RCRA CORRECTIVE ACTION
TECHNICAL MEMORANDUM NO. 4
SOIL CONFIRMATION

VERNAY LABORATORIES, INC.
Plant 2/3 Facility
Yellow Springs, Ohio

Project No. 0292.11.29

April 14, 2004

Prepared For

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1.0 INTRODUCTION

In a December 12, 2003 submittal to the United States Environmental Protection Agency (US EPA), entitled *RCRA Corrective Action Technical Memorandum No. 2: Historical Data Usage in the RCRA Corrective Action* (TM-2), prepared by The Payne Firm, Inc. (Payne Firm), Vernay Laboratories, Inc. (Vernay) requested that the US EPA complete a Quality Assurance Project Plan (QAPP) review of past site investigation data collected in and around Vernay's property located at 875 Dayton Street (Facility). The past data was collected from 1998 to 2001 during a voluntary investigation conducted by Vernay following Ohio Environmental Protection Agency (Ohio EPA) Voluntary Action Program (VAP) rules. This data was submitted to the US EPA in TM-2 following the guidelines in the US EPA's May 8, 1998 *Region 5 Policy and Guidelines Regarding Historical Data Usage in the RCRA Facility Investigation* (US EPA, 1998, US EPA Historical Data Usage Guidance).

The US EPA provided comments to TM-2 in a January 21, 2004 letter to Vernay. The US EPA indicated that Vernay has made a good faith effort in demonstrating the relevancy of the VAP ground water, surface water, and sediment data to the Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI). The US EPA also concurred with Vernay that the agency cannot accept the use of the past soil data until Vernay completed its soil data confirmation process.

The purpose of this document is to review the soil data confirmation process that was undertaken by Vernay since the submittal of TM-2, and to demonstrate to the US EPA that RFI soil data has confirmed the past soil data. Based on the results of this process, it is the Payne Firm's opinion that the past soil data can be used for its intended purpose during RCRA Corrective Action.

2.0 INTENDED USES OF PAST SOIL DATA

The intended data uses of the past soil data was summarized on Table 3 of TM-2. During the RCRA Corrective Action, the past soil data and the RFI soil data are intended to be utilized for the following purposes:

- To determine the nature and extent of contamination in soil;
- Vadose zone contaminant fate and transport modeling;

- Human health and ecological risk assessment; and
- Evaluation of Corrective Measures.

3.0 CONFIRMATORY RFI SOIL DATA

Following the guidelines in the US EPA Historical Data Usage Guidance, steps were taken to assure that the confirmatory data that was collected at the Facility during the RFI is of sufficient quality to act as a standard for comparison with the past data. This was accomplished by the following:

- Sampling and analytical methods appropriate to the site specific circumstances were used; and
- Confirmatory sampling was conducted under the project QAPP and project Statements of Work.

A conference call was held on January 22, 2004 between the US EPA and the Payne Firm to discuss the additional RFI soil confirmatory data needs. Based on the call, the appropriate location and number of confirmation soil samples and chemical groups to analyze were discussed. This information is summarized below.

3.1 Locations of Confirmatory Samples

The US EPA Historical Data Usage Guidance indicates that confirmatory samples should be taken at the same location of the past data samples. The past soil boring locations were identified in the field using the surveyed coordinates of the boring. In most cases, the surface patch of the boring was visually observed in the field, verifying the location of the past soil boring. Since past boring locations were abandoned with bentonite, the confirmatory soil borings were offset in most cases about three feet away from the original soil boring location so that the confirmation boring would not encounter the bentonite.

The confirmatory boring locations are shown on Figure 1. This figure also shows boring locations for additional new RFI soil data. Analytical data collected from these RFI soil boring locations is not presented within the scope of this document, but will be presented in the Phase I Facility Investigation Report. The confirmatory soil boring locations were selected based on the following rationale:

- Locations where high, medium, and low concentrations of constituents were detected in past soil samples. This range of concentrations was considered important to confirm for a more complete comparison.
- Locations where past soil samples analyzed for volatile organic compounds (VOCs) were collected and prepared using the Update II sampling methodology.

This was considered to be an important element to demonstrate that the past VOC data collected using Update II sampling methodology is not significantly different than the VOC data collected using Update III methodologies.

This rationale was discussed with the US EPA during the January 22, 2004 conference call.

3.2 Number of Confirmatory Samples and Constituents for Analysis

During the past investigations, a total of 251 soil investigation samples were analyzed for VOCs, 167 soil samples for polynuclear aromatic hydrocarbons (PAHs,) 167 for the eight RCRA metals, and 26 for semi-volatile organic compounds (SVOCs). Based on the large number of pre-RFI soil samples, it is reasonable to confirm 10% of the past soil data. Therefore, 26 samples were collected for VOCs, 17 for PAHs, 17 for metals, and 4 for SVOCs during the RFI for confirmation purposes. The samples were collected in January and February 2004, following the procedures presented in the project QAPP and Statements of Work No. 7.

Confirmation sample analysis was conducted for all constituents identified in the RFI QAPP. This includes VOCs, SVOCs (including PAHs), and metals. The metals identified in the RFI QAPP for soil include arsenic, copper, and zinc. Since the past soil data was analyzed for the eight RCRA metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver), the confirmation soil samples were analyzed for the RCRA metals.

4.0 METHODS USED TO CONFIRM THE PAST SOIL DATA

The methods used for confirming the past soil data were consistent with the empirical methods for comparing confirmatory data with historical data presented in the Historical Data Usage Guidance. Comparisons of the analytical methods and practical quantitation limits were also conducted. The results are summarized below.

4.1 Comparison of Analytical Methods

The analytical methods used during the collection of the past soil data are identical to those used during collection of soil data during the RFI. These analytical methods are the US EPA Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods (EPA SW-846, 3rd Edition), and include the following:

- SW-846 8260B, for VOCs;
- SW-846 8270C, for SVOCs;
- SW-846 8310, for PAHs; and
- SW-846 6010 B and SW-846 7410, for the eight RCRA metals.

Past soil samples collected for VOC analysis were collected and prepared using both the “low concentration volatiles in soil” technique described in Update II of SW-846, and Method 5035 of Update III to SW-846. Approximately 40% of the past soil data (101 of 251 soil samples) were analyzed using Method 5035. All of the RFI soil data was collected and prepared using Method 5035. Confirmation sample locations were biased toward locations where past soil data was collected for VOC analysis using Update II sampling and preparation procedures (Section 3.1).

4.2 Comparison of Practical Quantitation Limits

A comparison of the practical quantitation limits (PQLs) of the RFI and past data was presented on Table 4 in TM-2. This table was adapted to show only the PQLs for solid samples, and is presented on Table 1.

The comparison indicates that the majority of the VOCs have identical PQLs, with the exception of the following eight chemicals: bromomethane, chlorethane, chloromethane, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2,4-trichlorobenzene, and vinyl chloride. All 65 SVOCs and 8 metals have identical PQLs for both the RFI and the historical data. The majority of the PAHs have a lower PQL for the confirmation samples. All PQLs for the past data are below the US EPA Region IX residential soil preliminary remedial goals (PRGs).

Newer instrumentation that the analytical laboratory uses has resulted in the changes in PQL for the compounds shown on Table 1. As Table 1 presents, the use of the newer instrumentation has resulted in the reduction of PQL for a few constituents. In general, the majority of the RFI constituents have the same PQLs.

4.3 Laboratory Method Reporting Limit Comparability

The variability of the laboratory method reporting limits (MRLs) between the past data and RFI confirmatory data was assessed. This assessment was conducted by comparing the ratio of the MRLs of the past data with that of the confirmatory data. This comparison was conducted for VOCs, SVOCs, PAHs, and metals. Ratios greater than 2 were assigned an index value of "0", and ratios equal to or less than 2 were assigned an index value of "1." A summary of this comparison is presented on Table 2 through Table 5.

A comparison of the number of locations and constituents having an index of 1 to those having an index of 0 was conducted. In total, the number of sample constituents having an index value of 1 is 1,118 out of 1,492 (75%). A review of the VOC analytical data indicates that the MRLs were increased over the PQLs in soil samples collected from source areas at the Facility (GP01-017/8-10, GP01-019/10-12, GP01-050/8-10, GP01-055/0-2, GP01-055/8-10, RW01-04/6-8). Based on the requirements of the analytical methodology, the MRL will increase in soil samples that contain relatively high concentrations of contaminants. However, the majority of the past soil data MRLs were below or close to the confirmation soil MRLs from the samples collected in source areas (Table 5).

The total number of locations/constituents having an index value of 1 is slightly less than 80%. According to the Historical Data Usage Guidance, this indicates that the past data may have a slight trend in higher MRLs than the confirmatory data and the data quality should be reassessed. As documented in TM-2, the past soil data quality is comparable to the quality of RFI data. This is supported by the following:

- The past soil data was collected with defined data quality objectives (DQOs) that are consistent with the DQOs for the RFI.
- The same standard operating procedures (SOPs) used for the RFI soil sample collection were implemented during the collection of the past soil data.
- The same analytical laboratory (Severn Trent Laboratories) was used to analyze past soil data and RFI soil data using identical US EPA analytical methods (Section 4.1).
- Past data PQLs are below US EPA Region IX residential soil PRGs.
- Past soil data was validated to verify that the analytical data met its intended uses. The data validation process included, at a minimum, a review of the following: laboratory adherence to QA procedures, holding time periods, reporting limits, method blank samples, system monitoring compounds/surrogate spikes, laboratory control samples, and any non-conformities or discrepancies in the analytical database.

The US EPA Historical Data Usage Guidance recognizes the need to assess site specific considerations when conducting comparisons of past data to confirmation data. A 5% difference for this MRL comparison is reasonable given the site specific factors described below:

- Based on the conceptual site hydrogeological model (CSHM) presented in the December 22, 2003 *RCRA Corrective Action Technical Memorandum No. 3: Ground Water Monitoring* (TM-3) prepared by the Payne Firm, the soils beneath the Facility consist of glacial till and fill material. This soil unit is called the Unconsolidated Unit in TM-3. The glacial till consists of a very firm, slightly moist silt and clay matrix with laterally discontinuous poorly sorted sand lenses at or near the bedrock surface, and interbedded discontinuous poorly sorted sand seams in the upper and middle portions of the unit that vary in thickness and in moisture content. The inherent heterogeneity in the Unconsolidated Unit may affect the distribution vertically and horizontally of contamination within this unit. The differences in chemical concentrations due to the heterogeneity of the Unconsolidated Unit will affect the comparison (both the method reporting limit and the concentration comparisons) of the confirmation soil samples to the past soil samples, especially since the confirmation samples were collected several feet away from the past soil boring.

- The nature of the sources of contamination also impacts the horizontal and vertical distribution of contamination in the Unconsolidated Unit. Past releases at the Facility were primarily from the sewer system or from surface spills (i.e. dust control or incidental spills, *Current Conditions Report*, The Payne Firm, November 25, 2002). The nature of the contamination that is derived from the sources, especially beneath a sewer will also have an affect when comparing soil samples.

- Update III methods to sample soil for VOCs are different than the Update II methods – including field sampling, shipping, storage, laboratory subsampling of the field sample, biodegradation, and the purge and trap laboratory preparation procedures. The inherent variability between the Update II and Update II methodologies will impact a comparison of soil samples using these methods.

Based on the variability of the Unconsolidated Unit and sampling methodologies (for VOCs), the nature of the sources of contamination, and the horizontal distance between the confirmation and past soil boring location, 75% confirmation of the MDL is a reasonable percentage to conclude that both sets of data have basically the same MDLs.

4.4 Data Comparability and Confirmation

Since the MRLs for the past soil data and confirmatory data are considered acceptable, a comparison of the reported concentrations obtained in the past soil data to those of the confirmatory data was conducted. For each hazardous constituent of concern, the ratio of the concentration from the past data to the concentration from the confirmatory data was determined. The reporting limit was used if a constituent was not detected by the laboratory (US EPA, 1998). If the ratio was determined to be between 0.1 and 10, then an index value of "1" was assigned to the location/constituent. If the ratio was determined to be either greater than 10 or less than 0.1, then an index value of "0" was assigned to the location/constituent. A summary of this comparison is presented on Table 6 through Table 9.

A comparison of the number of locations/constituents having an index of 1 to those having an index of 0 was conducted. In total, the number of sample constituents having an index value of 1 is 1,045 out of 1,492 (70%). The majority of the constituents having an index value of 0 were VOCs. In particular, the locations assigned an index value of 0 had concentrations of PCE, TCE, cis-1,2-DCE in the confirmation data significantly less than the past data. In contrast, the locations assigned an index value of 0 had concentrations of vinyl chloride in the confirmation data significantly greater than the past data. An explanation for the observed changes in concentrations of these VOCs may be attributed to natural degradation of PCE and TCE to form vinyl chloride over the five years between historic data collection and confirmatory data collection. Other explanations for the observed differences in chemical concentrations may be the result of the site specific factors presented in Section 4.3.

The total number of locations/constituents having an index value of 1 is slightly less than 75%, which according to the US EPA Historical Data Usage Guidance is the percentage that indicates that the past data has been confirmed. Based on the observed natural degradation of several VOCs in soil and the site specific variability factors described in Section 4.3, 70% of the confirmation data having an index value of 1 is a reasonable percentage to conclude that both sets of data are comparable.

5.0 SUMMARY

The methods for comparing past and confirmatory soil data were conducted following US EPA guidance (US EPA, 1998). The results of this assessment indicate that there is no significant variability between the MDLs and in the sample concentrations between the past soil data and the confirmatory soil data. This assessment indicates that the past soil data can be used for its intended uses for the RCRA Corrective Action.

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LIST OF ACRONYMS

CSHM	Conceptual Site Hydrogeological Model
DQOs	Data Quality Objectives
MRLs	Method Reporting Limits
Ohio EPA	Ohio Environmental Protection Agency
PAHs	Polynuclear Aromatic Hydrocarbons
Payne Firm	The Payne Firm, Inc.
PQLs	Practical Quantitation Limits
QAPP	Quality Assurance Project Plan
RCRA	Resource Conservation and Recovery Act
RFI	Facility Investigation
SOPs	Standard Operating Procedures
SVOCs	Semi-Volatile Organic Compounds
US EPA	United States Environmental Protection Agency
VAP	Voluntary Action Program
Vernay	Vernay Laboratories, Inc.
VOCs	Volatile Organic Compounds

LEGEND

- Direct-Push Soil Sample (Q4-2003)
- Direct-Push Soil Sample (Q1-2004)
- Direct-Push Soil Confirmation Sample (Q1-2004)
- Vernay Facility Boundary

90 45 0 90
Feet

N

DAYTON STREET

E.ENON

PLANT 2

PLANT 3

GP01-111
GP01-124
GP01-125
GP01-126
GP01-127
GP01-112
GP01-137
GP01-113
GP01-136
GP01-120
GP01-149
GP01-128
GP01-141
GP01-142
GP01-017
GP01-050
GP01-143
GP01-068
GP01-139
GP01-138
GP01-140
GP01-119
RW01-04
GP01-116
GP01-052
GP01-123
GP01-144
GP01-115
GP01-018
GP01-145
GP01-122
GP01-135
GP01-134
GP01-148
GP01-080
GP01-020
GP01-121
GP01-133
GP01-059
GP01-132
GP01-129
GP01-130
GP01-118
GP01-146
GP01-147
GP01-055
GP01-131
GP01-117
GP01-030
GP01-150

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The Payne Firm, Inc.
Environmental Consultants
Cincinnati, Ohio

DATE	3/15/04
APPROVED BY	DCC
FIGURE NO.	1
DRAWN BY	ALH
PROJECT NO.	292.11.29

CLIENT: VERNAY LABORATORIES, INC.

TITLE: DIRECT-PUSH SOIL SAMPLING LOCATIONS WITHIN THE UNCONSOLIDATED UNIT (4TH QUARTER 2003 - 1ST QUARTER 2004)

REFERENCE: Greene County Auditors, Orthophotograph (1998); State Plane Coordinates from Woolpert Surveying, LLP, Dayton, Ohio (NAD83/NAVD88)

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TABLE 1: Comparison of Practical Quantitation Limits

Volatile Organic Compounds-SW846 8260B Solid			
Compound	**Units**	**RCRA CA PQL**	**Ohio VAP PQL**
Acetone	ug/kg	20	20
Benzene	ug/kg	5	5
Bromodichloromethane	ug/kg	5	5
Bromoform	ug/kg	5	5
Bromomethane	ug/kg	5	10
2-Butanone	ug/kg	20	20
Carbon disulfide	ug/kg	5	5
Carbon tetrachloride	ug/kg	5	5
Chlorobenzene	ug/kg	5	5
Dibromochloromethane	ug/kg	5	5
Chloroethane	ug/kg	5	10
Chloroform	ug/kg	5	5
Chloromethane	ug/kg	5	10
Cyclohexane	ug/kg	10	NA
1,2-Dibromo-3-chloropropane	ug/kg	10	NA
1,2-Dibromoethane	ug/kg	5	NA
1,2-Dichlorobenzene	ug/kg	5	10
1,3-Dichlorobenzene	ug/kg	5	10
1,4-Dichlorobenzene	ug/kg	5	10
Dichlorodifluoromethane	ug/kg	5	NA
1,1-Dichloroethane	ug/kg	5	5
1,2-Dichloroethane	ug/kg	5	5
cis-1,2-Dichloroethene	ug/kg	2.5	2.5
trans-1,2-Dichloroethene	ug/kg	2.5	2.5
1,1-Dichloroethene	ug/kg	5	5
1,2-Dichloropropane	ug/kg	5	5
cis-1,3-Dichloropropene	ug/kg	5	5
trans-1,3-Dichloropropene	ug/kg	5	5
Ethylbenzene	ug/kg	5	5
2-Hexanone	ug/kg	20	20
Isopropylbenzene	ug/kg	5	NA
Methyl acetate	ug/kg	10	NA
Methylcyclohexane	ug/kg	10	NA
Methylene chloride	ug/kg	5	5
4-Methyl-2-pentanone	ug/kg	20	20
Methyl tert-butyl ether	ug/kg	20	NA
n-Hexane	ug/kg	NA	5
Hexachlorobutadiene	ug/kg	NA	10
Naphthalene	ug/kg	NA	10
Styrene	ug/kg	5	5
1,1,2,2-Tetrachloroethane	ug/kg	5	5
Tetrachloroethene	ug/kg	5	5
Toluene	ug/kg	5	5
1,2,4-Trichlorobenzene	ug/kg	5	10
1,1,1-Trichloroethane	ug/kg	5	5
1,1,2-Trichloroethane	ug/kg	5	5
Trichloroethene	ug/kg	5	5
Trichlorofluoromethane	ug/kg	5	NA
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	5	NA
Vinyl chloride	ug/kg	5	10
Xylenes (total)	ug/kg	5	5

NA = Not Analyzed
ND = Not Determined

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TABLE 1: Comparison of Practical Quantitation Limits

Semi-Volatile Organic Compounds-SW846 8270C Solid			
Compound	**Units**	**RCRA CA PQL**	**Ohio VAP PQL**
Acenaphthene	ug/kg	330	330
Acenaphthylene	ug/kg	330	330
Acetophenone	ug/kg	330	NA
Anthracene	ug/kg	330	330
Atrazine	ug/kg	330	NA
Benzaldehyde	ug/kg	330	NA
Benzo(a)anthracene	ug/kg	330	330
Benzo(b)fluoranthene	ug/kg	330	330
Benzo(k)fluoranthene	ug/kg	330	330
Benzo(ghi)perylene	ug/kg	330	330
Benzo(a)pyrene	ug/kg	330	330
1,1'-Biphenyl	ug/kg	330	NA
bis(2-Chloroethoxy)methane	ug/kg	330	330
bis(2-Chloroethyl) ether	ug/kg	330	330
bis(2-Ethylhexyl) phthalate	ug/kg	330	330
4-Bromophenyl phenyl ether	ug/kg	330	330
Butyl benzyl phthalate	ug/kg	330	330
Caprolactam	ug/kg	330	NA
Carbazole	ug/kg	330	330
4-Chloroaniline	ug/kg	330	330
4-Chloro-3-methylphenol	ug/kg	330	330
2-Chloronaphthalene	ug/kg	330	330
2-Chlorophenol	ug/kg	330	330
4-Chlorophenyl phenyl ether	ug/kg	330	330
Chrysene	ug/kg	330	330
Dibenz(a,h)anthracene	ug/kg	330	330
Dibenzofuran	ug/kg	330	330
Di-n-butyl phthalate	ug/kg	330	330
3,3'-Dichlorobenzidine	ug/kg	1600	1600
2,4-Dichlorophenol	ug/kg	330	330
Diethyl phthalate	ug/kg	330	330
2,4-Dimethylphenol	ug/kg	330	330
Dimethyl phthalate	ug/kg	330	330
4,6-Dinitro-2-methylphenol	ug/kg	1600	1600
2,4-Dinitrophenol	ug/kg	1600	1600
2,4-Dinitrotoluene	ug/kg	330	330
2,6-Dinitrotoluene	ug/kg	330	330
Di-n-octyl phthalate	ug/kg	330	330
Fluoranthene	ug/kg	330	330
Fluorene	ug/kg	330	330
Hexachlorobenzene	ug/kg	330	330
Hexachlorobutadiene	ug/kg	330	330
Hexachlorocyclopentadiene	ug/kg	1600	1600
Hexachloroethane	ug/kg	330	330
Indeno(1,2,3-cd)pyrene	ug/kg	330	330
Isophorone	ug/kg	330	330
2-Methylnaphthalene	ug/kg	330	330
2-Methylphenol	ug/kg	330	330
4-Methylphenol	ug/kg	330	330
Naphthalene	ug/kg	330	330
2-Nitroaniline	ug/kg	1600	1600
3-Nitroaniline	ug/kg	1600	1600
4-Nitroaniline	ug/kg	1600	1600

Semi-Volatile Organic Compounds-SW846 8270C Solid			
Compound	**Units**	**RCRA CA PQL**	**Ohio VAP PQL**
Nitrobenzene	ug/kg	330	330
2-Nitrophenol	ug/kg	330	330
4-Nitrophenol	ug/kg	1600	1600
N-Nitrosodiphenylamine	ug/kg	330	330
N-Nitrosodi-n-propylamine	ug/kg	330	330
2,2'-oxybis(1-Chloropropane)	ug/kg	330	330
Pentachlorophenol	ug/kg	330	330
Phenanthrene	ug/kg	330	330
Phenol	ug/kg	330	330
Pyrene	ug/kg	330	330
2,4,5-Trichlorophenol	ug/kg	330	330
2,4,6-Trichlorophenol	ug/kg	330	330

NA = Not Analyzed
ND = Not Determined

TABLE 1: Comparison of Practical Quantitation Limits

Polynuclear Aromatic Hydrocarbons-SW846 8310 Solid			
Compound	**Units**	**RCRA CA PQL**	**Ohio VAP PQL**
Acenaphthene	ug/kg	17	100
Acenaphthylene	ug/kg	17	100
Anthracene	ug/kg	3.3	100
Benzo(a)anthracene	ug/kg	3.3	5
Benzo(a)pyrene	ug/kg	3.3	5
Benzo(b)fluoranthene	ug/kg	3.3	5
Benzo(ghi)perylene	ug/kg	3.3	10
Benzo(k)fluoranthene	ug/kg	3.3	1.7
Chrysene	ug/kg	3.3	5
Dibenz(a,h)anthracene	ug/kg	3.3	5
Fluoranthene	ug/kg	3.3	10
Fluorene	ug/kg	3.3	100
Indeno(1,2,3-cd)pyrene	ug/kg	3.3	5
Naphthalene	ug/kg	17	100
Phenanthrene	ug/kg	3.3	100
Pyrene	ug/kg	3.3	5

RCRA Metals-SW846 6010B/7410			
Compound	**Units**	**RCRA CA PQL**	**Ohio VAP PQL**
Arsenic	mg/kg	1.0	1.0
Barium	mg/kg	2.0	2.0
Cadmium	mg/kg	0.5	0.5
Chromium	mg/kg	1.0	1.0
Lead	mg/kg	0.3	0.3
Mercury	mg/kg	0.1	0.1
Selenium	mg/kg	0.5	0.5
Silver	mg/kg	1.0	1.0

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TABLE 2: Method Reporting Limit Comparison - Metals

ANALYTE	UNITS	GP01-017 / 04-06 1998	GP01-017 / 04-06 CONF 2004	Ratio	Index Value	GP01-019 / 04-06 1998	GP01-019 / 04-06 CONF 2004	Ratio	Index Value	GP01-020 / 04-06 1998	GP01-020 / 04-06 CONF 2004	Ratio	Index Value
ARSENIC	MG/KG	1	1.2	0.83	1	1	1.2	0.83	1	1	1.3	0.77	1
BARIUM	MG/KG	20	24.5	0.82	1	20	24.7	0.81	1	20	26	0.77	1
CADMIUM	MG/KG	0.5	0.61	0.82	1	0.5	0.62	0.81	1	0.5	0.65	0.77	1
CHROMIUM	MG/KG	1	1.2	0.83	1	1	1.2	0.83	1	1	1.3	0.77	1
LEAD	MG/KG	0.3	0.37	0.81	1	0.3	0.37	0.81	1	0.3	0.39	0.77	1
MERCURY	MG/KG	0.1	0.12	0.83	1	0.1	0.12	0.83	1	0.1	0.13	0.77	1
SELENIUM	MG/KG	0.5	0.61	0.82	1	0.5	0.62	0.81	1	0.5	0.65	0.77	1
SILVER	MG/KG	1	1.2	0.83	1	1	1.2	0.83	1	1	1.3	0.77	1

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TABLE 2: Method Reporting Limit Comparison - Metals

ANALYTE	UNITS	GP01-050 / 00-02 1999	GP01-050 / 00-02 CONF 2004	Ratio	Index Value	GP01-050 / 04-06 1999	GP01-050 / 04-06 CONF 2004	Ratio	Index Value	GP01-052 / 00-02 1999	GP01-052 / 00-02 CONF 2004	Ratio	Index Value
ARSENIC	MG/KG	1	1.1	0.91	1	1	1.3	0.77	1	1	1.3	0.77	1
BARIUM	MG/KG	20	21.6	0.93	1	20	25.4	0.79	1	20	25.2	0.79	1
CADMIUM	MG/KG	0.5	0.54	0.93	1	0.5	0.63	0.79	1	0.5	0.63	0.79	1
CHROMIUM	MG/KG	1	1.1	0.91	1	1	1.3	0.77	1	1	1.3	0.77	1
LEAD	MG/KG	0.3	0.32	0.94	1	0.3	0.38	0.79	1	0.3	0.38	0.79	1
MERCURY	MG/KG	0.1	0.11	0.91	1	0.1	0.13	0.77	1	0.1	0.13	0.77	1
SELENIUM	MG/KG	0.5	0.54	0.93	1	0.5	0.63	0.79	1	0.5	0.63	0.79	1
SILVER	MG/KG	1	1.1	0.91	1	1	1.3	0.77	1	1	1.3	0.77	1

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TABLE 2: Method Reporting Limit Comparison - Metals

ANALYTE	UNITS	GP01-052 / 04-06 1999	GP01-052 / 04-06 CONF 2004	Ratio	Index Value	GP01-055 / 00-02 1999	GP01-055 / 00-02 CONF 2004	Ratio	Index Value	GP01-055 / 04-06 1999	GP01-055 / 04-06 CONF 2004	Ratio	Index Value
ARSENIC	MG/KG	1	1.2	0.83	1	1	1.1	0.91	1	1	1.2	0.83	1
BARIUM	MG/KG	20	24.6	0.81	1	20	21.7	0.92	1	20	24.2	0.83	1
CADMIUM	MG/KG	0.5	0.61	0.82	1	0.5	0.54	0.93	1	0.5	0.6	0.83	1
CHROMIUM	MG/KG	1	1.2	0.83	1	1	1.1	0.91	1	1	1.2	0.83	1
LEAD	MG/KG	0.3	0.37	0.81	1	0.3	0.33	0.91	1	0.3	0.36	0.83	1
MERCURY	MG/KG	0.1	0.12	0.83	1	0.1	0.11	0.91	1	0.1	0.12	0.83	1
SELENIUM	MG/KG	0.5	0.61	0.82	1	0.5	0.54	0.93	1	0.5	0.6	0.83	1
SILVER	MG/KG	1	1.2	0.83	1	1	1.1	0.91	1	1	1.2	0.83	1

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TABLE 2: Method Reporting Limit Comparison - Metals

ANALYTE	UNITS	GP01-059 / 00-02 1999	GP01-059 / 00-02 CONF 2004	Ratio	Index Value	GP01-059 / 04-06 1999	GP01-059 / 04-06 CONF 2004	Ratio	Index Value	GP01-068 / 00-02 1999	GP01-068 / 01-02 CONF 2004	Ratio	Index Value
ARSENIC	MG/KG	1	1.3	0.77	1	1	1.1	0.91	1	1	1.1	0.91	1
BARIUM	MG/KG	20	25.1	0.80	1	20	22.6	0.88	1	20	NA	NA	NA
CADMIUM	MG/KG	0.5	0.63	0.79	1	0.5	0.57	0.88	1	0.5	NA	NA	NA
CHROMIUM	MG/KG	1	1.3	0.77	1	1	1.1	0.91	1	1	NA	NA	NA
LEAD	MG/KG	0.3	0.38	0.79	1	0.3	0.34	0.88	1	0.3	NA	NA	NA
MERCURY	MG/KG	0.1	0.13	0.77	1	0.1	0.11	0.91	1	0.1	NA	NA	NA
SELENIUM	MG/KG	0.5	0.63	0.79	1	0.5	0.57	0.88	1	0.5	NA	NA	NA
SILVER	MG/KG	1	1.3	0.77	1	1	1.1	0.91	1	1	NA	NA	NA

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TABLE 2: Method Reporting Limit Comparison - Metals

ANALYTE	UNITS	GP01-068 / 04-06 1999	GP01-068 / 04-06 CONF 2004	Ratio	Index Value	GP01-080 / 00-02 1999	GP01-080 / 00-02 CONF 2004	Ratio	Index Value	GP01-080 / 04-06 1999	GP01-080 / 04-06 CONF 2004	Ratio	Index Value
ARSENIC	MG/KG	1	1.3	0.77	1	1	1.1	0.91	1	1	1.2	0.83	1
BARIUM	MG/KG	20	NA	NA	NA	20	21.6	0.93	1	20	24.4	0.82	1
CADMIUM	MG/KG	0.5	NA	NA	NA	0.5	0.54	0.93	1	0.5	0.61	0.82	1
CHROMIUM	MG/KG	1	NA	NA	NA	1	1.1	0.91	1	1	1.2	0.83	1
LEAD	MG/KG	0.3	NA	NA	NA	0.3	0.32	0.94	1	0.3	0.37	0.81	1
MERCURY	MG/KG	0.1	NA	NA	NA	0.1	0.11	0.91	1	0.1	0.12	0.83	1
SELENIUM	MG/KG	0.5	NA	NA	NA	0.5	0.54	0.93	1	0.5	0.61	0.82	1
SILVER	MG/KG	1	NA	NA	NA	1	1.1	0.91	1	1	1.2	0.83	1

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TABLE 2: Method Reporting Limit Comparison - Metals

ANALYTE	UNITS	RW01-04 / 06-08 1999	RW01-04 / 06-08 CONF 2004	Ratio	Index Value	RW01-04 / 08-10 1999	RW01-04 / 08-10 CONF 2004	Ratio	Index Value
ARSENIC	MG/KG	1	1.2	0.83	1	1	1.3	0.77	1
BARIUM	MG/KG	20	23.8	0.84	1	20	25.8	0.78	1
CADMIUM	MG/KG	0.5	0.59	0.85	1	0.5	0.64	0.78	1
CHROMIUM	MG/KG	1	1.2	0.83	1	1	1.3	0.77	1
LEAD	MG/KG	0.3	0.36	0.83	1	0.3	0.39	0.77	1
MERCURY	MG/KG	0.1	0.12	0.83	1	0.1	0.13	0.77	1
SELENIUM	MG/KG	0.5	0.59	0.85	1	0.5	0.64	0.78	1
SILVER	MG/KG	1	1.2	0.83	1	1	1.3	0.77	1

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TABLE 3: Method Reporting Limit Comparison - SVOCs

ANALYTE	UNITS	GP01-052 / 00-02 1999	GP01-052 / 00-02 CONF 2004	Ratio	Index Value	GP01-052 / 04-06 1999	GP01-052 / 04-06 CONF 2004	Ratio	Index Value	GP01-055 / 00-02 1999	GP01-055 / 00-02 CONF 2004	Ratio	Index Value
2,2'-OXYBIS(1-CHLOROPROPANE)	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
2,4,5-TRICHLOROPHENOL	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
2,4,6-TRICHLOROPHENOL	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
2,4-DICHLOROPHENOL	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
2,4-DIMETHYLPHENOL	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
2,4-DINITROPHENOL	UG/KG	1600	2000	0.80	1	1600	2000	0.80	1	1600	1700	0.94	1
2,4-DINITROTOLUENE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
2,6-DINITROTOLUENE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
2-CHLORONAPHTHALENE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
2-CHLOROPHENOL	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
2-METHYLNAPHTHALENE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
2-METHYLPHENOL	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
2-NITROANILINE	UG/KG	1600	2000	0.80	1	1600	2000	0.80	1	1600	1700	0.94	1
2-NITROPHENOL	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
3,3'-DICHLOROBENZIDINE	UG/KG	1600	2000	0.80	1	1600	2000	0.80	1	1600	1700	0.94	1
3-NITROANILINE	UG/KG	1600	2000	0.80	1	1600	2000	0.80	1	1600	1700	0.94	1
4,6-DINITRO-2-METHYLPHENOL	UG/KG	1600	2000	0.80	1	1600	2000	0.80	1	1600	1700	0.94	1
4-BROMOPHENYL PHENYL ETHER	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
4-CHLORO-3-METHYLPHENOL	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
4-CHLOROANILINE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
4-CHLOROPHENYL PHENYL ETHER	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
4-METHYLPHENOL	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
4-NITROANILINE	UG/KG	1600	2000	0.80	1	1600	2000	0.80	1	1600	1700	0.94	1
4-NITROPHENOL	UG/KG	1600	2000	0.80	1	1600	2000	0.80	1	1600	1700	0.94	1
ACENAPHTHENE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
ACENAPHTHYLENE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
ANTHRACENE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
BENZO(A)ANTHRACENE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
BENZO(A)PYRENE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
BENZO(B)FLUORANTHENE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
BENZO(GHI)PERYLENE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
BENZO(K)FLUORANTHENE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
BIS(2-CHLOROETHOXY)METHANE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
BIS(2-CHLOROETHYL) ETHER	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
BIS(2-ETHYLHEXYL) PHTHALATE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
BUTYL BENZYL PHTHALATE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
CARBAZOLE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
CHRYSENE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
DIBENZ(A,H)ANTHRACENE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
DIBENZOFURAN	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
DIETHYL PHTHALATE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
DIMETHYL PHTHALATE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
DI-N-BUTYL PHTHALATE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
DI-N-OCTYL PHTHALATE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
FLUORANTHENE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
FLUORENE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
HEXACHLOROBENZENE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
HEXACHLOROBUTADIENE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
HEXACHLOROCYCLOPENTADIENE	UG/KG	1600	2000	0.80	1	1600	2000	0.80	1	1600	1700	0.94	1
HEXACHLOROETHANE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
INDENO(1,2,3-CD)PYRENE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
ISOPHORONE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
NAPHTHALENE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
NITROBENZENE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
N-NITROSODI-N-PROPYLAMINE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
N-NITROSODIPHENYLAMINE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1

PENTACHLOROPHENOL	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
PHENANTHRENE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
PHENOL	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1
PYRENE	UG/KG	330	420	0.79	1	330	410	0.80	1	330	360	0.92	1

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TABLE 3: Method Reporting Limit Comparison - SVOCs

ANALYTE	UNITS	GP01-055 / 04-06 1999	GP01-055 / 04-06 CONF 2004	Ratio	Index Value
2,2'-OXYBIS(1-CHLOROPROPANE)	UG/KG	330	400	0.83	1
2,4,5-TRICHLOROPHENOL	UG/KG	330	400	0.83	1
2,4,6-TRICHLOROPHENOL	UG/KG	330	400	0.83	1
2,4-DICHLOROPHENOL	UG/KG	330	400	0.83	1
2,4-DIMETHYLPHENOL	UG/KG	330	400	0.83	1
2,4-DINITROPHENOL	UG/KG	1600	1900	0.84	1
2,4-DINITROTOLUENE	UG/KG	330	400	0.83	1
2,6-DINITROTOLUENE	UG/KG	330	400	0.83	1
2-CHLORONAPHTHALENE	UG/KG	330	400	0.83	1
2-CHLOROPHENOL	UG/KG	330	400	0.83	1
2-METHYLNAPHTHALENE	UG/KG	330	400	0.83	1
2-METHYLPHENOL	UG/KG	330	400	0.83	1
2-NITROANILINE	UG/KG	1600	1900	0.84	1
2-NITROPHENOL	UG/KG	330	400	0.83	1
3,3'-DICHLOROBENZIDINE	UG/KG	1600	1900	0.84	1
3-NITROANILINE	UG/KG	1600	1900	0.84	1
4,6-DINITRO-2-METHYLPHENOL	UG/KG	1600	1900	0.84	1
4-BROMOPHENYL PHENYL ETHER	UG/KG	330	400	0.83	1
4-CHLORO-3-METHYLPHENOL	UG/KG	330	400	0.83	1
4-CHLOROANILINE	UG/KG	330	400	0.83	1
4-CHLOROPHENYL PHENYL ETHER	UG/KG	330	400	0.83	1
4-METHYLPHENOL	UG/KG	330	400	0.83	1
4-NITROANILINE	UG/KG	1600	1900	0.84	1
4-NITROPHENOL	UG/KG	1600	1900	0.84	1
ACENAPHTHENE	UG/KG	330	400	0.83	1
ACENAPHTHYLENE	UG/KG	330	400	0.83	1
ANTHRACENE	UG/KG	330	400	0.83	1
BENZO(A)ANTHRACENE	UG/KG	330	400	0.83	1
BENZO(A)PYRENE	UG/KG	330	400	0.83	1
BENZO(B)FLUORANTHENE	UG/KG	330	400	0.83	1
BENZO(GHI)PERYLENE	UG/KG	330	400	0.83	1
BENZO(K)FLUORANTHENE	UG/KG	330	400	0.83	1
BIS(2-CHLOROETHOXY)METHANE	UG/KG	330	400	0.83	1
BIS(2-CHLOROETHYL) ETHER	UG/KG	330	400	0.83	1
BIS(2-ETHYLHEXYL) PHTHALATE	UG/KG	330	400	0.83	1
BUTYL BENZYL PHTHALATE	UG/KG	330	400	0.83	1
CARBAZOLE	UG/KG	330	400	0.83	1
CHRYSENE	UG/KG	330	400	0.83	1
DIBENZ(A,H)ANTHRACENE	UG/KG	330	400	0.83	1
DIBENZOFURAN	UG/KG	330	400	0.83	1
DIETHYL PHTHALATE	UG/KG	330	400	0.83	1
DIMETHYL PHTHALATE	UG/KG	330	400	0.83	1
DI-N-BUTYL PHTHALATE	UG/KG	330	400	0.83	1
DI-N-OCTYL PHTHALATE	UG/KG	330	400	0.83	1
FLUORANTHENE	UG/KG	330	400	0.83	1
FLUORENE	UG/KG	330	400	0.83	1
HEXACHLOROBENZENE	UG/KG	330	400	0.83	1
HEXACHLOROBUTADIENE	UG/KG	330	400	0.83	1
HEXACHLOROCYCLOPENTADIENE	UG/KG	1600	1900	0.84	1
HEXACHLOROETHANE	UG/KG	330	400	0.83	1
INDENO(1,2,3-CD)PYRENE	UG/KG	330	400	0.83	1
ISOPHORONE	UG/KG	330	400	0.83	1
NAPHTHALENE	UG/KG	330	400	0.83	1
NITROBENZENE	UG/KG	330	400	0.83	1
N-NITROSODI-N-PROPYLAMINE	UG/KG	330	400	0.83	1
N-NITROSODIPHENYLAMINE	UG/KG	330	400	0.83	1

PENTACHLOROPHENOL	UG/KG	330	400	0.83	1
PHENANTHRENE	UG/KG	330	400	0.83	1
PHENOL	UG/KG	330	400	0.83	1
PYRENE	UG/KG	330	400	0.83	1

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TABLE 4: Method Reporting Limit Comparison - PAHs

ANALYTE	UNITS	GP01-017 / 08-10 1998	GP01-017 / 08-10 CONF 2004	Ratio	Index Value	GP01-019 / 04-06 1998	GP01-019 / 04-06 CONF 2004	Ratio	Index Value
ACENAPHTHENE	UG/KG	100	97	1.0	1	100	21	4.8	0
ACENAPHTHYLENE	UG/KG	100	97	1.0	1	100	21	4.8	0
ANTHRACENE	UG/KG	100	19	5.3	0	100	4.1	24.4	0
BENZO(A)ANTHRACENE	UG/KG	5	19	0.3	1	5	4.1	1.2	1
BENZO(A)PYRENE	UG/KG	5	19	0.3	1	5	4.1	1.2	1
BENZO(B)FLUORANTHENE	UG/KG	5	19	0.3	1	5	4.1	1.2	1
BENZO(GHI)PERYLENE	UG/KG	10	19	0.5	1	10	4.1	2.4	0
BENZO(K)FLUORANTHENE	UG/KG	1.7	19	0.1	1	1.7	4.1	0.4	1
CHRYSENE	UG/KG	5	19	0.3	1	5	4.1	1.2	1
DIBENZ(A,H)ANTHRACENE	UG/KG	5	19	0.3	1	5	4.1	1.2	1
FLUORANTHENE	UG/KG	10	19	0.5	1	10	4.1	2.4	0
FLUORENE	UG/KG	100	19	5.3	0	100	4.1	24.4	0
INDENO(1,2,3-CD)PYRENE	UG/KG	5	19	0.3	1	5	4.1	1.2	1
NAPHTHALENE	UG/KG	100	97	1.0	1	100	21	4.8	0
PHENANTHRENE	UG/KG	100	19	5.3	0	100	4.1	24.4	0
PYRENE	UG/KG	5	19	0.3	1	5	4.1	1.2	1

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TABLE 4: Method Reporting Limit Comparison - PAHs

ANALYTE	UNITS	GP01-019 / 10-12 1998	GP01-019 / 10-12 CONF 2004	Ratio	Index Value	GP01-020 / 08-10 1998	GP01-020 / 08-10 CONF 2004	Ratio	Index Value
ACENAPHTHENE	UG/KG	100	40	2.5	0	100	19	5.3	0
ACENAPHTHYLENE	UG/KG	100	40	2.5	0	100	19	5.3	0
ANTHRACENE	UG/KG	100	7.7	13.0	0	100	3.7	27.0	0
BENZO(A)ANTHRACENE	UG/KG	5	7.7	0.6	1	5	3.7	1.4	1
BENZO(A)PYRENE	UG/KG	5	7.7	0.6	1	5	3.7	1.4	1
BENZO(B)FLUORANTHENE	UG/KG	5	7.7	0.6	1	5	3.7	1.4	1
BENZO(GHI)PERYLENE	UG/KG	10	7.7	1.3	1	10	3.7	2.7	0
BENZO(K)FLUORANTHENE	UG/KG	1.7	7.7	0.2	1	1.7	3.7	0.5	1
CHRYSENE	UG/KG	5	7.7	0.6	1	5	3.7	1.4	1
DIBENZ(A,H)ANTHRACENE	UG/KG	5	7.7	0.6	1	5	3.7	1.4	1
FLUORANTHENE	UG/KG	10	7.7	1.3	1	10	3.7	2.7	0
FLUORENE	UG/KG	100	7.7	13.0	0	100	3.7	27.0	0
INDENO(1,2,3-CD)PYRENE	UG/KG	5	7.7	0.6	1	5	3.7	1.4	1
NAPHTHALENE	UG/KG	100	40	2.5	0	100	19	5.3	0
PHENANTHRENE	UG/KG	100	7.7	13.0	0	100	3.7	27.0	0
PYRENE	UG/KG	5	7.7	0.6	1	5	3.7	1.4	1

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TABLE 4: Method Reporting Limit Comparison - PAHs

ANALYTE	UNITS	GP01-030 / 01-02 1998	GP01-030 / 01-02 CONF 2004	Ratio	Index Value	GP01-030 / 06-08 1998	GP01-030 / 06-08 CONF 2004	Ratio	Index Value
ACENAPHTHENE	UG/KG	100	110	0.9	1	100	22	4.5	0
ACENAPHTHYLENE	UG/KG	100	110	0.9	1	100	22	4.5	0
ANTHRACENE	UG/KG	100	21	4.8	0	100	4.2	23.8	0
BENZO(A)ANTHRACENE	UG/KG	5	21	0.2	1	5	4.2	1.2	1
BENZO(A)PYRENE	UG/KG	5	21	0.2	1	5	4.2	1.2	1
BENZO(B)FLUORANTHENE	UG/KG	5	21	0.2	1	5	4.2	1.2	1
BENZO(GHI)PERYLENE	UG/KG	10	21	0.5	1	10	4.2	2.4	0
BENZO(K)FLUORANTHENE	UG/KG	1.7	21	0.1	1	1.7	4.2	0.4	1
CHRYSENE	UG/KG	5	21	0.2	1	5	4.2	1.2	1
DIBENZ(A,H)ANTHRACENE	UG/KG	5	21	0.2	1	5	4.2	1.2	1
FLUORANTHENE	UG/KG	10	21	0.5	1	10	4.2	2.4	0
FLUORENE	UG/KG	100	21	4.8	0	100	4.2	23.8	0
INDENO(1,2,3-CD)PYRENE	UG/KG	5	21	0.2	1	5	4.2	1.2	1
NAPHTHALENE	UG/KG	100	110	0.9	1	100	22	4.5	0
PHENANTHRENE	UG/KG	100	21	4.8	0	100	4.2	23.8	0
PYRENE	UG/KG	5	21	0.2	1	5	4.2	1.2	1

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TABLE 4: Method Reporting Limit Comparison - PAHs

ANALYTE	UNITS	GP01-052 / 04-06 1999	GP01-052 / 04-06 CONF 2004	Ratio	Index Value	GP01-055 / 04-06 1999	GP01-055 / 04-06 CONF 2004	Ratio	Index Value
ACENAPHTHENE	UG/KG	100	21	4.8	0	100	21	4.8	0
ACENAPHTHYLENE	UG/KG	100	21	4.8	0	100	21	4.8	0
ANTHRACENE	UG/KG	100	4.1	24.4	0	100	4	25.0	0
BENZO(A)ANTHRACENE	UG/KG	5	4.1	1.2	1	5	4	1.3	1
BENZO(A)PYRENE	UG/KG	5	4.1	1.2	1	5	4	1.3	1
BENZO(B)FLUORANTHENE	UG/KG	5	4.1	1.2	1	5	4	1.3	1
BENZO(GHI)PERYLENE	UG/KG	10	4.1	2.4	0	10	4	2.5	0
BENZO(K)FLUORANTHENE	UG/KG	1.7	4.1	0.4	1	1.7	4	0.4	1
CHRYSENE	UG/KG	5	4.1	1.2	1	5	4	1.3	1
DIBENZ(A,H)ANTHRACENE	UG/KG	5	4.1	1.2	1	5	4	1.3	1
FLUORANTHENE	UG/KG	10	4.1	2.4	0	10	4	2.5	0
FLUORENE	UG/KG	100	4.1	24.4	0	100	4	25.0	0
INDENO(1,2,3-CD)PYRENE	UG/KG	5	4.1	1.2	1	5	4	1.3	1
NAPHTHALENE	UG/KG	100	21	4.8	0	100	21	4.8	0
PHENANTHRENE	UG/KG	100	4.1	24.4	0	100	4	25.0	0
PYRENE	UG/KG	5	4.1	1.2	1	5	4	1.3	1

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TABLE 4: Method Reporting Limit Comparison - PAHs

ANALYTE	UNITS	GP01-059 / 00-02 1999	GP01-059 / 00-02 CONF 2004	Ratio	Index Value	GP01-059 / 04-06 1999	GP01-059 / 04-06 CONF 2004	Ratio	Index Value
ACENAPHTHENE	UG/KG	100	43	2.3	0	100	19	5.3	0
ACENAPHTHYLENE	UG/KG	100	43	2.3	0	100	19	5.3	0
ANTHRACENE	UG/KG	100	8.3	12.0	0	100	3.7	27.0	0
BENZO(A)ANTHRACENE	UG/KG	5	8.3	0.6	1	5	3.7	1.4	1
BENZO(A)PYRENE	UG/KG	5	8.3	0.6	1	5	3.7	1.4	1
BENZO(B)FLUORANTHENE	UG/KG	5	8.3	0.6	1	5	3.7	1.4	1
BENZO(GHI)PERYLENE	UG/KG	10	8.3	1.2	1	10	3.7	2.7	0
BENZO(K)FLUORANTHENE	UG/KG	1.7	8.3	0.2	1	1.7	3.7	0.5	1
CHRYSENE	UG/KG	5	8.3	0.6	1	5	3.7	1.4	1
DIBENZ(A,H)ANTHRACENE	UG/KG	5	8.3	0.6	1	5	3.7	1.4	1
FLUORANTHENE	UG/KG	10	8.3	1.2	1	10	3.7	2.7	0
FLUORENE	UG/KG	100	8.3	12.0	0	100	3.7	27.0	0
INDENO(1,2,3-CD)PYRENE	UG/KG	5	8.3	0.6	1	5	3.7	1.4	1
NAPHTHALENE	UG/KG	100	43	2.3	0	100	19	5.3	0
PHENANTHRENE	UG/KG	100	8.3	12.0	0	100	3.7	27.0	0
PYRENE	UG/KG	5	8.3	0.6	1	5	3.7	1.4	1

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TABLE 4: Method Reporting Limit Comparison - PAHs

ANALYTE	UNITS	GP01-064 / 04-06 1999	GP01-064 / 04-06 CONF 2004	Ratio	Index Value	GP01-068 / 00-02 1999	GP01-068 / 01-02 CONF 2004	Ratio	Index Value
ACENAPHTHENE	UG/KG	1000	61	16.4	0	100	36	2.8	0
ACENAPHTHYLENE	UG/KG	1000	61	16.4	0	100	36	2.8	0
ANTHRACENE	UG/KG	1000	12	83.3	0	100	7	14.3	0
BENZO(A)ANTHRACENE	UG/KG	50	12	4.2	0	5	7	0.7	1
BENZO(A)PYRENE	UG/KG	50	12	4.2	0	5	7	0.7	1
BENZO(B)FLUORANTHENE	UG/KG	50	12	4.2	0	5	7	0.7	1
BENZO(GHI)PERYLENE	UG/KG	100	12	8.3	0	10	7	1.4	1
BENZO(K)FLUORANTHENE	UG/KG	17	12	1.4	1	1.7	7	0.2	1
CHRYSENE	UG/KG	50	12	4.2	0	5	7	0.7	1
DIBENZ(A,H)ANTHRACENE	UG/KG	50	12	4.2	0	5	7	0.7	1
FLUORANTHENE	UG/KG	100	12	8.3	0	10	7	1.4	1
FLUORENE	UG/KG	1000	12	83.3	0	100	7	14.3	0
INDENO(1,2,3-CD)PYRENE	UG/KG	50	12	4.2	0	5	7	0.7	1
NAPHTHALENE	UG/KG	1000	61	16.4	0	100	36	2.8	0
PHENANTHRENE	UG/KG	1000	12	83.3	0	100	7	14.3	0
PYRENE	UG/KG	50	12	4.2	0	5	7	0.7	1

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TABLE 4: Method Reporting Limit Comparison - PAHs

ANALYTE	UNITS	GP01-068 / 04-06 1999	GP01-068 / 04-06 CONF 2004	Ratio	Index Value	GP01-080 / 00-02 1999	GP01-080 / 00-02 CONF 2004	Ratio	Index Value
ACENAPHTHENE	UG/KG	100	110	0.9	1	100	92	1.1	1
ACENAPHTHYLENE	UG/KG	100	110	0.9	1	100	92	1.1	1
ANTHRACENE	UG/KG	100	21	4.8	0	100	18	5.6	0
BENZO(A)ANTHRACENE	UG/KG	5	21	0.2	1	5	18	0.3	1
BENZO(A)PYRENE	UG/KG	5	21	0.2	1	5	18	0.3	1
BENZO(B)FLUORANTHENE	UG/KG	5	21	0.2	1	5	18	0.3	1
BENZO(GHI)PERYLENE	UG/KG	10	21	0.5	1	10	18	0.6	1
BENZO(K)FLUORANTHENE	UG/KG	1.7	21	0.1	1	1.7	18	0.1	1
CHRYSENE	UG/KG	5	21	0.2	1	5	18	0.3	1
DIBENZ(A,H)ANTHRACENE	UG/KG	5	21	0.2	1	5	18	0.3	1
FLUORANTHENE	UG/KG	10	21	0.5	1	10	18	0.6	1
FLUORENE	UG/KG	100	21	4.8	0	100	18	5.6	0
INDENO(1,2,3-CD)PYRENE	UG/KG	5	21	0.2	1	5	18	0.3	1
NAPHTHALENE	UG/KG	100	110	0.9	1	100	92	1.1	1
PHENANTHRENE	UG/KG	100	21	4.8	0	100	18	5.6	0
PYRENE	UG/KG	5	21	0.2	1	5	18	0.3	1

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TABLE 4: Method Reporting Limit Comparison - PAHs

ANALYTE	UNITS	GP01-080 / 04-06 1999	GP01-080 / 04-06 CONF 2004	Ratio	Index Value	RW01-04 / 06-08 1999	RW01-04 / 06-08 CONF 2004	Ratio	Index Value
ACENAPHTHENE	UG/KG	2000	42	47.6	0	100	40	2.5	0
ACENAPHTHYLENE	UG/KG	2000	42	47.6	0	100	40	2.5	0
ANTHRACENE	UG/KG	2000	8.1	246.9	0	100	7.8	12.8	0
BENZO(A)ANTHRACENE	UG/KG	100	8.1	12.3	0	5	7.8	0.6	1
BENZO(A)PYRENE	UG/KG	100	8.1	12.3	0	5	7.8	0.6	1
BENZO(B)FLUORANTHENE	UG/KG	100	8.1	12.3	0	5	7.8	0.6	1
BENZO(GHI)PERYLENE	UG/KG	200	8.1	24.7	0	10	7.8	1.3	1
BENZO(K)FLUORANTHENE	UG/KG	34	8.1	4.2	0	1.7	7.8	0.2	1
CHRYSENE	UG/KG	100	8.1	12.3	0	5	7.8	0.6	1
DIBENZ(A,H)ANTHRACENE	UG/KG	100	8.1	12.3	0	5	7.8	0.6	1
FLUORANTHENE	UG/KG	200	8.1	24.7	0	10	7.8	1.3	1
FLUORENE	UG/KG	2000	8.1	246.9	0	100	7.8	12.8	0
INDENO(1,2,3-CD)PYRENE	UG/KG	100	8.1	12.3	0	5	7.8	0.6	1
NAPHTHALENE	UG/KG	2000	42	47.6	0	100	40	2.5	0
PHENANTHRENE	UG/KG	2000	8.1	246.9	0	100	7.8	12.8	0
PYRENE	UG/KG	100	8.1	12.3	0	5	7.8	0.6	1

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TABLE 4: Method Reporting Limit Comparison - PAHs

ANALYTE	UNITS	RW01-04 / 08-10 1999	RW01-04 / 08-10 CONF 2004	Ratio	Index Value
ACENAPHTHENE	UG/KG	100	44	2.3	0
ACENAPHTHYLENE	UG/KG	100	44	2.3	0
ANTHRACENE	UG/KG	100	8.5	11.8	0
BENZO(A)ANTHRACENE	UG/KG	5	8.5	0.6	1
BENZO(A)PYRENE	UG/KG	5	8.5	0.6	1
BENZO(B)FLUORANTHENE	UG/KG	5	8.5	0.6	1
BENZO(GHI)PERYLENE	UG/KG	10	8.5	1.2	1
BENZO(K)FLUORANTHENE	UG/KG	1.7	8.5	0.2	1
CHRYSENE	UG/KG	5	8.5	0.6	1
DIBENZ(A,H)ANTHRACENE	UG/KG	5	8.5	0.6	1
FLUORANTHENE	UG/KG	10	8.5	1.2	1
FLUORENE	UG/KG	100	8.5	11.8	0
INDENO(1,2,3-CD)PYRENE	UG/KG	5	8.5	0.6	1
NAPHTHALENE	UG/KG	100	44	2.3	0
PHENANTHRENE	UG/KG	100	8.5	11.8	0
PYRENE	UG/KG	5	8.5	0.6	1

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TABLE 5: Method Reporting Limit Comparison - VOCs

ANALYTE	UNITS	GP01-017 / 00-02 1998	GP01-017 / 00-02 CONF 2004	Ratio	Index Value	GP01-017 / 04-06 1998	GP01-017 / 04-06 CONF 2004	Ratio	Index Value	GP01-017 / 08-10 1998	GP01-017 / 08-10 CONF 2004	Ratio	Index Value	GP01-019 / 02_6-03_5 1998	GP01-019 / 02_5-03_5 CONF 2004	Ratio	Index Value
1,1,1-TRICHLOROETHANE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
1,1,2,2-TETRACHLOROETHANE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
1,1,2-TRICHLOROETHANE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
1,1-DICHLOROETHANE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
1,1-DICHLOROETHENE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
1,2-DICHLOROETHANE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
1,2-DICHLOROPROPANE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
2-BUTANONE	UG/KG	20	42	0.48	1	2500	2000	1.25	1	6200	6200	1.00	1	20	30	0.67	1
2-HEXANONE	UG/KG	20	42	0.48	1	2500	2000	1.25	1	6200	6200	1.00	1	20	30	0.67	1
4-METHYL-2-PENTANONE	UG/KG	20	42	0.48	1	2500	2000	1.25	1	6200	6200	1.00	1	20	30	0.67	1
ACETONE	UG/KG	20	42	0.48	1	2500	2000	1.25	1	6200	6200	1.00	1	20	30	0.67	1
BENZENE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
BROMODICHLOROMETHANE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
BROMOFORM	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
BROMOMETHANE	UG/KG	10	11	0.91	1	1200	510	2.35	0	3100	1500	2.07	0	10	7.5	1.33	1
CARBON DISULFIDE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
CARBON TETRACHLORIDE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
CHLOROBENZENE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
CHLOROETHANE	UG/KG	10	11	0.91	1	1200	510	2.35	0	3100	1500	2.07	0	10	7.5	1.33	1
CHLOROFORM	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
CHLOROMETHANE	UG/KG	10	11	0.91	1	1200	510	2.35	0	3100	1500	2.07	0	10	7.5	1.33	1
CIS-1,2-DICHLOROETHENE	UG/KG	2.5	5.3	0.47	1	310	260	1.19	1	780	770	1.01	1	2.5	3.7	0.68	1
CIS-1,3-DICHLOROPROPENE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
DIBROMOCHLOROMETHANE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
ETHYLBENZENE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
METHYLENE CHLORIDE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
STYRENE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
TETRACHLOROETHENE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
TOLUENE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
TRANS-1,3-DICHLOROPROPENE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
TRICHLOROETHENE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
VINYL CHLORIDE	UG/KG	10	11	0.91	1	1200	510	2.35	0	3100	1500	2.07	0	10	7.5	1.33	1
XYLENES (TOTAL)	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1

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TABLE 5: Method Reporting Limit Comparison - VOCs

ANALYTE	UNITS	GP01-019 / 04-06 1998	GP01-019 / 04-06 CONF 2004	Ratio	Index Value	GP01-019 / 10-12 1998	GP01-019 / 10-12 CONF 2004	Ratio	Index Value	GP01-020 / 02-03 1998	GP01-020 / 02-03 CONF 2004	Ratio	Index Value	GP01-020 / 04-06 1998	GP01-020 / 04-06 CONF 2004	Ratio	Index Value
1,1,1-TRICHLOROETHANE	UG/KG	10	310	0.03	1	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
1,1,2,2-TETRACHLOROETHANE	UG/KG	10	310	0.03	1	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
1,1,2-TRICHLOROETHANE	UG/KG	10	310	0.03	1	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
1,1-DICHLOROETHANE	UG/KG	10	310	0.03	1	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
1,1-DICHLOROETHENE	UG/KG	10	310	0.03	1	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
1,2-DICHLOROETHANE	UG/KG	10	310	0.03	1	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
1,2-DICHLOROPROPANE	UG/KG	10	310	0.03	1	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
2-BUTANONE	UG/KG	40	1200	0.03	1	50000	110000	0.45	1	2500	27	92.59	0	2500	39	64.10	0
2-HEXANONE	UG/KG	40	1200	0.03	1	50000	110000	0.45	1	2500	27	92.59	0	2500	39	64.10	0
4-METHYL-2-PENTANONE	UG/KG	40	1200	0.03	1	50000	110000	0.45	1	2500	27	92.59	0	2500	39	64.10	0
ACETONE	UG/KG	40	1200	0.03	1	50000	110000	0.45	1	2500	27	92.59	0	2500	39	64.10	0
BENZENE	UG/KG	10	310	0.03	1	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
BROMODICHLOROMETHANE	UG/KG	10	310	0.03	1	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
BROMOFORM	UG/KG	10	310	0.03	1	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
BROMOMETHANE	UG/KG	20	310	0.06	1	25000	27000	0.93	1	1200	6.7	179.10	0	1200	9.9	121.21	0
CARBON DISULFIDE	UG/KG	10	310	0.03	1	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
CARBON TETRACHLORIDE	UG/KG	10	310	0.03	1	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
CHLOROBENZENE	UG/KG	10	310	0.03	1	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
CHLOROETHANE	UG/KG	20	310	0.06	1	25000	27000	0.93	1	1200	6.7	179.10	0	1200	9.9	121.21	0
CHLOROFORM	UG/KG	10	310	0.03	1	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
CHLOROMETHANE	UG/KG	20	310	0.06	1	25000	27000	0.93	1	1200	6.7	179.10	0	1200	9.9	121.21	0
CIS-1,2-DICHLOROETHENE	UG/KG	5	150	0.03	1	6200	13000	0.48	1	310	3.3	93.94	0	310	4.9	63.27	0
CIS-1,3-DICHLOROPROPENE	UG/KG	10	310	0.03	1	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
DIBROMOCHLOROMETHANE	UG/KG	10	310	0.03	1	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
ETHYLBENZENE	UG/KG	10	310	0.03	1	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
METHYLENE CHLORIDE	UG/KG	10	310	0.03	1	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
STYRENE	UG/KG	10	310	0.03	1	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
TETRACHLOROETHENE	UG/KG	10	310	0.03	1	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
TOLUENE	UG/KG	10	310	0.03	1	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
TRANS-1,3-DICHLOROPROPENE	UG/KG	10	310	0.03	1	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
TRICHLOROETHENE	UG/KG	10	310	0.03	1	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
VINYL CHLORIDE	UG/KG	20	310	0.06	1	25000	27000	0.93	1	1200	6.7	179.10	0	1200	9.9	121.21	0
XYLENES (TOTAL)	UG/KG	10	310	0.03	1	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0

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TABLE 5: Method Reporting Limit Comparison - VOCs

ANALYTE	UNITS	GP01-020 / 06-08 1998	GP01-020 / 06-08 CONF 2004	Ratio	Index Value	GP01-020 / 08-10 1998	GP01-020 / 08-10 CONF 2004	Ratio	Index Value	GP01-050 / 00-02 1999	GP01-050 / 00-02 CONF 2004	Ratio	Index Value	GP01-050 / 04-06 1999	GP01-050 / 04-06 CONF 2004	Ratio	Index Value
1,1,1-TRICHLOROETHANE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
1,1,2,2-TETRACHLOROETHANE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
1,1,2-TRICHLOROETHANE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
1,1-DICHLOROETHANE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
1,1-DICHLOROETHENE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
1,2-DICHLOROETHANE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
1,2-DICHLOROPROPANE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
2-BUTANONE	UG/KG	2500	62	40.32	0	2500	22	113.64	0	860	33	26.06	0	860	1800	0.48	1
2-HEXANONE	UG/KG	2500	62	40.32	0	2500	22	113.64	0	860	33	26.06	0	860	1800	0.48	1
4-METHYL-2-PENTANONE	UG/KG	2500	62	40.32	0	2500	22	113.64	0	860	33	26.06	0	860	1800	0.48	1
ACETONE	UG/KG	2500	62	40.32	0	2500	22	113.64	0	860	33	26.06	0	860	1800	0.48	1
BENZENE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
BROMODICHLOROMETHANE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
BROMOFORM	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
BROMOMETHANE	UG/KG	1200	15	80.00	0	1200	5.4	222.22	0	430	8.2	52.44	0	430	450	0.96	1
CARBON DISULFIDE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
CARBON TETRACHLORIDE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
CHLOROBENZENE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
CHLOROETHANE	UG/KG	1200	15	80.00	0	1200	5.4	222.22	0	430	8.2	52.44	0	430	450	0.96	1
CHLOROFORM	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
CHLOROMETHANE	UG/KG	1200	15	80.00	0	1200	5.4	222.22	0	430	8.2	52.44	0	430	450	0.96	1
CIS-1,2-DICHLOROETHENE	UG/KG	310	7.7	40.26	0	310	2.7	114.81	0	110	4.1	26.83	0	110	230	0.48	1
CIS-1,3-DICHLOROPROPENE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
DIBROMOCHLOROMETHANE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
ETHYLBENZENE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
METHYLENE CHLORIDE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
STYRENE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
TETRACHLOROETHENE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
TOLUENE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
TRANS-1,3-DICHLOROPROPENE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
TRICHLOROETHENE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
VINYL CHLORIDE	UG/KG	1200	15	80.00	0	1200	5.4	222.22	0	430	8.2	52.44	0	430	450	0.96	1
XYLENES (TOTAL)	UG/KG	620	15	41.33	0	620	5.4	114.81	0	430	8.2	52.44	0	430	450	0.96	1

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TABLE 5: Method Reporting Limit Comparison - VOCs

ANALYTE	UNITS	GP01-050 / 08-10 1999	GP01-050 / 08-10 CONF 2004	Ratio	Index Value	GP01-050 / 16-18 1999	GP01-050 / 16-18 CONF 2004	Ratio	Index Value	GP01-052 / 00-02 1999	GP01-052 / 00-02 CONF 2004	Ratio	Index Value	GP01-052 / 04-06 1999	GP01-052 / 04-06 CONF 2004	Ratio	Index Value
1,1,1-TRICHLOROETHANE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
1,1,2,2-TETRACHLOROETHANE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
1,1,2-TRICHLOROETHANE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
1,1-DICHLOROETHANE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
1,1-DICHLOROETHENE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
1,2-DICHLOROETHANE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
1,2-DICHLOROPROPANE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
2-BUTANONE	UG/KG	150000	9000	16.67	0	20	17	1.18	1	17	38	0.45	1	780	1700	0.46	1
2-HEXANONE	UG/KG	150000	9000	16.67	0	20	17	1.18	1	17	38	0.45	1	780	1700	0.46	1
4-METHYL-2-PENTANONE	UG/KG	150000	9000	16.67	0	20	17	1.18	1	17	38	0.45	1	780	1700	0.46	1
ACETONE	UG/KG	150000	9000	16.67	0	20	17	1.18	1	17	38	0.45	1	780	1700	0.46	1
BENZENE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
BROMODICHLOROMETHANE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
BROMOFORM	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
BROMOMETHANE	UG/KG	73000	2300	31.74	0	10	4.3	2.33	0	8.3	9.6	0.86	1	390	410	0.95	1
CARBON DISULFIDE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
CARBON TETRACHLORIDE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
CHLOROBENZENE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
CHLOROETHANE	UG/KG	73000	2300	31.74	0	10	4.3	2.33	0	8.3	9.6	0.86	1	390	410	0.95	1
CHLOROFORM	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
CHLOROMETHANE	UG/KG	73000	2300	31.74	0	10	4.3	2.33	0	8.3	9.6	0.86	1	390	410	0.95	1
CIS-1,2-DICHLOROETHENE	UG/KG	18000	1100	16.36	0	2.5	2.2	1.14	1	2.1	4.8	0.44	1	98	210	0.47	1
CIS-1,3-DICHLOROPROPENE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
DIBROMOCHLOROMETHANE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
ETHYLBENZENE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
METHYLENE CHLORIDE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
STYRENE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
TETRACHLOROETHENE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
TOLUENE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
TRANS-1,3-DICHLOROPROPENE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
TRICHLOROETHENE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
VINYL CHLORIDE	UG/KG	73000	2300	31.74	0	10	4.3	2.33	0	8.3	9.6	0.86	1	390	410	0.95	1
XYLENES (TOTAL)	UG/KG	73000	2300	31.74	0	5	4.3	1.16	1	8.3	9.6	0.86	1	390	410	0.95	1

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TABLE 5: Method Reporting Limit Comparison - VOCs

ANALYTE	UNITS	GP01-052 / 08-10 1999	GP01-052 / 08-10 CONF 2004	Ratio	Index Value	GP01-055 / 00-02 1999	GP01-055 / 00-02 CONF 2004	Ratio	Index Value	GP01-055 / 04-06 1999	GP01-055 / 04-06 CONF 2004	Ratio	Index Value	GP01-055 / 08-10 1999	GP01-055 / 08-10 CONF 2004	Ratio	Index Value
1,1,1-TRICHLOROETHANE	UG/KG	380	400	0.95	1	280	4500	0.06	1	560	420	1.33	1	1800	1000	1.80	1
1,1,2,2-TETRACHLOROETHANE	UG/KG	380	400	0.95	1	280	4500	0.06	1	560	420	1.33	1	1800	1000	1.80	1
1,1,2-TRICHLOROETHANE	UG/KG	380	400	0.95	1	280	4500	0.06	1	560	420	1.33	1	1800	1000	1.80	1
1,1-DICHLOROETHANE	UG/KG	380	400	0.95	1	280	4500	0.06	1	560	420	1.33	1	1800	1000	1.80	1
1,1-DICHLOROETHENE	UG/KG	380	400	0.95	1	280	4500	0.06	1	560	420	1.33	1	1800	1000	1.80	1
1,2-DICHLOROETHANE	UG/KG	380	400	0.95	1	280	4500	0.06	1	560	420	1.33	1	1800	1000	1.80	1
1,2-DICHLOROPROPANE	UG/KG	380	400	0.95	1	280	4500	0.06	1	560	420	1.33	1	1800	1000	1.80	1
2-BUTANONE	UG/KG	1500	1600	0.94	1	1100	18000	0.06	1	2200	1700	1.29	1	7300	4100	1.78	1
2-HEXANONE	UG/KG	1500	1600	0.94	1	1100	18000	0.06	1	2200	1700	1.29	1	7300	4100	1.78	1
4-METHYL-2-PENTANONE	UG/KG	1500	1600	0.94	1	1100	18000	0.06	1	2200	1700	1.29	1	7300	4100	1.78	1
ACETONE	UG/KG	1500	1600	0.94	1	1100	18000	0.06	1	2200	1700	1.29	1	7300	4100	1.78	1
BENZENE	UG/KG	380	400	0.95	1	280	4500	0.06	1	560	420	1.33	1	1800	1000	1.80	1
BROMODICHLOROMETHANE	UG/KG	380	400	0.95	1	280	4500	0.06	1	560	420	1.33	1	1800	1000	1.80	1
BROMOFORM	UG/KG	380	400	0.95	1	280	4500	0.06	1	560	420	1.33	1	1800	1000	1.80	1
BROMOMETHANE	UG/KG	750	400	1.88	1	570	4500	0.13	1	1100	420	2.62	0	3600	1000	3.60	0
CARBON DISULFIDE	UG/KG	380	400	0.95	1	280	4500	0.06	1	560	420	1.33	1	1800	1000	1.80	1
CARBON TETRACHLORIDE	UG/KG	380	400	0.95	1	280	4500	0.06	1	560	420	1.33	1	1800	1000	1.80	1
CHLOROBENZENE	UG/KG	380	400	0.95	1	280	4500	0.06	1	560	420	1.33	1	1800	1000	1.80	1
CHLOROETHANE	UG/KG	750	400	1.88	1	570	4500	0.13	1	1100	420	2.62	0	3600	1000	3.60	0
CHLOROFORM	UG/KG	380	400	0.95	1	280	4500	0.06	1	560	420	1.33	1	1800	1000	1.80	1
CHLOROMETHANE	UG/KG	750	400	1.88	1	570	4500	0.13	1	1100	420	2.62	0	3600	1000	3.60	0
CIS-1,2-DICHLOROETHENE	UG/KG	190	200	0.95	1	140	2200	0.06	1	280	210	1.33	1	910	510	1.78	1
CIS-1,3-DICHLOROPROPENE	UG/KG	380	400	0.95	1	280	4500	0.06	1	560	420	1.33	1	1800	1000	1.80	1
DIBROMOCHLOROMETHANE	UG/KG	380	400	0.95	1	280	4500	0.06	1	560	420	1.33	1	1800	1000	1.80	1
ETHYLBENZENE	UG/KG	380	400	0.95	1	280	4500	0.06	1	560	420	1.33	1	1800	1000	1.80	1
METHYLENE CHLORIDE	UG/KG	380	400	0.95	1	280	4500	0.06	1	560	420	1.33	1	1800	1000	1.80	1
STYRENE	UG/KG	380	400	0.95	1	280	4500	0.06	1	560	420	1.33	1	1800	1000	1.80	1
TETRACHLOROETHENE	UG/KG	380	400	0.95	1	280	4500	0.06	1	560	420	1.33	1	1800	1000	1.80	1
TOLUENE	UG/KG	380	400	0.95	1	280	4500	0.06	1	560	420	1.33	1	1800	1000	1.80	1
TRANS-1,3-DICHLOROPROPENE	UG/KG	380	400	0.95	1	280	4500	0.06	1	560	420	1.33	1	1800	1000	1.80	1
TRICHLOROETHENE	UG/KG	380	400	0.95	1	280	4500	0.06	1	560	420	1.33	1	1800	1000	1.80	1
VINYL CHLORIDE	UG/KG	750	400	1.88	1	570	4500	0.13	1	1100	420	2.62	0	3600	1000	3.60	0
XYLENES (TOTAL)	UG/KG	750	400	1.88	1	570	4500	0.13	1	1100	420	2.62	0	3600	1000	3.60	0

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TABLE 5: Method Reporting Limit Comparison - VOCs

ANALYTE	UNITS	GP01-080 / 00-02 1999	GP01-080 / 00-02 CONF 2004	Ratio	Index Value	GP01-080 / 04-06 1999	GP01-080 / 04-06 CONF 2004	Ratio	Index Value	GP01-080 / 08-10 1999	GP01-080 / 08-10 CONF 2004	Ratio	Index Value	RW01-04 / 02-04 1999	RW01-04 / 02-04 CONF 2004	Ratio	Index Value
1,1,1-TRICHLOROETHANE	UG/KG	4.2	530	0.01	1	4.4	320	0.01	1	3.8	410	0.01	1	25	10	2.50	0
1,1,2,2-TETRACHLOROETHANE	UG/KG	4.2	530	0.01	1	4.4	320	0.01	1	3.8	410	0.01	1	25	10	2.50	0
1,1,2-TRICHLOROETHANE	UG/KG	4.2	530	0.01	1	4.4	320	0.01	1	3.8	410	0.01	1	25	10	2.50	0
1,1-DICHLOROETHANE	UG/KG	4.2	530	0.01	1	4.4	320	0.01	1	3.8	410	0.01	1	25	10	2.50	0
1,1-DICHLOROETHENE	UG/KG	4.2	530	0.01	1	4.4	320	0.01	1	3.8	410	0.01	1	25	10	2.50	0
1,2-DICHLOROETHANE	UG/KG	4.2	530	0.01	1	4.4	320	0.01	1	3.8	410	0.01	1	25	10	2.50	0
1,2-DICHLOROPROPANE	UG/KG	4.2	530	0.01	1	4.4	320	0.01	1	3.8	410	0.01	1	25	10	2.50	0
2-BUTANONE	UG/KG	17	2100	0.01	1	18	1300	0.01	1	15	1600	0.01	1	100	41	2.44	0
2-HEXANONE	UG/KG	17	2100	0.01	1	18	1300	0.01	1	15	1600	0.01	1	100	41	2.44	0
4-METHYL-2-PENTANONE	UG/KG	17	2100	0.01	1	18	1300	0.01	1	15	1600	0.01	1	100	41	2.44	0
ACETONE	UG/KG	17	2100	0.01	1	18	1300	0.01	1	15	1600	0.01	1	100	41	2.44	0
BENZENE	UG/KG	4.2	530	0.01	1	4.4	320	0.01	1	3.8	410	0.01	1	25	10	2.50	0
BROMODICHLOROMETHANE	UG/KG	4.2	530	0.01	1	4.4	320	0.01	1	3.8	410	0.01	1	25	10	2.50	0
BROMOFORM	UG/KG	4.2	530	0.01	1	4.4	320	0.01	1	3.8	410	0.01	1	25	10	2.50	0
BROMOMETHANE	UG/KG	8.3	530	0.02	1	8.8	320	0.03	1	7.6	410	0.02	1	50	10	5.00	0
CARBON DISULFIDE	UG/KG	4.2	530	0.01	1	4.4	320	0.01	1	3.8	410	0.01	1	25	10	2.50	0
CARBON TETRACHLORIDE	UG/KG	4.2	530	0.01	1	4.4	320	0.01	1	3.8	410	0.01	1	25	10	2.50	0
CHLOROBENZENE	UG/KG	4.2	530	0.01	1	4.4	320	0.01	1	3.8	410	0.01	1	25	10	2.50	0
CHLOROETHANE	UG/KG	8.3	530	0.02	1	8.8	320	0.03	1	7.6	410	0.02	1	50	10	5.00	0
CHLOROFORM	UG/KG	4.2	530	0.01	1	4.4	320	0.01	1	3.8	410	0.01	1	25	10	2.50	0
CHLOROMETHANE	UG/KG	8.3	530	0.02	1	8.8	320	0.03	1	7.6	410	0.02	1	50	10	5.00	0
CIS-1,2-DICHLOROETHENE	UG/KG	2.1	260	0.01	1	2.2	160	0.01	1	1.9	200	0.01	1	12	5.2	2.31	0
CIS-1,3-DICHLOROPROPENE	UG/KG	4.2	530	0.01	1	4.4	320	0.01	1	3.8	410	0.01	1	25	10	2.50	0
DIBROMOCHLOROMETHANE	UG/KG	4.2	530	0.01	1	4.4	320	0.01	1	3.8	410	0.01	1	25	10	2.50	0
ETHYLBENZENE	UG/KG	4.2	530	0.01	1	4.4	320	0.01	1	3.8	410	0.01	1	25	10	2.50	0
METHYLENE CHLORIDE	UG/KG	4.2	530	0.01	1	4.4	320	0.01	1	3.8	410	0.01	1	25	10	2.50	0
STYRENE	UG/KG	4.2	530	0.01	1	4.4	320	0.01	1	3.8	410	0.01	1	25	10	2.50	0
TETRACHLOROETHENE	UG/KG	4.2	530	0.01	1	4.4	320	0.01	1	3.8	410	0.01	1	25	10	2.50	0
TOLUENE	UG/KG	4.2	530	0.01	1	4.4	320	0.01	1	3.8	410	0.01	1	25	10	2.50	0
TRANS-1,3-DICHLOROPROPENE	UG/KG	4.2	530	0.01	1	4.4	320	0.01	1	3.8	410	0.01	1	25	10	2.50	0
TRICHLOROETHENE	UG/KG	4.2	530	0.01	1	4.4	320	0.01	1	3.8	410	0.01	1	25	10	2.50	0
VINYL CHLORIDE	UG/KG	8.3	530	0.02	1	8.8	320	0.03	1	7.6	410	0.02	1	50	10	5.00	0
XYLENES (TOTAL)	UG/KG	8.3	530	0.02	1	8.8	320	0.03	1	7.6	410	0.02	1	25	10	2.50	0

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TABLE 5: Method Reporting Limit Comparison - VOCs

ANALYTE	UNITS	RW01-04 / 06-08 1999	RW01-04 / 06-08 CONF 2004	Ratio	Index Value	RW01-04 / 08-10 1999	RW01-04 / 08-10 CONF 2004	Ratio	Index Value
1,1,1-TRICHLOROETHANE	UG/KG	620	1000	0.62	1	25	520	0.05	1
1,1,2,2-TETRACHLOROETHANE	UG/KG	620	1000	0.62	1	25	520	0.05	1
1,1,2-TRICHLOROETHANE	UG/KG	620	1000	0.62	1	25	520	0.05	1
1,1-DICHLOROETHANE	UG/KG	620	1000	0.62	1	25	520	0.05	1
1,1-DICHLOROETHENE	UG/KG	620	1000	0.62	1	25	520	0.05	1
1,2-DICHLOROETHANE	UG/KG	620	1000	0.62	1	25	520	0.05	1
1,2-DICHLOROPROPANE	UG/KG	620	1000	0.62	1	25	520	0.05	1
2-BUTANONE	UG/KG	2500	4100	0.61	1	100	2100	0.05	1
2-HEXANONE	UG/KG	2500	4100	0.61	1	100	2100	0.05	1
4-METHYL-2-PENTANONE	UG/KG	2500	4100	0.61	1	100	2100	0.05	1
ACETONE	UG/KG	2500	4100	0.61	1	100	2100	0.05	1
BENZENE	UG/KG	620	1000	0.62	1	25	520	0.05	1
BROMODICHLOROMETHANE	UG/KG	620	1000	0.62	1	25	520	0.05	1
BROMOFORM	UG/KG	620	1000	0.62	1	25	520	0.05	1
BROMOMETHANE	UG/KG	1200	1000	1.20	1	50	520	0.10	1
CARBON DISULFIDE	UG/KG	620	1000	0.62	1	25	520	0.05	1
CARBON TETRACHLORIDE	UG/KG	620	1000	0.62	1	25	520	0.05	1
CHLOROBENZENE	UG/KG	620	1000	0.62	1	25	520	0.05	1
CHLOROETHANE	UG/KG	1200	1000	1.20	1	50	520	0.10	1
CHLOROFORM	UG/KG	620	1000	0.62	1	25	520	0.05	1
CHLOROMETHANE	UG/KG	1200	1000	1.20	1	50	520	0.10	1
CIS-1,2-DICHLOROETHENE	UG/KG	310	520	0.60	1	12	260	0.05	1
CIS-1,3-DICHLOROPROPENE	UG/KG	620	1000	0.62	1	25	520	0.05	1
DIBROMOCHLOROMETHANE	UG/KG	620	1000	0.62	1	25	520	0.05	1
ETHYLBENZENE	UG/KG	620	1000	0.62	1	25	520	0.05	1
METHYLENE CHLORIDE	UG/KG	620	1000	0.62	1	25	520	0.05	1
STYRENE	UG/KG	620	1000	0.62	1	25	520	0.05	1
TETRACHLOROETHENE	UG/KG	1000	1000	1.00	1	25	520	0.05	1
TOLUENE	UG/KG	620	1000	0.62	1	25	520	0.05	1
TRANS-1,3-DICHLOROPROPENE	UG/KG	620	1000	0.62	1	25	520	0.05	1
TRICHLOROETHENE	UG/KG	620	1000	0.62	1	25	520	0.05	1
VINYL CHLORIDE	UG/KG	1200	1000	1.20	1	50	520	0.10	1
XYLENES (TOTAL)	UG/KG	620	1000	0.62	1	25	520	0.05	1

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TABLE 6: Data Comparability and Confirmation - Metals

ANALYTE	UNITS	GP01-017 / 04-06 1998	GP01-017 / 04-06 CONF 2004	Ratio	Index Value	GP01-017 / 08-10 1998	GP01-019 / 04-06 1998	GP01-019 / 04-06 CONF 2004	Ratio	Index Value
ARSENIC	MG/KG	7.7	9.1	0.8	1	6.7	7.1	10.5	0.7	1
BARIUM	MG/KG	65.1	60.7	1.1	1	48.6	58.3	110	0.5	1
CADMIUM	MG/KG	0.5	0.61	0.8	1	0.5	0.5	0.13	3.8	1
CHROMIUM	MG/KG	18.1	17.9	1.0	1	8.5	16.5	15.1	1.1	1
LEAD	MG/KG	9.1	11.7	0.8	1	6.3	7.9	10.9	0.7	1
MERCURY	MG/KG	0.1	0.023	4.3	1	0.1	0.1	0.03	3.3	1
SELENIUM	MG/KG	0.5	0.61	0.8	1	0.5	0.5	0.62	0.8	1
SILVER	MG/KG	1	1.2	0.8	1	1	1	1.2	0.8	1

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TABLE 6: Data Comparability and Confirmation - Metals

ANALYTE	UNITS	GP01-020 / 04-06 1998	GP01-020 / 04-06 CONF 2004	Ratio	Index Value	GP01-050 / 00-02 1999	GP01-050 / 00-02 CONF 2004	Ratio	Index Value	GP01-050 / 04-06 1999	GP01-050 / 04-06 CONF 2004	Ratio	Index Value
ARSENIC	MG/KG	12.4	16	0.8	1	7.3	6.1	1.2	1	9.5	7.7	1.2	1
BARIUM	MG/KG	95.2	88.7	1.1	1	75.6	17.8	4.2	1	84.7	60.9	1.4	1
CADMIUM	MG/KG	0.5	0.14	3.6	1	0.5	0.17	2.9	1	0.5	0.079	6.3	1
CHROMIUM	MG/KG	14.3	15.5	0.9	1	10.1	8.3	1.2	1	18.4	13.5	1.4	1
LEAD	MG/KG	10.7	12.8	0.8	1	15.2	5.3	2.9	1	12.3	10.2	1.2	1
MERCURY	MG/KG	0.1	0.034	2.9	1	0.1	0.11	0.9	1	0.1	0.13	0.8	1
SELENIUM	MG/KG	0.5	0.65	0.8	1	0.5	0.54	0.9	1	0.5	0.63	0.8	1
SILVER	MG/KG	1	1.3	0.8	1	1	1.1	0.9	1	1	1.3	0.8	1

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TABLE 6: Data Comparability and Confirmation - Metals

ANALYTE	UNITS	GP01-052 / 00-02 1999	GP01-052 / 00-02 CONF 2004	Ratio	Index Value	GP01-052 / 04-06 1999	GP01-052 / 04-06 CONF 2004	Ratio	Index Value	GP01-055 / 00-02 1999	GP01-055 / 00-02 CONF 2004	Ratio	Index Value
ARSENIC	MG/KG	9.8	11.5	0.9	1	10.4	12.5	0.8	1	8.5	2.4	3.5	1
BARIUM	MG/KG	91.1	99.3	0.9	1	44.7	105	0.4	1	80.8	12.2	6.6	1
CADMIUM	MG/KG	0.5	0.25	2.0	1	0.5	0.32	1.6	1	0.5	0.067	7.5	1
CHROMIUM	MG/KG	15	17.4	0.9	1	9.6	17.1	0.6	1	17.9	4	4.5	1
LEAD	MG/KG	15.8	13.2	1.2	1	8	15.9	0.5	1	11	1.2	9.2	1
MERCURY	MG/KG	0.1	0.047	2.1	1	0.1	0.12	0.8	1	0.1	0.11	0.9	1
SELENIUM	MG/KG	0.5	0.63	0.8	1	0.5	0.61	0.8	1	0.5	0.54	0.9	1
SILVER	MG/KG	1	1.3	0.8	1	1	1.2	0.8	1	1	1.1	0.9	1

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TABLE 6: Data Comparability and Confirmation - Metals

ANALYTE	UNITS	GP01-055 / 04-06 1999	GP01-055 / 04-06 CONF 2004	Ratio	Index Value	GP01-059 / 00-02 1999	GP01-059 / 00-02 CONF 2004	Ratio	Index Value	GP01-059 / 04-06 1999	GP01-059 / 04-06 CONF 2004	Ratio	Index Value
ARSENIC	MG/KG	7.2	15.2	0.5	1	5.7	12.4	0.5	1	7.5	6.8	1.1	1
BARIUM	MG/KG	37.1	83.3	0.4	1	50.2	109	0.5	1	28.3	33	0.9	1
CADMIUM	MG/KG	0.5	0.2	2.5	1	0.5	0.63	0.8	1	0.5	0.57	0.9	1
CHROMIUM	MG/KG	8.3	13.4	0.6	1	9.7	18.4	0.5	1	6.8	7.7	0.9	1
LEAD	MG/KG	8.5	12.8	0.7	1	15	15.1	1.0	1	6.5	6.5	1.0	1
MERCURY	MG/KG	0.1	0.12	0.8	1	0.1	0.039	2.6	1	0.1	0.11	0.9	1
SELENIUM	MG/KG	0.5	0.6	0.8	1	0.5	0.63	0.8	1	0.5	0.57	0.9	1
SILVER	MG/KG	1	1.2	0.8	1	1	1.3	0.8	1	1	1.1	0.9	1

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TABLE 6: Data Comparability and Confirmation - Metals

ANALYTE	UNITS	GP01-068 / 00-02 1999	GP01-068 / 01-02 CONF 2004	Ratio	Index Value	GP01-068 / 04-06 1999	GP01-068 / 04-06 CONF 2004	Ratio	Index Value	GP01-080 / 00-02 1999	GP01-080 / 00-02 CONF 2004	Ratio	Index Value
ARSENIC	MG/KG	5.3	5.7	0.9	1	5.5	7.1	0.8	1	9.2	7.1	1.3	1
BARIUM	MG/KG	20	NA	NA	NA	95.2	NA	NA	NA	113	16	7.1	1
CADMIUM	MG/KG	0.5	NA	NA	NA	0.5	NA	NA	NA	0.5	0.093	5.4	1
CHROMIUM	MG/KG	5.3	NA	NA	NA	15.9	NA	NA	NA	19	5.3	3.6	1
LEAD	MG/KG	5.2	NA	NA	NA	14.1	NA	NA	NA	17.3	6.6	2.6	1
MERCURY	MG/KG	0.1	NA	NA	NA	0.1	NA	NA	NA	0.1	0.11	0.9	1
SELENIUM	MG/KG	0.5	NA	NA	NA	0.5	NA	NA	NA	0.69	0.54	1.3	1
SILVER	MG/KG	1	NA	NA	NA	1	NA	NA	NA	1	1.1	0.9	1

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TABLE 6: Data Comparability and Confirmation - Metals

ANALYTE	UNITS	GP01-080 / 04-06 1999	GP01-080 / 04-06 CONF 2004	Ratio	Index Value	RW01-04 / 06-08 1999	RW01-04 / 06-08 CONF 2004	Ratio	Index Value	RW01-04 / 08-10 1999	RW01-04 / 08-10 CONF 2004	Ratio	Index Value
ARSENIC	MG/KG	12.8	13.1	1.0	1	8.9	6.5	1.4	1	10	11	0.9	1
BARIUM	MG/KG	70.5	98.2	0.7	1	54	27.4	2.0	1	40.7	82.8	0.5	1
CADMIUM	MG/KG	0.5	0.037	13.5	0	0.5	0.13	3.8	1	0.5	0.64	0.8	1
CHROMIUM	MG/KG	11.4	19.8	0.6	1	12.1	6.3	1.9	1	7.7	14.4	0.5	1
LEAD	MG/KG	13	16.9	0.8	1	9	5.6	1.6	1	7.9	11.6	0.7	1
MERCURY	MG/KG	0.1	0.04	2.5	1	0.1	0.12	0.8	1	0.1	0.13	0.8	1
SELENIUM	MG/KG	0.5	0.61	0.8	1	0.5	0.59	0.8	1	0.5	0.64	0.8	1
SILVER	MG/KG	1	1.2	0.8	1	1	1.2	0.8	1	1	1.3	0.8	1

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TABLE 7: Data Comparability and Confirmation - SVOCs

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TABLE 7: Data Comparability and Confir

ANALYTE	UNITS	GP01-052 / 00-02 1999	GP01-052 / 00-02 CONF 2004	Ratio	Index Value	GP01-052 / 04-06 1999	GP01-052 / 04-06 CONF 2004	Ratio	Index Value	ANALYTE
2,2'-OXYBIS(1-CHLOROPROPANE)	UG/KG	330	420	0.8	1	330	410	0.8	1	2,2'-OXYBIS(1-CHLOROPROPANE)
2,4,5-TRICHLOROPHENOL	UG/KG	330	420	0.8	1	330	410	0.8	1	2,4,5-TRICHLOROPHENOL
2,4,6-TRICHLOROPHENOL	UG/KG	330	420	0.8	1	330	410	0.8	1	2,4,6-TRICHLOROPHENOL
2,4-DICHLOROPHENOL	UG/KG	330	420	0.8	1	330	410	0.8	1	2,4-DICHLOROPHENOL
2,4-DIMETHYLPHENOL	UG/KG	330	420	0.8	1	330	410	0.8	1	2,4-DIMETHYLPHENOL
2,4-DINITROPHENOL	UG/KG	1600	2000	0.8	1	1600	2000	0.8	1	2,4-DINITROPHENOL
2,4-DINITROTOLUENE	UG/KG	330	420	0.8	1	330	410	0.8	1	2,4-DINITROTOLUENE
2,6-DINITROTOLUENE	UG/KG	330	420	0.8	1	330	410	0.8	1	2,6-DINITROTOLUENE
2-CHLORONAPHTHALENE	UG/KG	330	420	0.8	1	330	410	0.8	1	2-CHLORONAPHTHALENE
2-CHLOROPHENOL	UG/KG	330	420	0.8	1	330	410	0.8	1	2-CHLOROPHENOL
2-METHYLNAPHTHALENE	UG/KG	330	420	0.8	1	330	410	0.8	1	2-METHYLNAPHTHALENE
2-METHYLPHENOL	UG/KG	330	420	0.8	1	330	410	0.8	1	2-METHYLPHENOL
2-NITROANILINE	UG/KG	1600	2000	0.8	1	1600	2000	0.8	1	2-NITROANILINE
2-NITROPHENOL	UG/KG	330	420	0.8	1	330	410	0.8	1	2-NITROPHENOL
3,3'-DICHLOROBENZIDINE	UG/KG	1600	2000	0.8	1	1600	2000	0.8	1	3,3'-DICHLOROBENZIDINE
3-NITROANILINE	UG/KG	1600	2000	0.8	1	1600	2000	0.8	1	3-NITROANILINE
4,6-DINITRO-2-METHYLPHENOL	UG/KG	1600	2000	0.8	1	1600	2000	0.8	1	4,6-DINITRO-2-METHYLPHENOL
4-BROMOPHENYL PHENYL ETHER	UG/KG	330	420	0.8	1	330	410	0.8	1	4-BROMOPHENYL PHENYL ETHER
4-CHLORO-3-METHYLPHENOL	UG/KG	330	420	0.8	1	330	410	0.8	1	4-CHLORO-3-METHYLPHENOL
4-CHLOROANILINE	UG/KG	330	420	0.8	1	330	410	0.8	1	4-CHLOROANILINE
4-CHLOROPHENYL PHENYL ETHER	UG/KG	330	420	0.8	1	330	410	0.8	1	4-CHLOROPHENYL PHENYL ETHER
4-METHYLPHENOL	UG/KG	330	420	0.8	1	330	410	0.8	1	4-METHYLPHENOL
4-NITROANILINE	UG/KG	1600	2000	0.8	1	1600	2000	0.8	1	4-NITROANILINE
4-NITROPHENOL	UG/KG	1600	2000	0.8	1	1600	2000	0.8	1	4-NITROPHENOL
ACENAPHTHENE	UG/KG	330	420	0.8	1	330	410	0.8	1	ACENAPHTHENE
ACENAPHTHYLENE	UG/KG	330	420	0.8	1	330	410	0.8	1	ACENAPHTHYLENE
ANTHRACENE	UG/KG	330	420	0.8	1	330	410	0.8	1	ANTHRACENE
BENZO(A)ANTHRACENE	UG/KG	330	420	0.8	1	330	410	0.8	1	BENZO(A)ANTHRACENE
BENZO(A)PYRENE	UG/KG	330	420	0.8	1	330	410	0.8	1	BENZO(A)PYRENE
BENZO(B)FLUORANTHENE	UG/KG	330	420	0.8	1	330	410	0.8	1	BENZO(B)FLUORANTHENE
BENZO(GHI)PERYLENE	UG/KG	330	420	0.8	1	330	410	0.8	1	BENZO(GHI)PERYLENE
BENZO(K)FLUORANTHENE	UG/KG	330	420	0.8	1	330	410	0.8	1	BENZO(K)FLUORANTHENE
BIS(2-CHLOROETHOXY)METHANE	UG/KG	330	420	0.8	1	330	410	0.8	1	BIS(2-CHLOROETHOXY)METHANE
BIS(2-CHLOROETHYL) ETHER	UG/KG	330	420	0.8	1	330	410	0.8	1	BIS(2-CHLOROETHYL) ETHER
BIS(2-ETHYLHEXYL) PHTHALATE	UG/KG	330	420	0.8	1	330	410	0.8	1	BIS(2-ETHYLHEXYL) PHTHALATE
BUTYL BENZYL PHTHALATE	UG/KG	330	420	0.8	1	330	410	0.8	1	BUTYL BENZYL PHTHALATE
CARBAZOLE	UG/KG	330	420	0.8	1	330	410	0.8	1	CARBAZOLE
CHRYSENE	UG/KG	330	420	0.8	1	330	410	0.8	1	CHRYSENE
DIBENZ(A,H)ANTHRACENE	UG/KG	330	420	0.8	1	330	410	0.8	1	DIBENZ(A,H)ANTHRACENE
DIBENZOFURAN	UG/KG	330	420	0.8	1	330	410	0.8	1	DIBENZOFURAN
DIETHYL PHTHALATE	UG/KG	330	420	0.8	1	330	410	0.8	1	DIETHYL PHTHALATE
DIMETHYL PHTHALATE	UG/KG	330	420	0.8	1	330	410	0.8	1	DIMETHYL PHTHALATE
DI-N-BUTYL PHTHALATE	UG/KG	330	420	0.8	1	330	410	0.8	1	DI-N-BUTYL PHTHALATE
DI-N-OCTYL PHTHALATE	UG/KG	330	420	0.8	1	330	410	0.8	1	DI-N-OCTYL PHTHALATE
FLUORANTHENE	UG/KG	330	420	0.8	1	330	410	0.8	1	FLUORANTHENE
FLUORENE	UG/KG	330	420	0.8	1	330	410	0.8	1	FLUORENE
HEXACHLOROBENZENE	UG/KG	330	420	0.8	1	330	410	0.8	1	HEXACHLOROBENZENE
HEXACHLOROBUTADIENE	UG/KG	330	420	0.8	1	330	410	0.8	1	HEXACHLOROBUTADIENE
HEXACHLOROCYCLOPENTADIENE	UG/KG	1600	2000	0.8	1	1600	2000	0.8	1	HEXACHLOROCYCLOPENTADIENE
HEXACHLOROETHANE	UG/KG	330	420	0.8	1	330	410	0.8	1	HEXACHLOROETHANE
INDENO(1,2,3-CD)PYRENE	UG/KG	330	420	0.8	1	330	410	0.8	1	INDENO(1,2,3-CD)PYRENE
ISOPHORONE	UG/KG	330	420	0.8	1	330	410	0.8	1	ISOPHORONE
NAPHTHALENE	UG/KG	330	420	0.8	1	330	410	0.8	1	NAPHTHALENE
NITROBENZENE	UG/KG	330	420	0.8	1	330	410	0.8	1	NITROBENZENE
N-NITROSODI-N-PROPYLAMINE	UG/KG	330	420	0.8	1	330	410	0.8	1	N-NITROSODI-N-PROPYLAMINE
N-NITROSODIPHENYLAMINE	UG/KG	330	420	0.8	1	330	410	0.8	1	N-NITROSODIPHENYLAMINE
PENTACHLOROPHENOL	UG/KG	330	420	0.8	1	330	410	0.8	1	PENTACHLOROPHENOL
PHENANTHRENE	UG/KG	330	420	0.8	1	330	410	0.8	1	PHENANTHRENE
PHENOL	UG/KG	330	420	0.8	1	330	410	0.8	1	PHENOL
PYRENE	UG/KG	330	420	0.8	1	330	410	0.8	1	PYRENE

·mation - SVOCs

UNITS	GP01-055 / 00-02 1999	GP01-055 / 00-02 CONF 2004	Ratio	Index Value	GP01-055 / 04-06 1999	GP01-055 / 04-06 CONF 2004	Ratio	Index Value
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	1600	1700	0.9	1	1600	1900	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	1600	1700	0.9	1	1600	1900	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	1600	1700	0.9	1	1600	1900	0.8	1
UG/KG	1600	1700	0.9	1	1600	1900	0.8	1
UG/KG	1600	1700	0.9	1	1600	1900	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	1600	1700	0.9	1	1600	1900	0.8	1
UG/KG	1600	1700	0.9	1	1600	1900	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	37	8.9	1	330	400	0.8	1
UG/KG	330	45	7.3	1	330	400	0.8	1
UG/KG	330	60	5.5	1	330	400	0.8	1
UG/KG	330	44	7.5	1	330	400	0.8	1
UG/KG	330	26	12.7	0	330	400	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	69	4.8	1	330	240	1.4	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	47	7.0	1	330	400	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	360	0.9	1	330	82	4.0	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	56	5.9	1	330	400	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	1600	1700	0.9	1	1600	1900	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	33	10.0	1	330	400	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	22	15.0	0	330	400	0.8	1
UG/KG	330	360	0.9	1	330	400	0.8	1
UG/KG	330	71	4.6	1	330	400	0.8	1

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TABLE 8: Data Comparability and Confirmation - PAHs

ANALYTE	UNITS	GP01-017 / 08-10 1998	GP01-017 / 08-10 CONF 2004	Ratio	Index Value	GP01-019 / 04-06 1998	GP01-019 / 04-06 CONF 2004	Ratio	Index Value
ACENAPHTHENE	UG/KG	100	97	1.0	1	100	21	4.8	1
ACENAPHTHYLENE	UG/KG	100	97	1.0	1	100	21	4.8	1
ANTHRACENE	UG/KG	100	19	5.3	1	100	4.1	24.4	0
BENZO(A)ANTHRACENE	UG/KG	5	19	0.3	1	5	4.1	1.2	1
BENZO(A)PYRENE	UG/KG	5	19	0.3	1	5	4.1	1.2	1
BENZO(B)FLUORANTHENE	UG/KG	5	19	0.3	1	5	4.1	1.2	1
BENZO(GHI)PERYLENE	UG/KG	10	19	0.5	1	10	4.1	2.4	1
BENZO(K)FLUORANTHENE	UG/KG	1.7	19	0.1	0	1.7	4.1	0.4	1
CHRYSENE	UG/KG	5	19	0.3	1	5	4.1	1.2	1
DIBENZ(A,H)ANTHRACENE	UG/KG	5	19	0.3	1	5	4.1	1.2	1
FLUORANTHENE	UG/KG	10	20	0.5	1	10	4.1	2.4	1
FLUORENE	UG/KG	100	19	5.3	1	100	4.1	24.4	0
INDENO(1,2,3-CD)PYRENE	UG/KG	5	19	0.3	1	5	4.1	1.2	1
NAPHTHALENE	UG/KG	100	97	1.0	1	100	21	4.8	1
PHENANTHRENE	UG/KG	100	9.2	10.9	0	100	4.1	24.4	0
PYRENE	UG/KG	5	19	0.3	1	5	4.1	1.2	1

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TABLE 8: Data Comparability and Confirmation - PAHs

ANALYTE	UNITS	GP01-019 / 10-12 1998	GP01-019 / 10-12 CONF 2004	Ratio	Index Value	GP01-020 / 08-10 1998	GP01-020 / 08-10 CONF 2004	Ratio	Index Value
ACENAPHTHENE	UG/KG	100	40	2.5	1	100	19	5.3	1
ACENAPHTHYLENE	UG/KG	680	40	17.0	0	100	19	5.3	1
ANTHRACENE	UG/KG	100	7.7	13.0	0	100	3.7	27.0	0
BENZO(A)ANTHRACENE	UG/KG	5	7.7	0.6	1	5	3.7	1.4	1
BENZO(A)PYRENE	UG/KG	5	7.7	0.6	1	5	3.7	1.4	1
BENZO(B)FLUORANTHENE	UG/KG	5	7.9	0.6	1	5	1.8	2.8	1
BENZO(GHI)PERYLENE	UG/KG	10	19	0.5	1	10	7.8	1.3	1
BENZO(K)FLUORANTHENE	UG/KG	1.7	7.7	0.2	1	1.7	3.7	0.5	1
CHRYSENE	UG/KG	5	2.2	2.3	1	5	3.7	1.4	1
DIBENZ(A,H)ANTHRACENE	UG/KG	5	7.7	0.6	1	5	3.7	1.4	1
FLUORANTHENE	UG/KG	10	8.2	1.2	1	10	1.5	6.7	1
FLUORENE	UG/KG	100	7.7	13.0	0	100	3.7	27.0	0
INDENO(1,2,3-CD)PYRENE	UG/KG	5	7.7	0.6	1	5	3.7	1.4	1
NAPHTHALENE	UG/KG	100	40	2.5	1	100	19	5.3	1
PHENANTHRENE	UG/KG	100	2.5	40.0	0	100	3.7	27.0	0
PYRENE	UG/KG	5	7.7	0.6	1	5	3.7	1.4	1

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TABLE 8: Data Comparability and Confirmation - PAHs

ANALYTE	UNITS	GP01-030 / 01-02 1998	GP01-030 / 01-02 CONF 2004	Ratio	Index Value	GP01-030 / 06-08 1998	GP01-030 / 06-08 CONF 2004	Ratio	Index Value
ACENAPHTHENE	UG/KG	100	110	0.9	1	100	22	4.5	1
ACENAPHTHYLENE	UG/KG	120	38	3.2	1	100	22	4.5	1
ANTHRACENE	UG/KG	100	21	4.8	1	100	4.2	23.8	0
BENZO(A)ANTHRACENE	UG/KG	8.9	52	0.2	1	5	4.2	1.2	1
BENZO(A)PYRENE	UG/KG	12	64	0.2	1	5	4.2	1.2	1
BENZO(B)FLUORANTHENE	UG/KG	16	88	0.2	1	5	4.2	1.2	1
BENZO(GHI)PERYLENE	UG/KG	11	63	0.2	1	10	4.2	2.4	1
BENZO(K)FLUORANTHENE	UG/KG	6.5	39	0.2	1	1.7	4.2	0.4	1
CHRYSENE	UG/KG	10	68	0.1	1	5	4.2	1.2	1
DIBENZ(A,H)ANTHRACENE	UG/KG	10	38	0.3	1	5	4.2	1.2	1
FLUORANTHENE	UG/KG	35	140	0.3	1	10	1.5	6.7	1
FLUORENE	UG/KG	100	21	4.8	1	100	4.2	23.8	0
INDENO(1,2,3-CD)PYRENE	UG/KG	17	82	0.2	1	5	4.2	1.2	1
NAPHTHALENE	UG/KG	100	190	0.5	1	100	22	4.5	1
PHENANTHRENE	UG/KG	100	58	1.7	1	100	4.2	23.8	0
PYRENE	UG/KG	37	120	0.3	1	5	4.2	1.2	1

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TABLE 8: Data Comparability and Confirmation - PAHs

ANALYTE	UNITS	GP01-052 / 04-06 1999	GP01-052 / 04-06 CONF 2004	Ratio	Index Value	GP01-055 / 04-06 1999	GP01-055 / 04-06 CONF 2004	Ratio	Index Value
ACENAPHTHENE	UG/KG	100	21	4.8	1	100	21	4.8	1
ACENAPHTHYLENE	UG/KG	100	21	4.8	1	130	21	6.2	1
ANTHRACENE	UG/KG	100	4.1	24.4	0	100	4	25.0	0
BENZO(A)ANTHRACENE	UG/KG	5	4.1	1.2	1	5	4	1.3	1
BENZO(A)PYRENE	UG/KG	5	4.1	1.2	1	5	4	1.3	1
BENZO(B)FLUORANTHENE	UG/KG	5	5.4	0.9	1	5	2.7	1.9	1
BENZO(GHI)PERYLENE	UG/KG	10	4.1	2.4	1	10	7.1	1.4	1
BENZO(K)FLUORANTHENE	UG/KG	1.7	4.1	0.4	1	1.7	1.8	0.9	1
CHRYSENE	UG/KG	5	0.75	6.7	1	5	2.9	1.7	1
DIBENZ(A,H)ANTHRACENE	UG/KG	5	4.1	1.2	1	5	4	1.3	1
FLUORANTHENE	UG/KG	10	1.1	9.1	1	10	19	0.5	1
FLUORENE	UG/KG	100	4.1	24.4	0	100	4	25.0	0
INDENO(1,2,3-CD)PYRENE	UG/KG	5	4.1	1.2	1	5	3	1.7	1
NAPHTHALENE	UG/KG	100	4.5	22.2	0	100	21	4.8	1
PHENANTHRENE	UG/KG	100	4.1	24.4	0	100	13	7.7	1
PYRENE	UG/KG	5	4.1	1.2	1	5	17	0.3	1

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TABLE 8: Data Comparability and Confirmation - PAHs

ANALYTE	UNITS	GP01-059 / 00-02 1999	GP01-059 / 00-02 CONF 2004	Ratio	Index Value	GP01-059 / 04-06 1999	GP01-059 / 04-06 CONF 2004	Ratio	Index Value
ACENAPHTHENE	UG/KG	100	43	2.3	1	100	19	5.3	1
ACENAPHTHYLENE	UG/KG	100	43	2.3	1	100	19	5.3	1
ANTHRACENE	UG/KG	100	8.1	12.3	0	100	3.7	27.0	0
BENZO(A)ANTHRACENE	UG/KG	5	38	0.1	1	5	3.7	1.4	1
BENZO(A)PYRENE	UG/KG	5	51	0.1	0	5	3.7	1.4	1
BENZO(B)FLUORANTHENE	UG/KG	5	62	0.1	0	5	3.7	1.4	1
BENZO(GHI)PERYLENE	UG/KG	10	67	0.1	1	10	3.7	2.7	1
BENZO(K)FLUORANTHENE	UG/KG	1.7	29	0.1	0	1.7	3.7	0.5	1
CHRYSENE	UG/KG	5	53	0.1	0	5	3.7	1.4	1
DIBENZ(A,H)ANTHRACENE	UG/KG	5	39	0.1	1	5	3.7	1.4	1
FLUORANTHENE	UG/KG	10	97	0.1	1	10	0.64	15.6	0
FLUORENE	UG/KG	100	9.5	10.5	0	100	3.7	27.0	0
INDENO(1,2,3-CD)PYRENE	UG/KG	5	51	0.1	0	5	3.7	1.4	1
NAPHTHALENE	UG/KG	100	170	0.6	1	100	19	5.3	1
PHENANTHRENE	UG/KG	100	34	2.9	1	100	3.7	27.0	0
PYRENE	UG/KG	16	85	0.2	1	14	3.7	3.8	1

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TABLE 8: Data Comparability and Confirmation - PAHs

ANALYTE	UNITS	GP01-064 / 04-06 1999	GP01-064 / 04-06 CONF 2004	Ratio	Index Value	GP01-068 / 00-02 1999	GP01-068 / 01-02 CONF 2004	Ratio	Index Value
ACENAPHTHENE	UG/KG	1000	61	16.4	0	100	36	2.8	1
ACENAPHTHYLENE	UG/KG	1000	33	30.3	0	100	36	2.8	1
ANTHRACENE	UG/KG	1000	12	83.3	0	100	7	14.3	0
BENZO(A)ANTHRACENE	UG/KG	50	12	4.2	1	5	7	0.7	1
BENZO(A)PYRENE	UG/KG	50	12	4.2	1	5	7	0.7	1
BENZO(B)FLUORANTHENE	UG/KG	50	16	3.1	1	5	7	0.7	1
BENZO(GHI)PERYLENE	UG/KG	100	12	8.3	1	10	7	1.4	1
BENZO(K)FLUORANTHENE	UG/KG	17	3	5.7	1	1.7	7	0.2	1
CHRYSENE	UG/KG	50	8.3	6.0	1	5	7	0.7	1
DIBENZ(A,H)ANTHRACENE	UG/KG	50	12	4.2	1	5	7	0.7	1
FLUORANTHENE	UG/KG	100	16	6.3	1	10	3	3.3	1
FLUORENE	UG/KG	1000	8.4	119.0	0	100	7	14.3	0
INDENO(1,2,3-CD)PYRENE	UG/KG	50	12	4.2	1	5	7	0.7	1
NAPHTHALENE	UG/KG	1000	52	19.2	0	100	36	2.8	1
PHENANTHRENE	UG/KG	1000	9.3	107.5	0	100	3.3	30.3	0
PYRENE	UG/KG	250	8.6	29.1	0	29	4.5	6.4	1

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TABLE 8: Data Comparability and Confirmation - PAHs

ANALYTE	UNITS	GP01-068 / 04-06 1999	GP01-068 / 04-06 CONF 2004	Ratio	Index Value	GP01-080 / 00-02 1999	GP01-080 / 00-02 CONF 2004	Ratio	Index Value
ACENAPHTHENE	UG/KG	100	110	0.9	1	100	92	1.1	1
ACENAPHTHYLENE	UG/KG	100	110	0.9	1	100	92	1.1	1
ANTHRACENE	UG/KG	100	21	4.8	1	100	18	5.6	1
BENZO(A)ANTHRACENE	UG/KG	5	21	0.2	1	5	17	0.3	1
BENZO(A)PYRENE	UG/KG	5	21	0.2	1	5	12	0.4	1
BENZO(B)FLUORANTHENE	UG/KG	7.3	21	0.3	1	5	22	0.2	1
BENZO(GHI)PERYLENE	UG/KG	10	21	0.5	1	10	18	0.6	1
BENZO(K)FLUORANTHENE	UG/KG	3.3	21	0.2	1	1.7	21	0.1	0
CHRYSENE	UG/KG	5	12	0.4	1	5	13	0.4	1
DIBENZ(A,H)ANTHRACENE	UG/KG	5	21	0.2	1	5	18	0.3	1
FLUORANTHENE	UG/KG	10	460	0.0	0	20	38	0.5	1
FLUORENE	UG/KG	100	23	4.3	1	100	18	5.6	1
INDENO(1,2,3-CD)PYRENE	UG/KG	5	21	0.2	1	5	17	0.3	1
NAPHTHALENE	UG/KG	100	42	2.4	1	100	41	2.4	1
PHENANTHRENE	UG/KG	100	55	1.8	1	100	14	7.1	1
PYRENE	UG/KG	32	21	1.5	1	21	29	0.7	1

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TABLE 8: Data Comparability and Confirmation - PAHs

ANALYTE	UNITS	GP01-080 / 04-06 1999	GP01-080 / 04-06 CONF 2004	Ratio	Index Value	RW01-04 / 06-08 1999	RW01-04 / 06-08 CONF 2004	Ratio	Index Value
ACENAPHTHENE	UG/KG	2000	42	47.6	0	100	40	2.5	1
ACENAPHTHYLENE	UG/KG	2000	42	47.6	0	100	40	2.5	1
ANTHRACENE	UG/KG	2000	21	95.2	0	100	7.8	12.8	0
BENZO(A)ANTHRACENE	UG/KG	100	58	1.7	1	5	7.8	0.6	1
BENZO(A)PYRENE	UG/KG	630	56	11.3	0	5	7.8	0.6	1
BENZO(B)FLUORANTHENE	UG/KG	100	46	2.2	1	5	3.9	1.3	1
BENZO(GHI)PERYLENE	UG/KG	200	45	4.4	1	10	7.8	1.3	1
BENZO(K)FLUORANTHENE	UG/KG	34	83	0.4	1	1.7	7.8	0.2	1
CHRYSENE	UG/KG	100	81	1.2	1	5	2.4	2.1	1
DIBENZ(A,H)ANTHRACENE	UG/KG	100	97	1.0	1	5	7.8	0.6	1
FLUORANTHENE	UG/KG	200	190	1.1	1	10	3.1	3.2	1
FLUORENE	UG/KG	2000	8.1	246.9	0	100	7.8	12.8	0
INDENO(1,2,3-CD)PYRENE	UG/KG	100	65	1.5	1	5	7.8	0.6	1
NAPHTHALENE	UG/KG	2000	74	27.0	0	100	40	2.5	1
PHENANTHRENE	UG/KG	2000	100	20.0	0	100	7.8	12.8	0
PYRENE	UG/KG	100	57	1.8	1	5	7.8	0.6	1

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TABLE 8: Data Comparability and Confirmation - PAHs

ANALYTE	UNITS	RW01-04 / 08-10 1999	RW01-04 / 08-10 CONF 2004	Ratio	Index Value
ACENAPHTHENE	UG/KG	100	44	2.3	1
ACENAPHTHYLENE	UG/KG	100	44	2.3	1
ANTHRACENE	UG/KG	100	8.5	11.8	0
BENZO(A)ANTHRACENE	UG/KG	5	8.5	0.6	1
BENZO(A)PYRENE	UG/KG	5	8.5	0.6	1
BENZO(B)FLUORANTHENE	UG/KG	5	8.5	0.6	1
BENZO(GHI)PERYLENE	UG/KG	10	8	1.3	1
BENZO(K)FLUORANTHENE	UG/KG	1.7	8.5	0.2	1
CHRYSENE	UG/KG	5	3.5	1.4	1
DIBENZ(A,H)ANTHRACENE	UG/KG	5	8.5	0.6	1
FLUORANTHENE	UG/KG	10	2.2	4.5	1
FLUORENE	UG/KG	100	8.5	11.8	0
INDENO(1,2,3-CD)PYRENE	UG/KG	5	8.5	0.6	1
NAPHTHALENE	UG/KG	100	44	2.3	1
PHENANTHRENE	UG/KG	100	8.5	11.8	0
PYRENE	UG/KG	5.9	8.5	0.7	1

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TABLE 9: Data Comparability and Confirmation - VOCs

ANALYTE	UNITS	GP01-017 / 00-02 1998	GP01-017 / 00-02 CONF 2004	Ratio	Index Value	GP01-017 / 04-06 1998	GP01-017 / 04-06 CONF 2004	Ratio	Index Value	GP01-017 / 08-10 1998	GP01-017 / 08-10 CONF 2004	Ratio	Index Value	GP01-019 / 02_6-03_5 1998	GP01-019 / 02_5-03_5 CONF 2004	Ratio	Index Value
1,1,1-TRICHLOROETHANE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
1,1,2,2-TETRACHLOROETHANE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
1,1,2-TRICHLOROETHANE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
1,1-DICHLOROETHANE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
1,1-DICHLOROETHENE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
1,2-DICHLOROETHANE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
1,2-DICHLOROPROPANE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
2-BUTANONE	UG/KG	20	42	0.48	1	2500	2000	1.25	1	6200	6200	1.00	1	20	30	0.67	1
2-HEXANONE	UG/KG	20	42	0.48	1	2500	2000	1.25	1	6200	6200	1.00	1	20	30	0.67	1
4-METHYL-2-PENTANONE	UG/KG	20	2.7	7.41	1	2500	2000	1.25	1	6200	6200	1.00	1	20	30	0.67	1
ACETONE	UG/KG	20	45	0.44	1	2500	2000	1.25	1	6200	6200	1.00	1	20	87	0.23	1
BENZENE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
BROMODICHLOROMETHANE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
BROMOFORM	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
BROMOMETHANE	UG/KG	10	11	0.91	1	1200	510	2.35	1	3100	1500	2.07	1	10	7.5	1.33	1
CARBON DISULFIDE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
CARBON TETRACHLORIDE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
CHLOROBENZENE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
CHLOROETHANE	UG/KG	10	11	0.91	1	1200	510	2.35	1	3100	1500	2.07	1	10	7.5	1.33	1
CHLOROFORM	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
CHLOROMETHANE	UG/KG	10	11	0.91	1	1200	510	2.35	1	3100	1500	2.07	1	10	7.5	1.33	1
CIS-1,2-DICHLOROETHENE	UG/KG	2.5	15	0.17	1	3600	4800	0.75	1	8300	7800	1.06	1	5.6	26	0.22	1
CIS-1,3-DICHLOROPROPENE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
DIBROMOCHLOROMETHANE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
ETHYLBENZENE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
METHYLENE CHLORIDE	UG/KG	5	11	0.45	1	620	690	0.90	1	1600	1600	1.00	1	5	7.5	0.67	1
STYRENE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
TETRACHLOROETHENE	UG/KG	5	3.5	1.43	1	18000	1900	9.47	1	56000	40000	1.40	1	68	210	0.32	1
TOLUENE	UG/KG	5	1.5	3.33	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
TRANS-1,3-DICHLOROPROPENE	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1
TRICHLOROETHENE	UG/KG	5	2.3	2.17	1	4100	280	14.64	0	5800	7000	0.83	1	5	15	0.33	1
VINYL CHLORIDE	UG/KG	10	11	0.91	1	1200	510	2.35	1	3100	1500	2.07	1	10	7.5	1.33	1
XYLENES (TOTAL)	UG/KG	5	11	0.45	1	620	510	1.22	1	1600	1500	1.07	1	5	7.5	0.67	1

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TABLE 9: Data Comparability and Confirmation - VOCs

ANALYTE	UNITS	GP01-019 / 04-06 1998	GP01-019 / 04-06 CONF 2004	Ratio	Index Value	GP01-019 / 10-12 1998	GP01-019 / 10-12 CONF 2004	Ratio	Index Value	GP01-020 / 02-03 1998	GP01-020 / 02-03 CONF 2004	Ratio	Index Value	GP01-020 / 04-06 1998	GP01-020 / 04-06 CONF 2004	Ratio	Index Value
1,1,1-TRICHLOROETHANE	UG/KG	10	310	0.03	0	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
1,1,2,2-TETRACHLOROETHANE	UG/KG	10	310	0.03	0	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
1,1,2-TRICHLOROETHANE	UG/KG	10	310	0.03	0	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
1,1-DICHLOROETHANE	UG/KG	10	310	0.03	0	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
1,1-DICHLOROETHENE	UG/KG	10	310	0.03	0	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
1,2-DICHLOROETHANE	UG/KG	10	310	0.03	0	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
1,2-DICHLOROPROPANE	UG/KG	10	310	0.03	0	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
2-BUTANONE	UG/KG	40	1200	0.03	0	50000	110000	0.45	1	2500	3.1	806.45	0	2500	2.8	892.86	0
2-HEXANONE	UG/KG	40	1200	0.03	0	50000	110000	0.45	1	2500	27	92.59	0	2500	39	64.10	0
4-METHYL-2-PENTANONE	UG/KG	40	1200	0.03	0	50000	110000	0.45	1	2500	27	92.59	0	2500	39	64.10	0
ACETONE	UG/KG	40	1200	0.03	0	50000	110000	0.45	1	2500	15	166.67	0	2500	19	131.58	0
BENZENE	UG/KG	10	310	0.03	0	12000	27000	0.44	1	620	0.68	911.76	0	620	9.9	62.63	0
BROMODICHLOROMETHANE	UG/KG	10	310	0.03	0	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
BROMOFORM	UG/KG	10	310	0.03	0	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
BROMOMETHANE	UG/KG	20	310	0.06	0	25000	27000	0.93	1	1200	6.7	179.10	0	1200	9.9	121.21	0
CARBON DISULFIDE	UG/KG	10	310	0.03	0	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
CARBON TETRACHLORIDE	UG/KG	10	310	0.03	0	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
CHLOROBENZENE	UG/KG	10	310	0.03	0	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
CHLOROETHANE	UG/KG	20	310	0.06	0	25000	27000	0.93	1	1200	6.7	179.10	0	1200	9.9	121.21	0
CHLOROFORM	UG/KG	10	310	0.03	0	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
CHLOROMETHANE	UG/KG	20	310	0.06	0	25000	27000	0.93	1	1200	6.7	179.10	0	1200	9.9	121.21	0
CIS-1,2-DICHLOROETHENE	UG/KG	5	64	0.08	0	6200	13000	0.48	1	310	3.3	93.94	0	2900	13	223.08	0
CIS-1,3-DICHLOROPROPENE	UG/KG	10	310	0.03	0	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
DIBROMOCHLOROMETHANE	UG/KG	10	310	0.03	0	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
ETHYLBENZENE	UG/KG	10	310	0.03	0	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
METHYLENE CHLORIDE	UG/KG	10	480	0.02	0	12000	27000	0.44	1	620	4	155.00	0	620	5.9	105.08	0
STYRENE	UG/KG	10	310	0.03	0	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
TETRACHLOROETHENE	UG/KG	370	850	0.44	1	390000	520000	0.75	1	16000	0.65	24615.38	0	620	1.3	476.92	0
TOLUENE	UG/KG	10	310	0.03	0	12000	27000	0.44	1	620	1.7	364.71	0	620	9.9	62.63	0
TRANS-1,3-DICHLOROPROPENE	UG/KG	10	310	0.03	0	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0
TRICHLOROETHENE	UG/KG	10	43	0.23	1	12000	27000	0.44	1	620	6.7	92.54	0	620	1.1	563.64	0
VINYL CHLORIDE	UG/KG	20	310	0.06	0	25000	27000	0.93	1	1200	6.7	179.10	0	1200	8.5	141.18	0
XYLENES (TOTAL)	UG/KG	10	310	0.03	0	12000	27000	0.44	1	620	6.7	92.54	0	620	9.9	62.63	0

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TABLE 9: Data Comparability and Confirmation - VOCs

ANALYTE	UNITS	GP01-020 / 06-08 1998	GP01-020 / 06-08 CONF 2004	Ratio	Index Value	GP01-020 / 08-10 1998	GP01-020 / 08-10 CONF 2004	Ratio	Index Value	GP01-050 / 00-02 1999	GP01-050 / 00-02 CONF 2004	Ratio	Index Value	GP01-050 / 04-06 1999	GP01-050 / 04-06 CONF 2004	Ratio	Index Value
1,1,1-TRICHLOROETHANE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
1,1,2,2-TETRACHLOROETHANE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
1,1,2-TRICHLOROETHANE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
1,1-DICHLOROETHANE	UG/KG	620	15	41.33	0	620	1.5	413.33	0	220	8.2	26.83	0	220	450	0.49	1
1,1-DICHLOROETHENE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
1,2-DICHLOROETHANE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
1,2-DICHLOROPROPANE	UG/KG	620	15	41.33	0	620	1.7	364.71	0	220	8.2	26.83	0	220	450	0.49	1
2-BUTANONE	UG/KG	2500	6.6	378.79	0	2500	22	113.64	0	860	33	26.06	0	860	1800	0.48	1
2-HEXANONE	UG/KG	2500	62	40.32	0	2500	22	113.64	0	860	33	26.06	0	860	1800	0.48	1
4-METHYL-2-PENTANONE	UG/KG	2500	62	40.32	0	2500	22	113.64	0	860	3	286.67	0	860	1800	0.48	1
ACETONE	UG/KG	2500	38	65.79	0	2500	22	113.64	0	860	11	78.18	0	860	1800	0.48	1
BENZENE	UG/KG	620	1.5	413.33	0	620	2.4	258.33	0	220	8.2	26.83	0	220	450	0.49	1
BROMODICHLOROMETHANE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
BROMOFORM	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
BROMOMETHANE	UG/KG	1200	15	80.00	0	1200	5.4	222.22	0	430	8.2	52.44	0	430	450	0.96	1
CARBON DISULFIDE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
CARBON TETRACHLORIDE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
CHLOROBENZENE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
CHLOROETHANE	UG/KG	1200	15	80.00	0	1200	5.4	222.22	0	430	8.2	52.44	0	430	450	0.96	1
CHLOROFORM	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
CHLOROMETHANE	UG/KG	1200	15	80.00	0	1200	5.4	222.22	0	430	8.2	52.44	0	430	450	0.96	1
CIS-1,2-DICHLOROETHENE	UG/KG	5600	83	67.47	0	3700	220	16.82	0	110	3.7	29.73	0	850	2400	0.35	1
CIS-1,3-DICHLOROPROPENE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
DIBROMOCHLOROMETHANE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
ETHYLBENZENE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
METHYLENE CHLORIDE	UG/KG	620	7.7	80.52	0	690	2.9	237.93	0	220	5.3	41.51	0	220	450	0.49	1
STYRENE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
TETRACHLOROETHENE	UG/KG	12000	5	2400.00	0	1800	0.9	2000.00	0	520	2.8	185.71	0	1300	250	5.20	1
TOLUENE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	1.5	146.67	0	220	450	0.49	1
TRANS-1,3-DICHLOROPROPENE	UG/KG	620	15	41.33	0	620	5.4	114.81	0	220	8.2	26.83	0	220	450	0.49	1
TRICHLOROETHENE	UG/KG	6600	4.8	1375.00	0	2000	69	28.99	0	220	8.2	26.83	0	320	50	6.40	1
VINYL CHLORIDE	UG/KG	1200	40	30.00	0	1200	120	10.00	1	430	8.2	52.44	0	430	410	1.05	1
XYLENES (TOTAL)	UG/KG	620	15	41.33	0	620	5.4	114.81	0	430	8.2	52.44	0	430	450	0.96	1

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TABLE 9: Data Comparability and Confirmation - VOCs

ANALYTE	UNITS	GP01-050 / 08-10 1999	GP01-050 / 08-10 CONF 2004	Ratio	Index Value	GP01-050 / 16-18 1999	GP01-050 / 16-18 CONF 2004	Ratio	Index Value	GP01-052 / 00-02 1999	GP01-052 / 00-02 CONF 2004	Ratio	Index Value	GP01-052 / 04-06 1999	GP01-052 / 04-06 CONF 2004	Ratio	Index Value
1,1,1-TRICHLOROETHANE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
1,1,2,2-TETRACHLOROETHANE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
1,1,2-TRICHLOROETHANE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
1,1-DICHLOROETHANE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
1,1-DICHLOROETHENE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
1,2-DICHLOROETHANE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
1,2-DICHLOROPROPANE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
2-BUTANONE	UG/KG	150000	9000	16.67	0	20	17	1.18	1	17	38	0.45	1	780	1700	0.46	1
2-HEXANONE	UG/KG	150000	9000	16.67	0	20	17	1.18	1	17	38	0.45	1	780	1700	0.46	1
4-METHYL-2-PENTANONE	UG/KG	150000	9000	16.67	0	20	17	1.18	1	17	6.1	2.79	1	780	1700	0.46	1
ACETONE	UG/KG	150000	9000	16.67	0	20	8.4	2.38	1	17	24	0.71	1	780	1700	0.46	1
BENZENE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
BROMODICHLOROMETHANE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
BROMOFORM	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
BROMOMETHANE	UG/KG	73000	2300	31.74	0	10	4.3	2.33	1	8.3	9.6	0.86	1	390	410	0.95	1
CARBON DISULFIDE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
CARBON TETRACHLORIDE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
CHLOROBENZENE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
CHLOROETHANE	UG/KG	73000	2300	31.74	0	10	4.3	2.33	1	8.3	9.6	0.86	1	390	410	0.95	1
CHLOROFORM	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
CHLOROMETHANE	UG/KG	73000	2300	31.74	0	10	4.3	2.33	1	8.3	9.6	0.86	1	390	410	0.95	1
CIS-1,2-DICHLOROETHENE	UG/KG	18000	930	19.35	0	2.5	2.2	1.14	1	2.1	4.8	0.44	1	230	210	1.10	1
CIS-1,3-DICHLOROPROPENE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
DIBROMOCHLOROMETHANE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
ETHYLBENZENE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
METHYLENE CHLORIDE	UG/KG	36000	2300	15.65	0	5	3.1	1.61	1	4.2	6.1	0.69	1	200	410	0.49	1
STYRENE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
TETRACHLOROETHENE	UG/KG	1100000	91000	12.09	0	5	4.3	1.16	1	4.2	1.9	2.21	1	3100	2000	1.55	1
TOLUENE	UG/KG	36000	2300	15.65	0	5	0.48	10.42	0	4.2	1.6	2.63	1	200	410	0.49	1
TRANS-1,3-DICHLOROPROPENE	UG/KG	36000	2300	15.65	0	5	4.3	1.16	1	4.2	9.6	0.44	1	200	410	0.49	1
TRICHLOROETHENE	UG/KG	36000	620	58.06	0	5	4.3	1.16	1	4.2	0.9	4.67	1	1100	450	2.44	1
VINYL CHLORIDE	UG/KG	73000	2300	31.74	0	10	4.3	2.33	1	8.3	9.6	0.86	1	390	410	0.95	1
XYLENES (TOTAL)	UG/KG	73000	2300	31.74	0	5	4.3	1.16	1	8.3	9.6	0.86	1	390	410	0.95	1

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TABLE 9: Data Comparability and Confirmation - VOCs

ANALYTE	UNITS	GP01-052 / 08-10 1999	GP01-052 / 08-10 CONF 2004	Ratio	Index Value	GP01-055 / 00-02 1999	GP01-055 / 00-02 CONF 2004	Ratio	Index Value	GP01-055 / 04-06 1999	GP01-055 / 04-06 CONF 2004	Ratio	Index Value	GP01-055 / 08-10 1999	GP01-055 / 08-10 CONF 2004	Ratio	Index Value
1,1,1-TRICHLOROETHANE	UG/KG	380	400	0.95	1	280	4500	0.06	0	560	420	1.33	1	1800	1000	1.80	1
1,1,2,2-TETRACHLOROETHANE	UG/KG	380	400	0.95	1	280	4500	0.06	0	560	420	1.33	1	1800	1000	1.80	1
1,1,2-TRICHLOROETHANE	UG/KG	380	400	0.95	1	280	4500	0.06	0	560	420	1.33	1	1800	1000	1.80	1
1,1-DICHLOROETHANE	UG/KG	380	400	0.95	1	280	4500	0.06	0	560	420	1.33	1	1800	1000	1.80	1
1,1-DICHLOROETHENE	UG/KG	380	400	0.95	1	280	4500	0.06	0	560	420	1.33	1	1800	1000	1.80	1
1,2-DICHLOROETHANE	UG/KG	380	400	0.95	1	280	4500	0.06	0	560	420	1.33	1	1800	1000	1.80	1
1,2-DICHLOROPROPANE	UG/KG	380	400	0.95	1	280	4500	0.06	0	560	420	1.33	1	1800	1000	1.80	1
2-BUTANONE	UG/KG	1500	1600	0.94	1	1100	18000	0.06	0	2200	1700	1.29	1	7300	4100	1.78	1
2-HEXANONE	UG/KG	1500	1600	0.94	1	1100	18000	0.06	0	2200	1700	1.29	1	7300	4100	1.78	1
4-METHYL-2-PENTANONE	UG/KG	1500	1600	0.94	1	1100	18000	0.06	0	2200	1700	1.29	1	7300	4100	1.78	1
ACETONE	UG/KG	1500	1600	0.94	1	1100	18000	0.06	0	2200	1700	1.29	1	7300	4100	1.78	1
BENZENE	UG/KG	380	400	0.95	1	280	4500	0.06	0	560	420	1.33	1	1800	1000	1.80	1
BROMODICHLOROMETHANE	UG/KG	380	400	0.95	1	280	4500	0.06	0	560	420	1.33	1	1800	1000	1.80	1
BROMOFORM	UG/KG	380	400	0.95	1	280	4500	0.06	0	560	420	1.33	1	1800	1000	1.80	1
BROMOMETHANE	UG/KG	750	400	1.88	1	570	4500	0.13	1	1100	420	2.62	1	3600	1000	3.60	1
CARBON DISULFIDE	UG/KG	380	400	0.95	1	280	4500	0.06	0	560	420	1.33	1	1800	1000	1.80	1
CARBON TETRACHLORIDE	UG/KG	380	400	0.95	1	280	4500	0.06	0	560	420	1.33	1	1800	1000	1.80	1
CHLOROBENZENE	UG/KG	380	400	0.95	1	280	4500	0.06	0	560	420	1.33	1	1800	1000	1.80	1
CHLOROETHANE	UG/KG	750	400	1.88	1	570	4500	0.13	1	1100	420	2.62	1	3600	1000	3.60	1
CHLOROFORM	UG/KG	380	400	0.95	1	280	4500	0.06	0	560	420	1.33	1	1800	1000	1.80	1
CHLOROMETHANE	UG/KG	750	400	1.88	1	570	4500	0.13	1	1100	420	2.62	1	3600	1000	3.60	1
CIS-1,2-DICHLOROETHENE	UG/KG	510	500	1.02	1	3100	600	5.17	1	3500	220	15.91	0	910	170	5.35	1
CIS-1,3-DICHLOROPROPENE	UG/KG	380	400	0.95	1	280	4500	0.06	0	560	420	1.33	1	1800	1000	1.80	1
DIBROMOCHLOROMETHANE	UG/KG	380	400	0.95	1	280	4500	0.06	0	560	420	1.33	1	1800	1000	1.80	1
ETHYLBENZENE	UG/KG	380	400	0.95	1	280	4500	0.06	0	560	420	1.33	1	1800	1000	1.80	1
METHYLENE CHLORIDE	UG/KG	380	400	0.95	1	280	2300	0.12	1	560	420	1.33	1	1800	1000	1.80	1
STYRENE	UG/KG	380	400	0.95	1	280	4500	0.06	0	560	420	1.33	1	1800	1000	1.80	1
TETRACHLOROETHENE	UG/KG	380	860	0.44	1	8200	82000	0.10	1	13000	15000	0.87	1	51000	42000	1.21	1
TOLUENE	UG/KG	380	400	0.95	1	280	4500	0.06	0	560	420	1.33	1	1800	1000	1.80	1
TRANS-1,3-DICHLOROPROPENE	UG/KG	380	400	0.95	1	280	4500	0.06	0	560	420	1.33	1	1800	1000	1.80	1
TRICHLOROETHENE	UG/KG	11000	14000	0.79	1	1800	2200	0.82	1	1100	440	2.50	1	1800	300	6.00	1
VINYL CHLORIDE	UG/KG	750	400	1.88	1	570	4500	0.13	1	1100	420	2.62	1	3600	1000	3.60	1
XYLENES (TOTAL)	UG/KG	750	400	1.88	1	570	4500	0.13	1	1100	420	2.62	1	3600	1000	3.60	1

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TABLE 9: Data Comparability and Confirmation - VOCs

ANALYTE	UNITS	GP01-080 / 00-02 1999	GP01-080 / 00-02 CONF 2004	Ratio	Index Value	GP01-080 / 04-06 1999	GP01-080 / 04-06 CONF 2004	Ratio	Index Value	GP01-080 / 08-10 1999	GP01-080 / 08-10 CONF 2004	Ratio	Index Value	RW01-04 / 02-04 1999	RW01-04 / 02-04 CONF 2004	Ratio	Index Value
1,1,1-TRICHLOROETHANE	UG/KG	4.2	530	0.01	0	4.4	320	0.01	0	3.8	410	0.01	0	25	10	2.50	1
1,1,2,2-TETRACHLOROETHANE	UG/KG	4.2	530	0.01	0	4.4	320	0.01	0	3.8	410	0.01	0	25	10	2.50	1
1,1,2-TRICHLOROETHANE	UG/KG	4.2	530	0.01	0	4.4	320	0.01	0	3.8	410	0.01	0	25	10	2.50	1
1,1-DICHLOROETHANE	UG/KG	4.2	530	0.01	0	4.4	320	0.01	0	3.8	50	0.08	0	25	10	2.50	1
1,1-DICHLOROETHENE	UG/KG	4.2	530	0.01	0	4.4	320	0.01	0	3.8	410	0.01	0	25	10	2.50	1
1,2-DICHLOROETHANE	UG/KG	4.2	530	0.01	0	4.4	320	0.01	0	3.8	410	0.01	0	25	10	2.50	1
1,2-DICHLOROPROPANE	UG/KG	4.2	530	0.01	0	4.4	320	0.01	0	3.8	410	0.01	0	25	10	2.50	1
2-BUTANONE	UG/KG	17	2100	0.01	0	18	1300	0.01	0	15	1600	0.01	0	100	3.2	31.25	0
2-HEXANONE	UG/KG	17	2100	0.01	0	18	1300	0.01	0	15	1600	0.01	0	100	41	2.44	1
4-METHYL-2-PENTANONE	UG/KG	17	2100	0.01	0	18	1300	0.01	0	15	1600	0.01	0	100	41	2.44	1
ACETONE	UG/KG	17	2100	0.01	0	18	1300	0.01	0	15	1600	0.01	0	100	41	2.44	1
BENZENE	UG/KG	4.2	530	0.01	0	4.4	320	0.01	0	3.8	410	0.01	0	25	10	2.50	1
BROMODICHLOROMETHANE	UG/KG	4.2	530	0.01	0	4.4	320	0.01	0	3.8	410	0.01	0	25	10	2.50	1
BROMOFORM	UG/KG	4.2	530	0.01	0	4.4	320	0.01	0	3.8	410	0.01	0	25	10	2.50	1
BROMOMETHANE	UG/KG	8.3	530	0.02	0	8.8	320	0.03	0	7.6	410	0.02	0	50	10	5.00	1
CARBON DISULFIDE	UG/KG	4.2	530	0.01	0	4.4	320	0.01	0	3.8	410	0.01	0	25	10	2.50	1
CARBON TETRACHLORIDE	UG/KG	4.2	530	0.01	0	4.4	320	0.01	0	3.8	410	0.01	0	25	10	2.50	1
CHLOROBENZENE	UG/KG	4.2	530	0.01	0	4.4	320	0.01	0	3.8	410	0.01	0	25	10	2.50	1
CHLOROETHANE	UG/KG	8.3	530	0.02	0	8.8	320	0.03	0	7.6	410	0.02	0	50	10	5.00	1
CHLOROFORM	UG/KG	4.2	530	0.01	0	4.4	320	0.01	0	3.8	410	0.01	0	25	10	2.50	1
CHLOROMETHANE	UG/KG	8.3	530	0.02	0	8.8	320	0.03	0	7.6	410	0.02	0	50	10	5.00	1
CIS-1,2-DICHLOROETHENE	UG/KG	3.3	260	0.01	0	55	160	0.34	1	100	11000	0.01	0	12	1.7	7.06	1
CIS-1,3-DICHLOROPROPENE	UG/KG	4.2	530	0.01	0	4.4	320	0.01	0	3.8	410	0.01	0	25	10	2.50	1
DIBROMOCHLOROMETHANE	UG/KG	4.2	530	0.01	0	4.4	320	0.01	0	3.8	410	0.01	0	25	10	2.50	1
ETHYLBENZENE	UG/KG	4.2	530	0.01	0	4.4	320	0.01	0	3.8	410	0.01	0	25	10	2.50	1
METHYLENE CHLORIDE	UG/KG	4.2	570	0.01	0	4.4	440	0.01	0	3.8	430	0.01	0	25	10	2.50	1
STYRENE	UG/KG	4.2	530	0.01	0	4.4	320	0.01	0	3.8	410	0.01	0	25	10	2.50	1
TETRACHLOROETHENE	UG/KG	4.2	15000	0.00	0	8.7	320	0.03	0	3.8	3400	0.00	0	570	64	8.91	1
TOLUENE	UG/KG	4.2	530	0.01	0	4.4	320	0.01	0	3.8	410	0.01	0	25	2	12.50	0
TRANS-1,3-DICHLOROPROPENE	UG/KG	4.2	530	0.01	0	4.4	320	0.01	0	3.8	410	0.01	0	25	10	2.50	1
TRICHLOROETHENE	UG/KG	4.2	51	0.08	0	10	320	0.03	0	23	4900	0.00	0	31	1.1	28.18	0
VINYL CHLORIDE	UG/KG	34	530	0.06	0	86	950	0.09	0	23	89	0.26	1	50	10	5.00	1
XYLENES (TOTAL)	UG/KG	8.3	530	0.02	0	8.8	320	0.03	0	7.6	410	0.02	0	25	10	2.50	1

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TABLE 9: Data Comparability and Confirmation - VOCs

ANALYTE	UNITS	RW01-04 / 06-08 1999	RW01-04 / 06-08 CONF 2004	Ratio	Index Value	RW01-04 / 08-10 1999	RW01-04 / 08-10 CONF 2004	Ratio	Index Value
1,1,1-TRICHLOROETHANE	UG/KG	620	1000	0.62	1	25	520	0.05	0
1,1,2,2-TETRACHLOROETHANE	UG/KG	620	1000	0.62	1	25	520	0.05	0
1,1,2-TRICHLOROETHANE	UG/KG	620	1000	0.62	1	25	520	0.05	0
1,1-DICHLOROETHANE	UG/KG	620	1000	0.62	1	25	520	0.05	0
1,1-DICHLOROETHENE	UG/KG	620	1000	0.62	1	25	520	0.05	0
1,2-DICHLOROETHANE	UG/KG	620	1000	0.62	1	25	520	0.05	0
1,2-DICHLOROPROPANE	UG/KG	620	1000	0.62	1	25	520	0.05	0
2-BUTANONE	UG/KG	2500	4100	0.61	1	100	2100	0.05	0
2-HEXANONE	UG/KG	2500	4100	0.61	1	100	2100	0.05	0
4-METHYL-2-PENTANONE	UG/KG	2500	4100	0.61	1	100	2100	0.05	0
ACETONE	UG/KG	2500	4100	0.61	1	100	2100	0.05	0
BENZENE	UG/KG	620	1000	0.62	1	25	520	0.05	0
BROMODICHLOROMETHANE	UG/KG	620	1000	0.62	1	25	520	0.05	0
BROMOFORM	UG/KG	620	1000	0.62	1	25	520	0.05	0
BROMOMETHANE	UG/KG	1200	1000	1.20	1	50	520	0.10	0
CARBON DISULFIDE	UG/KG	620	1000	0.62	1	25	520	0.05	0
CARBON TETRACHLORIDE	UG/KG	620	1000	0.62	1	25	520	0.05	0
CHLOROBENZENE	UG/KG	620	1000	0.62	1	25	520	0.05	0
CHLOROETHANE	UG/KG	1200	1000	1.20	1	50	520	0.10	0
CHLOROFORM	UG/KG	620	1000	0.62	1	25	520	0.05	0
CHLOROMETHANE	UG/KG	1200	1000	1.20	1	50	520	0.10	0
CIS-1,2-DICHLOROETHENE	UG/KG	310	520	0.60	1	430	1000	0.43	1
CIS-1,3-DICHLOROPROPENE	UG/KG	620	1000	0.62	1	25	520	0.05	0
DIBROMOCHLOROMETHANE	UG/KG	620	1000	0.62	1	25	520	0.05	0
ETHYLBENZENE	UG/KG	620	1000	0.62	1	25	520	0.05	0
METHYLENE CHLORIDE	UG/KG	620	1100	0.56	1	42	460	0.09	0
STYRENE	UG/KG	620	1000	0.62	1	25	520	0.05	0
TETRACHLOROETHENE	UG/KG	34000	32000	1.06	1	25	2200	0.01	0
TOLUENE	UG/KG	620	1000	0.62	1	25	520	0.05	0
TRANS-1,3-DICHLOROPROPENE	UG/KG	620	1000	0.62	1	25	520	0.05	0
TRICHLOROETHENE	UG/KG	3700	1500	2.47	1	800	16000	0.05	0
VINYL CHLORIDE	UG/KG	1200	1000	1.20	1	50	520	0.10	0
XYLENES (TOTAL)	UG/KG	620	1000	0.62	1	25	520	0.05	0