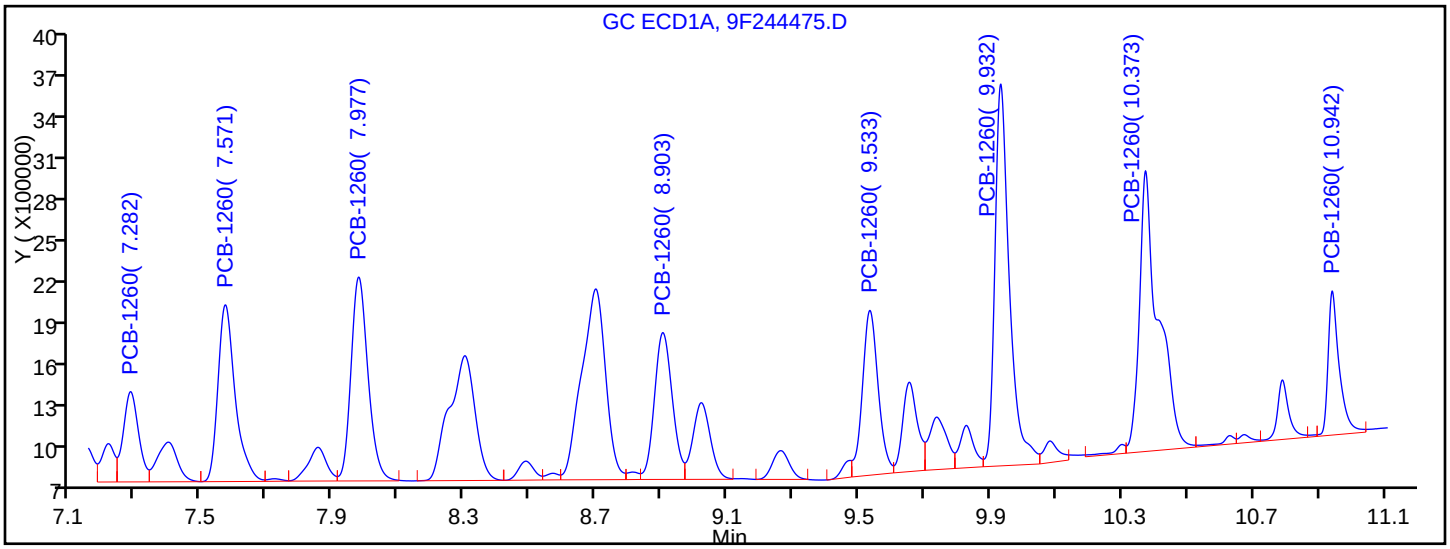
Column: Detector GC ECD1A

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

7.282	Response = 2132118
7.571	Response = 4685570
7.977	Response = 5340118
8.903	Response = 4057034
9.533	Response = 4005047
9.932	Response = 8572637
10.373	Response = 8319814
10.942	Response = 2915049



Manual Integration Results

7.282	Response = 2132118
7.571	Response = 4685570
7.977	Response = 5340118
8.903	Response = 4057034
9.533	Response = 4005047
9.932	Response = 8572637

Manual Integration/User Assign Peak Report

TestAmerica Edison

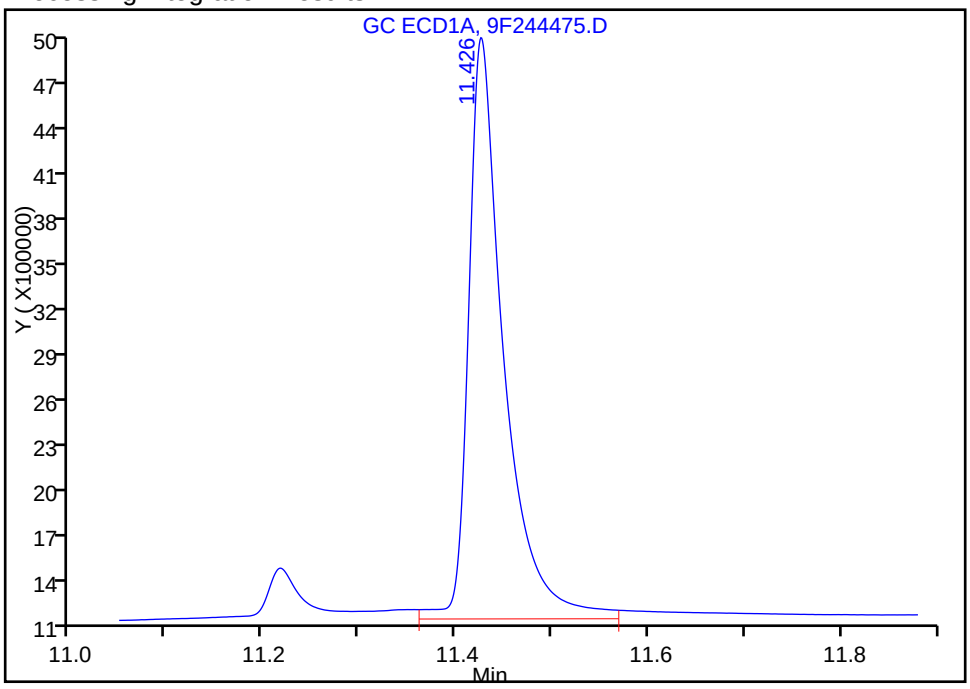
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244475.D		
Injection Date:	04-Oct-2016 14:11:30	Instrument ID:	CPESTGC9
Lims ID:	LCSD 460-394112/3-A		
Client ID:			
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD1A

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

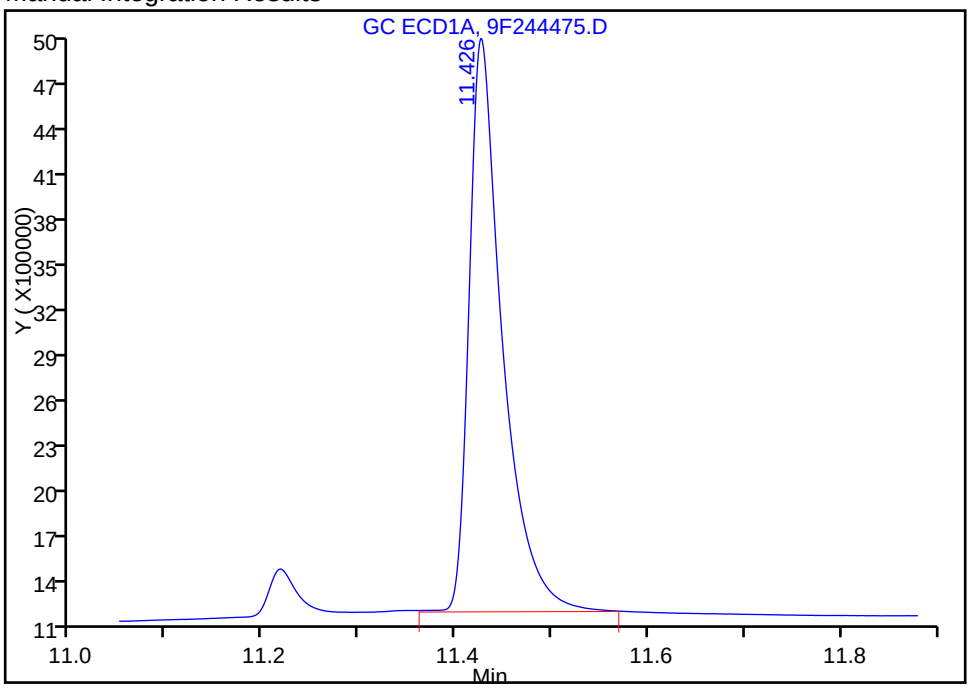
Processing Integration Results

RT: 11.43
Area: 9771835
Amount: 140.3981
Amount Units: ug/l



Manual Integration Results

RT: 11.43
Area: 9116386
Amount: 130.9809
Amount Units: ug/l



Reviewer: patelji, 04-Oct-2016 15:34:03

Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121138-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-394112/3-A

Matrix: Water | Lab File ID: 9F244475.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 09/30/2016 20:30

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 14:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394713 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	4.38		0.40	0.098
11096-82-5	Aroclor 1260	5.14		0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	147		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244475.D
Lims ID: LCSD 460-394112/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 04-Oct-2016 14:11:30 ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046402-021
Operator ID: Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 04-Oct-2016 16:14:11 Calib Date: 19-Sep-2016 19:14:11
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20160919-45767.b\9F243885.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK047

First Level Reviewer: patelji Date: 04-Oct-2016 15:15:35

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	1.946	1.946	0.000	1514481	20.0	20.0	
2	1.629	1.629	0.000	2773434	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	3.017	3.019	-0.002	5867524	100.0	76.6	
2	2.367	2.368	-0.001	12648769	100.0	95.3	
						RPD = 21.78	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.671	3.673	-0.002	1790451	1000.0	1023.0	
1	4.207	4.209	-0.002	3031741	1000.0	787.1	
1	4.794	4.795	-0.001	5405961	1000.0	836.7	
1	4.968	4.969	-0.001	2475129	1000.0	909.2	
1	5.231	5.233	-0.002	1290873	1000.0	888.8	
1	5.283	5.285	-0.002	1481799	1000.0	896.7	
1	5.575	5.577	-0.002	1938076	1000.0	936.3	
1	5.741	5.743	-0.002	2199654	1000.0	895.0	
		Average of Peak Amounts =				896.6	
2	2.780	2.780	0.000	3652964	1000.0	1131.4	
2	3.187	3.189	-0.002	8389566	1000.0	1323.0	
2	3.418	3.419	-0.001	4678807	1000.0	1176.6	M
2	3.728	3.730	-0.002	13002990	1000.0	1121.1	
2	3.886	3.887	-0.001	4709007	1000.0	1036.2	
2	3.957	3.958	-0.001	2983350	1000.0	1013.2	
2	4.375	4.376	-0.001	4398350	1000.0	1047.3	M
2	4.829	4.831	-0.002	2228950	1000.0	902.3	M
		Average of Peak Amounts =				1093.9	
						RPD = 19.82	
8 PCB-1260							M
1	7.282	7.284	-0.002	2132118	1000.0	1185.0	
1	7.571	7.573	-0.002	4685570	1000.0	1089.9	
1	7.977	7.979	-0.002	5340118	1000.0	1104.6	
1	8.903	8.905	-0.002	4057034	1000.0	1275.2	
1	9.533	9.536	-0.003	4005047	1000.0	1270.4	
1	9.932	9.934	-0.002	8572637	1000.0	1243.5	
1	10.373	10.375	-0.002	8161242	1000.0	1251.8	M
1	10.942	10.941	0.001	2479199	1000.0	1369.2	M
		Average of Peak Amounts =				1223.7	
2	5.867	5.869	-0.002	7521537	1000.0	1088.4	
2	6.668	6.670	-0.002	12171647	1000.0	1103.0	
2	6.855	6.857	-0.002	6780924	1000.0	1306.1	
2	7.257	7.259	-0.002	6886847	1000.0	1271.2	
2	7.820	7.822	-0.002	16559330	1000.0	1305.5	
2	8.352	8.355	-0.003	7884647	1000.0	1231.6	
2	8.527	8.529	-0.002	5127919	1000.0	1460.3	
2	9.640	9.643	-0.003	4710896	1000.0	1509.1	
		Average of Peak Amounts =				1284.4	
						RPD = 4.84	
$ 11 DCB Decachlorobiphenyl							M
1	11.426	11.424	0.002	9116386	100.0	131.0	M
2	10.253	10.254	-0.001	15833957	100.0	146.6	M
						RPD = 11.28	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 04-Oct-2016 16:14:23 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244475.D

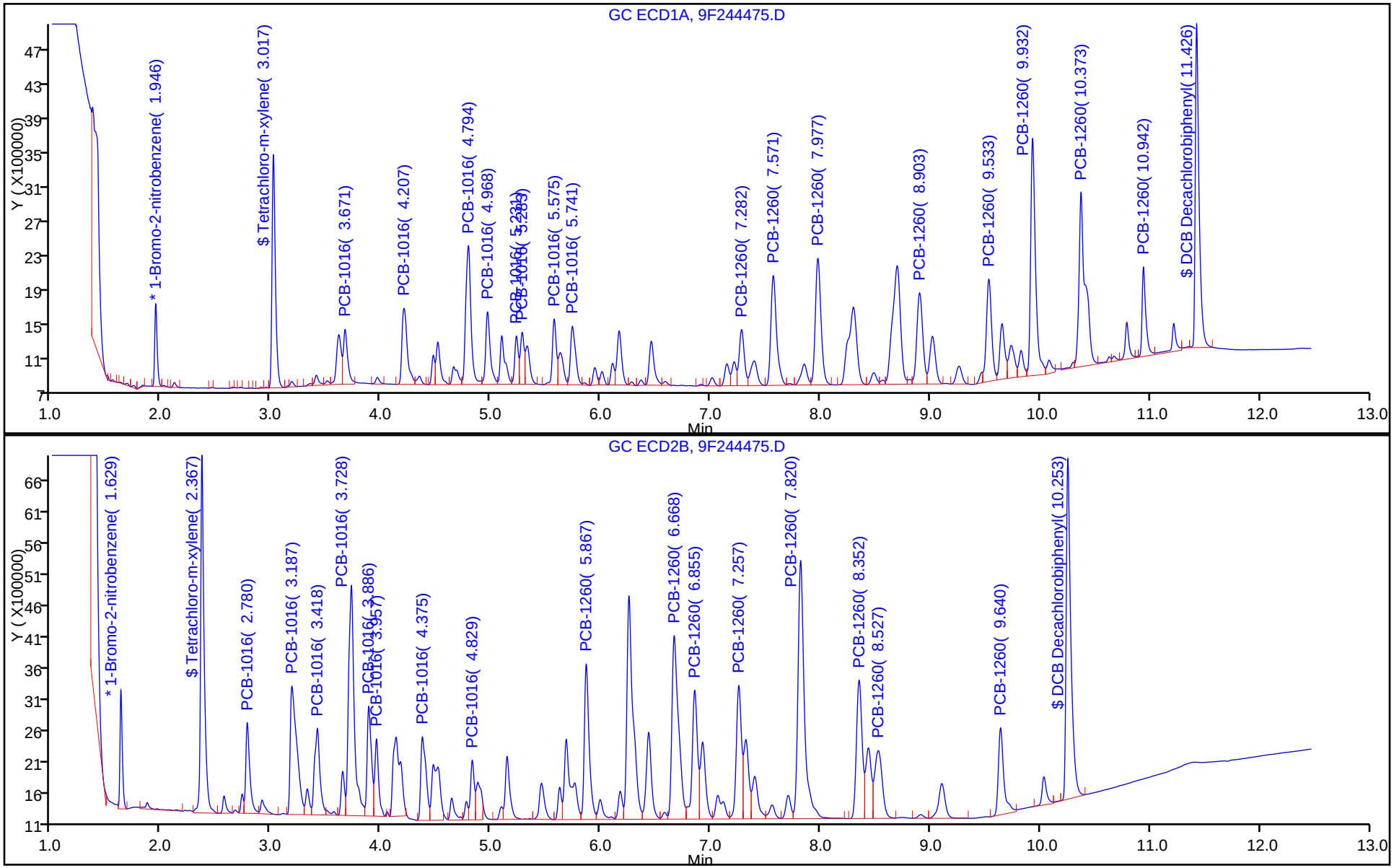
Injection Date: 04-Oct-2016 14:11:30 Instrument ID: CPESTGC9 Operator ID:

Lims ID: LCSD 460-394112/3-A Worklist Smp#: 21

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 21

Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD



Report Date: 04-Oct-2016 16:14:24 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244475.D

Injection Date: 04-Oct-2016 14:11:30 Instrument ID: CPESTGC9

Lims ID: LCSD 460-394112/3-A

Client ID:

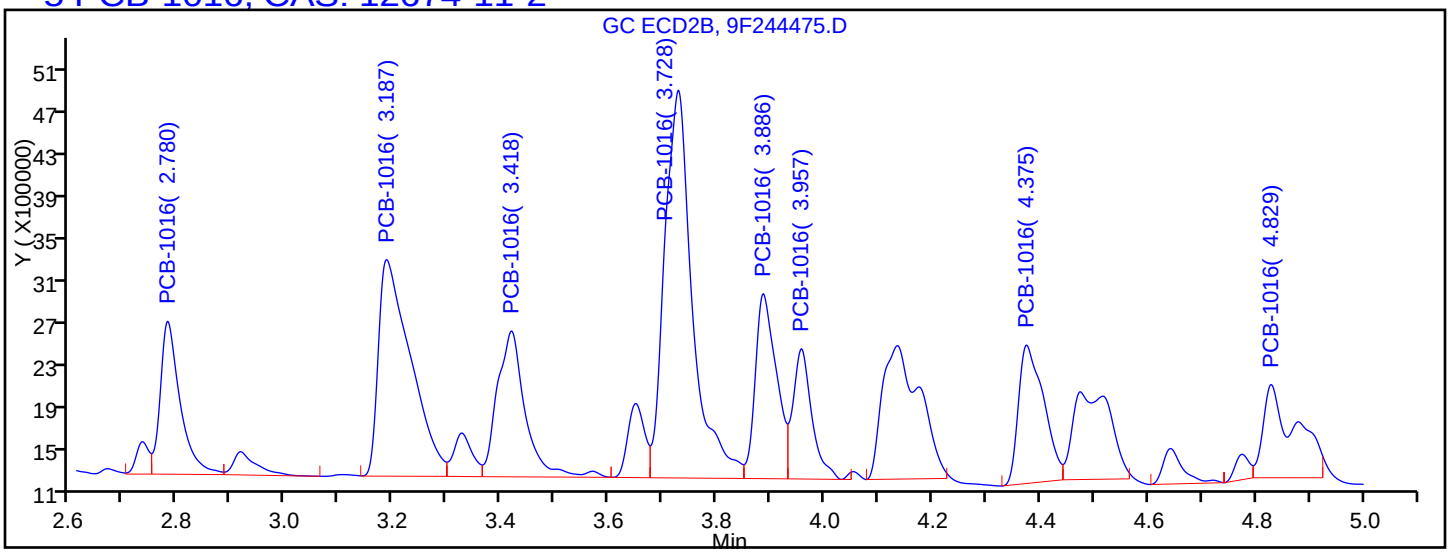
Operator ID: ALS Bottle#: 21 Worklist Smp#: 21

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD

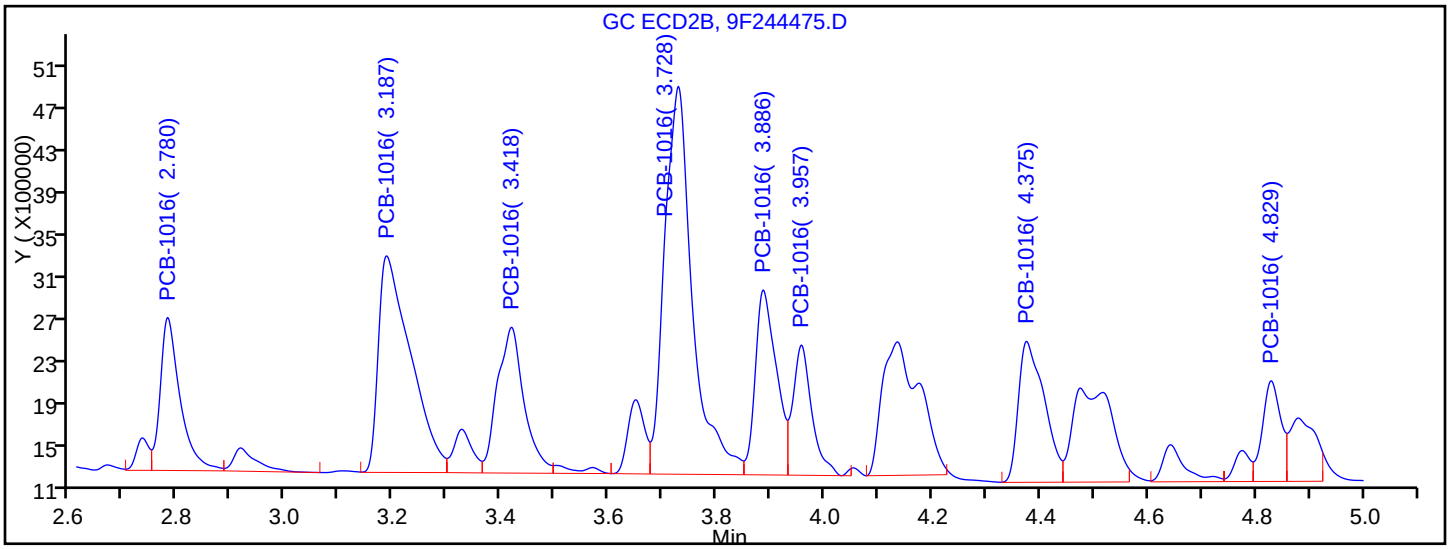
Column: Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.780	Response = 3652964
3.187	Response = 8389566
3.418	Response = 4926668
3.728	Response = 13002990
3.886	Response = 4709007
3.957	Response = 2983350
4.375	Response = 4198563
4.829	Response = 3644431



Manual Integration Results

2.780	Response = 3652964	
3.187	Response = 8389566	
3.418	Response = 4678807	M
3.728	Response = 13002990	
3.886	Response = 4709007	
3.957	Response = 2983350	

Manual Integration/User Assign Peak Report

TestAmerica Edison

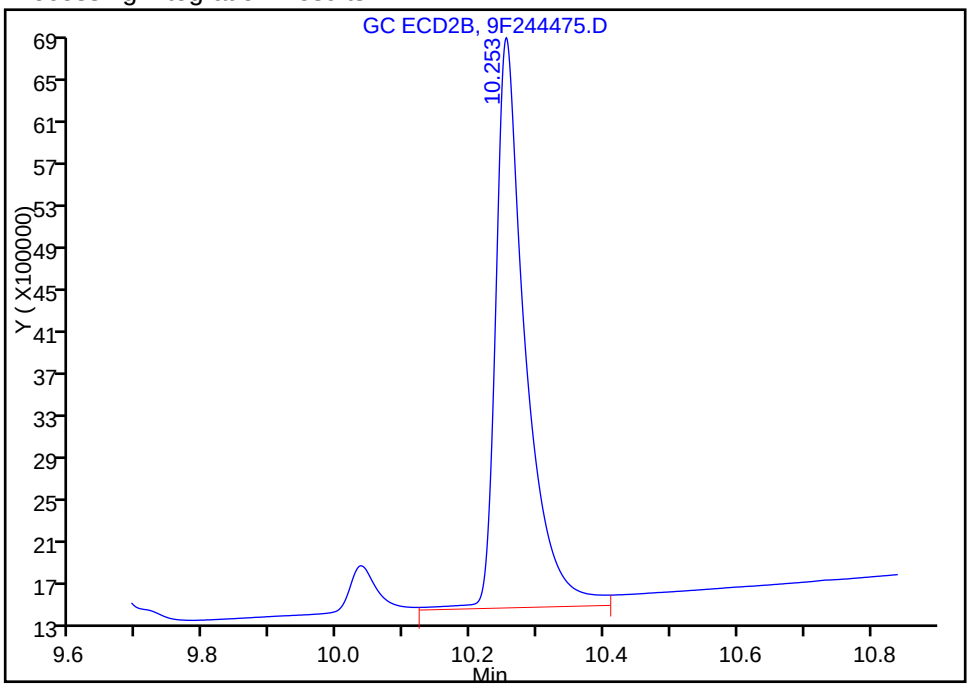
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244475.D		
Injection Date:	04-Oct-2016 14:11:30	Instrument ID:	CPESTGC9
Lims ID:	LCSD 460-394112/3-A		
Client ID:			
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD2B

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

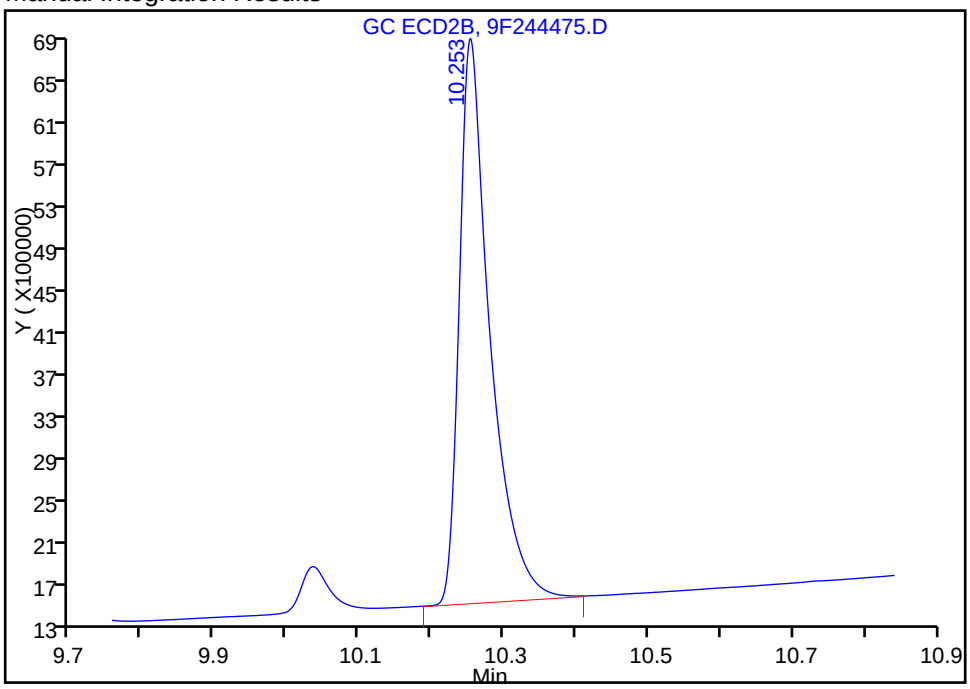
Processing Integration Results

RT: 10.25
Area: 16749120
Amount: 161.8744
Amount Units: ug/l



Manual Integration Results

RT: 10.25
Area: 15833957
Amount: 146.6387
Amount Units: ug/l



Reviewer: patelji, 04-Oct-2016 15:34:03

Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

TestAmerica Edison

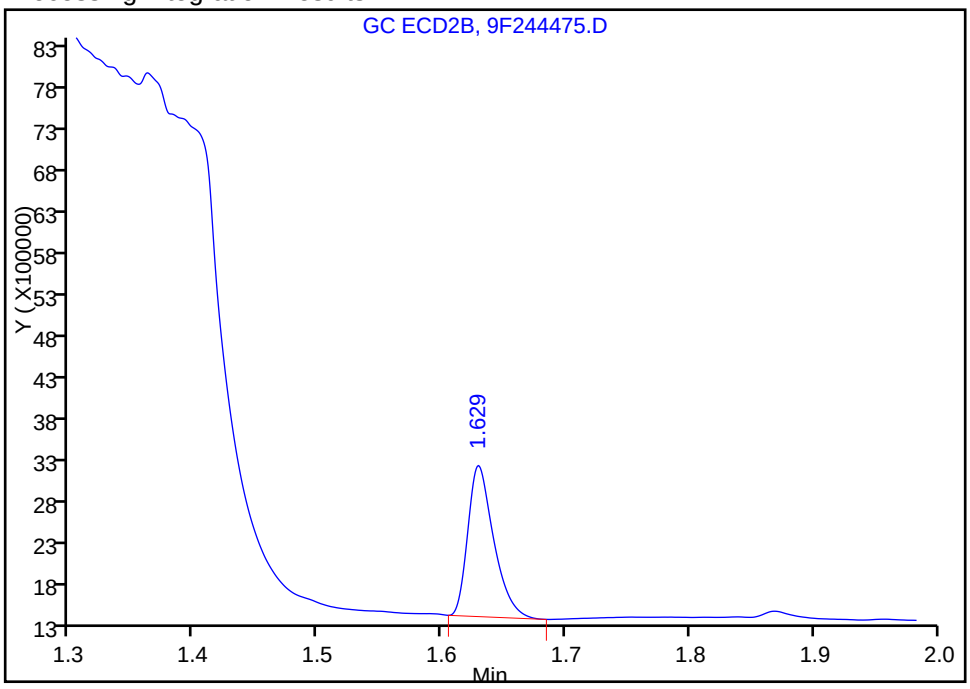
Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20161004-46402.b\9F244475.D		
Injection Date:	04-Oct-2016 14:11:30	Instrument ID:	CPESTGC9
Lims ID:	LCSD 460-394112/3-A		
Client ID:			
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD2B

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

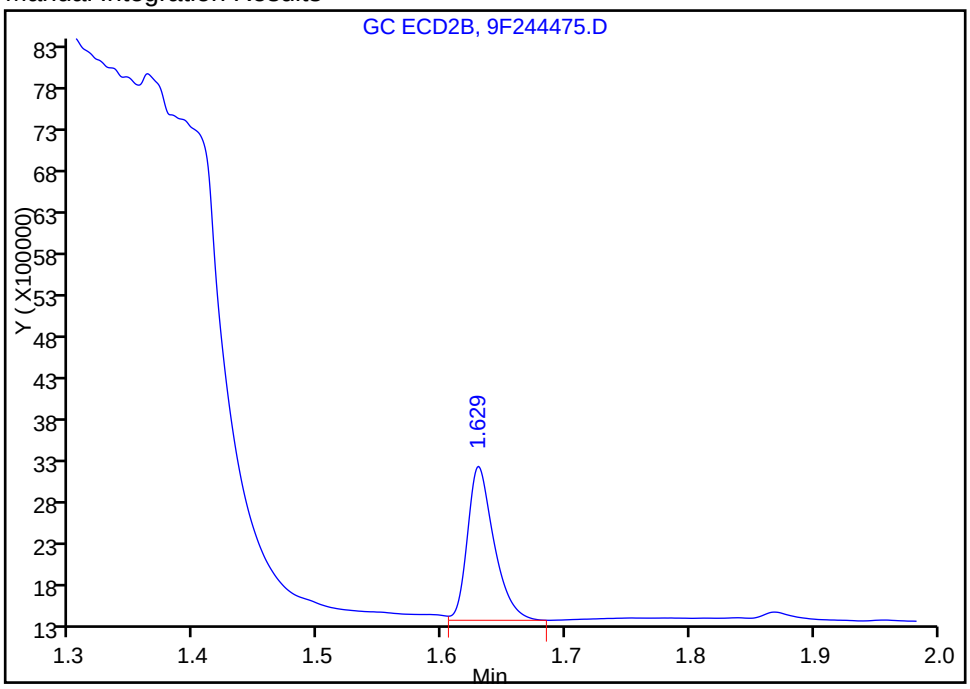
Processing Integration Results

RT: 1.63
Area: 2657608
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.63
Area: 2773434
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 04-Oct-2016 15:34:03
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Instrument ID: CPESTGC9 Start Date: 09/19/2016 15:35

Analysis Batch Number: 391485 End Date: 09/19/2016 19:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/19/2016 15:35	1		CLP-2 0.53(mm)
ZZZZZ		09/19/2016 15:35	1		Rtx-CLP 0.53(mm)
IC 460-391485/2		09/19/2016 15:51	1	9F243873.D	CLP-2 0.53(mm)
IC 460-391485/2		09/19/2016 15:51	1	9F243873.D	Rtx-CLP 0.53(mm)
IC 460-391485/3		09/19/2016 16:08	1	9F243874.D	CLP-2 0.53(mm)
IC 460-391485/3		09/19/2016 16:08	1	9F243874.D	Rtx-CLP 0.53(mm)
IC 460-391485/4 ICRT		09/19/2016 16:25	1	9F243875.D	CLP-2 0.53(mm)
IC 460-391485/4 ICRT		09/19/2016 16:25	1	9F243875.D	Rtx-CLP 0.53(mm)
IC 460-391485/5		09/19/2016 16:42	1	9F243876.D	CLP-2 0.53(mm)
IC 460-391485/5		09/19/2016 16:42	1	9F243876.D	Rtx-CLP 0.53(mm)
IC 460-391485/6		09/19/2016 16:59	1	9F243877.D	CLP-2 0.53(mm)
IC 460-391485/6		09/19/2016 16:59	1	9F243877.D	Rtx-CLP 0.53(mm)
ICV 460-391485/7		09/19/2016 17:16	1		CLP-2 0.53(mm)
ICV 460-391485/7		09/19/2016 17:16	1		Rtx-CLP 0.53(mm)
IC 460-391485/8		09/19/2016 17:33	1	9F243879.D	CLP-2 0.53(mm)
IC 460-391485/8		09/19/2016 17:33	1	9F243879.D	Rtx-CLP 0.53(mm)
IC 460-391485/9		09/19/2016 17:49	1	9F243880.D	CLP-2 0.53(mm)
IC 460-391485/9		09/19/2016 17:49	1	9F243880.D	Rtx-CLP 0.53(mm)
IC 460-391485/10		09/19/2016 18:06	1	9F243881.D	CLP-2 0.53(mm)
IC 460-391485/10		09/19/2016 18:06	1	9F243881.D	Rtx-CLP 0.53(mm)
IC 460-391485/11		09/19/2016 18:23	1	9F243882.D	CLP-2 0.53(mm)
IC 460-391485/11		09/19/2016 18:23	1	9F243882.D	Rtx-CLP 0.53(mm)
IC 460-391485/12		09/19/2016 18:40	1	9F243883.D	CLP-2 0.53(mm)
IC 460-391485/12		09/19/2016 18:40	1	9F243883.D	Rtx-CLP 0.53(mm)
IC 460-391485/13		09/19/2016 18:57	1	9F243884.D	CLP-2 0.53(mm)
IC 460-391485/13		09/19/2016 18:57	1	9F243884.D	Rtx-CLP 0.53(mm)
IC 460-391485/14		09/19/2016 19:14	1	9F243885.D	CLP-2 0.53(mm)
IC 460-391485/14		09/19/2016 19:14	1	9F243885.D	Rtx-CLP 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Instrument ID: CPESTGC9 Start Date: 10/04/2016 07:38

Analysis Batch Number: 394713 End Date: 10/04/2016 21:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/04/2016 07:38	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 07:38	1		Rtx-CLP 0.53(mm)
CCVIS 460-394713/2		10/04/2016 07:55	1		CLP-2 0.53(mm)
CCVIS 460-394713/2		10/04/2016 07:55	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 08:18	10		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 08:18	10		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 08:35	5		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 08:35	5		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 08:52	100		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 08:52	100		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 09:09	5		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 09:09	5		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 09:26	5		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 09:26	5		Rtx-CLP 0.53(mm)
CCV 460-394713/8		10/04/2016 09:45	1		CLP-2 0.53(mm)
CCV 460-394713/8		10/04/2016 09:45	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 10:11	5		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 10:11	5		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 10:28	5		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 10:28	5		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 10:44	5		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 10:44	5		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 11:01	5		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 11:01	5		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 11:18	5		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 11:18	5		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 11:35	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 11:35	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 12:09	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 12:09	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 12:26	2		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 12:26	2		Rtx-CLP 0.53(mm)
CCV 460-394713/17		10/04/2016 12:43	1		CLP-2 0.53(mm)
CCV 460-394713/17		10/04/2016 12:43	1		Rtx-CLP 0.53(mm)
CCVIS 460-394713/18		10/04/2016 13:07	1	9F244472.D	CLP-2 0.53(mm)
CCVIS 460-394713/18		10/04/2016 13:07	1	9F244472.D	Rtx-CLP 0.53(mm)
MB 460-394112/1-A		10/04/2016 13:37	1	9F244473.D	CLP-2 0.53(mm)
MB 460-394112/1-A		10/04/2016 13:37	1	9F244473.D	Rtx-CLP 0.53(mm)
LCS 460-394112/2-A		10/04/2016 13:54	1	9F244474.D	CLP-2 0.53(mm)
LCS 460-394112/2-A		10/04/2016 13:54	1	9F244474.D	Rtx-CLP 0.53(mm)
LCSD 460-394112/3-A		10/04/2016 14:11	1	9F244475.D	CLP-2 0.53(mm)
LCSD 460-394112/3-A		10/04/2016 14:11	1	9F244475.D	Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 14:28	2		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 14:28	2		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 14:45	1		CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Instrument ID: CPESTGC9 Start Date: 10/04/2016 07:38

Analysis Batch Number: 394713 End Date: 10/04/2016 21:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/04/2016 14:45	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 15:02	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 15:02	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 15:18	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 15:18	1		Rtx-CLP 0.53(mm)
460-121138-1		10/04/2016 15:40	1	9F244480.D	CLP-2 0.53(mm)
460-121138-1		10/04/2016 15:40	1	9F244480.D	Rtx-CLP 0.53(mm)
460-121138-2		10/04/2016 15:57	1	9F244481.D	CLP-2 0.53(mm)
460-121138-2		10/04/2016 15:57	1	9F244481.D	Rtx-CLP 0.53(mm)
460-121138-3		10/04/2016 16:14	1	9F244482.D	CLP-2 0.53(mm)
460-121138-3		10/04/2016 16:14	1	9F244482.D	Rtx-CLP 0.53(mm)
460-121138-4		10/04/2016 16:30	1	9F244483.D	CLP-2 0.53(mm)
460-121138-4		10/04/2016 16:30	1	9F244483.D	Rtx-CLP 0.53(mm)
460-121138-5		10/04/2016 16:47	1	9F244484.D	CLP-2 0.53(mm)
460-121138-5		10/04/2016 16:47	1	9F244484.D	Rtx-CLP 0.53(mm)
460-121138-6		10/04/2016 17:04	1	9F244485.D	CLP-2 0.53(mm)
460-121138-6		10/04/2016 17:04	1	9F244485.D	Rtx-CLP 0.53(mm)
460-121138-7		10/04/2016 17:21	1	9F244486.D	CLP-2 0.53(mm)
460-121138-7		10/04/2016 17:21	1	9F244486.D	Rtx-CLP 0.53(mm)
460-121138-8		10/04/2016 17:38	1	9F244487.D	CLP-2 0.53(mm)
460-121138-8		10/04/2016 17:38	1	9F244487.D	Rtx-CLP 0.53(mm)
460-121138-9		10/04/2016 17:55	1	9F244488.D	CLP-2 0.53(mm)
460-121138-9		10/04/2016 17:55	1	9F244488.D	Rtx-CLP 0.53(mm)
460-121138-10		10/04/2016 18:12	1	9F244489.D	CLP-2 0.53(mm)
460-121138-10		10/04/2016 18:12	1	9F244489.D	Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 18:28	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 18:28	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 18:45	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 18:45	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 19:02	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 19:02	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 19:19	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 19:19	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 19:36	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 19:36	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 19:53	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 19:53	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 20:10	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 20:10	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 20:26	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 20:26	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 20:43	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 20:43	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 21:00	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 21:00	1		Rtx-CLP 0.53(mm)

8082A

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Batch Number: 394112 Batch Start Date: 09/30/16 20:30 Batch Analyst: Rivera, Rene A

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	OP_PCB SP_LVI 00010	OPPSPCBSU_LVI 00011	
MB 460-394112/1		3510C, 8082A		7 SU	250 mL	1 mL		50 uL	
LCS 460-394112/2		3510C, 8082A		7 SU	250 mL	1 mL	50 uL	50 uL	
LCSD 460-394112/3		3510C, 8082A		7 SU	250 mL	1 mL	50 uL	50 uL	
460-121138-F-1	MW-15	3510C, 8082A	T	5 SU	250 mL	1 mL		50 uL	
460-121138-G-2	MW-10	3510C, 8082A	T	5 SU	250 mL	1 mL		50 uL	
460-121138-E-3	MW-15D	3510C, 8082A	T	5 SU	250 mL	1 mL		50 uL	
460-121138-F-4	MW-21	3510C, 8082A	T	5 SU	250 mL	1 mL		50 uL	
460-121138-D-5	MW-20	3510C, 8082A	T	5 SU	250 mL	1 mL		50 uL	
460-121138-D-6	MW-6	3510C, 8082A	T	5 SU	250 mL	1 mL		50 uL	
460-121138-E-7	MW-6 Filtered	3510C, 8082A	T	5 SU	250 mL	1 mL		50 uL	
460-121138-F-8	MW-3D	3510C, 8082A	T	5 SU	250 mL	1 mL		50 uL	
460-121138-E-9	FB-20160928	3510C, 8082A	T	5 SU	250 mL	1 mL		50 uL	
460-121138-G-10	DUP-20160928	3510C, 8082A	T	5 SU	250 mL	1 mL		50 uL	

Batch Notes	
Batch Comment	8082 PCB LVI
Analyst ID - Concentration	RAR
Exchange Solvent ID	144869
Exchange Solvent Name	Hexane
N-evap ID	222299
N-evap Temperature	35 Celsius
Na2SO4 ID	144042
Prep Solvent ID	151768
Prep Solvent Name	MECL2
Prep Solvent Volume Used	60 mL
Person's name who did the prep	RAR
Analyst ID - Spike Analyst	RAR
Sufficient volume for MS/MSD?	Yes
Uncorrected N-evap Temperature	35 Celsius

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.: 460-121138-1

SDG No.:

Batch Number: 394112 Batch Start Date: 09/30/16 20:30 Batch Analyst: Rivera, Rene A

Batch Method: 3510C 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.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-121138-1

SDG No.:

Project: McCandless

Client Sample ID	Lab Sample ID
MW-15	460-121138-1
MW-10	460-121138-2
MW-15D	460-121138-3
MW-21	460-121138-4
MW-20	460-121138-5
MW-6	460-121138-6
MW-6 Filtered	460-121138-7
MW-3D	460-121138-8
FB-20160928	460-121138-9
DUP-20160928	460-121138-10

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-15 Lab Sample ID: 460-121138-1

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG ID.:

Matrix: Water Date Sampled: 09/28/2016 10:00

Reporting Basis: WET Date Received: 09/28/2016 20:15

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Total Dissolved Solids	181	10.0	10.0	mg/L			1	SM 2540C
	Total Suspended Solids	52.8	2.0	2.0	mg/L			1	SM 2540D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-10 Lab Sample ID: 460-121138-2

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG ID.:

Matrix: Water Date Sampled: 09/28/2016 10:45

Reporting Basis: WET Date Received: 09/28/2016 20:15

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Total Dissolved Solids	124	10.0	10.0	mg/L			1	SM 2540C
	Total Suspended Solids	3.1	1.0	1.0	mg/L			1	SM 2540D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-15D
Lab Sample ID: 460-121138-3
Lab Name: TestAmerica Edison
Job No.: 460-121138-1
SDG ID.:
Matrix: Water
Date Sampled: 09/28/2016 11:30
Reporting Basis: WET
Date Received: 09/28/2016 20:15

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Total Dissolved Solids	171	10.0	10.0	mg/L			1	SM 2540C
	Total Suspended Solids	94.4	4.0	4.0	mg/L			1	SM 2540D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-21 Lab Sample ID: 460-121138-4

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG ID.:

Matrix: Water Date Sampled: 09/28/2016 13:40

Reporting Basis: WET Date Received: 09/28/2016 20:15

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Total Dissolved Solids	97.0	10.0	10.0	mg/L			1	SM 2540C
	Total Suspended Solids	1.0	1.0	1.0	mg/L	U		1	SM 2540D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-20 Lab Sample ID: 460-121138-5

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG ID.:

Matrix: Water Date Sampled: 09/28/2016 13:45

Reporting Basis: WET Date Received: 09/28/2016 20:15

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Total Dissolved Solids	105	10.0	10.0	mg/L			1	SM 2540C
	Total Suspended Solids	30.0	3.3	3.3	mg/L			1	SM 2540D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-6 Lab Sample ID: 460-121138-6

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG ID.:

Matrix: Water Date Sampled: 09/28/2016 15:15

Reporting Basis: WET Date Received: 09/28/2016 20:15

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Total Dissolved Solids	42.0	10.0	10.0	mg/L			1	SM 2540C
	Total Suspended Solids	2.4	1.0	1.0	mg/L			1	SM 2540D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-6 Filtered
Lab Sample ID: 460-121138-7
Lab Name: TestAmerica Edison
Job No.: 460-121138-1
SDG ID.:
Matrix: Water
Date Sampled: 09/28/2016 15:25
Reporting Basis: WET
Date Received: 09/28/2016 20:15

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Total Dissolved Solids	54.0	10.0	10.0	mg/L			1	SM 2540C
	Total Suspended Solids	1.0	1.0	1.0	mg/L	U		1	SM 2540D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-3D
Lab Sample ID: 460-121138-8
Lab Name: TestAmerica Edison
Job No.: 460-121138-1
SDG ID.:
Matrix: Water
Date Sampled: 09/28/2016 15:20
Reporting Basis: WET
Date Received: 09/28/2016 20:15

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Total Dissolved Solids	77.0	10.0	10.0	mg/L			1	SM 2540C
	Total Suspended Solids	3.4	1.0	1.0	mg/L			1	SM 2540D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: FB-20160928 Lab Sample ID: 460-121138-9

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG ID.:

Matrix: Water Date Sampled: 09/28/2016 16:25

Reporting Basis: WET Date Received: 09/28/2016 20:15

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Total Dissolved Solids	10.0	10.0	10.0	mg/L	U		1	SM 2540C
	Total Suspended Solids	1.0	1.0	1.0	mg/L	U		1	SM 2540D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: DUP-20160928 Lab Sample ID: 460-121138-10

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG ID.:

Matrix: Water Date Sampled: 09/28/2016 00:00

Reporting Basis: WET Date Received: 09/28/2016 20:15

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Total Dissolved Solids	204	10.0	10.0	mg/L			1	SM 2540C
	Total Suspended Solids	152	4.0	4.0	mg/L			1	SM 2540D

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 394569	Date: 10/03/2016 14:29						
SM 2540C	MB 460-394569/1	Total Dissolved Solids	10.0	U	mg/L	10.0	1
Batch ID: 394840	Date: 10/04/2016 13:46						
SM 2540C	MB 460-394840/1	Total Dissolved Solids	10.0	U	mg/L	10.0	1
Batch ID: 394488	Date: 10/03/2016 08:34						
SM 2540D	MB 460-394488/1	Total Suspended Solids	1.0	U	mg/L	1.0	1
Batch ID: 394501	Date: 10/03/2016 09:39						
SM 2540D	MB 460-394501/1	Total Suspended Solids	1.0	U	mg/L	1.0	1

6-IN
DUPLICATE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Matrix: Water

Method	Client Sample ID	Lab Sample ID	Analyte	Result	Unit	RPD	RPD Limit	Qual
Batch ID: 394569	Date: 10/03/2016 14:29							
SM 2540C		460-121155-I-1	Total Dissolved Solids	876	mg/L			
SM 2540C		460-121155-I-1 DU	Total Dissolved Solids	864.0	mg/L	1	5	
Batch ID: 394569	Date: 10/03/2016 14:29							
SM 2540C		460-121155-I-2	Total Dissolved Solids	1410	mg/L			
SM 2540C		460-121155-I-2 DU	Total Dissolved Solids	1348	mg/L	4	5	
Batch ID: 394840	Date: 10/04/2016 13:46							
SM 2540C		460-121204-D-1	Total Dissolved Solids	856	mg/L			
SM 2540C		460-121204-D-1 DU	Total Dissolved Solids	860.0	mg/L	0.5	5	
Batch ID: 394488	Date: 10/03/2016 08:34							
SM 2540D		460-121029-C-1	Total Suspended Solids	280	mg/L			
SM 2540D		460-121029-C-1 DU	Total Suspended Solids	280.0	mg/L	0	5	
Batch ID: 394501	Date: 10/03/2016 09:39							
SM 2540D		460-121026-B-3	Total Suspended Solids	104	mg/L			
SM 2540D		460-121026-B-3 DU	Total Suspended Solids	110.0	mg/L	6	5	F3

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

FORM VI-IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 394569	Date: 10/03/2016 14:29										
						LCS Source: WTtdsLCS_00091					
SM 2540C	LCSSRM 460-394569/2	Total Dissolved Solids	254.0		mg/L	274	92.7	84.3-10 9.9			
Batch ID: 394840	Date: 10/04/2016 13:46										
						LCS Source: WTtdsLCS_00091					
SM 2540C	LCSSRM 460-394840/2	Total Dissolved Solids	296.0		mg/L	274	108.0	84.3-10 9.9			
Batch ID: 394488	Date: 10/03/2016 08:34										
						LCS Source: WTtssLCS_00064					
SM 2540D	LCSSRM 460-394488/2	Total Suspended Solids	68.00		mg/L	79.0	86.1	82.7-10 7.0			
Batch ID: 394501	Date: 10/03/2016 09:39										
						LCS Source: WTtssLCS_00064					
SM 2540D	LCSSRM 460-394501/2	Total Suspended Solids	78.00		mg/L	79.0	98.7	82.7-10 7.0			

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

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-121138-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SM 2540C MDL Date: 02/11/2014 10:19

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Total Dissolved Solids		10	10

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-121138-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SM 2540C XMDL Date: 02/11/2014 10:55

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Total Dissolved Solids		10	10

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-121138-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SM 2540D MDL Date: 02/11/2014 10:20

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Total Suspended Solids		10	10

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-121138-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SM 2540D XMDL Date: 02/11/2014 10:55

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Total Suspended Solids		10	10

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Instrument ID: NOEQUIP Method: SM 2540C

Start Date: 10/03/2016 14:29 End Date: 10/03/2016 14:29

Lab Sample ID	D / F	Type	Time	Analytes																			
				TDS																			
MB 460-394569/1	1	T	14:29	X																			
LCSSRM 460-394569/2	1	T	14:29	X																			
ZZZZZZ			14:29																				
460-121155-I-1 DU	1	T	14:29	X																			
ZZZZZZ			14:29																				
ZZZZZZ			14:29																				
ZZZZZZ			14:29																				
ZZZZZZ			14:29																				
ZZZZZZ			14:29																				
ZZZZZZ			14:29																				
ZZZZZZ			14:29																				
460-121138-1	1	T	14:29	X																			
460-121138-2	1	T	14:29	X																			
ZZZZZZ			14:29																				
460-121155-I-2 DU	1	T	14:29	X																			
460-121138-3	1	T	14:29	X																			
460-121138-4	1	T	14:29	X																			
460-121138-5	1	T	14:29	X																			
460-121138-6	1	T	14:29	X																			
460-121138-7	1	T	14:29	X																			
460-121138-8	1	T	14:29	X																			
460-121138-10	1	T	14:29	X																			
ZZZZZZ			14:29																				
ZZZZZZ			14:29																				

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Instrument ID: NOEQUIP Method: SM 2540C

Start Date: 10/04/2016 13:46 End Date: 10/04/2016 13:46

Lab Sample ID	D/F	Type	Time	Analytes																			
				TDS																			
MB 460-394840/1	1	T	13:46	X																			
LCSSRM 460-394840/2	1	T	13:46	X																			
ZZZZZZ			13:46																				
460-121204-D-1 DU	1	T	13:46	X																			
460-121138-9	1	T	13:46	X																			
ZZZZZZ			13:46																				
ZZZZZZ			13:46																				
ZZZZZZ			13:46																				
ZZZZZZ			13:46																				
ZZZZZZ			13:46																				
ZZZZZZ			13:46																				
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ZZZZZZ			13:46																				
ZZZZZZ			13:46																				
ZZZZZZ			13:46																				
ZZZZZZ			13:46																				

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison   Job No.: 460-121138-1

SDG No.:

Instrument ID: NOEQUIP   Method: SM 2540D

Start Date: 10/03/2016 08:34   End Date: 10/03/2016 08:34

Lab Sample ID	D/F	Type	Time	Analytes																			
				TSS																			
MB 460-394488/1	1	T	08:34	X																			
LCSSRM 460-394488/2	1	T	08:34	X																			
ZZZZZZ			08:34																				
ZZZZZZ			08:34																				
ZZZZZZ			08:34																				
ZZZZZZ			08:34																				
ZZZZZZ			08:34																				
ZZZZZZ			08:34																				
ZZZZZZ			08:34																				
ZZZZZZ			08:34																				
ZZZZZZ			08:34																				
ZZZZZZ			08:34																				
ZZZZZZ			08:34																				
460-121029-C-1 DU	1	T	08:34	X																			
ZZZZZZ			08:34																				
460-121138-1	1	T	08:34	X																			
460-121138-2	1	T	08:34	X																			
460-121138-3	1	T	08:34	X																			
460-121138-4	1	T	08:34	X																			
460-121138-5	1	T	08:34	X																			
460-121138-6	1	T	08:34	X																			
460-121138-7	1	T	08:34	X																			
460-121138-8	1	T	08:34	X																			
460-121138-9	1	T	08:34	X																			

Prep Types

T = Total/NA

ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison   Job No.: 460-121138-1

SDG No.:

Instrument ID: NOEQUIP   Method: SM 2540D

Start Date: 10/03/2016 09:39   End Date: 10/03/2016 09:39

Lab Sample ID	D/F	Type	Time	Analytes																			
				TSS																			
MB 460-394501/1	1	T	09:39	X																			
LCSSRM 460-394501/2	1	T	09:39	X																			
ZZZZZZ			09:39																				
460-121026-B-3 DU	1	T	09:39	X																			
460-121138-10	1	T	09:39	X																			
ZZZZZZ			09:39																				
ZZZZZZ			09:39																				
ZZZZZZ			09:39																				
ZZZZZZ			09:39																				
ZZZZZZ			09:39																				
ZZZZZZ			09:39																				
ZZZZZZ			09:39																				
ZZZZZZ			09:39																				

Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Batch Number: 394569 Batch Start Date: 10/03/16 14:29 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540C Batch End Date: 10/04/16 15:44

Lab Sample ID	Client Sample ID	Method Chain	Basis	Conductivity	CrucibleID	InitialAmount	TareWeight	Weight1	Weight2
MB 460-394569/1		SM 2540C			F5	100 mL	65.5790 g	65.5793 g	65.5790 g
LCSSRM 460-394569/2		SM 2540C			E4	50 mL	65.1953 g	65.2080 g	65.2082 g
460-121155-I-1 DU		SM 2540C	T		M	25 mL	29.1631 g	29.1849 g	29.1847 g
460-121138-H-1	MW-15	SM 2540C	T	301 umhos/cm	E3	100 mL	66.7545 g	66.7738 g	66.7725 g
460-121138-H-2	MW-10	SM 2540C	T	213 umhos/cm	PK	100 mL	71.3166 g	71.3293 g	71.3290 g
460-121155-I-2 DU		SM 2540C	T		F3	25 mL	64.9419 g	64.9770 g	64.9758 g
460-121138-H-3	MW-15D	SM 2540C	T	203 umhos/cm	BK	100 mL	66.8883 g	66.9079 g	66.9054 g
460-121138-H-4	MW-21	SM 2540C	T	157 umhos/cm	DT	100 mL	65.6174 g	65.6298 g	65.6271 g
460-121138-H-5	MW-20	SM 2540C	T	153 umhos/cm	E	100 mL	67.4881 g	67.4993 g	67.4986 g
460-121138-H-6	MW-6	SM 2540C	T	78.8 umhos/cm	BC	100 mL	63.5668 g	63.5717 g	63.5710 g
460-121138-H-7	MW-6 Filtered	SM 2540C	T	69.2 umhos/cm	F6	100 mL	64.7888 g	64.7943 g	64.7942 g
460-121138-H-8	MW-3D	SM 2540C	T	138 umhos/cm	QY	100 mL	65.1115 g	65.1196 g	65.1192 g
460-121138-H-10	DUP-20160928	SM 2540C	T	292 umhos/cm	BM	100 mL	65.8016 g	65.8224 g	65.8220 g

Lab Sample ID	Client Sample ID	Method Chain	Basis	Weight3	WeightOne%Diff	WeightTwo%Diff	Weight4OK	Residue	Residue2
MB 460-394569/1		SM 2540C		65.5788 g	Pass No Unit	Pass No Unit	N/A	0.0003 g	0 g
LCSSRM 460-394569/2		SM 2540C		65.2080 g	Pass No Unit	Pass No Unit	N/A	0.0127 g	0.0129 g
460-121155-I-1 DU		SM 2540C	T	0 g	Pass No Unit	N/A No Unit	N/A	0.0218 g	0.0216 g
460-121138-H-1	MW-15	SM 2540C	T	66.7726 g	Fail >0.5mg No Unit	Pass No Unit	N/A	0.0193 g	0.018 g
460-121138-H-2	MW-10	SM 2540C	T	0 g	Pass No Unit	N/A No Unit	N/A	0.0127 g	0.0124 g
460-121155-I-2 DU		SM 2540C	T	64.9756 g	Fail >0.5mg No Unit	Pass No Unit	N/A	0.0351 g	0.0339 g
460-121138-H-3	MW-15D	SM 2540C	T	66.9054 g	Fail >0.5mg No Unit	Pass No Unit	N/A	0.0196 g	0.0171 g
460-121138-H-4	MW-21	SM 2540C	T	65.6271 g	Fail >0.5mg No Unit	Pass No Unit	N/A	0.0124 g	0.0097 g
460-121138-H-5	MW-20	SM 2540C	T	67.4986 g	Fail >0.5mg No Unit	Pass No Unit	N/A	0.0112 g	0.0105 g
460-121138-H-6	MW-6	SM 2540C	T	63.5710 g	Fail >0.5mg No Unit	Pass No Unit	N/A	0.0049 g	0.0042 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.: 460-121138-1

SDG No.:

Batch Number: 394569 Batch Start Date: 10/03/16 14:29 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540C Batch End Date: 10/04/16 15:44

Lab Sample ID	Client Sample ID	Method Chain	Basis	Weight3	WeightOne%Diff	WeightTwo%Diff	Weight4OK	Residue	Residue2
460-121138-H-7	MW-6 Filtered	SM 2540C	T	0 g	Pass No Unit	N/A No Unit	N/A	0.0055 g	0.0054 g
460-121138-H-8	MW-3D	SM 2540C	T	0 g	Pass No Unit	N/A No Unit	N/A	0.0081 g	0.0077 g
460-121138-H-10	DUP-20160928	SM 2540C	T	0 g	Pass No Unit	N/A No Unit	N/A	0.0208 g	0.0204 g

Lab Sample ID	Client Sample ID	Method Chain	Basis	Residue3	Residue4	FinalAmount	CalcMsg	WTtdsLCS 00091	
MB 460-394569/1		SM 2540C		-0.0002 g	N/A g	100 mL	OK		
LCSSRM 460-394569/2		SM 2540C		0.0127 g	N/A g	100 mL	OK	50 mL	
460-121155-I-1 DU		SM 2540C	T	N/A g	N/A g	100 mL	OK		
460-121138-H-1	MW-15	SM 2540C	T	0.0181 g	N/A g	100 mL	OK		
460-121138-H-2	MW-10	SM 2540C	T	N/A g	N/A g	100 mL	OK		
460-121155-I-2 DU		SM 2540C	T	0.0337 g	N/A g	100 mL	OK		
460-121138-H-3	MW-15D	SM 2540C	T	0.0171 g	N/A g	100 mL	OK		
460-121138-H-4	MW-21	SM 2540C	T	0.0097 g	N/A g	100 mL	OK		
460-121138-H-5	MW-20	SM 2540C	T	0.0105 g	N/A g	100 mL	OK		
460-121138-H-6	MW-6	SM 2540C	T	0.0042 g	N/A g	100 mL	OK		
460-121138-H-7	MW-6 Filtered	SM 2540C	T	N/A g	N/A g	100 mL	OK		
460-121138-H-8	MW-3D	SM 2540C	T	N/A g	N/A g	100 mL	OK		
460-121138-H-10	DUP-20160928	SM 2540C	T	N/A g	N/A g	100 mL	OK		

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.: 460-121138-1

SDG No.:

Batch Number: 394569 Batch Start Date: 10/03/16 14:29 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540C Batch End Date: 10/04/16 15:44

Batch Notes	
Balance ID	27
Constant Weight (WT2) Date/Time In	10-4-16@9:01
Constant Weight (WT2) Date/Time Out	10-4-16@10:29
Constant Weight (WT2) Temp In	180C Degrees C
Constant Weight (WT2) Temp Out	180C Degrees C
Uncorrected CW (Wt2) Temp In	181C Degrees C
Uncorrected CW (Wt2) Temp Out	181C Degrees C
Constant Weight (WT3) Date/time In	10-4-16@11:56
Constant Weight (WT3) Date/Time Out	10-4-6@13:02
Constant Weight (WT3) Temp In	180C Degrees C
Constant Weight (WT3) Temp Out	180C Degrees C
Uncorrected CW (Wt3) Temp In	181C Degrees C
Uncorrected CW (Wt3) Temp Out	181C Degrees C
Corrected Temperature in Oven	104 Degrees C
Corrected Temperature out of Oven	104 Degrees C
Date/Time Samples placed in Oven	10-3-16@1519
Date/Time Samples Removed from Oven	10-4-16@6:40
Filter Paper ID	Whatman
Nominal Amount Used	100 mL
Oven ID	36221
Oven Temperature Verification	104 Degrees C
Uncorrected In Temperature	107 Degrees C
Uncorrected Out Temperature	107 Degrees C
Weight(WT1) Start Date/Time	10-4-16@6:43
Weight(WT1) Date/Time Out	10-4-16@7:59
Weight(WT1) Start Temp	180C Degrees C
Weight(WT1) Temp Out	180C Degrees C
Uncorrected Weight(WT1) Start Temp	181C Degrees C
Uncorrected Weight(WT1) Temp Out	181C Degrees C

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.: 460-121138-1

SDG No.:

Batch Number: 394569 Batch Start Date: 10/03/16 14:29 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540C Batch End Date: 10/04/16 15:44

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.: 460-121138-1

SDG No.:

Batch Number: 394840 Batch Start Date: 10/04/16 13:46 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	Conductivity	CrucibleID	InitialAmount	TareWeight	Weight1	Weight2
MB 460-394840/1		SM 2540C			E2	100 mL	67.7827 g	67.7826 g	67.7826 g
LCSSRM 460-394840/2		SM 2540C			E6A	50 mL	67.4536 g	67.4684 g	67.4688 g
460-121204-D-1 DU		SM 2540C	T		M4	50 mL	62.3117 g	62.3548 g	62.3547 g
460-121138-H-9	FB-20160928	SM 2540C	T	<5 umhos/cm	E1	100 mL	67.2087 g	67.2087 g	67.2086 g

Lab Sample ID	Client Sample ID	Method Chain	Basis	Weight3	WeightOne%Diff	WeightTwo%Diff	Weight4OK	Residue	Residue2
MB 460-394840/1		SM 2540C		67.7825 g	Pass No Unit	Pass No Unit	N/A	-0.0001 g	-0.0001 g
LCSSRM 460-394840/2		SM 2540C		67.4684 g	Pass No Unit	Pass No Unit	N/A	0.0148 g	0.0152 g
460-121204-D-1 DU		SM 2540C	T	0 g	Pass No Unit	N/A No Unit	N/A	0.0431 g	0.043 g
460-121138-H-9	FB-20160928	SM 2540C	T	0 g	Pass No Unit	N/A No Unit	N/A	0 g	-0.0001 g

Lab Sample ID	Client Sample ID	Method Chain	Basis	Residue3	Residue4	FinalAmount	CalcMsg	WTtdsLCS 00091	
MB 460-394840/1		SM 2540C		-0.0002 g	N/A g	100 mL	OK		
LCSSRM 460-394840/2		SM 2540C		0.0148 g	N/A g	100 mL	OK	50 mL	
460-121204-D-1 DU		SM 2540C	T	N/A g	N/A g	100 mL	OK		
460-121138-H-9	FB-20160928	SM 2540C	T	N/A g	N/A g	100 mL	OK		

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.: 460-121138-1

SDG No.:

Batch Number: 394840 Batch Start Date: 10/04/16 13:46 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540C Batch End Date:

Batch Notes	
Balance ID	27
Constant Weight (WT2) Date/Time In	10-5-16@9:54
Constant Weight (WT2) Date/Time Out	10-5-16@11:08
Constant Weight (WT2) Temp In	180C Degrees C
Constant Weight (WT2) Temp Out	180C Degrees C
Uncorrected CW (Wt2) Temp In	181C Degrees C
Uncorrected CW (Wt2) Temp Out	181C Degrees C
Constant Weight (WT3) Date/time In	10-5-16@11:44
Corrected Temperature in Oven	104 Degrees C
Corrected Temperature out of Oven	104 Degrees C
Date/Time Samples placed in Oven	10-4-16@14:59
Date/Time Samples Removed from Oven	10-5-16@6:45
Filter Paper ID	Whatman 9692000
Nominal Amount Used	100 mL
Oven ID	36221
Uncorrected In Temperature	107 Degrees C
Uncorrected Out Temperature	107 Degrees C
Weight(WT1) Start Date/Time	10-5-16@6:48
Weight(WT1) Date/Time Out	10-5-16@7:59
Weight(WT1) Start Temp	180C Degrees C
Weight(WT1) Temp Out	180C Degrees C
Uncorrected Weight(WT1) Start Temp	181C Degrees C
Uncorrected Weight(WT1) Temp Out	181C 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.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-121138-1

SDG No.:

Batch Number: 394488 Batch Start Date: 10/03/16 08:34 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540D Batch End Date: 10/04/16 06:52

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	CrucibleID	TareWeight	InitialAmount	Weight1	Weight2
MB 460-394488/1		SM 2540D		100 mL	FL6ND 0.1154	0.1154 g	1000 mL	0.1156 g	0.1157 g
LCSSRM 460-394488/2		SM 2540D		100 mL	FL6NE 0.1171	0.1171 g	50 mL	0.1206 g	0.1205 g
460-121029-C-1 DU		SM 2540D	T	100 mL	FL6NS 0.1165	0.1165 g	25 mL	0.1235 g	0.1235 g
460-121138-I-1	MW-15	SM 2540D	T	100 mL	FL6NU 0.1183	0.1183 g	500 mL	0.1446 g	0.1447 g
460-121138-I-2	MW-10	SM 2540D	T	100 mL	FL6NV 0.1203	0.1203 g	1000 mL	0.1232 g	0.1234 g
460-121138-I-3	MW-15D	SM 2540D	T	100 mL	FL6NW 0.1182	0.1182 g	250 mL	0.1419 g	0.1418 g
460-121138-I-4	MW-21	SM 2540D	T	100 mL	FL6NX 0.1208	0.1208 g	1000 mL	0.1215 g	0.1215 g
460-121138-I-5	MW-20	SM 2540D	T	100 mL	FL6NY 0.1172	0.1172 g	300 mL	0.1260 g	0.1262 g
460-121138-I-6	MW-6	SM 2540D	T	100 mL	FL6NZ 0.1206	0.1206 g	1000 mL	0.1233 g	0.1230 g
460-121138-I-7	MW-6 Filtered	SM 2540D	T	100 mL	FL6P0 0.1197	0.1197 g	1000 mL	0.1195 g	0.1198 g
460-121138-I-8	MW-3D	SM 2540D	T	100 mL	FL6P2 0.1189	0.1189 g	1000 mL	0.1220 g	0.1223 g
460-121138-I-9	FB-20160928	SM 2540D	T	100 mL	FL6P1 0.1169	0.1169 g	1000 mL	0.1169 g	0.1169 g

Lab Sample ID	Client Sample ID	Method Chain	Basis	Weight3	WeightOne%Diff	Residue	Residue2	ResDishWt	DishWeight
MB 460-394488/1		SM 2540D		0 g	PASS <0.5mg	0.0002 g	0.0003 g	0.1157 g	0.1154 g
LCSSRM 460-394488/2		SM 2540D		0 g	PASS <0.5mg	0.0035 g	0.0034 g	0.1205 g	0.1171 g
460-121029-C-1 DU		SM 2540D	T	0 g	PASS <0.5mg	0.007 g	0.007 g	0.1235 g	0.1165 g
460-121138-I-1	MW-15	SM 2540D	T	0 g	PASS <0.5mg	0.0263 g	0.0264 g	0.1447 g	0.1183 g
460-121138-I-2	MW-10	SM 2540D	T	0 g	PASS <0.5mg	0.0029 g	0.0031 g	0.1234 g	0.1203 g
460-121138-I-3	MW-15D	SM 2540D	T	0 g	PASS <0.5mg	0.0237 g	0.0236 g	0.1418 g	0.1182 g
460-121138-I-4	MW-21	SM 2540D	T	0 g	PASS <0.5mg	0.0007 g	0.0007 g	0.1215 g	0.1208 g
460-121138-I-5	MW-20	SM 2540D	T	0 g	PASS <0.5mg	0.0088 g	0.009 g	0.1262 g	0.1172 g
460-121138-I-6	MW-6	SM 2540D	T	0 g	PASS <0.5mg	0.0027 g	0.0024 g	0.123 g	0.1206 g
460-121138-I-7	MW-6 Filtered	SM 2540D	T	0 g	PASS <0.5mg	-0.0002 g	0.0001 g	0.1198 g	0.1197 g
460-121138-I-8	MW-3D	SM 2540D	T	0 g	PASS <0.5mg	0.0031 g	0.0034 g	0.1223 g	0.1189 g
460-121138-I-9	FB-20160928	SM 2540D	T	0 g	PASS <0.5mg	0 g	0 g	0.1169 g	0.1169 g

Lab Sample ID	Client Sample ID	Method Chain	Basis	WTtssLCS 00064					

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.: 460-121138-1

SDG No.:

Batch Number: 394488 Batch Start Date: 10/03/16 08:34 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540D Batch End Date: 10/04/16 06:52

Lab Sample ID	Client Sample ID	Method Chain	Basis	WTtssLCS 00064					
MB 460-394488/1		SM 2540D							
LCSSRM 460-394488/2		SM 2540D		50 mL					
460-121029-C-1 DU		SM 2540D	T						
460-121138-I-1	MW-15	SM 2540D	T						
460-121138-I-2	MW-10	SM 2540D	T						
460-121138-I-3	MW-15D	SM 2540D	T						
460-121138-I-4	MW-21	SM 2540D	T						
460-121138-I-5	MW-20	SM 2540D	T						
460-121138-I-6	MW-6	SM 2540D	T						
460-121138-I-7	MW-6 Filtered	SM 2540D	T						
460-121138-I-8	MW-3D	SM 2540D	T						
460-121138-I-9	FB-20160928	SM 2540D	T						

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.: 460-121138-1

SDG No.:

Batch Number: 394488 Batch Start Date: 10/03/16 08:34 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540D Batch End Date: 10/04/16 06:52

Batch Notes	
Balance ID	27
Constant Weight (WT2) Date/Time In	10-3-16@12:23
Constant Weight (WT2) Date/Time Out	10-3-16@13:30
Constant Weight (WT2) Temp In	104 Celsius
Constant Weight (WT2) Temp Out	104 Celsius
Uncorrected CW (Wt2) Temp In	102 Celsius
Uncorrected CW (Wt2) Temp Out	102 Celsius
Corrected Temperature in Oven	104 Celsius
Corrected Temperature out of Oven	104 Celsius
Date/Time Samples placed in Oven	10-3-16@9:35
Date/Time Samples Removed from Oven	10-3-16@10:48
Filter Paper ID	EnviroExpress 600015 6251 R1
Nominal Amount Used	100 mL
Perform Calculation (0=No, 1=Yes)	1
Uncorrected In Temperature	102 Celsius
Uncorrected Out Temperature	102 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.: 460-121138-1

SDG No.:

Batch Number: 394501 Batch Start Date: 10/03/16 09:39 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540D Batch End Date: 10/04/16 06:48

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	CrucibleID	TareWeight	InitialAmount	Weight1	Weight2
MB 460-394501/1		SM 2540D		100 mL	FL4FU 0.1164	0.1164 g	1000 mL	0.1165 g	0.1166 g
LCSSRM 460-394501/2		SM 2540D		100 mL	FL4FV 0.1170	0.1170 g	50 mL	0.1211 g	0.1209 g
460-121026-B-3 DU		SM 2540D	T	100 mL	FL70H 0.1174	0.1171 g	150 mL	0.1340 g	0.1336 g
460-121138-I-10	DUP-20160928	SM 2540D	T	100 mL	FL70G 0.1177	0.1177 g	250 mL	0.1559 g	0.1558 g

Lab Sample ID	Client Sample ID	Method Chain	Basis	Weight3	WeightOne%Diff	Residue	Residue2	ResDishWt	DishWeight
MB 460-394501/1		SM 2540D		0 g	PASS <0.5mg	0.0001 g	0.0002 g	0.1166 g	0.1164 g
LCSSRM 460-394501/2		SM 2540D		0 g	PASS <0.5mg	0.0041 g	0.0039 g	0.1209 g	0.117 g
460-121026-B-3 DU		SM 2540D	T	0 g	PASS <0.5mg	0.0169 g	0.0165 g	0.1336 g	0.1171 g
460-121138-I-10	DUP-20160928	SM 2540D	T	0 g	PASS <0.5mg	0.0382 g	0.0381 g	0.1558 g	0.1177 g

Lab Sample ID	Client Sample ID	Method Chain	Basis	WTtssLCS 00064					
MB 460-394501/1		SM 2540D							
LCSSRM 460-394501/2		SM 2540D		50 mL					
460-121026-B-3 DU		SM 2540D	T						
460-121138-I-10	DUP-20160928	SM 2540D	T						

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.: 460-121138-1

SDG No.:

Batch Number: 394501 Batch Start Date: 10/03/16 09:39 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540D Batch End Date: 10/04/16 06:48

Batch Notes	
Balance ID	27
Constant Weight (WT2) Date/Time In	10-3-16@13:00
Constant Weight (WT2) Date/Time Out	10-3-16@14:15
Constant Weight (WT2) Temp In	104 Celsius
Constant Weight (WT2) Temp Out	104 Celsius
Uncorrected CW (Wt2) Temp In	102 Celsius
Uncorrected CW (Wt2) Temp Out	102 Celsius
Corrected Temperature in Oven	104 Celsius
Corrected Temperature out of Oven	104 Celsius
Date/Time Samples placed in Oven	10-3-16@9:58
Date/Time Samples Removed from Oven	10-3-16@11:03
Filter Paper ID	Enviroexpress 600015 6251 R1
Nominal Amount Used	100 mL
Oven ID	36233
Perform Calculation (0=No, 1=Yes)	1
Uncorrected In Temperature	102 Celsius
Uncorrected Out Temperature	102 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

461-SJSC

CHAIN OF CUSTODY / ANA

460-121138 Chain of Custody

Durham Road
ew Jersey 08817
32) 549-3900 Fax: (732) 549-3679

Page 1 of 2

Name (for report and invoice) Tim Fisher	Samplers Name (Printed) K. Bishopp, A. Musetto
Company Antea Group	P. O. # 8E0812485P
Address 500 Summit Lake Dr Suite 150	Site/Project Identification McCandless
City Valhalla State NY	State (Location of site): NJ: [X] NY: [ ] Other:
Phone 949-375-1174 Fax	Regulatory Program: NJDEP DKQP: [ ]

Analysis Turnaround Time: Standard [X]; Rush Charges Authorized For: 2 Week [ ] 1 Week [ ] Other [ ]

LAB USE ONLY — Project No: — Job No: 121138

ANALYSIS REQUESTED (ENTER 'X' BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	TCL VOC+10 624.5	BN+15 625	PCBs 8082 A	TDS 2540C	TSS 2540D						Sample Numbers
MW-15	9/28/16	1000	GW	9	X	X	X	X	X						1
MW-10	↓	1045	↓	↓	↓	↓	↓	↓	↓						2
MW-15D		1130													3
MW-21		1340													4
MW-20		1345													5
MW-6		1515													6
MW-6 Filtered		1525													7
MW-3D		1520	↓												8
FB-20160928		1625	Blank												9
DUP-20160928	↓	-	GW	↓	↓	↓	↓	↓	↓						10

5-Day RUSH

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6 = Other ______, 7 = Other ______

Soil:

Water: 42 | 1 | 1 | 1 | 1 | 3 (AM)

Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by	Company	Date / Time	Received by	Company
[signature]	Antea Group	9/28/16 1640	1) [signature]	TA 9/28 1640
2) [signature]	TA	9/28 1840	2) [signature]	TA
3) [signature]	TA	9-28-16	3) [signature]	TA 9/28/16 2015
4)			4)	

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)

0.5°C
4.4°C
IR#7
No cls

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

461-SJSC

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice): Tim Fisher	Samplers Name (Printed): Li Bishopp, A. Musetto	Site/Project Identification: McCandless
Company: Antea Group	P. O. #: 8 E08124855P	State (Location of site): NJ: ☒ NY: ☐ Other:
		Regulatory Program: NJDEP DKQP: ☐
Address: 500 Summit Lake Dr Suite 150	Analysis Turnaround Time: Standard ☒	
City: Valhalla State: NY	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone: 949-375-1174 Fax:		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No:
Job No: 124138

Sample Identification	Date	Time	Matrix	No. of Cont.	TCL VOC+10 (624.5)	Sample Numbers
Trip Blank	9/28/16	—	Blank	3	X	11

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH — Soil: — Water: 1,2

6 = Other _____, 7 = Other _____

Special Instructions

Water Metals Filtered (Yes/No)? _____

	Company	Date / Time		Company
Relinquished by 1)	Antea Group	9/28/16 1640	Received by 1)	TA 9/28 1640
Relinquished by 2)	TA	9/28 1840	Received by 2)	TA
Relinquished by 3)	TA	9-28-16	Received by 3)	TA 9/28/16 2015
Relinquished by 4)			Received by 4)	

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: 174138

Number of Coolers: 2 IR Gun # 7

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	2.4 °C	°C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	2.1 °C	°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 QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

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: IC2 Date: 9/28/16

Login Sample Receipt Checklist

Client: Antea USA, Inc.

Job Number: 460-121138-1

Login Number: 121138
List Number: 1
Creator: Rivera, Kenneth

List Source: TestAmerica Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.5°C, 4.4°C, IR #7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.