



GTE Operations Support Incorporated
One Verizon Way (VC34W414)
Basking Ridge, New Jersey 07920-1097

January 11, 2013

Mr. Thomas Festa
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, NY 12233-7017

Re: *October 2012 Semi-Annual Groundwater Sampling Event*

Dear Mr. Festa:

Attached are the October 2012 semi-annual groundwater sampling results for the Former Philips Display Components Facility in Seneca Falls, New York (Site). Chlorinated volatile organic compounds, primarily trichloroethene, cis-1,2-dichloroethene, and vinyl chloride were reported in select groundwater samples at concentrations greater than New York State Department of Environmental Conservation (NYSDEC) Class GA Standards.

The next semi-annual groundwater sampling event is tentatively scheduled for the week of March 25, 2013 with passive diffusion bag deployment during the week of March 11, 2013.

Please call me at (908) 559-3691 if you have any questions.

Sincerely,

Pam M. Cox /MAF

Pam M. Cox, PG, CHMM
Manager – Corporate Workplace Safety &
Environmental Compliance

Mr. Thomas Festa
January 11, 2013
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cc:

Mr. Dale Carpenter
U.S. Environmental Protection Agency
290 Broadway
New York, NY 10007-1866

Ms. Melissa A. Menetti
New York State Department of Health
547 River Street
Troy, NY 12180

Ms. Patricia Jones
Seneca County Industrial Development Agency
1 DiPronio Drive
Waterloo, NY 13165-1681

Mr. Sam Ezekwo
USEPA, Region 2
Div. of Environ. Planning and Protection
290 Broadway, 22nd Floor
New York, NY 10007-1866

Mr. Matt Dukat
H.P. Neun
100 Dunn Road
Lyons, NY 14489

ecc:

Mr. Ray Larkin
Environmental Consultant
9 Hawthorne Court
North Kingstown, RI 02852-4646

Ms. Denise Radtke
NYS Dept of Environmental Conservation
625 Broadway
Albany, New York 12233-7252

Ms. Marzi Sharfaei
ARCADIS U.S., Inc.
1515 E. Woodfield Road, Suite 360
Schaumburg, IL 60173

Mr. Daniel Lang
ARCADIS U.S., Inc.
855 Route 146, Suite 210
Clifton Park, NY 12065

October 2012 Semi-Annual Groundwater Sampling

On October 15, 2012, ARCADIS U.S., Inc. measured groundwater levels and deployed passive diffusion bags (PDBs) to collect groundwater samples for volatile organic compound (VOC) analysis. Samples were collected from:

- Nine shallow monitoring wells (MW-1, MW-20, MW-22 through MW-26, MW-28 and MW-29),
- One weathered bedrock monitoring well (MW-BR-06), and
- Four bedrock monitoring wells (MW-BR-01, MW-BR-02, MW-BR-04 and MW-BR-05).

Figure 1 provides monitoring well locations.

Prior to PDB deployment, both depths to water and well bottom were measured. PDBs were installed at depths consistent with the middle of the well screen and remained in the wells for approximately two weeks.

On November 1, 2012 the PDBs were retrieved and groundwater samples were collected and shipped overnight to TestAmerica Laboratories, Inc. of Buffalo, NY. The groundwater and quality assurance/quality control samples (one trip blank and one duplicate) were analyzed for VOCs using United States Environmental Protection Agency Method 8260B. Data Validation Services, Inc. of North Creek, New York performed third-party data validation. Sample results are usable as reported or with minor qualification (Attachment).

Table 1 provides depth to water measurements. Table 2 provides the October 2012 groundwater analytical results. VOC concentrations in the October 2012 samples were compared to the New York State Department of Environmental Conservation (NYSDEC) Class GA Standards.

- Trichloroethene (TCE) and/or *cis*-1,2-dichloroethene (*cis*-1,2-DCE) were reported at concentrations greater than the NYSDEC Class GA Standard of 5 micrograms per liter (µg/l) in the samples from monitoring wells MW-22 through MW-26, MW-29, and MW-BR-06.
- Vinyl chloride was reported in the samples from monitoring wells MW-24 and MW-29 at a concentration greater than the NYSDEC Class GA Standard of 2 µg/l.
- 1,1-dichloroethane (1,1-DCA) was reported at concentrations greater than the NYSDEC Class GA Standard of 5 µg/l in the sample collected from monitoring well MW-1 and in the sample and duplicate collected from monitoring well MW-25.

Figures

Figure 1 – Monitoring Well Locations

Tables

Table 1 – Depth to Water Measurements (October 15, 2012)

Table 2 – Groundwater Analytical Results (October 2012)

Attachment

Data Validation Report

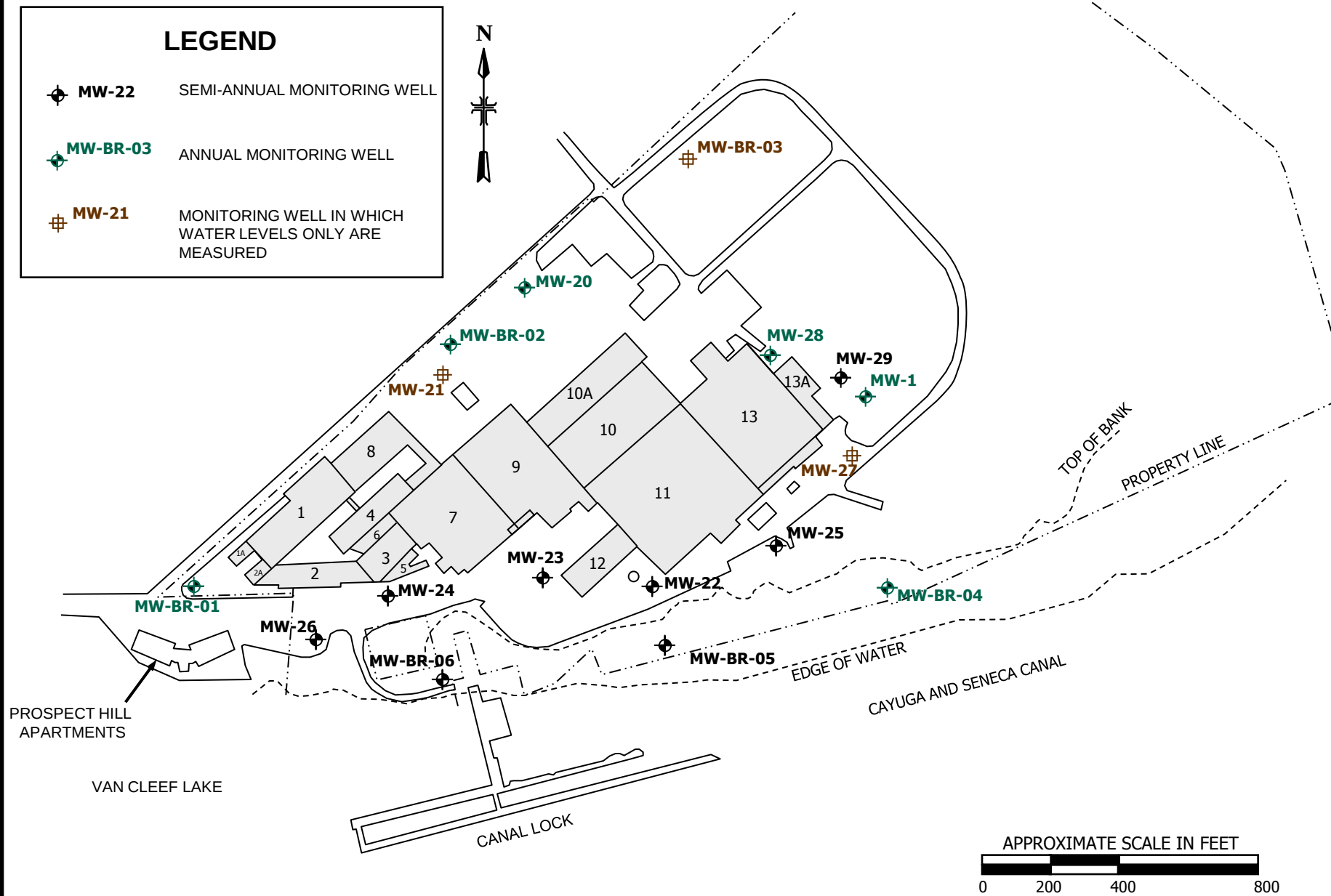
Figures

LEGEND

 **MW-22** SEMI-ANNUAL MONITORING WELL

 **MW-BR-03** ANNUAL MONITORING WELL

 **MW-21** MONITORING WELL IN WHICH WATER LEVELS ONLY ARE MEASURED



FORMER PHILIPS DISPLAY COMPONENTS FACILITY
SENECA FALLS, NEW YORK

MONITORING WELL LOCATIONS

FIGURE 1

Tables

Table 1
Depth to Water Measurements (October 15, 2012)
Former Philips Display Components Facility
Seneca Falls, New York

Well Number	Datum Elevation	Depth to Water (feet)	Water Level Elevation (feet AMSL)
MW-1	460.83	13.80	447.03
MW-20	463.42	1.91	461.51
MW-21	467.39	1.87	465.52
MW-22	460.77	6.64	454.13
MW-23	460.59	2.41	458.18
MW-24	462.76	3.23	459.53
MW-25	460.74	3.72	457.02
MW-26	458.80	4.11	454.69
MW-27	460.45	6.74	453.71
MW-28	461.26	7.52	453.74
MW-29	459.89	13.83	446.06
MW-BR-01	462.64	34.17	428.47
MW-BR-02	467.87	31.48	436.39
MW-BR-03	457.06	39.54	417.52
MW-BR-04	396.39	--	Artesian
MW-BR-05	401.34	19.60	381.74
MW-BR-06	436.30	35.50	400.80

Notes:

AMSL - Above mean sea level

Table 2
Groundwater Analytical Results (October 2012)
Former Philips Display Components Facility
Seneca Falls, New York

VOCs	CAS #	NYS Class GA Standard	MW-1	MW-20	MW-22	MW-23	MW-24	MW-25	MW-25 DUPLICATE	MW-26	MW-28	MW-29	MW-BR-01	MW-BR-02	MW-BR-04	MW-BR-05	MW-BR-06	TRIP BLANK
1,1,1-Trichloroethane	71-55-6	5	4.2 J	5.0 U	5.0 U	200 U	2000 U	1.8 J	2.0 J	25 U	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	79-34-5	5	5.0 U	5.0 U	5.0 U	200 U	2000 U	10 U	5.0 U	25 U	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	79-00-5	1	5.0 U	5.0 U	5.0 U	200 U	2000 U	10 U	5.0 U	25 U	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	75-34-3	5	6.3	5.0 U	5.0 U	200 U	2000 U	16	15	25 U	5.0 U	0.79 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	75-35-4	5	0.78 J	5.0 U	5.0 U	200 U	2000 U	2.0 J	2.0 J	25 U	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	107-06-2	0.6	5.0 U	5.0 U	5.0 U	200 U	2000 U	10 U	5.0 U	25 U	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	78-87-5	1	5.0 U	5.0 U	5.0 U	200 U	2000 U	10 U	5.0 U	25 U	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	591-78-6	50	10 U	10 U	10 U	400 U	4000 U	20 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	67-64-1	50	10 U	10 U	10 U	400 U	4000 U	20 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	71-43-2	1	5.0 U	5.0 U	5.0 U	200 U	2000 U	10 U	5.0 U	25 U	5.0 U	0.69 NJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	75-27-4	50	5.0 U	5.0 U	5.0 U	200 U	2000 U	10 U	5.0 U	25 U	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	75-25-2	50	5.0 UJ	5.0 UJ	5.0 UJ	200 UJ	2000 UJ	10 UJ	5.0 UJ	25 UJ	5.0 UJ	5 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Bromomethane	74-83-9	5	5.0 U	5.0 U	5.0 U	200 U	2000 U	10 U	5.0 U	25 U	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	75-15-0	60	5.0 U	5.0 U	5.0 U	200 UJ	2000 U	10 UJ	5.0 UJ	25 U	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon tetrachloride	56-23-5	5	5.0 U	5.0 U	5.0 U	200 U	2000 U	10 U	5.0 U	25 U	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	108-90-7	5	5.0 U	5.0 U	5.0 U	200 U	2000 U	10 U	5.0 U	25 U	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	75-00-3	5	5.0 U	5.0 U	5.0 U	200 U	2000 U	10 U	5.0 U	25 U	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform	67-66-3	7	5.0 U	5.0 U	5.0 U	200 U	2000 U	10 U	5.0 U	25 U	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane	74-87-3	5	5.0 U	5.0 U	5.0 U	200 U	2000 U	10 U	5.0 U	25 U	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	156-59-2	5	5.0 U	5.0 U	21	1900	26000	160	150	240	5.0 U	320	5.0 U	5.0 U	5.0 U	5.0 U	8.6	5.0 U
cis-1,3-Dichloropropene	10061-01-5	0.4	5.0 U	5.0 U	5.0 U	200 U	2000 U	10 U	5.0 U	25 U	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	124-48-1	50	5.0 U	5.0 U	5.0 U	200 U	2000 U	10 U	5.0 U	25 U	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dichlorodifluoromethane	75-71-8	5	5.0 U	5.0 U	5.0 U	200 U	2000 U	10 U	5.0 U	25 U	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	100-41-4	5	5.0 U	5.0 U	5.0 U	200 U	2000 U	10 U	5.0 U	25 U	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (MEK)	78-93-3	50	10 U	10 U	10 U	400 U	2000 U	20 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (MIBK)	108-10-1	5	10 U	10 U	10 U	400 U	2000 U	20 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride	75-09-2	5	5.0 U	5.0 U	5.0 U	200 U	2000 U	10 U	5.0 U	25 U	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	100-42-5	5	5.0 U	5.0 U	5.0 U	200 U	2000 U	10 U	5.0 U	25 U	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	127-18-4	5	5.0 U	5.0 U	5.0 U	200 U	2000 U	10 U	0.76 J	25 U	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	108-88-3	5	5.0 U	5.0 U	5.0 U	200 U	2000 U	10 U	5.0 U	25 U	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	156-60-5	5	5.0 U	5.0 U	5.0 U	200 U	2000 U	10 U	5.0 U	25 U	5.0 U	0.97 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	10061-02-6	0.4	5.0 U	5.0 U	5.0 U	200 U	2000 U	10 U	5.0 U	25 U	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	79-01-6	5	5.0 U	5.0 U	9.8	1800	2000 U	10	9.9	160	4.2 J	1.5 J	5.0 U	5.0 U	5.0 U	5.0 U	9.2	5.0 U
Trichlorofluoromethane	75-69-4	5	5.0 U	5.0 U	5.0 U	200 U	2000 U	10 U	5.0 U	25 U	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl acetate	108-05-4	5	5.0 U	5.0 U	5.0 U	200 U	2000 U	10 U	5.0 U	25 U	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl chloride	75-01-4	2	5.0 U	5.0 U	0.96 J	200 U	2800	10 U	5.0 U	25 U	5.0 U	30	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Xylenes, Total	1330-20-7	5	5.0 U	5.0 U	5.0 U	200 U	2000 U	10 U	5.0 U	25 U	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

NOTES:

Bolded results were detected or estimated.

Shaded results were greater than the NYSDEC Class GA Standards

All values are shown in units of micrograms per liter (ug/L).

U - Not detected. Reporting limit shown.

J - Estimated

NJ - Tentative in identification and estimated in value due to poor mass spectral quality

Data Validation Report

Data Validation Services

120 Cobble Creek Road P.O. Box 208
North Creek, NY 12853

Phone 518-251-4429
Facsimile 518-251-4428

December 7, 2012

Mark Flusche
ARCADIS Malcolm Pirnie, Inc.
855 Route 146 Suite 210
Clifton Park, NY 12065

RE: Validation of GTE-OSI--Seneca Falls, NY Site Data Package-Groundwaters
TAL-Buffalo SDG No. 480-27636-1

Dear Mr. Flusche:

Review has been completed for the data package generated by TestAmerica Laboratories that pertains to samples collected 11/01/12 at the GTE-OSI--Seneca Falls, NY site. Fourteen aqueous samples, a field duplicate, and a trip blank were analyzed for volatiles by USEPA SW846 method 8260B.

Data validation was performed with guidance from the USEPA Region II validation SOP HW-6, the USEPA National Functional Guidelines for Organic Data Review, and the specific requirements of the analytical methodologies. The data packages were reviewed for the following items:

- * Data Completeness
- * Case Narrative
- * Custody Documentation
- * Holding Times
- * Surrogate Standard Recoveries
- * Matrix Spike Evaluations
- * Blind Field Duplicate Correlations
- * Blank Contamination
- * Laboratory Control Samples (LCSs)
- * Calibration Standard Responses
- * Internal Standard Responses
- * Method Compliance
- * Sample Results Verification

Those items showing deficiencies are discussed in the following sections of this report. All others were found to be acceptable as outlined in the above-mentioned validation procedures, and as applicable for the methodology. Unless noted specifically in the following text, reported results of validated sample analytes are substantiated by the raw data, and generated in compliance with project requirements.

In summary, samples were generally processed in compliance with stated protocols. Field sample results are usable either as reported or with minor qualification,

Copies of the sample identifications and laboratory case narrative are attached to this text, and should be reviewed in conjunction with this report. Also included are laboratory results forms with recommended qualifications applied in red ink.

VOA Analyses by EPA 8260B

Results for analytes initially reported with the laboratory "E" flag have been derived from the dilution analyses of those samples.

The result for benzene in MW-29 is qualified as tentative in identification and estimated in value due to mass spectral interferences.

Matrix spikes (MSs) of MW-24 show recoveries and correlations for the eleven evaluated analytes that are within laboratory guidelines. LCS recoveries are within required ranges. The analytical protocol requires that all analytes be evaluated in MSs and LCSs.

The blind field duplicate correlations of MW-25 are acceptable.

Calibration standards show acceptable responses, with the exceptions of those for bromoform (23%D to 25%D) in all calibration standards, and that for carbon disulfide (21%D) in the calibration standard associated with DUPLICATE, MW-23, and MW-25. Results for bromoform in all samples, and carbon disulfide in the three above-mentioned samples, are qualified as estimated in value, and may have a low bias.

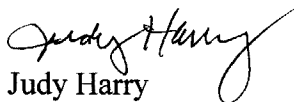
Surrogate and internal standard responses are within required range, and holding times were met. Blanks show no contamination.

Some of the samples were processed at initial dilution due to high concentrations of target analytes. Reporting limits for non-detected analytes in those samples are therefore proportionally elevated.

Dilution factors are present on the run logs and raw instrument data, but the actual sample volumes used to derive the dilution factors used in the calculations are not recorded, and the dilution factors therefore cannot be independently verified.

Please do not hesitate to contact me if questions or comments arise during your review of this report.

Very truly yours,


Judy Harry

VALIDATION DATA QUALIFIER DEFINITIONS

- U** The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
- J** The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
- UJ** The analyte was not detected. The associated reported quantitation limit is an estimate and may be inaccurate or imprecise.
- NJ** The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
- R** The data are unusable. The analyte may or may not be present.
- EMPC** The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample.

**CLIENT and LABORATORY SAMPLE IDs
and CASE NARRATIVE**

SAMPLE SUMMARY

Client: GTE Operations Support Incorporated

Job Number: 480-27636-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
480-27636-1	TB-110112	Water	11/01/2012 0000	11/02/2012 0745
480-27636-2	DUPLICATE	Water	11/01/2012 1000	11/02/2012 0745
480-27636-3	MW-1	Water	11/01/2012 1240	11/02/2012 0745
480-27636-4	MW-20	Water	11/01/2012 1215	11/02/2012 0745
480-27636-5	MW-22	Water	11/01/2012 1350	11/02/2012 0745
480-27636-6	MW-23	Water	11/01/2012 1330	11/02/2012 0745
480-27636-7	MW-24	Water	11/01/2012 1315	11/02/2012 0745
480-27636-7MS	MW-24	Water	11/01/2012 1315	11/02/2012 0745
480-27636-7MSD	MW-24	Water	11/01/2012 1315	11/02/2012 0745
480-27636-8	MW-25	Water	11/01/2012 1340	11/02/2012 0745
480-27636-9	MW-26	Water	11/01/2012 1300	11/02/2012 0745
480-27636-10	MW-28	Water	11/01/2012 1225	11/02/2012 0745
480-27636-11	MW-29	Water	11/01/2012 1250	11/02/2012 0745
480-27636-12	MW-BR-01	Water	11/01/2012 1135	11/02/2012 0745
480-27636-13	MW-BR-02	Water	11/01/2012 1150	11/02/2012 0745
480-27636-14	MW-BR-04	Water	11/01/2012 1635	11/02/2012 0745
480-27636-15	MW-BR-05	Water	11/01/2012 1650	11/02/2012 0745
480-27636-16	MW-BR-06	Water	11/01/2012 1315	11/02/2012 0745

Job Narrative
480-27636-1

Comments

No additional comments.

Receipt

The samples were received on 11/2/2012 7:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.7° C.

GC/MS VOA

Method(s) 8260B: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: MW-24 (480-27636-7), MW-24 (480-27636-7 MS), MW-24 (480-27636-7 MSD), MW-26 (480-27636-9). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-23 (480-27636-6), MW-25 (480-27636-8), MW-29 (480-27636-11). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: DUPLICATE (480-27636-2). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

Job Number: 480-27636-1

Job Description: Verizon - Seneca Falls

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

A handwritten signature in cursive script that reads "Candace L. Fox". The signature is written in black ink and is positioned above a horizontal line.

Approved for release.
Candace Fox
Project Manager II
11/8/2012 3:29 PM

Candace Fox

QUALIFIED SAMPLE RESULTS FORMS

Analytical Data

Client: GTE Operations Support Incorporated

Job Number: 480-27636-1

Client Sample ID: TB-110112

Lab Sample ID: 480-27636-1

Client Matrix: Water

Date Sampled: 11/01/2012 0000

Date Received: 11/02/2012 0745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-89014	Instrument ID:	HP5973S
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	S19807.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/05/2012 1517			Final Weight/Volume:	5 mL
Prep Date:	11/05/2012 1517				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	5.0
1,1,2,2-Tetrachloroethane	ND		0.21	5.0
1,1,2-Trichloroethane	ND		0.23	5.0
1,1-Dichloroethane	ND		0.38	5.0
1,1-Dichloroethene	ND		0.29	5.0
1,2-Dichloroethane	ND		0.21	5.0
1,2-Dichloropropane	ND		0.72	5.0
2-Hexanone	ND		1.2	10
Methyl ethyl ketone (MEK)	ND		1.3	10
Methyl isobutyl ketone (MIBK)	ND		2.1	10
Acetone	ND		3.0	10
Benzene	ND		0.41	5.0
Bromodichloromethane	ND		0.39	5.0
Bromoform	ND	UJ	0.26	5.0
Bromomethane	ND		0.69	5.0
Carbon disulfide	ND		0.19	5.0
Carbon tetrachloride	ND		0.27	5.0
Chlorobenzene	ND		0.75	5.0
Dibromochloromethane	ND		0.32	5.0
Chloroethane	ND		0.32	5.0
Chloroform	ND		0.34	5.0
Chloromethane	ND		0.35	5.0
cis-1,2-Dichloroethene	ND		0.81	5.0
cis-1,3-Dichloropropene	ND		0.36	5.0
Dichlorodifluoromethane	ND		0.68	5.0
Ethylbenzene	ND		0.74	5.0
Methylene Chloride	ND		0.44	5.0
Styrene	ND		0.73	5.0
Tetrachloroethene	ND		0.36	5.0
Toluene	ND		0.51	5.0
trans-1,2-Dichloroethene	ND		0.90	5.0
trans-1,3-Dichloropropene	ND		0.37	5.0
Trichloroethene	ND		0.46	5.0
Trichlorofluoromethane	ND		0.88	5.0
Vinyl chloride	ND		0.90	5.0
Xylenes, Total	ND		0.66	5.0
Vinyl acetate	ND		0.85	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		66 - 137
Toluene-d8 (Surr)	97		71 - 126
4-Bromofluorobenzene (Surr)	95		73 - 120

Analytical Data

Client: GTE Operations Support Incorporated

Job Number: 480-27636-1

Client Sample ID: DUPLICATE

Lab Sample ID: 480-27636-2

Date Sampled: 11/01/2012 1000

Client Matrix: Water

Date Received: 11/02/2012 0745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-89142	Instrument ID:	HP5973S
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	S19839.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2012 1443			Final Weight/Volume:	5 mL
Prep Date:	11/06/2012 1443				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	2.0	J	0.82	5.0
1,1,2,2-Tetrachloroethane	ND		0.21	5.0
1,1,2-Trichloroethane	ND		0.23	5.0
1,1-Dichloroethane	15		0.38	5.0
1,1-Dichloroethene	2.0	J	0.29	5.0
1,2-Dichloroethane	ND		0.21	5.0
1,2-Dichloropropane	ND		0.72	5.0
2-Hexanone	ND		1.2	10
Methyl ethyl ketone (MEK)	ND		1.3	10
Methyl isobutyl ketone (MIBK)	ND		2.1	10
Acetone	ND		3.0	10
Benzene	ND		0.41	5.0
Bromodichloromethane	ND		0.39	5.0
Bromoform	ND	UJ	0.26	5.0
Bromomethane	ND		0.69	5.0
Carbon disulfide	ND	UJ	0.19	5.0
Carbon tetrachloride	ND		0.27	5.0
Chlorobenzene	ND		0.75	5.0
Dibromochloromethane	ND		0.32	5.0
Chloroethane	ND		0.32	5.0
Chloroform	ND		0.34	5.0
Chloromethane	ND		0.35	5.0
cis-1,2-Dichloroethene	150	E	0.81	5.0
cis-1,3-Dichloropropene	ND		0.36	5.0
Dichlorodifluoromethane	ND		0.68	5.0
Ethylbenzene	ND		0.74	5.0
Methylene Chloride	ND		0.44	5.0
Styrene	ND		0.73	5.0
Tetrachloroethene	0.76	J	0.36	5.0
Toluene	ND		0.51	5.0
trans-1,2-Dichloroethene	ND		0.90	5.0
trans-1,3-Dichloropropene	ND		0.37	5.0
Trichloroethene	9.9		0.46	5.0
Trichlorofluoromethane	ND		0.88	5.0
Vinyl chloride	ND		0.90	5.0
Xylenes, Total	ND		0.66	5.0
Vinyl acetate	ND		0.85	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		66 - 137
Toluene-d8 (Surr)	99		71 - 126
4-Bromofluorobenzene (Surr)	95		73 - 120

Analytical Data

Client: GTE Operations Support Incorporated

Job Number: 480-27636-1

Client Sample ID: MW-1

Lab Sample ID: 480-27636-3

Date Sampled: 11/01/2012 1240

Client Matrix: Water

Date Received: 11/02/2012 0745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-89014	Instrument ID:	HP5973S
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	S19809.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/05/2012 1601			Final Weight/Volume:	5 mL
Prep Date:	11/05/2012 1601				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	4.2	J	0.82	5.0
1,1,2,2-Tetrachloroethane	ND		0.21	5.0
1,1,2-Trichloroethane	ND		0.23	5.0
1,1-Dichloroethane	6.3		0.38	5.0
1,1-Dichloroethene	0.78	J	0.29	5.0
1,2-Dichloroethane	ND		0.21	5.0
1,2-Dichloropropane	ND		0.72	5.0
2-Hexanone	ND		1.2	10
Methyl ethyl ketone (MEK)	ND		1.3	10
Methyl isobutyl ketone (MIBK)	ND		2.1	10
Acetone	ND		3.0	10
Benzene	ND		0.41	5.0
Bromodichloromethane	ND		0.39	5.0
Bromoform	ND	UJ	0.26	5.0
Bromomethane	ND		0.69	5.0
Carbon disulfide	ND		0.19	5.0
Carbon tetrachloride	ND		0.27	5.0
Chlorobenzene	ND		0.75	5.0
Dibromochloromethane	ND		0.32	5.0
Chloroethane	ND		0.32	5.0
Chloroform	ND		0.34	5.0
Chloromethane	ND		0.35	5.0
cis-1,2-Dichloroethene	ND		0.81	5.0
cis-1,3-Dichloropropene	ND		0.36	5.0
Dichlorodifluoromethane	ND		0.68	5.0
Ethylbenzene	ND		0.74	5.0
Methylene Chloride	ND		0.44	5.0
Styrene	ND		0.73	5.0
Tetrachloroethene	ND		0.36	5.0
Toluene	ND		0.51	5.0
trans-1,2-Dichloroethene	ND		0.90	5.0
trans-1,3-Dichloropropene	ND		0.37	5.0
Trichloroethene	ND		0.46	5.0
Trichlorofluoromethane	ND		0.88	5.0
Vinyl chloride	ND		0.90	5.0
Xylenes, Total	ND		0.66	5.0
Vinyl acetate	ND		0.85	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		66 - 137
Toluene-d8 (Surr)	100		71 - 126
4-Bromofluorobenzene (Surr)	97		73 - 120

Analytical Data

Client: GTE Operations Support Incorporated

Job Number: 480-27636-1

Client Sample ID: MW-20

Lab Sample ID: 480-27636-4

Date Sampled: 11/01/2012 1215

Client Matrix: Water

Date Received: 11/02/2012 0745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-89014	Instrument ID:	HP5973S
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	S19810.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/05/2012 1622			Final Weight/Volume:	5 mL
Prep Date:	11/05/2012 1622				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	5.0
1,1,2,2-Tetrachloroethane	ND		0.21	5.0
1,1,2-Trichloroethane	ND		0.23	5.0
1,1-Dichloroethane	ND		0.38	5.0
1,1-Dichloroethene	ND		0.29	5.0
1,2-Dichloroethane	ND		0.21	5.0
1,2-Dichloropropane	ND		0.72	5.0
2-Hexanone	ND		1.2	10
Methyl ethyl ketone (MEK)	ND		1.3	10
Methyl isobutyl ketone (MIBK)	ND		2.1	10
Acetone	ND		3.0	10
Benzene	ND		0.41	5.0
Bromodichloromethane	ND		0.39	5.0
Bromoform	ND	UJ	0.26	5.0
Bromomethane	ND		0.69	5.0
Carbon disulfide	ND		0.19	5.0
Carbon tetrachloride	ND		0.27	5.0
Chlorobenzene	ND		0.75	5.0
Dibromochloromethane	ND		0.32	5.0
Chloroethane	ND		0.32	5.0
Chloroform	ND		0.34	5.0
Chloromethane	ND		0.35	5.0
cis-1,2-Dichloroethene	ND		0.81	5.0
cis-1,3-Dichloropropene	ND		0.36	5.0
Dichlorodifluoromethane	ND		0.68	5.0
Ethylbenzene	ND		0.74	5.0
Methylene Chloride	ND		0.44	5.0
Styrene	ND		0.73	5.0
Tetrachloroethene	ND		0.36	5.0
Toluene	ND		0.51	5.0
trans-1,2-Dichloroethene	ND		0.90	5.0
trans-1,3-Dichloropropene	ND		0.37	5.0
Trichloroethene	ND		0.46	5.0
Trichlorofluoromethane	ND		0.88	5.0
Vinyl chloride	ND		0.90	5.0
Xylenes, Total	ND		0.66	5.0
Vinyl acetate	ND		0.85	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		66 - 137
Toluene-d8 (Surr)	98		71 - 126
4-Bromofluorobenzene (Surr)	95		73 - 120

Analytical Data

Client: GTE Operations Support Incorporated

Job Number: 480-27636-1

Client Sample ID: MW-22

Lab Sample ID: 480-27636-5

Date Sampled: 11/01/2012 1350

Client Matrix: Water

Date Received: 11/02/2012 0745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-89014	Instrument ID:	HP5973S
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	S19811.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/05/2012 1644			Final Weight/Volume:	5 mL
Prep Date:	11/05/2012 1644				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	5.0
1,1,2,2-Tetrachloroethane	ND		0.21	5.0
1,1,2-Trichloroethane	ND		0.23	5.0
1,1-Dichloroethane	ND		0.38	5.0
1,1-Dichloroethene	ND		0.29	5.0
1,2-Dichloroethane	ND		0.21	5.0
1,2-Dichloropropane	ND		0.72	5.0
2-Hexanone	ND		1.2	10
Methyl ethyl ketone (MEK)	ND		1.3	10
Methyl isobutyl ketone (MIBK)	ND		2.1	10
Acetone	ND		3.0	10
Benzene	ND		0.41	5.0
Bromodichloromethane	ND		0.39	5.0
Bromoform	ND	UJ	0.26	5.0
Bromomethane	ND		0.69	5.0
Carbon disulfide	ND		0.19	5.0
Carbon tetrachloride	ND		0.27	5.0
Chlorobenzene	ND		0.75	5.0
Dibromochloromethane	ND		0.32	5.0
Chloroethane	ND		0.32	5.0
Chloroform	ND		0.34	5.0
Chloromethane	ND		0.35	5.0
cis-1,2-Dichloroethene	21		0.81	5.0
cis-1,3-Dichloropropene	ND		0.36	5.0
Dichlorodifluoromethane	ND		0.68	5.0
Ethylbenzene	ND		0.74	5.0
Methylene Chloride	ND		0.44	5.0
Styrene	ND		0.73	5.0
Tetrachloroethene	ND		0.36	5.0
Toluene	ND		0.51	5.0
trans-1,2-Dichloroethene	ND		0.90	5.0
trans-1,3-Dichloropropene	ND		0.37	5.0
Trichloroethene	9.8		0.46	5.0
Trichlorofluoromethane	ND		0.88	5.0
Vinyl chloride	0.96	J	0.90	5.0
Xylenes, Total	ND		0.66	5.0
Vinyl acetate	ND		0.85	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		66 - 137
Toluene-d8 (Surr)	99		71 - 126
4-Bromofluorobenzene (Surr)	95		73 - 120

Analytical Data

Client: GTE Operations Support Incorporated

Job Number: 480-27636-1

Client Sample ID: MW-23

Lab Sample ID: 480-27636-6

Date Sampled: 11/01/2012 1330

Client Matrix: Water

Date Received: 11/02/2012 0745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-89142	Instrument ID:	HP5973S
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	S19840.D
Dilution:	40			Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2012 1505			Final Weight/Volume:	5 mL
Prep Date:	11/06/2012 1505				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		33	200
1,1,2,2-Tetrachloroethane	ND		8.4	200
1,1,2-Trichloroethane	ND		9.2	200
1,1-Dichloroethane	ND		15	200
1,1-Dichloroethene	ND		12	200
1,2-Dichloroethane	ND		8.4	200
1,2-Dichloropropane	ND		29	200
2-Hexanone	ND		50	400
Methyl ethyl ketone (MEK)	ND		53	400
Methyl isobutyl ketone (MIBK)	ND		84	400
Acetone	ND		120	400
Benzene	ND		16	200
Bromodichloromethane	ND		16	200
Bromoform	ND	UJ	10	200
Bromomethane	ND		28	200
Carbon disulfide	ND	UJ	7.6	200
Carbon tetrachloride	ND		11	200
Chlorobenzene	ND		30	200
Dibromochloromethane	ND		13	200
Chloroethane	ND		13	200
Chloroform	ND		14	200
Chloromethane	ND		14	200
cis-1,2-Dichloroethene	1900		32	200
cis-1,3-Dichloropropene	ND		14	200
Dichlorodifluoromethane	ND		27	200
Ethylbenzene	ND		30	200
Methylene Chloride	ND		18	200
Styrene	ND		29	200
Tetrachloroethene	ND		14	200
Toluene	ND		20	200
trans-1,2-Dichloroethene	ND		36	200
trans-1,3-Dichloropropene	ND		15	200
Trichloroethene	1800		18	200
Trichlorofluoromethane	ND		35	200
Vinyl chloride	ND		36	200
Xylenes, Total	ND		26	200
Vinyl acetate	ND		34	200

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		66 - 137
Toluene-d8 (Surr)	98		71 - 126
4-Bromofluorobenzene (Surr)	93		73 - 120

Analytical Data

Client: GTE Operations Support Incorporated

Job Number: 480-27636-1

Client Sample ID: MW-24

Lab Sample ID: 480-27636-7

Date Sampled: 11/01/2012 1315

Client Matrix: Water

Date Received: 11/02/2012 0745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-89014	Instrument ID:	HP5973S
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	S19813.D
Dilution:	400			Initial Weight/Volume:	5 mL
Analysis Date:	11/05/2012 1727			Final Weight/Volume:	5 mL
Prep Date:	11/05/2012 1727				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		330	2000
1,1,2,2-Tetrachloroethane	ND		84	2000
1,1,2-Trichloroethane	ND		92	2000
1,1-Dichloroethane	ND		150	2000
1,1-Dichloroethene	ND		120	2000
1,2-Dichloroethane	ND		84	2000
1,2-Dichloropropane	ND		290	2000
2-Hexanone	ND		500	4000
Methyl ethyl ketone (MEK)	ND		530	4000
Methyl isobutyl ketone (MIBK)	ND		840	4000
Acetone	ND		1200	4000
Benzene	ND		160	2000
Bromodichloromethane	ND		160	2000
Bromoform	ND	uJ	100	2000
Bromomethane	ND		280	2000
Carbon disulfide	ND		76	2000
Carbon tetrachloride	ND		110	2000
Chlorobenzene	ND		300	2000
Dibromochloromethane	ND		130	2000
Chloroethane	ND		130	2000
Chloroform	ND		140	2000
Chloromethane	ND		140	2000
cis-1,2-Dichloroethene	26000		320	2000
cis-1,3-Dichloropropene	ND		140	2000
Dichlorodifluoromethane	ND		270	2000
Ethylbenzene	ND		300	2000
Methylene Chloride	ND		180	2000
Styrene	ND		290	2000
Tetrachloroethene	ND		140	2000
Toluene	ND		200	2000
trans-1,2-Dichloroethene	ND		360	2000
trans-1,3-Dichloropropene	ND		150	2000
Trichloroethene	ND		180	2000
Trichlorofluoromethane	ND		350	2000
Vinyl chloride	2800		360	2000
Xylenes, Total	ND		260	2000
Vinyl acetate	ND		340	2000

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		66 - 137
Toluene-d8 (Surr)	98		71 - 126
4-Bromofluorobenzene (Surr)	95		73 - 120

Analytical Data

Client: GTE Operations Support Incorporated

Job Number: 480-27636-1

Client Sample ID: MW-25

Lab Sample ID: 480-27636-8

Date Sampled: 11/01/2012 1340

Client Matrix: Water

Date Received: 11/02/2012 0745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-89142	Instrument ID:	HP5973S
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	S19841.D
Dilution:	2.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/06/2012 1527			Final Weight/Volume:	5 mL
Prep Date:	11/06/2012 1527				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.8	J	1.6	10
1,1,2,2-Tetrachloroethane	ND		0.42	10
1,1,2-Trichloroethane	ND		0.46	10
1,1-Dichloroethane	16		0.76	10
1,1-Dichloroethene	2.0	J	0.58	10
1,2-Dichloroethane	ND		0.42	10
1,2-Dichloropropane	ND		1.4	10
2-Hexanone	ND		2.5	20
Methyl ethyl ketone (MEK)	ND		2.6	20
Methyl isobutyl ketone (MIBK)	ND		4.2	20
Acetone	ND		6.0	20
Benzene	ND		0.82	10
Bromodichloromethane	ND		0.78	10
Bromoform	ND	UJ	0.52	10
Bromomethane	ND		1.4	10
Carbon disulfide	ND	UJ	0.38	10
Carbon tetrachloride	ND		0.54	10
Chlorobenzene	ND		1.5	10
Dibromochloromethane	ND		0.64	10
Chloroethane	ND		0.64	10
Chloroform	ND		0.68	10
Chloromethane	ND		0.70	10
cis-1,2-Dichloroethene	160		1.6	10
cis-1,3-Dichloropropene	ND		0.72	10
Dichlorodifluoromethane	ND		1.4	10
Ethylbenzene	ND		1.5	10
Methylene Chloride	ND		0.88	10
Styrene	ND		1.5	10
Tetrachloroethene	ND		0.72	10
Toluene	ND		1.0	10
trans-1,2-Dichloroethene	ND		1.8	10
trans-1,3-Dichloropropene	ND		0.74	10
Trichloroethene	10		0.92	10
Trichlorofluoromethane	ND		1.8	10
Vinyl chloride	ND		1.8	10
Xylenes, Total	ND		1.3	10
Vinyl acetate	ND		1.7	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		66 - 137
Toluene-d8 (Surr)	97		71 - 126
4-Bromofluorobenzene (Surr)	93		73 - 120

Analytical Data

Client: GTE Operations Support Incorporated

Job Number: 480-27636-1

Client Sample ID: MW-26

Lab Sample ID: 480-27636-9

Client Matrix: Water

Date Sampled: 11/01/2012 1300

Date Received: 11/02/2012 0745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-89014	Instrument ID:	HP5973S
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	S19817.D
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/05/2012 1854			Final Weight/Volume:	5 mL
Prep Date:	11/05/2012 1854				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		4.1	25
1,1,2,2-Tetrachloroethane	ND		1.1	25
1,1,2-Trichloroethane	ND		1.2	25
1,1-Dichloroethane	ND		1.9	25
1,1-Dichloroethene	ND		1.5	25
1,2-Dichloroethane	ND		1.1	25
1,2-Dichloropropane	ND		3.6	25
2-Hexanone	ND		6.2	50
Methyl ethyl ketone (MEK)	ND		6.6	50
Methyl isobutyl ketone (MIBK)	ND		11	50
Acetone	ND		15	50
Benzene	ND		2.1	25
Bromodichloromethane	ND		2.0	25
Bromoform	ND		1.3	25
Bromomethane	ND		3.5	25
Carbon disulfide	ND		0.95	25
Carbon tetrachloride	ND		1.4	25
Chlorobenzene	ND		3.8	25
Dibromochloromethane	ND		1.6	25
Chloroethane	ND		1.6	25
Chloroform	ND		1.7	25
Chloromethane	ND		1.8	25
cis-1,2-Dichloroethene	240		4.1	25
cis-1,3-Dichloropropene	ND		1.8	25
Dichlorodifluoromethane	ND		3.4	25
Ethylbenzene	ND		3.7	25
Methylene Chloride	ND		2.2	25
Styrene	ND		3.7	25
Tetrachloroethene	ND		1.8	25
Toluene	ND		2.6	25
trans-1,2-Dichloroethene	ND		4.5	25
trans-1,3-Dichloropropene	ND		1.9	25
Trichloroethene	160		2.3	25
Trichlorofluoromethane	ND		4.4	25
Vinyl chloride	ND		4.5	25
Xylenes, Total	ND		3.3	25
Vinyl acetate	ND		4.3	25

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		66 - 137
Toluene-d8 (Surr)	97		71 - 126
4-Bromofluorobenzene (Surr)	93		73 - 120

Analytical Data

Client: GTE Operations Support Incorporated

Job Number: 480-27636-1

Client Sample ID: MW-28

Lab Sample ID: 480-27636-10

Date Sampled: 11/01/2012 1225

Client Matrix: Water

Date Received: 11/02/2012 0745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-89014	Instrument ID:	HP5973S
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	S19818.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/05/2012 1916			Final Weight/Volume:	5 mL
Prep Date:	11/05/2012 1916				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	5.0
1,1,2,2-Tetrachloroethane	ND		0.21	5.0
1,1,2-Trichloroethane	ND		0.23	5.0
1,1-Dichloroethane	ND		0.38	5.0
1,1-Dichloroethene	ND		0.29	5.0
1,2-Dichloroethane	ND		0.21	5.0
1,2-Dichloropropane	ND		0.72	5.0
2-Hexanone	ND		1.2	10
Methyl ethyl ketone (MEK)	ND		1.3	10
Methyl isobutyl ketone (MIBK)	ND		2.1	10
Acetone	ND		3.0	10
Benzene	ND		0.41	5.0
Bromodichloromethane	ND		0.39	5.0
Bromoform	ND	UJ	0.26	5.0
Bromomethane	ND		0.69	5.0
Carbon disulfide	ND		0.19	5.0
Carbon tetrachloride	ND		0.27	5.0
Chlorobenzene	ND		0.75	5.0
Dibromochloromethane	ND		0.32	5.0
Chloroethane	ND		0.32	5.0
Chloroform	ND		0.34	5.0
Chloromethane	ND		0.35	5.0
cis-1,2-Dichloroethene	ND		0.81	5.0
cis-1,3-Dichloropropene	ND		0.36	5.0
Dichlorodifluoromethane	ND		0.68	5.0
Ethylbenzene	ND		0.74	5.0
Methylene Chloride	ND		0.44	5.0
Styrene	ND		0.73	5.0
Tetrachloroethene	ND		0.36	5.0
Toluene	ND		0.51	5.0
trans-1,2-Dichloroethene	ND		0.90	5.0
trans-1,3-Dichloropropene	ND		0.37	5.0
Trichloroethene	4.2	J	0.46	5.0
Trichlorofluoromethane	ND		0.88	5.0
Vinyl chloride	ND		0.90	5.0
Xylenes, Total	ND		0.66	5.0
Vinyl acetate	ND		0.85	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		66 - 137
Toluene-d8 (Surr)	98		71 - 126
4-Bromofluorobenzene (Surr)	95		73 - 120

Analytical Data

Client: GTE Operations Support Incorporated

Job Number: 480-27636-1

Client Sample ID: MW-29

Lab Sample ID: 480-27636-11

Date Sampled: 11/01/2012 1250

Client Matrix: Water

Date Received: 11/02/2012 0745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-89014	Instrument ID:	HP5973S
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	S19819.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/05/2012 1938			Final Weight/Volume:	5 mL
Prep Date:	11/05/2012 1938				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	5.0
1,1,2,2-Tetrachloroethane	ND		0.21	5.0
1,1,2-Trichloroethane	ND		0.23	5.0
1,1-Dichloroethane	0.79	J	0.38	5.0
1,1-Dichloroethene	ND		0.29	5.0
1,2-Dichloroethane	ND		0.21	5.0
1,2-Dichloropropane	ND		0.72	5.0
2-Hexanone	ND		1.2	10
Methyl ethyl ketone (MEK)	ND		1.3	10
Methyl isobutyl ketone (MIBK)	ND		2.1	10
Acetone	ND		3.0	10
Benzene	0.69	J NJ	0.41	5.0
Bromodichloromethane	ND	UJ	0.39	5.0
Bromoform	ND		0.26	5.0
Bromomethane	ND		0.69	5.0
Carbon disulfide	ND		0.19	5.0
Carbon tetrachloride	ND		0.27	5.0
Chlorobenzene	ND		0.75	5.0
Dibromochloromethane	ND		0.32	5.0
Chloroethane	ND		0.32	5.0
Chloroform	ND		0.34	5.0
Chloromethane	ND		0.35	5.0
cis-1,2-Dichloroethene	320 300	E	0.81	5.0
cis-1,3-Dichloropropene	ND		0.36	5.0
Dichlorodifluoromethane	ND		0.68	5.0
Ethylbenzene	ND		0.74	5.0
Methylene Chloride	ND		0.44	5.0
Styrene	ND		0.73	5.0
Tetrachloroethene	ND		0.36	5.0
Toluene	ND		0.51	5.0
trans-1,2-Dichloroethene	0.97	J	0.90	5.0
trans-1,3-Dichloropropene	ND		0.37	5.0
Trichloroethene	1.5	J	0.46	5.0
Trichlorofluoromethane	ND		0.88	5.0
Vinyl chloride	30		0.90	5.0
Xylenes, Total	ND		0.66	5.0
Vinyl acetate	ND		0.85	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		66 - 137
Toluene-d8 (Surr)	98		71 - 126
4-Bromofluorobenzene (Surr)	95		73 - 120

Analytical Data

Client: GTE Operations Support Incorporated

Job Number: 480-27636-1

Client Sample ID: MW-BR-01

Lab Sample ID: 480-27636-12

Date Sampled: 11/01/2012 1135

Client Matrix: Water

Date Received: 11/02/2012 0745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-89014	Instrument ID:	HP5973S
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	S19820.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/05/2012 1959			Final Weight/Volume:	5 mL
Prep Date:	11/05/2012 1959				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	5.0
1,1,2,2-Tetrachloroethane	ND		0.21	5.0
1,1,2-Trichloroethane	ND		0.23	5.0
1,1-Dichloroethane	ND		0.38	5.0
1,1-Dichloroethene	ND		0.29	5.0
1,2-Dichloroethane	ND		0.21	5.0
1,2-Dichloropropane	ND		0.72	5.0
2-Hexanone	ND		1.2	10
Methyl ethyl ketone (MEK)	ND		1.3	10
Methyl isobutyl ketone (MIBK)	ND		2.1	10
Acetone	ND		3.0	10
Benzene	ND		0.41	5.0
Bromodichloromethane	ND		0.39	5.0
Bromoform	ND	UJ	0.26	5.0
Bromomethane	ND		0.69	5.0
Carbon disulfide	ND		0.19	5.0
Carbon tetrachloride	ND		0.27	5.0
Chlorobenzene	ND		0.75	5.0
Dibromochloromethane	ND		0.32	5.0
Chloroethane	ND		0.32	5.0
Chloroform	ND		0.34	5.0
Chloromethane	ND		0.35	5.0
cis-1,2-Dichloroethene	ND		0.81	5.0
cis-1,3-Dichloropropene	ND		0.36	5.0
Dichlorodifluoromethane	ND		0.68	5.0
Ethylbenzene	ND		0.74	5.0
Methylene Chloride	ND		0.44	5.0
Styrene	ND		0.73	5.0
Tetrachloroethene	ND		0.36	5.0
Toluene	ND		0.51	5.0
trans-1,2-Dichloroethene	ND		0.90	5.0
trans-1,3-Dichloropropene	ND		0.37	5.0
Trichloroethene	ND		0.46	5.0
Trichlorofluoromethane	ND		0.88	5.0
Vinyl chloride	ND		0.90	5.0
Xylenes, Total	ND		0.66	5.0
Vinyl acetate	ND		0.85	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		66 - 137
Toluene-d8 (Surr)	98		71 - 126
4-Bromofluorobenzene (Surr)	94		73 - 120

Analytical Data

Client: GTE Operations Support Incorporated

Job Number: 480-27636-1

Client Sample ID: MW-BR-02

Lab Sample ID: 480-27636-13

Date Sampled: 11/01/2012 1150

Client Matrix: Water

Date Received: 11/02/2012 0745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-89014	Instrument ID:	HP5973S
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	S19821.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/05/2012 2021			Final Weight/Volume:	5 mL
Prep Date:	11/05/2012 2021				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	5.0
1,1,2,2-Tetrachloroethane	ND		0.21	5.0
1,1,2-Trichloroethane	ND		0.23	5.0
1,1-Dichloroethane	ND		0.38	5.0
1,1-Dichloroethene	ND		0.29	5.0
1,2-Dichloroethane	ND		0.21	5.0
1,2-Dichloropropane	ND		0.72	5.0
2-Hexanone	ND		1.2	10
Methyl ethyl ketone (MEK)	ND		1.3	10
Methyl isobutyl ketone (MIBK)	ND		2.1	10
Acetone	ND		3.0	10
Benzene	ND		0.41	5.0
Bromodichloromethane	ND		0.39	5.0
Bromoform	ND	US	0.26	5.0
Bromomethane	ND		0.69	5.0
Carbon disulfide	ND		0.19	5.0
Carbon tetrachloride	ND		0.27	5.0
Chlorobenzene	ND		0.75	5.0
Dibromochloromethane	ND		0.32	5.0
Chloroethane	ND		0.32	5.0
Chloroform	ND		0.34	5.0
Chloromethane	ND		0.35	5.0
cis-1,2-Dichloroethene	ND		0.81	5.0
cis-1,3-Dichloropropene	ND		0.36	5.0
Dichlorodifluoromethane	ND		0.68	5.0
Ethylbenzene	ND		0.74	5.0
Methylene Chloride	ND		0.44	5.0
Styrene	ND		0.73	5.0
Tetrachloroethene	ND		0.36	5.0
Toluene	ND		0.51	5.0
trans-1,2-Dichloroethene	ND		0.90	5.0
trans-1,3-Dichloropropene	ND		0.37	5.0
Trichloroethene	ND		0.46	5.0
Trichlorofluoromethane	ND		0.88	5.0
Vinyl chloride	ND		0.90	5.0
Xylenes, Total	ND		0.66	5.0
Vinyl acetate	ND		0.85	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		66 - 137
Toluene-d8 (Surr)	97		71 - 126
4-Bromofluorobenzene (Surr)	95		73 - 120

Analytical Data

Client: GTE Operations Support Incorporated

Job Number: 480-27636-1

Client Sample ID: MW-BR-04

Lab Sample ID: 480-27636-14

Date Sampled: 11/01/2012 1635

Client Matrix: Water

Date Received: 11/02/2012 0745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-89014	Instrument ID:	HP5973S
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	S19822.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/05/2012 2042			Final Weight/Volume:	5 mL
Prep Date:	11/05/2012 2042				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	5.0
1,1,2,2-Tetrachloroethane	ND		0.21	5.0
1,1,2-Trichloroethane	ND		0.23	5.0
1,1-Dichloroethane	ND		0.38	5.0
1,1-Dichloroethene	ND		0.29	5.0
1,2-Dichloroethane	ND		0.21	5.0
1,2-Dichloropropane	ND		0.72	5.0
2-Hexanone	ND		1.2	10
Methyl ethyl ketone (MEK)	ND		1.3	10
Methyl isobutyl ketone (MIBK)	ND		2.1	10
Acetone	ND		3.0	10
Benzene	ND		0.41	5.0
Bromodichloromethane	ND		0.39	5.0
Bromoform	ND	UJ	0.26	5.0
Bromomethane	ND		0.69	5.0
Carbon disulfide	ND		0.19	5.0
Carbon tetrachloride	ND		0.27	5.0
Chlorobenzene	ND		0.75	5.0
Dibromochloromethane	ND		0.32	5.0
Chloroethane	ND		0.32	5.0
Chloroform	ND		0.34	5.0
Chloromethane	ND		0.35	5.0
cis-1,2-Dichloroethene	ND		0.81	5.0
cis-1,3-Dichloropropene	ND		0.36	5.0
Dichlorodifluoromethane	ND		0.68	5.0
Ethylbenzene	ND		0.74	5.0
Methylene Chloride	ND		0.44	5.0
Styrene	ND		0.73	5.0
Tetrachloroethene	ND		0.36	5.0
Toluene	ND		0.51	5.0
trans-1,2-Dichloroethene	ND		0.90	5.0
trans-1,3-Dichloropropene	ND		0.37	5.0
Trichloroethene	ND		0.46	5.0
Trichlorofluoromethane	ND		0.88	5.0
Vinyl chloride	ND		0.90	5.0
Xylenes, Total	ND		0.66	5.0
Vinyl acetate	ND		0.85	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		66 - 137
Toluene-d8 (Surr)	95		71 - 126
4-Bromofluorobenzene (Surr)	93		73 - 120

Analytical Data

Client: GTE Operations Support Incorporated

Job Number: 480-27636-1

Client Sample ID: MW-BR-05

Lab Sample ID: 480-27636-15

Client Matrix: Water

Date Sampled: 11/01/2012 1650

Date Received: 11/02/2012 0745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-89014	Instrument ID:	HP5973S
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	S19823.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/05/2012 2104			Final Weight/Volume:	5 mL
Prep Date:	11/05/2012 2104				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	5.0
1,1,2,2-Tetrachloroethane	ND		0.21	5.0
1,1,2-Trichloroethane	ND		0.23	5.0
1,1-Dichloroethane	ND		0.38	5.0
1,1-Dichloroethene	ND		0.29	5.0
1,2-Dichloroethane	ND		0.21	5.0
1,2-Dichloropropane	ND		0.72	5.0
2-Hexanone	ND		1.2	10
Methyl ethyl ketone (MEK)	ND		1.3	10
Methyl isobutyl ketone (MIBK)	ND		2.1	10
Acetone	ND		3.0	10
Benzene	ND		0.41	5.0
Bromodichloromethane	ND		0.39	5.0
Bromoform	ND	45	0.26	5.0
Bromomethane	ND		0.69	5.0
Carbon disulfide	ND		0.19	5.0
Carbon tetrachloride	ND		0.27	5.0
Chlorobenzene	ND		0.75	5.0
Dibromochloromethane	ND		0.32	5.0
Chloroethane	ND		0.32	5.0
Chloroform	ND		0.34	5.0
Chloromethane	ND		0.35	5.0
cis-1,2-Dichloroethene	ND		0.81	5.0
cis-1,3-Dichloropropene	ND		0.36	5.0
Dichlorodifluoromethane	ND		0.68	5.0
Ethylbenzene	ND		0.74	5.0
Methylene Chloride	ND		0.44	5.0
Styrene	ND		0.73	5.0
Tetrachloroethene	ND		0.36	5.0
Toluene	ND		0.51	5.0
trans-1,2-Dichloroethene	ND		0.90	5.0
trans-1,3-Dichloropropene	ND		0.37	5.0
Trichloroethene	ND		0.46	5.0
Trichlorofluoromethane	ND		0.88	5.0
Vinyl chloride	ND		0.90	5.0
Xylenes, Total	ND		0.66	5.0
Vinyl acetate	ND		0.85	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		66 - 137
Toluene-d8 (Surr)	97		71 - 126
4-Bromofluorobenzene (Surr)	93		73 - 120

Analytical Data

Client: GTE Operations Support Incorporated

Job Number: 480-27636-1

Client Sample ID: MW-BR-06

Lab Sample ID: 480-27636-16

Client Matrix: Water

Date Sampled: 11/01/2012 1315

Date Received: 11/02/2012 0745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-89014	Instrument ID:	HP5973S
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	S19824.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/05/2012 2126			Final Weight/Volume:	5 mL
Prep Date:	11/05/2012 2126				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	5.0
1,1,2,2-Tetrachloroethane	ND		0.21	5.0
1,1,2-Trichloroethane	ND		0.23	5.0
1,1-Dichloroethane	ND		0.38	5.0
1,1-Dichloroethene	ND		0.29	5.0
1,2-Dichloroethane	ND		0.21	5.0
1,2-Dichloropropane	ND		0.72	5.0
2-Hexanone	ND		1.2	10
Methyl ethyl ketone (MEK)	ND		1.3	10
Methyl isobutyl ketone (MIBK)	ND		2.1	10
Acetone	ND		3.0	10
Benzene	ND		0.41	5.0
Bromodichloromethane	ND		0.39	5.0
Bromoform	ND	UJ	0.26	5.0
Bromomethane	ND		0.69	5.0
Carbon disulfide	ND		0.19	5.0
Carbon tetrachloride	ND		0.27	5.0
Chlorobenzene	ND		0.75	5.0
Dibromochloromethane	ND		0.32	5.0
Chloroethane	ND		0.32	5.0
Chloroform	ND		0.34	5.0
Chloromethane	ND		0.35	5.0
cis-1,2-Dichloroethene	8.6		0.81	5.0
cis-1,3-Dichloropropene	ND		0.36	5.0
Dichlorodifluoromethane	ND		0.68	5.0
Ethylbenzene	ND		0.74	5.0
Methylene Chloride	ND		0.44	5.0
Styrene	ND		0.73	5.0
Tetrachloroethene	ND		0.36	5.0
Toluene	ND		0.51	5.0
trans-1,2-Dichloroethene	ND		0.90	5.0
trans-1,3-Dichloropropene	ND		0.37	5.0
Trichloroethene	9.2		0.46	5.0
Trichlorofluoromethane	ND		0.88	5.0
Vinyl chloride	ND		0.90	5.0
Xylenes, Total	ND		0.66	5.0
Vinyl acetate	ND		0.85	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		66 - 137
Toluene-d8 (Surr)	97		71 - 126
4-Bromofluorobenzene (Surr)	94		73 - 120