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SOIL GAS DATA

NAVAL EDUCATION AND TRAINING CENTER TANK FARM NO. 5 (SITE 13) NEWPORT, RHODE ISLAND

PREPARED FOR

TRC ENVIRONMENTAL CONSULTANTS, INC.
5 WATERSIDE CROSSING
WINDSOR, CONNECTICUT 06095

PREPARED BY

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SAMPLE COLLECTION AND ANALYSIS

From August 25 through September 3, 1992, **TARGET Environmental Services, Inc. (TARGET)** conducted a soil gas survey at the **Naval Education And Training Center, Tank Farm NO. 5, (Site 13),** Newport, Rhode Island. A total of 299 soil gas samples were collected from 103 locations at depths of 6 to 24 feet and analyzed by GC/FID and GC/ECD for petroleum and chlorinated hydrocarbons, respectively. Samples were collected at multiple depths (usually 3) from each location.

Prior to the collection of each sample, the entire sampling system (including down-hole probe, tubing, syringe, and all associated plumbing) was purged with ambient air drawn through an organic vapor filter cartridge. To collect the samples, a van-mounted hydraulic probe was used to advance connected 3 foot sections of 1 inch diameter threaded steel casing down to the sampling depth. Once at depth, the casing was hydraulically raised several inches in order to release a disposable drive point and open the bottom of the casing. A teflon line with a perforated hollow stainless steel probe end was inserted into the casing to the bottom of the hole, and the bottom-hole line perforations were isolated from the up-hole annulus by an inflatable packer. A sample of in-situ soil gas was then withdrawn through the probe and used to purge atmospheric air from the sampling system. A second sample of soil gas was withdrawn through the probe and encapsulated in a pre-evacuated glass vial at two atmospheres of pressure (15 psig). The self-sealing vial was detached from the sampling system, packaged, labeled, and stored for laboratory analysis. The shallow sample at each location was collected first and then the probe was advanced to collect the second sample. The third and deepest sample was collected last. The additional samples were collected in the same manner described above.

Prior to the day's field activities all sampling equipment and probes were decontaminated by washing with soapy water and rinsing thoroughly. Internal surfaces were flushed dry using pre-purified nitrogen or filtered ambient air, and external surfaces were wiped clean using clean paper towels.

All of the samples collected during the field phase of the survey were subjected to dual analyses. One analysis was conducted according to EPA Method 601 (modified) on a gas chromatograph equipped with an electron capture detector (ECD), and using direct injection. Specific analytes standardized for this analysis were:

1,1-dichloroethene (11DCE)
methylene chloride (CH_2Cl_2)
trans-1,2-dichloroethene (t12DCE)
1,1-dichloroethane (11DCA)
cis-1,2-dichloroethene (c12DCE)
chloroform ($CHCl_3$)
1,1,1-trichloroethane (111TCA)
carbon tetrachloride (CCl_4)
trichloroethene (TCE)
1,1,2-trichloroethane (112TCA)
tetrachloroethene (PCE)

The chlorinated hydrocarbons in this suite were chosen because of their common usage in industrial solvents, and/or their degradational relationship to commonly used compounds. The Total Chlorinated Volatiles (TCV) were calculated by summing the concentrations of the standardized chlorinated analytes for each sample.

The second analysis was conducted according to EPA Method 602 (modified) on a gas chromatograph equipped with a flame ionization detector (FID), and using direct injection. The analytes selected for standardization in this analysis were:

benzene
toluene
ethylbenzene
meta- and para- xylene
ortho- xylene

These compounds were chosen because of their utility in evaluating the presence of fuel products, or petroleum based solvents.

The analytical equipment was calibrated using a 3-point instrument-response curve and injection of known concentrations of the target analytes. Retention times of the standards were used to identify the peaks in the chromatograms of the field samples, and their response factors were used to calculate the analyte concentrations.

Total FID Volatiles values were generated by summing the areas of all integrated chromatogram peaks and calculated using the instrument response factor for toluene. Injection peaks, which also contain the light hydrocarbon methane, were excluded to avoid the skewing of Total FID Volatiles values due to injection disturbances and biogenic methane. For samples with low hydrocarbon concentrations, the calculated Total FID Volatiles concentration is occasionally lower than the sum of the individual analytes. This is because the response factor used for the Total FID Volatiles calculation is a constant, whereas the individual analyte response factors are compound specific. It is important to understand that the Total FID Volatiles levels reported are relative, not absolute, values.

The tabulated results of the laboratory analysis of the soil gas samples are reported in micrograms per liter (μg/l) in Tables 1 and 2. Although "micrograms per liter" is equivalent to "parts per billion (v/v)" in water analyses, they are not equivalent in gas analyses, due to the difference in the mass of equal volumes of water and gas matrices. The xylenes concentrations reported in the data table are the sum of the m- and p-xylene and the o-xylene concentrations for each sample.

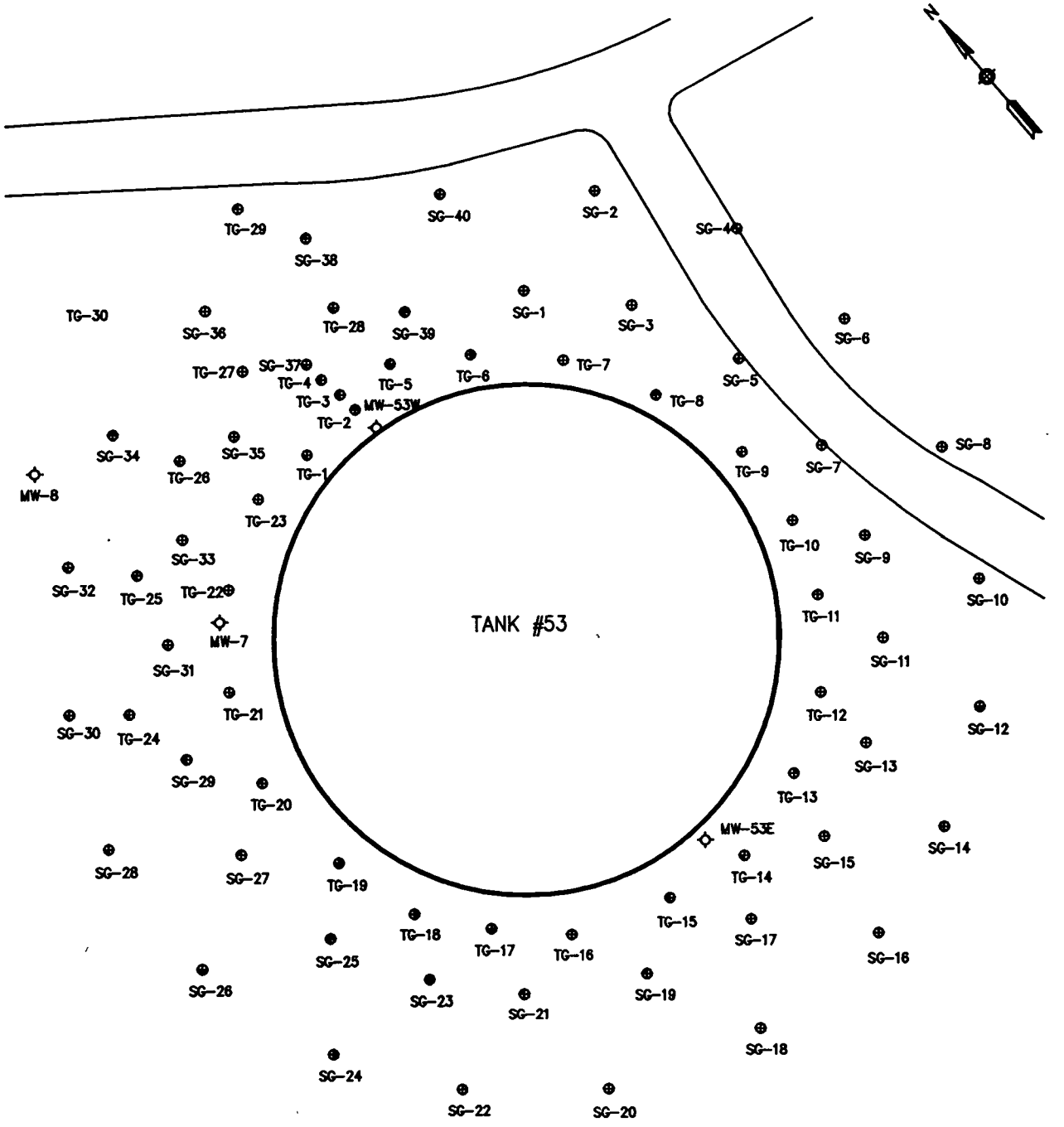
Quality Assurance/Quality Control (QA/QC) Evaluation

Field QA/QC Samples

Field control samples were collected at the beginning of the day's field activities, after every twentieth soil gas sample and at the end of the day's field activities. These QA/QC samples were obtained by inserting the probe tip into a tube flushed by a 20 psi flow of pre-purified nitrogen and encapsulating as described above. The laboratory results of the analysis of these samples are reported in Tables 1 and 2. Concentrations of all analytes were below the reporting limit in all field control samples.

Laboratory QA/QC Samples

A duplicate analysis was performed on every tenth field sample. Laboratory blanks of nitrogen gas were also analyzed after every tenth field sample. The results of these analyses are reported in Tables 1 and 2. All duplicate analyses were within acceptable limits. Concentrations of all analytes were below the reporting limit in all laboratory blanks.



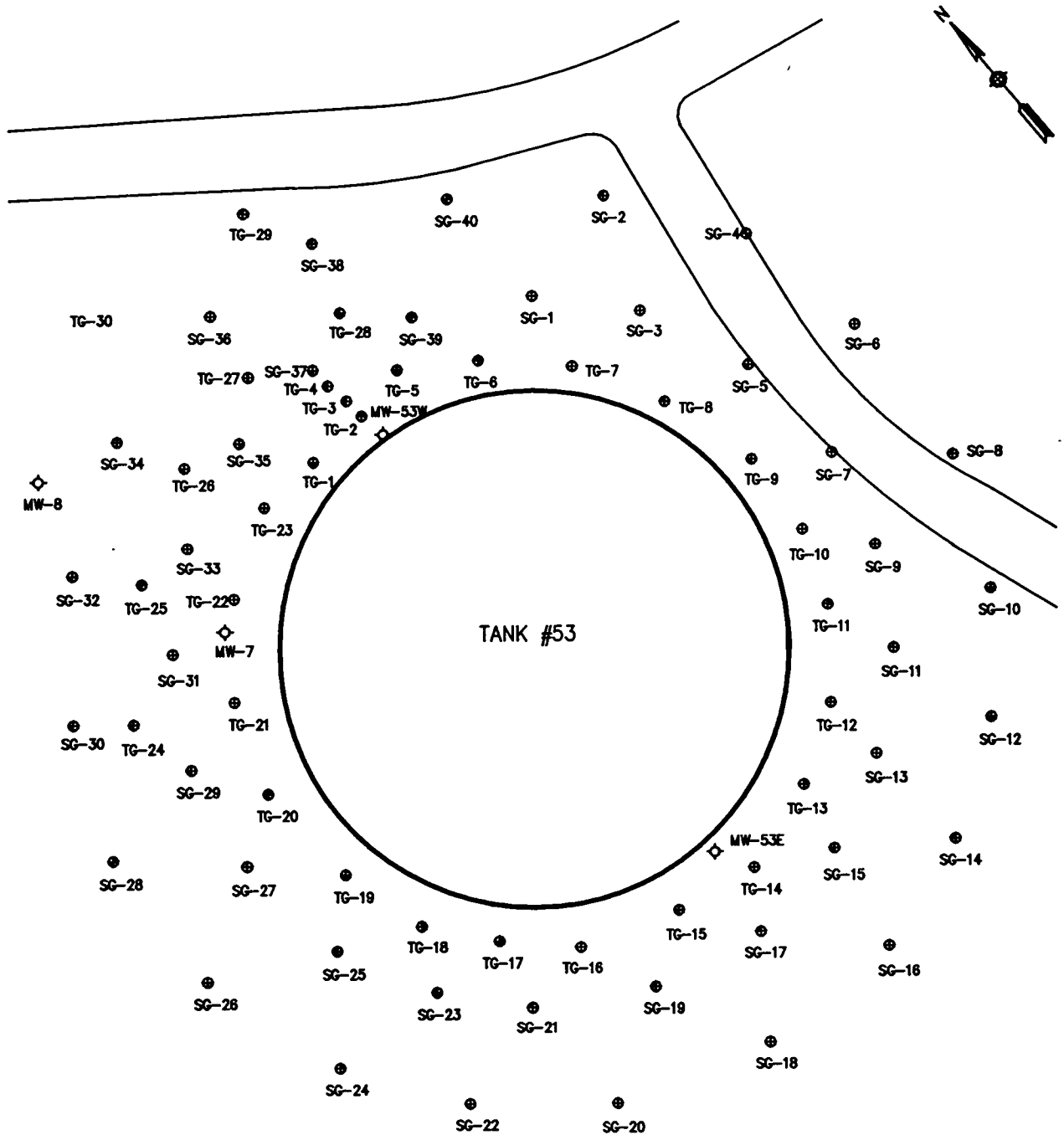
Sample Locations

NOT TO SCALE

TARGET ENVIRONMENTAL SERVICES, INC.

This map is integral to a written report and should be viewed in that context.

TANK NO. 53
NAVAL EDUCATION & TRAINING CENTER
TANK FARM NO. 5 (SITE 13)
NEWPORT, RHODE ISLAND



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TANK NO. 53
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TANK FARM NO. 5 (SITE 13)
NEWPORT, RHODE ISLAND

TABLE 1

ANALYTE CONCENTRATIONS VIA GC/FID (μg/l)

SAMPLE	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	TOTAL FID VOLATILES[1]
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0
SG-1-6	<1.0	<1.0	<1.0	<1.0	1.2
SG-1-12	<1.0	<1.0	<1.0	<1.0	2.1
SG-1-20	1.6	6.4	1.5	<1.0	152
SG-3-6	<1.0	<1.0	<1.0	<1.0	40
SG-3-12	<1.0	<1.0	<1.0	<1.0	3.2
SG-3-19	<1.0	<1.0	<1.0	<1.0	11
SG-7-6	<1.0	<1.0	<1.0	<1.0	<1.0
SG-7-12	<1.0	<1.0	<1.0	<1.0	<1.0
SG-7-16	<1.0	<1.0	<1.0	<1.0	1.1
SG-5-6	<1.0	<1.0	<1.0	<1.0	2.0
SG-5-12	<1.0	<1.0	<1.0	<1.0	1.2
SG-5-19	<1.0	<1.0	<1.0	<1.0	<1.0
SG-9-6	<1.0	<1.0	<1.0	<1.0	<1.0
SG-9-12	<1.0	<1.0	<1.0	<1.0	1.2
SG-9-19	<1.0	<1.0	<1.0	<1.0	<1.0
SG-10-6	<1.0	<1.0	<1.0	<1.0	<1.0
SG-10-12	<1.0	<1.0	<1.0	<1.0	1.6
SG-10-24	<1.0	<1.0	<1.0	<1.0	<1.0
SG-11-6	<1.0	<1.0	<1.0	<1.0	<1.0
SG-11-12	<1.0	<1.0	<1.0	<1.0	<1.0
SG-11-24	<1.0	2.8	<1.0	<1.0	55
SG-12-6	<1.0	<1.0	<1.0	<1.0	<1.0
SG-12-12	<1.0	<1.0	<1.0	<1.0	1.3
SG-12-24	<1.0	<1.0	<1.0	<1.0	<1.0
SG-13-6	<1.0	<1.0	<1.0	<1.0	3.4
SG-13-12	<1.0	<1.0	<1.0	<1.0	4.9
SG-13-21	<1.0	<1.0	<1.0	<1.0	71
SG-14-6	<1.0	<1.0	<1.0	<1.0	<1.0
SG-14-12	<1.0	<1.0	<1.0	<1.0	<1.0
SG-14-15	<1.0	<1.0	<1.0	<1.0	2.7
SG-15-6	<1.0	<1.0	<1.0	<1.0	3.7
SG-15-12	<1.0	<1.0	<1.0	<1.0	4.7
SG-15-18	<1.0	<1.0	<1.0	<1.0	<1.0
SG-16-6	<1.0	<1.0	<1.0	<1.0	<1.0
SG-16-12	<1.0	<1.0	<1.0	<1.0	2.2
SG-16-15	<1.0	<1.0	<1.0	<1.0	3.9
SG-17-6	<1.0	<1.0	<1.0	<1.0	2.7
SG-17-12	<1.0	<1.0	<1.0	<1.0	3.2
SG-17-21	<1.0	<1.0	<1.0	<1.0	1.3

[1]CALCULATED USING THE SUM OF THE AREAS OF ALL INTEGRATED CHROMATOGRAM PEAKS AND THE INSTRUMENT RESPONSE FACTOR FOR TOLUENE

TABLE 1 (CONT)

ANALYTE CONCENTRATIONS VIA GC/FID (µg/l)

SAMPLE	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	TOTAL FID VOLATILES[1]
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0
SG-18-6	<1.0	<1.0	<1.0	<1.0	<1.0
SG-18-12	<1.0	<1.0	<1.0	<1.0	8.2
SG-18-15	<1.0	<1.0	<1.0	<1.0	1.7
SG-19-4	<1.0	<1.0	<1.0	<1.0	<1.0
SG-19-8	<1.0	<1.0	<1.0	<1.0	3.3
SG-19-14	<1.0	<1.0	<1.0	<1.0	3.1
SG-20-6	<1.0	<1.0	<1.0	<1.0	<1.0
SG-20-12	<1.0	<1.0	<1.0	<1.0	9.0
SG-20-15	<1.0	<1.0	<1.0	<1.0	10
SG-21-4	<1.0	<1.0	<1.0	<1.0	<1.0
SG-21-8	<1.0	<1.0	<1.0	<1.0	2.7
SG-21-13	<1.0	<1.0	<1.0	<1.0	2.5
SG-23-4	<1.0	<1.0	<1.0	<1.0	3.2
SG-23-8	<1.0	<1.0	<1.0	<1.0	2.7
SG-23-15	<1.0	<1.0	<1.0	<1.0	<1.0
SG-25-4	<1.0	<1.0	<1.0	<1.0	<1.0
SG-25-8	<1.0	<1.0	<1.0	<1.0	1.6
SG-25-15	<1.0	<1.0	<1.0	<1.0	2.1
SG-27-4	<1.0	<1.0	<1.0	<1.0	<1.0
SG-27-8	<1.0	<1.0	<1.0	<1.0	<1.0
SG-27-15	<1.0	<1.0	<1.0	<1.0	<1.0
SG-27-21	<1.0	<1.0	<1.0	<1.0	<1.0
SG-28-6	<1.0	<1.0	<1.0	<1.0	<1.0
SG-28-12	<1.0	<1.0	<1.0	<1.0	<1.0
SG-28-21	<1.0	<1.0	<1.0	<1.0	2.5
SG-29-4	<1.0	13	<1.0	<1.0	18
SG-29-8	<1.0	6.1	<1.0	<1.0	59
SG-29-15	<1.0	<1.0	<1.0	<1.0	48
SG-30-4	<1.0	22	<1.0	<1.0	27
SG-30-8	<1.0	<1.0	<1.0	<1.0	<1.0
SG-31-6	<1.0	<1.0	<1.0	<1.0	84
SG-31-9	<1.0	<1.0	<1.0	<1.0	49
SG-32-6	<1.0	3.3	<1.0	<1.0	6.9
SG-32-12	<1.0	<1.0	<1.0	<1.0	<1.0
SG-32-21	<1.0	<1.0	<1.0	<1.0	5.0
SG-33-6	<1.0	<1.0	<1.0	<1.0	<1.0
SG-33-12	<1.0	<1.0	<1.0	<1.0	1.8
SG-33-17	<1.0	<1.0	<1.0	<1.0	1.2

[1]CALCULATED USING THE SUM OF THE AREAS OF ALL INTEGRATED CHROMATOGRAM PEAKS AND THE INSTRUMENT RESPONSE FACTOR FOR TOLUENE

TABLE 1 (CONT)

ANALYTE CONCENTRATIONS VIA GC/FID (μg/l)

SAMPLE	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	TOTAL FID VOLATILES[1]
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0
SG-34-4	<1.0	6.0	<1.0	<1.0	7.3
SG-34-8	<1.0	<1.0	<1.0	<1.0	1.6
SG-34-15	<1.0	<1.0	<1.0	<1.0	<1.0
SG-34-21	<1.0	<1.0	<1.0	<1.0	16
SG-35-6	<1.0	<1.0	<1.0	<1.0	2.3
SG-35-15	<1.0	<1.0	<1.0	<1.0	1.2
SG-35-18	<1.0	<1.0	<1.0	<1.0	11
SG-36-6	<1.0	<1.0	<1.0	<1.0	<1.0
SG-36-12	<1.0	<1.0	<1.0	<1.0	<1.0
SG-37-6	<1.0	<1.0	<1.0	<1.0	3.3
SG-37-12	<1.0	<1.0	<1.0	<1.0	<1.0
SG-37-16	<1.0	<1.0	<1.0	<1.0	6.1
SG-38-6	<1.0	<1.0	<1.0	<1.0	<1.0
SG-38-12	<1.0	<1.0	<1.0	<1.0	<1.0
SG-39-6	<1.0	<1.0	<1.0	<1.0	2.8
SG-39-12	<1.0	<1.0	<1.0	<1.0	1.1
SG-39-19	<1.0	<1.0	<1.0	<1.0	1.3
SG-40-6	<1.0	<1.0	<1.0	<1.0	<1.0
SG-40-12	<1.0	<1.0	<1.0	<1.0	<1.0
SG-40-21	<1.0	<1.0	<1.0	<1.0	<1.0
TG-1-12	1.2	7.1	4.4	3.8	413
TG-1-20	1.2	3.5	2.0	2.3	347
TG-2-12	<1.0	2.4	<1.0	<1.0	175
TG-2-22	<1.0	<1.0	<1.0	<1.0	26
TG-3-12	<1.0	<1.0	<1.0	<1.0	68
TG-3-21	<1.0	4.6	<1.0	<1.0	95
TG-4-12	<1.0	<1.0	<1.0	<1.0	14
TG-4-21	<1.0	<1.0	<1.0	<1.0	9.2
TG-5-6	8.2	41	21	31	1,241
TG-5-12	17	34	16	23	1,982
TG-5-24	5.3	13	6.2	6.9	548
TG-6-6	1.1	6.8	1.1	<1.0	112
TG-6-12	2.5	3.5	<1.0	<1.0	223
TG-6-22	<1.0	5.6	1.1	1.2	144
TG-7-6	<1.0	1.6	<1.0	<1.0	95
TG-7-12	1.2	5.0	1.1	1.2	487
TG-7-24	<1.0	2.8	2.7	6.2	235

[1]CALCULATED USING THE SUM OF THE AREAS OF ALL INTEGRATED CHROMATOGRAM PEAKS AND THE INSTRUMENT RESPONSE FACTOR FOR TOLUENE

TABLE 1 (CONT)

ANALYTE CONCENTRATIONS VIA GC/FID (μg/l)

SAMPLE	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	TOTAL FID VOLATILES[1]
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0
TG-8-6	<1.0	<1.0	<1.0	<1.0	25
TG-8-12	4.4	9.2	2.9	9.1	805
TG-8-24	1.9	5.8	1.8	5.5	353
TG-9-6	<1.0	<1.0	<1.0	<1.0	34
TG-9-12	<1.0	<1.0	<1.0	<1.0	33
TG-9-24	4.7	7.5	2.1	4.8	641
TG-10-6	<1.0	<1.0	<1.0	<1.0	5.3
TG-10-12	<1.0	<1.0	<1.0	<1.0	39
TG-10-24	5.8	7.9	2.1	1.6	310
TG-11-6	<1.0	<1.0	<1.0	<1.0	6.3
TG-11-12	<1.0	<1.0	<1.0	<1.0	<1.0
TG-12-6	<1.0	<1.0	<1.0	<1.0	18
TG-12-12	27	62	51	121	4,617
TG-12-24	32	24	18	86	2,406
TG-13-6	<1.0	<1.0	<1.0	2.5	22
TG-13-12	13	27	39	117	2,463
TG-13-24	35	25	13	17	4,466
TG-14-6	<1.0	<1.0	<1.0	<1.0	18
TG-14-12	16	47	51	100	2,789
TG-14-24	12	20	15	48	1,794
TG-15-6	<1.0	<1.0	<1.0	1.4	26
TG-15-12	15	38	65	128	2,654
TG-15-24	6.8	24	16	23	1,664
TG-16-6	<1.0	<1.0	<1.0	1.3	16
TG-16-12	<1.0	<1.0	<1.0	<1.0	42
TG-16-24	2.2	17	10	10	1,241
TG-17-6	<1.0	<1.0	<1.0	<1.0	1.6
TG-17-12	<1.0	<1.0	<1.0	<1.0	20
TG-17-24	<1.0	31	5.1	2.8	727
TG-18-6	<1.0	<1.0	<1.0	<1.0	1.6
TG-18-12	<1.0	<1.0	<1.0	<1.0	15
TG-18-24	<1.0	9.6	2.0	4.7	420
TG-19-6	<1.0	<1.0	<1.0	<1.0	5.5
TG-19-12	<1.0	<1.0	<1.0	<1.0	65
TG-19-24	3.2	13	2.5	5.9	1,371
TG-20-6	5.1	17	11	15	838
TG-20-12	3.0	11	2.6	5.1	868
TG-20-24	2.5	14	2.7	6.3	1,445

[1]CALCULATED USING THE SUM OF THE AREAS OF ALL INTEGRATED CHROMATOGRAM PEAKS AND THE INSTRUMENT RESPONSE FACTOR FOR TOLUENE

TABLE 1 (CONT)

ANALYTE CONCENTRATIONS VIA GC/FID (μg/l)

SAMPLE	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	TOTAL FID VOLATILES[1]
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0
TG-21-6	1.2	4.1	<1.0	1.3	256
TG-21-12	5.5	11	2.6	6.1	929
TG-21-24	2.5	9.4	2.2	5.1	989
TG-22-6	<1.0	2.2	<1.0	<1.0	217
TG-22-12	2.2	4.1	<1.0	<1.0	485
TG-22-24	<1.0	7.3	1.5	1.9	504
TG-23-6	<1.0	1.5	<1.0	<1.0	111
TG-23-12	<1.0	1.3	<1.0	<1.0	144
TG-23-24	<1.0	15	3.8	4.9	357
TG-24-6	<1.0	1.7	<1.0	<1.0	5.8
TG-24-12	<1.0	<1.0	<1.0	<1.0	<1.0
TG-24-24	<1.0	<1.0	<1.0	<1.0	2.0
TG-25-6	<1.0	1.6	<1.0	<1.0	4.0
TG-25-12	<1.0	<1.0	<1.0	<1.0	<1.0
TG-25-20	<1.0	<1.0	<1.0	<1.0	2.6
TG-26-6	<1.0	<1.0	<1.0	<1.0	2.5
TG-26-12	<1.0	<1.0	<1.0	<1.0	<1.0
TG-27-6	<1.0	<1.0	<1.0	1.1	5.5
TG-27-12	<1.0	<1.0	<1.0	<1.0	<1.0
TG-27-21	<1.0	<1.0	<1.0	<1.0	6.4
TG-28-6	<1.0	<1.0	<1.0	<1.0	3.3
TG-28-12	<1.0	<1.0	<1.0	<1.0	<1.0
TG-28-21	<1.0	<1.0	<1.0	<1.0	<1.0
TG-29-6	<1.0	<1.0	<1.0	<1.0	1.6
TG-29-12	<1.0	<1.0	<1.0	<1.0	13
TG-29-17	<1.0	<1.0	<1.0	<1.0	2.8
TG-30-6	<1.0	<1.0	<1.0	<1.0	<1.0
TG-30-12	<1.0	<1.0	<1.0	<1.0	11
TG-30-17	<1.0	<1.0	<1.0	<1.0	5.5
56-1-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-1-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-1-21	<1.0	<1.0	<1.0	<1.0	<1.0
56-3-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-3-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-3-20	<1.0	<1.0	<1.0	<1.0	<1.0
56-5-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-5-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-5-21	<1.0	<1.0	<1.0	<1.0	<1.0

[1]CALCULATED USING THE SUM OF THE AREAS OF ALL INTEGRATED CHROMATOGRAM PEAKS AND THE INSTRUMENT RESPONSE FACTOR FOR TOLUENE

TABLE 1 (CONT)

ANALYTE CONCENTRATIONS VIA GC/FID (μg/l)

SAMPLE	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	TOTAL FID VOLATILES[1]
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0
56-7-6	<1.0	<1.0	<1.0	<1.0	1.6
56-7-12	<1.0	<1.0	<1.0	<1.0	2.4
56-7-18	<1.0	<1.0	<1.0	<1.0	<1.0
56-9-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-9-10	<1.0	<1.0	<1.0	<1.0	<1.0
56-11-6	<1.0	<1.0	<1.0	<1.0	1.9
56-11-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-11-21	<1.0	<1.0	<1.0	<1.0	<1.0
56-13-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-13-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-13-21	<1.0	<1.0	<1.0	<1.0	<1.0
56-15-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-15-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-15-18	<1.0	<1.0	<1.0	<1.0	<1.0
56-17-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-17-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-17-17	<1.0	<1.0	<1.0	<1.0	<1.0
56-19-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-19-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-19-15	<1.0	<1.0	<1.0	<1.0	<1.0
56-21-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-21-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-23-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-23-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-23-14	<1.0	<1.0	<1.0	<1.0	<1.0
56-25-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-25-10	<1.0	<1.0	<1.0	<1.0	<1.0
56-27-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-27-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-27-24	<1.0	<1.0	<1.0	<1.0	2.4
56-29-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-29-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-29-24	<1.0	<1.0	<1.0	<1.0	<1.0
56-31-6	<1.0	<1.0	<1.0	<1.0	3.1
56-31-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-31-27	<1.0	<1.0	<1.0	<1.0	<1.0
56-32-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-32-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-32-21	<1.0	<1.0	<1.0	<1.0	1.5

[1]CALCULATED USING THE SUM OF THE AREAS OF ALL INTEGRATED CHROMATOGRAM PEAKS AND THE INSTRUMENT RESPONSE FACTOR FOR TOLUENE

TABLE 1 (CONT)

ANALYTE CONCENTRATIONS VIA GC/FID (μg/l)

SAMPLE	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	TOTAL FID VOLATILES[1]
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0
56-33-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-33-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-33-20	<1.0	<1.0	<1.0	<1.0	<1.0
56-35-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-35-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-35-21	<1.0	<1.0	<1.0	<1.0	<1.0
56-37-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-37-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-37-20	<1.0	<1.0	<1.0	<1.0	<1.0
56-39-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-39-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-1-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-1-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-1-24	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-2-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-2-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-2-24	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-3-6	<1.0	<1.0	<1.0	<1.0	2.8
56-TG-3-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-3-24	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-4-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-4-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-4-22	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-5-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-5-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-6-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-6-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-6-24	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-7-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-7-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-7-24	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-8-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-8-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-8-24	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-9-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-9-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-9-24	<1.0	<1.0	<1.0	<1.0	<1.0

[1]CALCULATED USING THE SUM OF THE AREAS OF ALL INTEGRATED CHROMATOGRAM PEAKS AND THE INSTRUMENT RESPONSE FACTOR FOR TOLUENE

TABLE 1 (CONT)

ANALYTE CONCENTRATIONS VIA GC/FID (μg/l)

SAMPLE	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	TOTAL FID VOLATILES[1]
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0
56-TG-10-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-10-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-10-24	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-11-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-11-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-12-6	<1.0	<1.0	<1.0	<1.0	1.4
56-TG-12-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-12-24	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-12-30	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-13-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-13-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-13-24	<1.0	<1.0	<1.0	<1.0	1.5
56-TG-14-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-14-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-14-24	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-15-6	<1.0	<1.0	<1.0	<1.0	4.7
56-TG-15-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-15-18	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-16-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-16-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-16-24	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-17-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-17-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-17-24	<1.0	<1.0	<1.0	<1.0	<1.0
FIELD CONTROL SAMPLES					
1	<1.0	<1.0	<1.0	<1.0	<1.0
2	<1.0	<1.0	<1.0	<1.0	<1.0
3	<1.0	<1.0	<1.0	<1.0	<1.0
4	<1.0	<1.0	<1.0	<1.0	<1.0
5	<1.0	<1.0	<1.0	<1.0	<1.0
6	<1.0	<1.0	<1.0	<1.0	<1.0
7	<1.0	<1.0	<1.0	<1.0	<1.0
8	<1.0	<1.0	<1.0	<1.0	<1.0
9	<1.0	<1.0	<1.0	<1.0	<1.0
10	<1.0	<1.0	<1.0	<1.0	<1.0
11	<1.0	<1.0	<1.0	<1.0	<1.0
12	<1.0	<1.0	<1.0	<1.0	<1.0
13	<1.0	<1.0	<1.0	<1.0	<1.0
14	<1.0	<1.0	<1.0	<1.0	<1.0
15	<1.0	<1.0	<1.0	<1.0	<1.0

[1]CALCULATED USING THE SUM OF THE AREAS OF ALL INTEGRATED CHROMATOGRAM PEAKS AND THE INSTRUMENT RESPONSE FACTOR FOR TOLUENE

TABLE 1 (CONT)

ANALYTE CONCENTRATIONS VIA GC/FID (μg/l)

SAMPLE	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	TOTAL FID VOLATILES[1]
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0
FIELD CONTROL SAMPLES (cont)					
16	<1.0	<1.0	<1.0	<1.0	<1.0
17	<1.0	<1.0	<1.0	<1.0	<1.0
18	<1.0	<1.0	<1.0	<1.0	<1.0
19	<1.0	<1.0	<1.0	<1.0	<1.0
20	<1.0	<1.0	<1.0	<1.0	<1.0
21	<1.0	<1.0	<1.0	<1.0	<1.0
22	<1.0	<1.0	<1.0	<1.0	<1.0
23	<1.0	<1.0	<1.0	<1.0	<1.0
24	<1.0	<1.0	<1.0	<1.0	<1.0
25	<1.0	<1.0	<1.0	<1.0	<1.0
26	<1.0	<1.0	<1.0	<1.0	<1.0
27	<1.0	<1.0	<1.0	<1.0	<1.0
DUPLICATE SAMPLES					
SG-9-19	<1.0	<1.0	<1.0	<1.0	<1.0
SG-9-19D	<1.0	<1.0	<1.0	<1.0	<1.0
SG-30-8	<1.0	<1.0	<1.0	<1.0	<1.0
SG-30-8D	<1.0	<1.0	<1.0	<1.0	<1.0
SG-33-17	<1.0	<1.0	<1.0	<1.0	1.2
SG-33-17D	<1.0	<1.0	<1.0	<1.0	1.2
SG-40-21	<1.0	<1.0	<1.0	<1.0	<1.0
SG-40-21D	<1.0	<1.0	<1.0	<1.0	<1.0
TG-5-12	17	34	16	23	1,982
TG-5-12D	18	36	16	23	2,048
TG-20-12	3.0	11	2.6	5.1	868
TG-20-12D	2.9	11	2.4	5.1	853
56-19-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-19-6D	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-10-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-10-12D	<1.0	<1.0	<1.0	<1.0	<1.0
LABORATORY DUPLICATE ANALYSIS					
20	<1.0	<1.0	<1.0	<1.0	<1.0
20R	<1.0	<1.0	<1.0	<1.0	<1.0
24	<1.0	<1.0	<1.0	<1.0	<1.0
24R	<1.0	<1.0	<1.0	<1.0	<1.0
26	<1.0	<1.0	<1.0	<1.0	<1.0
26R	<1.0	<1.0	<1.0	<1.0	1.4

[1]CALCULATED USING THE SUM OF THE AREAS OF ALL INTEGRATED CHROMATOGRAM PEAKS AND THE INSTRUMENT RESPONSE FACTOR

TABLE 1 (CONT)

ANALYTE CONCENTRATIONS VIA GC/FID (μg/l)

SAMPLE	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	TOTAL FID VOLATILES[1]
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0
LABORATORY DUPLICATE ANALYSIS (cont)					
SG-5-12	<1.0	<1.0	<1.0	<1.0	1.2
SG-5-12R	<1.0	<1.0	<1.0	<1.0	1.2
SG-7-16	<1.0	<1.0	<1.0	<1.0	1.1
SG-7-16R	<1.0	<1.0	<1.0	<1.0	<1.0
SG-13-21	<1.0	<1.0	<1.0	<1.0	71
SG-13-21R	<1.0	<1.0	<1.0	<1.0	56
SG-14-6	<1.0	<1.0	<1.0	<1.0	<1.0
SG-14-6R	<1.0	<1.0	<1.0	<1.0	<1.0
SG-15-6	<1.0	<1.0	<1.0	<1.0	3.7
SG-15-6R	<1.0	<1.0	<1.0	<1.0	3.0
SG-21-4	<1.0	<1.0	<1.0	<1.0	<1.0
SG-21-4R	<1.0	<1.0	<1.0	<1.0	<1.0
SG-23-4	<1.0	<1.0	<1.0	<1.0	3.2
SG-23-4R	<1.0	<1.0	<1.0	<1.0	4.3
SG-31-9	<1.0	<1.0	<1.0	<1.0	49
SG-31-9R	<1.0	<1.0	<1.0	<1.0	49
SG-39-6	<1.0	<1.0	<1.0	<1.0	2.8
SG-39-6R	<1.0	<1.0	<1.0	<1.0	3.5
SG-40	<1.0	<1.0	<1.0	<1.0	<1.0
SG-40R	<1.0	<1.0	<1.0	<1.0	<1.0
TG-3-21	<1.0	4.6	<1.0	<1.0	95
TG-3-21R	<1.0	4.4	<1.0	<1.0	90
TG-5-D	18	36	16	23	2,048
TG-5-DR	17	35	16	20	2,000
TG-9-6	<1.0	<1.0	<1.0	<1.0	34
TG-9-6R	<1.0	<1.0	<1.0	<1.0	23
TG-12-6	<1.0	<1.0	<1.0	<1.0	18
TG-12-6R	<1.0	<1.0	<1.0	<1.0	18
TG-15-6	<1.0	<1.0	<1.0	1.4	26
TG-15-6R	<1.0	<1.0	<1.0	1.3	27
TG-23-12	<1.0	1.3	<1.0	<1.0	144
TG-23-12R	<1.0	1.3	<1.0	<1.0	141
TG-24-24	<1.0	<1.0	<1.0	<1.0	2.0
TG-24-24R	<1.0	<1.0	<1.0	<1.0	1.9

[1]CALCULATED USING THE SUM OF THE AREAS OF ALL INTEGRATED CHROMATOGRAM PEAKS AND THE INSTRUMENT RESPONSE FACTOR FOR TOLUENE

TABLE 1 (CONT)

ANALYTE CONCENTRATIONS VIA GC/FID (μg/l)

SAMPLE	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	TOTAL FID VOLATILES[1]
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0
TG-28-6	<1.0	<1.0	<1.0	<1.0	3.3
TG-28-6R	<1.0	<1.0	<1.0	<1.0	3.3
56-9-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-9-6R	<1.0	<1.0	<1.0	<1.0	<1.0
56-15-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-15-6R	<1.0	<1.0	<1.0	<1.0	<1.0
56-25-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-25-6R	<1.0	<1.0	<1.0	<1.0	<1.0
56-39-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-39-12R	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-2-24	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-2-24R	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-8-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-8-6R	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-11-6	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-11-6R	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-12-12	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-12-12R	<1.0	<1.0	<1.0	<1.0	<1.0
LABORATORY BLANKS					
20B	<1.0	<1.0	<1.0	<1.0	<1.0
24B	<1.0	<1.0	<1.0	<1.0	<1.0
26B	<1.0	<1.0	<1.0	<1.0	<1.0
SG-5-12B	<1.0	<1.0	<1.0	<1.0	<1.0
SG-7-16B	<1.0	<1.0	<1.0	<1.0	<1.0
SG-13-21B	<1.0	<1.0	<1.0	<1.0	<1.0
SG-14-6B	<1.0	<1.0	<1.0	<1.0	<1.0
SG-15-6B	<1.0	<1.0	<1.0	<1.0	<1.0
SG-21-4B	<1.0	<1.0	<1.0	<1.0	<1.0
SG-23-4B	<1.0	<1.0	<1.0	<1.0	<1.0
SG-31-9B	<1.0	<1.0	<1.0	<1.0	<1.0
SG-39-6B	<1.0	<1.0	<1.0	<1.0	<1.0
SG-40B	<1.0	<1.0	<1.0	<1.0	<1.0
TG-3-21B	<1.0	<1.0	<1.0	<1.0	<1.0
TG-5-DB	<1.0	<1.0	<1.0	<1.0	<1.0
TG-9-6B	<1.0	<1.0	<1.0	<1.0	<1.0
TG-12-6B	<1.0	<1.0	<1.0	<1.0	<1.0
TG-15-6B	<1.0	<1.0	<1.0	<1.0	<1.0
TG-23-12B	<1.0	<1.0	<1.0	<1.0	<1.0
TG-24-24B	<1.0	<1.0	<1.0	<1.0	<1.0

[1]CALCULATED USING THE SUM OF THE AREAS OF ALL INTEGRATED CHROMATOGRAM PEAKS AND THE INSTRUMENT RESPONSE FACTOR FOR TOLUENE

TABLE 1 (CONT)

ANALYTE CONCENTRATIONS VIA GC/FID (μg/l)

SAMPLE	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	TOTAL FID VOLATILES[1]
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0
LABORATORY BLANKS (cont)					
TG-28-6B	<1.0	<1.0	<1.0	<1.0	<1.0
56-9-6B	<1.0	<1.0	<1.0	<1.0	<1.0
56-15-6B	<1.0	<1.0	<1.0	<1.0	<1.0
56-25-6B	<1.0	<1.0	<1.0	<1.0	<1.0
56-39-12B	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-2-24B	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-8-6B	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-11-6B	<1.0	<1.0	<1.0	<1.0	<1.0
56-TG-12-12B	<1.0	<1.0	<1.0	<1.0	<1.0

[1]CALCULATED USING THE SUM OF THE AREAS OF ALL INTEGRATED CHROMATOGRAM PEAKS AND THE INSTRUMENT RESPONSE FACTOR FOR TOLUENE

TABLE 2

ANALYTE CONCENTRATIONS VIA GC/ECD (µg/l) actual per samples

PAMPLE	11DCE	CH_2Cl_2	t12DCE	11DCA	c12DCE	$CHCl_3$	111TCA	CCl_4	TCE	112TCA	PCE	TCV
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0	0.10	0.10	0.05	0.10	0.10	0.05	1.0
SG-1-6	38	<1.0	<1.0	<1.0	<1.0	<0.10	3.6	<0.05	<0.10	<0.10	0.28	42
SG-1-12	51	<1.0	<1.0	<1.0	<1.0	<0.10	4.1	<0.05	<0.10	<0.10	0.06	55
SG-1-20	36	<1.0	<1.0	11	<1.0	<0.10	3.0	<0.05	0.61	<0.10	0.48	51
SG-3-6	103	<1.0	<1.0	<1.0	<1.0	<0.10	7.8	<0.05	0.30	<0.10	0.47	112
SG-3-12	60	<1.0	<1.0	<1.0	<1.0	<0.10	4.6	<0.05	<0.10	<0.10	0.11	65
SG-3-19	37	<1.0	<1.0	<1.0	<1.0	<0.10	2.2	<0.05	<0.10	<0.10	<0.05	39
SG-5-6	70	<1.0	<1.0	<1.0	<1.0	<0.10	1.2	<0.05	<0.10	<0.10	<0.05	71
SG-5-12	92	<1.0	<1.0	<1.0	<1.0	<0.10	1.8	<0.05	<0.10	<0.10	<0.05	94
SG-5-19	19	<1.0	<1.0	<1.0	<1.0	<0.10	3.0	<0.05	<0.10	<0.10	<0.05	22
SG-7-6	17	<1.0	<1.0	<1.0	<1.0	<0.10	0.10	<0.05	<0.10	<0.10	<0.05	17
SG-7-12	46	<1.0	<1.0	<1.0	<1.0	<0.10	0.42	<0.05	<0.10	<0.10	<0.05	46
SG-7-16	12	<1.0	<1.0	<1.0	<1.0	<0.10	4.1	<0.05	<0.10	<0.10	<0.05	16
SG-9-6	53	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	53
SG-9-12	91	<1.0	<1.0	<1.0	<1.0	<0.10	0.12	<0.05	<0.10	<0.10	<0.05	91
SG-9-19	27	<1.0	<1.0	<1.0	<1.0	<0.10	1.6	<0.05	0.35	<0.10	0.41	29
SG-10-6	7.2	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	7.2
SG-10-12	9.2	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	9.2
SG-10-24	11	<1.0	<1.0	<1.0	<1.0	<0.10	0.64	<0.05	<0.10	<0.10	<0.05	12
SG-11-6	11	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	11
SG-11-12	42	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	42
SG-11-24	29	<1.0	<1.0	<1.0	<1.0	<0.10	0.61	<0.05	0.42	<0.10	0.45	30
SG-12-6	41	<1.0	<1.0	<1.0	<1.0	<0.10	0.45	<0.05	<0.10	<0.10	<0.05	41
SG-12-12	50	<1.0	<1.0	<1.0	<1.0	<0.10	0.24	<0.05	<0.10	<0.10	<0.05	50
SG-12-24	9.3	<1.0	<1.0	2.4	<1.0	<0.10	1.1	<0.05	0.10	<0.10	<0.05	13
SG-13-6	118	<1.0	<1.0	<1.0	<1.0	<0.10	4.7	<0.05	<0.10	<0.10	0.88	124
SG-13-12	155	<1.0	<1.0	<1.0	<1.0	<0.10	6.3	<0.05	0.28	<0.10	0.59	162
SG-13-21	259	<1.0	<1.0	<1.0	<1.0	<0.10	14	<0.05	4.7	<0.10	2.6	280
SG-14-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
SG-14-12	5.9	<1.0	<1.0	1.6	<1.0	<0.10	0.98	<0.05	<0.10	<0.10	<0.05	8.5
SG-14-15	3.8	<1.0	<1.0	<1.0	<1.0	<0.10	0.73	<0.05	<0.10	<0.10	<0.05	4.5
SG-15-6	136	<1.0	<1.0	<1.0	<1.0	<0.10	4.7	<0.05	<0.10	<0.10	0.83	142
SG-15-12	160	<1.0	<1.0	<1.0	<1.0	<0.10	5.5	<0.05	<0.10	<0.10	0.19	166
SG-15-18	62	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	62

* TCV = SUM OF THE CONCENTRATIONS OF ALL STANDARDIZED CHLORINATED ANAYLTES.

11DCE = 1,1-dichloroethene
t12DCE = trans-1,2-dichloroethene
c12DCE = cis-1,2-dichloroethene
111TCA = 1,1,1-trichloroethane
TCE = trichloroethene
PCE = tetrachloroethene

CH_2Cl2 = methylene chloride
11DCA = 1,1-dichloroethane
$CHCl_3$ = chloroform
CCl_4 = carbon tetrachloride
112TCA = 1,1,2-trichloroethane

TABLE 2(CONT)

ANALYTE CONCENTRATIONS VIA GC/ECD (μg/l)

PAMPLE	11DCE	CH_2Cl_2	t12DCE	11DCA	c12DCE	$CHCl_3$	111TCA	CCl_4	TCE	112TCA	PCE	TCV
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0	0.10	0.10	0.05	0.10	0.10	0.05	1.0
SG-16-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
SG-16-12	15	<1.0	<1.0	<1.0	<1.0	<0.10	0.52	<0.05	<0.10	<0.10	<0.05	16
SG-16-15	1.6	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	1.6
SG-17-6	124	<1.0	<1.0	<1.0	<1.0	<0.10	3.1	<0.05	<0.10	<0.10	0.31	127
SG-17-12	133	<1.0	<1.0	<1.0	<1.0	<0.10	3.7	<0.05	<0.10	<0.10	<0.05	137
SG-17-21	14	<1.0	<1.0	<1.0	<1.0	<0.10	3.9	<0.05	0.19	<0.10	<0.05	18
SG-18-6	2.9	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	2.9
SG-18-12	18	<1.0	<1.0	<1.0	<1.0	<0.10	0.13	<0.05	<0.10	<0.10	<0.05	18
SG-18-15	46	<1.0	<1.0	<1.0	<1.0	<0.10	2.5	<0.05	<0.10	<0.10	<0.05	49
SG-19-4	7.6	<1.0	<1.0	<1.0	<1.0	<0.10	0.46	<0.05	<0.10	<0.10	<0.05	8.1
SG-19-8	106	<1.0	<1.0	<1.0	<1.0	<0.10	5.0	<0.05	<0.10	<0.10	0.08	111
SG-19-14	103	<1.0	<1.0	<1.0	<1.0	<0.10	4.7	<0.05	<0.10	<0.10	<0.05	108
SG-20-6	3.6	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	3.6
SG-20-12	35	<1.0	<1.0	<1.0	<1.0	<0.10	0.97	<0.05	<0.10	<0.10	<0.05	36
SG-20-15	11	<1.0	<1.0	<1.0	<1.0	<0.10	0.26	<0.05	<0.10	<0.10	<0.05	11
SG-21-4	62	<1.0	<1.0	<1.0	<1.0	<0.10	1.1	<0.05	<0.10	<0.10	0.08	63
SG-21-8	130	<1.0	<1.0	<1.0	<1.0	<0.10	2.3	<0.05	<0.10	<0.10	<0.05	132
SG-21-13	99	<1.0	<1.0	<1.0	<1.0	<0.10	3.6	<0.05	<0.10	<0.10	<0.05	103
SG-23-4	1.9	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	1.9
SG-23-8	41	<1.0	<1.0	<1.0	<1.0	<0.10	0.18	<0.05	<0.10	<0.10	<0.05	41
SG-23-15	58	<1.0	<1.0	<1.0	<1.0	<0.10	1.1	<0.05	<0.10	<0.10	<0.05	59
SG-25-4	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
SG-25-8	112	<1.0	<1.0	<1.0	<1.0	<0.10	0.65	<0.05	<0.10	<0.10	<0.05	113
SG-25-15	95	<1.0	<1.0	<1.0	<1.0	<0.10	2.4	<0.05	0.11	<0.10	0.05	98
SG-27-4	1.8	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	0.07	1.9
SG-27-8	17	<1.0	<1.0	<1.0	<1.0	<0.10	0.34	<0.05	<0.10	<0.10	0.35	18
SG-27-15	73	<1.0	<1.0	<1.0	<1.0	<0.10	1.3	<0.05	0.30	<0.10	1.2	76
SG-27-21	39	<1.0	<1.0	<1.0	<1.0	<0.10	1.8	<0.05	<0.10	<0.10	0.13	41
SG-28-6	20	<1.0	<1.0	<1.0	<1.0	<0.10	0.82	<0.05	<0.10	<0.10	<0.05	21
SG-28-12	24	<1.0	<1.0	<1.0	<1.0	<0.10	1.1	<0.05	<0.10	<0.10	<0.05	25
SG-28-21	45	<1.0	<1.0	<1.0	<1.0	<0.10	1.4	<0.05	0.17	<0.10	0.06	47
SG-29-4	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
SG-29-8	58	<1.0	<1.0	2.6	<1.0	<0.10	3.1	<0.05	0.38	<0.10	0.10	64
SG-29-15	112	<1.0	<1.0	1.7	<1.0	<0.10	6.3	<0.05	0.16	<0.10	<0.05	120

* TCV = SUM OF THE CONCENTRATIONS OF ALL STANDARDIZED CHLORINATED ANAYLTES.

11DCE = 1,1-dichloroethene
t12DCE = trans-1,2-dichloroethene
c12DCE = cis-1,2-dichloroethene
111TCA = 1,1,1-trichloroethane
TCE = trichloroethene
PCE = tetrachloroethene

CH_2Cl2 = methylene chloride
11DCA = 1,1-dichloroethane
$CHCl_3$ = chloroform
CCl_4 = carbon tetrachloride
112TCA = 1,1,2-trichloroethane

TABLE 2(CONT)

ANALYTE CONCENTRATIONS VIA GC/ECD (μg/l)

PAMPLE	11DCE	CH_2Cl_2	t12DCE	11DCA	c12DCE	$CHCl_3$	111TCA	CCl_4	TCE	112TCA	PCE	TCV
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0	0.10	0.10	0.05	0.10	0.10	0.05	1.0
SG-30-4	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
SG-30-8	26	<1.0	<1.0	<1.0	<1.0	<0.10	1.3	<0.05	<0.10	<0.10	<0.05	27
SG-31-6	53	<1.0	<1.0	3.3	3.1	<0.10	2.9	<0.05	<0.10	<0.10	<0.05	62
SG-31-9	43	<1.0	<1.0	2.5	<1.0	<0.10	2.8	<0.05	<0.10	<0.10	<0.05	48
SG-32-6	4.5	<1.0	<1.0	<1.0	<1.0	<0.10	0.27	<0.05	<0.10	<0.10	<0.05	4.8
SG-32-12	25	<1.0	<1.0	<1.0	<1.0	<0.10	1.7	<0.05	<0.10	<0.10	<0.05	27
SG-32-21	52	<1.0	<1.0	2.9	<1.0	<0.10	4.8	<0.05	0.59	<0.10	0.05	60
SG-33-6	8.1	<1.0	<1.0	<1.0	<1.0	<0.10	0.67	<0.05	<0.10	<0.10	<0.05	8.8
SG-33-12	36	<1.0	<1.0	<1.0	<1.0	<0.10	3.2	<0.05	<0.10	<0.10	<0.05	39
SG-33-17	31	<1.0	<1.0	<1.0	<1.0	<0.10	3.4	<0.05	0.47	<0.10	0.11	35
SG-34-4	14	<1.0	<1.0	<1.0	<1.0	<0.10	0.60	<0.05	<0.10	<0.10	<0.05	15
SG-34-8	31	<1.0	<1.0	<1.0	<1.0	<0.10	2.3	<0.05	<0.10	<0.10	<0.05	33
SG-34-15	25	<1.0	<1.0	<1.0	<1.0	<0.10	2.8	<0.05	<0.10	<0.10	<0.05	28
SG-34-21	111	<1.0	<1.0	8.4	<1.0	<0.10	15	<0.05	2.7	<0.10	0.60	138
SG-35-6	41	<1.0	<1.0	<1.0	<1.0	<0.10	4.7	<0.05	<0.10	<0.10	<0.05	46
SG-35-15	39	<1.0	<1.0	<1.0	<1.0	<0.10	3.5	<0.05	<0.10	<0.10	<0.05	43
SG-35-18	81	<1.0	<1.0	9.8	<1.0	<0.10	15	<0.05	1.3	<0.10	0.31	107
SG-36-6	13	<1.0	<1.0	<1.0	<1.0	<0.10	0.82	<0.05	<0.10	<0.10	<0.05	14
SG-36-12	1.1	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	1.1
SG-37-6	51	<1.0	<1.0	<1.0	<1.0	<0.10	6.5	<0.05	0.17	<0.10	0.17	58
SG-37-12	30	<1.0	<1.0	<1.0	<1.0	<0.10	2.4	<0.05	<0.10	<0.10	<0.05	32
SG-37-16	51	<1.0	<1.0	7.0	<1.0	<0.10	5.8	<0.05	1.1	<0.10	0.51	65
SG-38-6	5.1	<1.0	<1.0	<1.0	<1.0	<0.10	0.27	<0.05	<0.10	<0.10	<0.05	5.4
SG-38-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
SG-39-6	32	<1.0	<1.0	<1.0	<1.0	<0.10	3.4	<0.05	0.13	<0.10	0.23	36
SG-39-12	43	<1.0	<1.0	<1.0	<1.0	<0.10	3.2	<0.05	<0.10	<0.10	0.06	46
SG-39-19	36	<1.0	<1.0	1.0	<1.0	<0.10	3.9	<0.05	0.21	<0.10	<0.05	41
SG-40-6	3.9	<1.0	<1.0	<1.0	<1.0	<0.10	0.23	<0.05	<0.10	<0.10	<0.05	4.1
SG-40-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
SG-40-21	22	<1.0	<1.0	<1.0	<1.0	<0.10	0.95	<0.05	<0.10	<0.10	<0.05	23
TG-1-12	939	<1.0	<1.0	71	39	0.19	198	<0.05	83	<0.10	26	1,356
TG-1-20	608	<1.0	<1.0	50	27	0.14	125	<0.05	59	<0.10	15	884

* TCV = SUM OF THE CONCENTRATIONS OF ALL STANDARDIZED CHLORINATED ANAYLTES.

11DCE = 1,1-dichloroethene
t12DCE = trans-1,2-dichloroethene
c12DCE = cis-1,2-dichloroethene
111TCA = 1,1,1-trichloroethane
TCE = trichloroethene
PCE = tetrachloroethene

CH_2Cl2 = methylene chloride
11DCA = 1,1-dichloroethane
$CHCl_3$ = chloroform
CCl_4 = carbon tetrachloride
112TCA = 1,1,2-trichloroethane

TABLE 2(CONT)

ANALYTE CONCENTRATIONS VIA GC/ECD (μg/l)

PAMPLE	11DCE	CH_2Cl_2	t12DCE	11DCA	c12DCE	$CHCl_3$	111TCA	CCl_4	TCE	112TCA	PCE	TCV
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0	0.10	0.10	0.05	0.10	0.10	0.05	1.0
TG-2-12	526	<1.0	<1.0	44	36	0.29	118	<0.05	75	<0.10	9.7	809
TG-2-22	95	<1.0	<1.0	8.7	5.2	<0.10	24	<0.05	8.6	<0.10	1.6	143
TG-3-12	374	<1.0	<1.0	21	12	0.13	81	<0.05	31	<0.10	2.7	522
TG-3-21	117	<1.0	<1.0	15	5.0	<0.10	25	<0.05	3.8	<0.10	0.59	166
TG-4-12	118	<1.0	<1.0	1.8	<1.0	<0.10	36	<0.05	3.2	<0.10	0.71	160
TG-4-21	85	<1.0	<1.0	11	<1.0	<0.10	21	<0.05	1.0	<0.10	0.26	118
TG-5-6	307	<1.0	<1.0	40	98	0.14	58	<0.05	30	<0.10	11	544
TG-5-12	938	<1.0	<1.0	68	144	0.51	168	<0.05	114	<0.10	17	1,450
TG-5-24	193	<1.0	<1.0	14	25	0.11	59	<0.05	16	<0.10	2.2	309
TG-6-6	200	<1.0	<1.0	36	21	<0.10	38	<0.05	12	<0.10	5.8	313
TG-6-12	426	<1.0	<1.0	42	39	<0.10	61	<0.05	17	<0.10	4.9	590
TG-6-22	57	<1.0	<1.0	14	<1.0	<0.10	8.1	<0.05	2.7	<0.10	0.97	83
TG-7-6	106	<1.0	<1.0	10	7.4	<0.10	17	<0.05	2.3	<0.10	1.6	144
TG-7-12	578	<1.0	<1.0	25	12	<0.10	72	<0.05	9.4	<0.10	3.7	700
TG-7-24	128	<1.0	<1.0	6.3	<1.0	<0.10	18	<0.05	6.8	<0.10	1.5	161
TG-8-6	36	<1.0	<1.0	2.1	<1.0	<0.10	2.8	<0.05	0.28	<0.10	0.23	41
TG-8-12	636	<1.0	<1.0	37	14	<0.10	50	<0.05	4.3	<0.10	3.6	745
TG-8-24	198	<1.0	<1.0	17	7.9	<0.10	29	<0.05	6.1	<0.10	1.9	260
TG-9-6	387	<1.0	<1.0	2.1	<1.0	<0.10	41	<0.05	0.89	<0.10	3.5	434
TG-9-12	546	<1.0	<1.0	4.8	<1.0	<0.10	60	<0.05	2.7	<0.10	4.0	618
TG-9-24	200	<1.0	<1.0	16	33	<0.10	61	<0.05	12	<0.10	3.3	325
TG-10-6	125	<1.0	<1.0	<1.0	<1.0	<0.10	3.7	<0.05	0.19	<0.10	0.66	130
TG-10-12	602	<1.0	<1.0	8.1	2.8	<0.10	52	<0.05	10	<0.10	4.9	680
TG-10-24	105	<1.0	<1.0	16	38	<0.10	52	<0.05	31	<0.10	3.5	246
TG-11-6	8.4	<1.0	<1.0	<1.0	<1.0	<0.10	0.44	<0.05	0.46	<0.10	0.29	9.6
TG-11-12	4.1	<1.0	<1.0	<1.0	<1.0	<0.10	0.13	<0.05	<0.10	<0.10	<0.05	4.2
TG-12-6	475	<1.0	<1.0	3.4	<1.0	<0.10	19	<0.05	0.45	<0.10	4.2	502
TG-12-12	999	<1.0	<1.0	48	12	<0.10	112	<0.05	25	<0.10	8.9	1,205
TG-12-24	650	<1.0	<1.0	25	127	0.30	100	<0.05	68	<0.10	8.6	979
TG-13-6	127	<1.0	<1.0	<1.0	<1.0	<0.10	5.6	<0.05	1.2	<0.10	2.0	136
TG-13-12	1,141	<1.0	<1.0	13	8.5	<0.10	152	<0.05	104	<0.10	18	1,437
TG-13-24	1,460	<1.0	<1.0	15	75	0.32	176	<0.05	153	<0.10	14	1,893

* TCV = SUM OF THE CONCENTRATIONS OF ALL STANDARDIZED CHLORINATED ANAYLTES.

11DCE = 1,1-dichloroethene
t12DCE = trans-1,2-dichloroethene
c12DCE = cis-1,2-dichloroethene
111TCA = 1,1,1-trichloroethane
TCE = trichloroethene
PCE = tetrachloroethene

CH_2Cl2 = methylene chloride
11DCA = 1,1-dichloroethane
$CHCl_3$ = chloroform
CCl_4 = carbon tetrachloride
112TCA = 1,1,2-trichloroethane

TABLE 2(CONT)

ANALYTE CONCENTRATIONS VIA GC/ECD (µg/l)

PAMPLE	11DCE	CH_2Cl_2	t12DCE	11DCA	c12DCE	$CHCl_3$	111TCA	CCl_4	TCE	112TCA	PCE	TCV
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0	0.10	0.10	0.05	0.10	0.10	0.05	1.0
TG-14-6	464	<1.0	<1.0	2.3	<1.0	<0.10	22	<0.05	1.0	<0.10	2.1	491
TG-14-12	1,011	<1.0	<1.0	28	14	<0.10	130	<0.05	43	<0.10	21	1,247
TG-14-24	643	<1.0	<1.0	12	14	<0.10	92	<0.05	59	<0.10	11	831
TG-15-6	390	<1.0	<1.0	5.2	<1.0	<0.10	15	<0.05	0.88	<0.10	2.1	413
TG-15-12	987	<1.0	<1.0	35	35	<0.10	137	<0.05	87	<0.10	17	1,298
TG-15-24	422	<1.0	<1.0	21	27	<0.10	64	<0.05	17	<0.10	5.0	556
TG-16-6	39	<1.0	<1.0	1.1	<1.0	<0.10	4.0	<0.05	0.80	<0.10	0.32	45
TG-16-12	530	<1.0	<1.0	16	<1.0	<0.10	62	<0.05	5.7	<0.10	1.7	615
TG-16-24	383	<1.0	<1.0	7.0	<1.0	<0.10	59	<0.05	7.7	<0.10	1.6	458
TG-17-6	25	<1.0	<1.0	<1.0	<1.0	<0.10	1.3	<0.05	0.16	<0.10	<0.05	26
TG-17-12	399	<1.0	<1.0	16	<1.0	<0.10	25	<0.05	1.9	<0.10	1.5	443
TG-17-24	437	<1.0	<1.0	21	<1.0	<0.10	54	<0.05	5.8	<0.10	1.3	519
TG-18-6	53	<1.0	<1.0	<1.0	<1.0	<0.10	2.8	<0.05	0.11	<0.10	0.53	56
TG-18-12	387	<1.0	<1.0	1.6	<1.0	<0.10	23	<0.05	1.7	<0.10	1.8	415
TG-18-24	435	<1.0	<1.0	4.5	<1.0	<0.10	44	<0.05	4.8	<0.10	2.4	491
TG-19-6	86	<1.0	<1.0	6.6	<1.0	<0.10	5.6	<0.05	0.41	<0.10	0.89	100
TG-19-12	485	<1.0	<1.0	21	20	<0.10	75	<0.05	16	<0.10	5.1	622
TG-19-24	919	<1.0	<1.0	9.9	31	0.11	110	<0.05	53	<0.10	9.3	1,132
TG-20-6	419	<1.0	<1.0	28	136	<0.10	70	<0.05	16	<0.10	12	681
TG-20-12	763	<1.0	<1.0	31	62	0.28	132	<0.05	56	<0.10	12	1,056
TG-20-24	791	<1.0	<1.0	14	30	0.13	95	<0.05	37	<0.10	3.7	971
TG-21-6	112	<1.0	<1.0	16	19	<0.10	18	<0.05	4.1	<0.10	1.4	171
TG-21-12	621	<1.0	<1.0	36	37	<0.10	82	<0.05	14	<0.10	4.4	794
TG-21-24	653	<1.0	<1.0	18	32	<0.10	84	<0.05	36	<0.10	4.4	827
TG-22-6	172	<1.0	<1.0	22	7.5	<0.10	17	<0.05	1.8	<0.10	1.3	222
TG-22-12	430	<1.0	<1.0	36	17	<0.10	41	<0.05	5.5	<0.10	2.3	532
TG-22-24	494	<1.0	<1.0	14	13	<0.10	72	<0.05	38	<0.10	4.9	636
TG-23-6	342	<1.0	<1.0	22	<1.0	<0.10	36	<0.05	3.5	<0.10	2.5	406
TG-23-12	424	<1.0	<1.0	33	4.1	<0.10	57	<0.05	9.5	<0.10	3.2	531
TG-23-24	99	<1.0	<1.0	19	10	<0.10	27	<0.05	8.6	<0.10	1.4	165
TG-24-6	4.5	<1.0	<1.0	<1.0	<1.0	<0.10	0.34	<0.05	0.31	<0.10	0.08	5.2
TG-24-12	24	<1.0	<1.0	<1.0	<1.0	<0.10	1.6	<0.05	<0.10	<0.10	<0.05	26
TG-24-24	62	<1.0	<1.0	<1.0	<1.0	<0.10	3.3	<0.05	0.76	<0.10	0.21	66

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c12DCE = cis-1,2-dichloroethene
111TCA = 1,1,1-trichloroethane
TCE = trichloroethene
PCE = tetrachloroethene

CH_2Cl2 = methylene chloride
11DCA = 1,1-dichloroethane
$CHCl_3$ = chloroform
CCl_4 = carbon tetrachloride
112TCA = 1,1,2-trichloroethane

TABLE 2(CONT)

ANALYTE CONCENTRATIONS VIA GC/ECD (μg/l)

PAMPLE	11DCE	CH_2Cl_2	t12DCE	11DCA	c12DCE	$CHCl_3$	111TCA	CCl_4	TCE	112TCA	PCE	TCV
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0	0.10	0.10	0.05	0.10	0.10	0.05	1.0
TG-25-6	3.4	<1.0	<1.0	<1.0	<1.0	<0.10	0.21	<0.05	<0.10	<0.10	<0.05	3.6
TG-25-12	29	<1.0	<1.0	<1.0	<1.0	<0.10	2.6	<0.05	<0.10	<0.10	<0.05	32
TG-25-20	48	<1.0	<1.0	4.7	<1.0	<0.10	5.1	<0.05	0.22	<0.10	<0.05	58
TG-26-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
TG-26-12	21	<1.0	<1.0	<1.0	<1.0	<0.10	1.9	<0.05	<0.10	<0.10	<0.05	23
TG-27-6	1.9	<1.0	<1.0	<1.0	<1.0	<0.10	0.12	<0.05	<0.10	<0.10	<0.05	2.0
TG-27-12	16	<1.0	<1.0	<1.0	<1.0	<0.10	1.2	<0.05	<0.10	<0.10	<0.05	17
TG-27-21	58	<1.0	<1.0	12	<1.0	<0.10	7.2	<0.05	0.68	<0.10	0.15	78
TG-28-6	3.0	<1.0	<1.0	<1.0	<1.0	<0.10	0.34	<0.05	<0.10	<0.10	<0.05	3.3
TG-28-12	16	<1.0	<1.0	<1.0	<1.0	<0.10	1.2	<0.05	<0.10	<0.10	<0.05	17
TG-28-21	31	<1.0	<1.0	<1.0	<1.0	<0.10	2.8	<0.05	0.21	<0.10	<0.05	34
TG-29-6	2.2	<1.0	<1.0	<1.0	<1.0	<0.10	0.21	<0.05	<0.10	<0.10	<0.05	2.4
TG-29-12	3.9	<1.0	<1.0	<1.0	<1.0	<0.10	0.10	<0.05	<0.10	<0.10	<0.05	4.0
TG-29-17	20	<1.0	<1.0	1.7	<1.0	<0.10	2.2	<0.05	0.20	<0.10	<0.05	24
TG-30-6	3.1	<1.0	<1.0	<1.0	<1.0	<0.10	0.20	<0.05	<0.10	<0.10	<0.05	3.3
TG-30-12	3.1	<1.0	<1.0	<1.0	<1.0	<0.10	0.23	<0.05	<0.10	<0.10	<0.05	3.3
TG-30-17	54	<1.0	<1.0	4.0	<1.0	<0.10	7.3	<0.05	1.5	<0.10	0.33	67
56-1-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-1-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-1-21	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-3-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-3-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-3-20	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-5-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-5-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-5-21	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-7-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-7-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-7-18	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-9-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-9-10	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-11-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-11-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-11-21	<1.0	13	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	13

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111TCA = 1,1,1-trichloroethane
TCE = trichloroethene
PCE = tetrachloroethene

CH_2Cl2 = methylene chloride
11DCA = 1,1-dichloroethane
$CHCl_3$ = chloroform
CCl_4 = carbon tetrachloride
112TCA = 1,1,2-trichloroethane

TABLE 2(CONT)

ANALYTE CONCENTRATIONS VIA GC/ECD (μg/l)

PAMPLE	11DCE	CH_2Cl_2	t12DCE	11DCA	c12DCE	$CHCl_3$	111TCA	CCl_4	TCE	112TCA	PCE	TCV
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0	0.10	0.10	0.05	0.10	0.10	0.05	1.0
56-13-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-13-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-13-21	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-15-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-15-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-15-18	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-17-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-17-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-17-17	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-19-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-19-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-19-15	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-21-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-21-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-23-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-23-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-23-14	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-25-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-25-10	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-27-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-27-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-27-24	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-29-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-29-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-29-24	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-31-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-31-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-31-27	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-32-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-32-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-32-21	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-33-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-33-20	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-33-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0

• TCV = SUM OF THE CONCENTRATIONS OF ALL STANDARDIZED CHLORINATED ANAYLTES.

11DCE = 1,1-dichloroethene
t12DCE = trans-1,2-dichloroethene
c12DCE = cis-1,2-dichloroethene
111TCA = 1,1,1-trichloroethane
TCE = trichloroethene
PCE = tetrachloroethene

CH_2Cl2 = methylene chloride
11DCA = 1,1-dichloroethane
$CHCl_3$ = chloroform
CCl_4 = carbon tetrachloride
112TCA = 1,1,2-trichloroethane

TABLE 2(CONT)

ANALYTE CONCENTRATIONS VIA GC/ECD (μg/l)

PAMPLE	11DCE	CH_2Cl_2	t12DCE	11DCA	c12DCE	$CHCl_3$	111TCA	CCl_4	TCE	112TCA	PCE	TCV
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0	0.10	0.10	0.05	0.10	0.10	0.05	1.0
56-35-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-35-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-35-21	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-37-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-37-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-37-20	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-39-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-39-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-1-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-1-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-1-24	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-2-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-2-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-2-24	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-3-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-3-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-3-24	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-4-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	0.15	0.15
56-TG-4-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	0.06	0.06
56-TG-4-22	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	0.17	0.17
56-TG-5-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-5-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-6-6	<1.0	<1.0	<1.0	<1.0	<1.0	0.20	<0.10	<0.05	<0.10	<0.10	<0.05	0.20
56-TG-6-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-6-24	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-7-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-7-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-7-24	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-8-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-8-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-8-24	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-9-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-9-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-9-24	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0

* TCV = SUM OF THE CONCENTRATIONS OF ALL STANDARDIZED CHLORINATED ANAYLTES.

11DCE = 1,1-dichloroethene
t12DCE = trans-1,2-dichloroethene
c12DCE = cis-1,2-dichloroethene
111TCA = 1,1,1-trichloroethane
TCE = trichloroethene
PCE = tetrachloroethene

CH_2Cl2 = methylene chloride
11DCA = 1,1-dichloroethane
$CHCl_3$ = chloroform
CCl_4 = carbon tetrachloride
112TCA = 1,1,2-trichloroethane

TABLE 2(CONT)

ANALYTE CONCENTRATIONS VIA GC/ECD (μg/l)

PAMPLE	11DCE	CH_2Cl_2	t12DCE	11DCA	c12DCE	$CHCl_3$	111TCA	CCl_4	TCE	112TCA	PCE	TCV
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0	0.10	0.10	0.05	0.10	0.10	0.05	1.0
56-TG-10-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-10-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-10-24	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-11-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-11-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-12-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-12-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-12-24	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-12-30	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-13-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-13-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-13-24	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-14-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	0.10	0.10
56-TG-14-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-14-24	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	0.16	0.16
56-TG-15-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-15-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-15-18	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-16-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-16-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-16-24	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-17-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-17-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-17-24	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
FIELD CONTROL SAMPLES												
1	<1.0	<1.0	<1.0	2.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	2.0
2	<1.0	<1.0	<1.0	2.1	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	2.1
3	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
4	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
5	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
7	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
8	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
9	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0

• TCV = SUM OF THE CONCENTRATIONS OF ALL STANDARDIZED CHLORINATED ANAYLTES.

11DCE = 1,1-dichloroethene
t12DCE = trans-1,2-dichloroethene
c12DCE = cis-1,2-dichloroethene
111TCA = 1,1,1-trichloroethane
TCE = trichloroethene
PCE = tetrachloroethene

CH_2Cl2 = methylene chloride
11DCA = 1,1-dichloroethane
$CHCl_3$ = chloroform
CCl_4 = carbon tetrachloride
112TCA = 1,1,2-trichloroethane

TABLE 2(CONT)

ANALYTE CONCENTRATIONS VIA GC/ECD (μg/l)

PAMPLE	11DCE	CH_2Cl_2	t12DCE	11DCA	c12DCE	$CHCl_3$	111TCA	CCl_4	TCE	112TCA	PCE	TCV
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0	0.10	0.10	0.05	0.10	0.10	0.05	1.0
FIELD CONTROL SAMPLES (cont)												
10	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
11	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
13	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
14	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
15	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
16	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
17	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
18	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
19	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
20	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
21	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
22	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
23	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
24	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
25	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
26	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
27	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
DUPLICATE SAMPLES												
SG-9-19	27	<1.0	<1.0	<1.0	<1.0	<0.10	1.6	<0.05	0.35	<0.10	0.41	29
SG-9-19D	23	<1.0	<1.0	<1.0	<1.0	<0.10	1.3	<0.05	0.26	<0.10	0.30	25
SG-30-8	26	<1.0	<1.0	<1.0	<1.0	<0.10	1.3	<0.05	<0.10	<0.10	<0.05	27
SG-30-8D	27	<1.0	<1.0	<1.0	<1.0	<0.10	1.4	<0.05	<0.10	<0.10	<0.05	28
SG-33-17	31	<1.0	<1.0	<1.0	<1.0	<0.10	3.4	<0.05	0.47	<0.10	0.11	35
SG-33-17D	32	<1.0	<1.0	<1.0	<1.0	<0.10	3.5	<0.05	0.49	<0.10	0.12	36
SG-40-21	22	<1.0	<1.0	<1.0	<1.0	<0.10	0.95	<0.05	<0.10	<0.10	<0.05	23
SG-40-21D	22	<1.0	<1.0	<1.0	<1.0	<0.10	0.94	<0.05	<0.10	<0.10	<0.05	23
TG-5-12	938	<1.0	<1.0	68	144	0.51	168	<0.05	114	<0.10	17	1,450
TG-5-12D	987	<1.0	<1.0	68	146	0.52	178	<0.05	122	<0.10	18	1,520
TG-20-12	763	<1.0	<1.0	31	62	0.28	132	<0.05	56	<0.10	12	1,056
TG-20-12D	775	<1.0	<1.0	30	62	0.27	135	<0.05	59	<0.10	13	1,074

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11DCE = 1,1-dichloroethene
t12DCE = trans-1,2-dichloroethene
c12DCE = cis-1,2-dichloroethene
111TCA = 1,1,1-trichloroethane
TCE = trichloroethene
PCE = tetrachloroethene

CH_2Cl2 = methylene chloride
11DCA = 1,1-dichloroethane
$CHCl_3$ = chloroform
CCl_4 = carbon tetrachloride
112TCA = 1,1,2-trichloroethane

TABLE 2(CONT)

ANALYTE CONCENTRATIONS VIA GC/ECD (μg/l)

PAMPLE	11DCE	CH_2Cl_2	t12DCE	11DCA	c12DCE	$CHCl_3$	111TCA	CCl_4	TCE	112TCA	PCE	TCV
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0	0.10	0.10	0.05	0.10	0.10	0.05	1.0
DUPLICATE SAMPLE (cont)												
56-19-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-19-6D	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-10-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-10-12D	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
LABORATORY DUPLICATE ANALYSIS												
20	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
20R	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
24	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
24R	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
26	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
26R	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
SG-5-12	92	<1.0	<1.0	<1.0	<1.0	<0.10	1.8	<0.05	<0.10	<0.10	<0.05	94
SG-5-12R	92	<1.0	<1.0	<1.0	<1.0	<0.10	1.8	<0.05	<0.10	<0.10	<0.05	94
SG-7-16	12	<1.0	<1.0	<1.0	<1.0	<0.10	4.1	<0.05	<0.10	<0.10	<0.05	16
SG-7-16R	8.6	<1.0	<1.0	<1.0	<1.0	<0.10	3.0	<0.05	<0.10	<0.10	<0.05	12
SG-13-21	259	<1.0	<1.0	<1.0	<1.0	<0.10	14	<0.05	4.7	<0.10	2.6	280
SG-13-21R	211	<1.0	<1.0	<1.0	<1.0	<0.10	13	<0.05	3.8	<0.10	2.0	230
SG-14-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
SG-14-6R	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
SG-15-6	136	<1.0	<1.0	<1.0	<1.0	<0.10	4.7	<0.05	<0.10	<0.10	0.83	142
SG-15-6R	114	<1.0	<1.0	<1.0	<1.0	<0.10	3.9	<0.05	<0.10	<0.10	0.61	119
SG-21-4	62	<1.0	<1.0	<1.0	<1.0	<0.10	1.1	<0.05	<0.10	<0.10	0.08	63
SG-21-4R	50	<1.0	<1.0	<1.0	<1.0	<0.10	0.84	<0.05	<0.10	<0.10	<0.05	51
SG-23-4	1.9	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	1.9
SG-23-4R	1.8	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	1.8
SG-31-9	43	<1.0	<1.0	2.5	<1.0	<0.10	2.8	<0.05	<0.10	<0.10	<0.05	48
SG-31-9R	42	<1.0	<1.0	2.4	<1.0	<0.10	2.8	<0.05	<0.10	<0.10	<0.05	47
SG-39-6	32	<1.0	<1.0	<1.0	<1.0	<0.10	3.4	<0.05	0.13	<0.10	0.23	36
SG-39-6R	32	<1.0	<1.0	<1.0	<1.0	<0.10	3.5	<0.05	0.13	<0.10	0.22	36

• TCV = SUM OF THE CONCENTRATIONS OF ALL STANDARDIZED CHLORINATED ANAYLTES.

11DCE = 1,1-dichloroethene
t12DCE = trans-1,2-dichloroethene
c12DCE = cis-1,2-dichloroethene
111TCA = 1,1,1-trichloroethane
TCE = trichloroethene
PCE = tetrachloroethene

CH_2Cl2 = methylene chloride
11DCA = 1,1-dichloroethane
$CHCl_3$ = chloroform
CCl_4 = carbon tetrachloride
112TCA = 1,1,2-trichloroethane

TABLE 2(CONT)

ANALYTE CONCENTRATIONS VIA GC/ECD (µg/l)

PAMPLE	11DCE	CH_2Cl_2	t12DCE	11DCA	c12DCE	$CHCl_3$	111TCA	CCl_4	TCE	112TCA	PCE	TCV
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0	0.10	0.10	0.05	0.10	0.10	0.05	1.0
LABORATORY DUPLICATE ANALYSIS (cont)												
SG-40	22	<1.0	<1.0	<1.0	<1.0	<0.10	0.94	<0.05	<0.10	<0.10	<0.05	23
SG-40R	18	<1.0	<1.0	<1.0	<1.0	<0.10	0.75	<0.05	<0.10	<0.10	<0.05	19
TG-3-21	117	<1.0	<1.0	15	5.0	<0.10	25	<0.05	3.8	<0.10	0.59	166
TG-3-21R	114	<1.0	<1.0	14	4.6	<0.10	23	<0.05	3.6	<0.10	0.54	160
TG-5-D	987	<1.0	<1.0	68	146	0.52	178	<0.05	122	<0.10	18	1,520
TG-5-DR	974	<1.0	<1.0	59	137	0.50	176	<0.05	120	<0.10	18	1,485
TG-9-6	387	<1.0	<1.0	2.1	<1.0	<0.10	41	<0.05	0.89	<0.10	3.5	434
TG-9-6R	391	<1.0	<1.0	1.0	<1.0	<0.10	41	<0.05	0.84	<0.10	3.2	437
TG-12-6	475	<1.0	<1.0	3.4	<1.0	<0.10	19	<0.05	0.45	<0.10	4.2	502
TG-12-6R	479	<1.0	<1.0	2.8	<1.0	<0.10	19	<0.05	0.42	<0.10	4.2	505
TG-15-6	390	<1.0	<1.0	5.2	<1.0	<0.10	15	<0.05	0.88	<0.10	2.1	413
TG-15-6R	391	<1.0	<1.0	3.9	<1.0	<0.10	15	<0.05	0.85	<0.10	2.1	413
TG-23-12	424	<1.0	<1.0	33	4.1	<0.10	57	<0.05	9.5	<0.10	3.2	531
TG-23-12R	423	<1.0	<1.0	29	4.0	<0.10	56	<0.05	9.1	<0.10	3.0	524
TG-24-24	62	<1.0	<1.0	<1.0	<1.0	<0.10	3.3	<0.05	0.76	<0.10	0.21	66
TG-24-24R	59	<1.0	<1.0	<1.0	<1.0	<0.10	3.2	<0.05	0.72	<0.10	0.20	63
TG-28-6	3.0	<1.0	<1.0	<1.0	<1.0	<0.10	0.34	<0.05	<0.10	<0.10	<0.05	3.3
TG-28-6R	2.9	<1.0	<1.0	<1.0	<1.0	<0.10	0.33	<0.05	<0.10	<0.10	<0.05	3.2
56-9-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-9-6R	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-15-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-15-6R	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-25-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-25-6R	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-39-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-39-12R	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-2-24	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-2-24R	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-8-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-8-6R	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0

● TCV = SUM OF THE CONCENTRATIONS OF ALL STANDARDIZED CHLORINATED ANAYLTES.

11DCE = 1,1-dichloroethene
t12DCE = trans-1,2-dichloroethene
c12DCE = cis-1,2-dichloroethene
111TCA = 1,1,1-trichloroethane
TCE = trichloroethene
PCE = tetrachloroethene

CH_2Cl2 = methylene chloride
11DCA = 1,1-dichloroethane
$CHCl_3$ = chloroform
CCl_4 = carbon tetrachloride
112TCA = 1,1,2-trichloroethane

TABLE 2(CONT)

ANALYTE CONCENTRATIONS VIA GC/ECD (μg/l)

PAMPLE	11DCE	CH_2Cl_2	t12DCE	11DCA	c12DCE	$CHCl_3$	111TCA	CCl_4	TCE	112TCA	PCE	TCV
REPORTING LIMIT	1.0	1.0	1.0	1.0	1.0	0.10	0.10	0.05	0.10	0.10	0.05	1.0
LABORATORY DUPLICATE ANALYSIS (cont)												
56-TG-11-6	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-11-6R	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-12-12	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-12-12R	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
LABORATORY BLANKS												
20B	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
24B	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
26B	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
SG-5-12B	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
SG-7-16B	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
SG-13-21B	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
SG-14-6B	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
SG-15-6B	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
SG-21-4B	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
SG-23-4B	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
SG-31-9B	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
SG-39-6B	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
SG-40B	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
TG-3-21B	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
TG-5-DB	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
TG-9-6B	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
TG-12-6B	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
TG-15-6B	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
TG-23-12B	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
TG-24-24B	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
TG-28-6B	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-9-6B	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-15-6B	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-25-6B	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-39-12B	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-2-24B	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-8-6B	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-11-6B	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0
56-TG-12-12B	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.05	<0.10	<0.10	<0.05	<1.0

* TCV = SUM OF THE CONCENTRATIONS OF ALL STANDARDIZED CHLORINATED ANAYLTES.

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CH_2Cl2 = methylene chloride
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$CHCl_3$ = chloroform
CCl_4 = carbon tetrachloride
112TCA = 1,1,2-trichloroethane