CB&I Environmental & Infrastructure, Inc.
(A CB&I Company)
150 Royall Street
Canton, MA 02021
Tel: +1 617 589 5111
Fax: +1 617 589 5495
www.CBI.com

June 6, 2014 Project 130274

Mr. Joseph T. Martella, II
Rhode Island Department of Environmental Management
Office of Waste Management
235 Promenade Street
Providence, RI 02908-5767

Re: Status Report: April and May 2014 Activities
Former Gorham Manufacturing Facility
333 Adelaide Avenue, Providence, RI

Site Remediation Case No. 97-030

Dear Mr. Martella:

CB&I Environmental & Infrastructure, Inc. (CB&I), has prepared this status report on behalf of Textron, Inc. (Textron). This status report is associated with the remediation of tetrachloroethene (PCE) contaminated groundwater at the former Gorham Manufacturing Facility at 333 Adelaide Avenue, Providence, Rhode Island (**Figure 1**).

PCE is the primary contaminant of concern for groundwater in this area. As discussed in the Remedial Action Work Plan (RAWP) and subsequent revisions, the PCE source area in the vicinity of the former building W is the area of concern with a site-specific remedial goal of 7,700 micrograms per liter (ug/L). This area was treated using in-situ applications of sodium permanganate. **Figure 2** shows the most recent treatment area.

This status report describes groundwater monitoring activities conducted at the site by CB&I. This report includes results of groundwater sampling and analysis conducted in April and May of 2014.

FIELD ACTIVITIES

Limited VOC Sampling Activities April 2014

Limited groundwater sampling was conducted on April 4, 2014. Monitoring wells MW-112, MW-116D, and MW-116S were sampled on these dates for volatile organic compound (VOC) analysis.

Groundwater Sampling

Groundwater samples were collected for analysis for VOC analysis (EPA Method 8260C) from the three monitoring wells (MW-112, MW-116D, and MW-116S) on April 4, 2014. Groundwater samples were delivered to Con-Test Analytical Laboratory in East Longmeadow, Massachusetts for analysis.

Groundwater Sampling Activities May 2014

The monitoring wells that comprise the current semi-annual groundwater monitoring activities program were monitored for field parameters and sampled for analysis on May 1 and 2, 2014.

Monitoring Activities

Field parameters were measured in treatment area wells and compliance wells on May 1 and 2, 2014. Field measurements included oxidation/reduction potential (ORP), dissolved oxygen (DO), pH, temperature, and specific conductance (SC). Groundwater elevation and light non-aqueous phase liquid (LNAPL) thickness measurements were also collected. Elevation and field parameter results are presented in **Tables 1** and **2**.

Groundwater Sampling

On May 1 and 2, 2014 groundwater samples were collected for analysis for VOCs (EPA Method 8260C) from 21 monitoring wells within and around the treatment area, including the compliance wells. Duplicate samples were collected from MW-101S (MW-101S DUP) for VOC analysis. One sample was collected for total petroleum hydrocarbon (TPH) analysis (modified EPA Method 8015 C) from monitoring well CW-6. One duplicate sample was collected from CW-6 (CW-6 DUP) for TPH analysis. Samples were also collected for lead analysis (EPA Method 6010C) from monitoring wells MW-109D and GZA-3. One duplicate sample was collected from GZA-3 (GZA-3 DUP) for lead analysis. Groundwater samples were delivered to Con-Test Analytical Laboratory in East Longmeadow, Massachusetts for analysis.

SUMMARY OF ANALYTICAL DATA

A summary of the analytical data associated with the groundwater sampling conducted in April 4, 2014 and May 1 and 2, 2014 is contained in **Table 3**. A copy of each laboratory analytical report is also attached to this report. The measured PCE concentrations were below the treatment goal of 7,700 ug/L in all wells except for well MW-201D, which had a PCE concentration of 9,800 ug/L on May 1, 2014. Note that the PCE concentrations in well MW-112 ranged from 2,200 ug/L on April 4, 2014 to 5,600 ug/L on May 1, 2014.

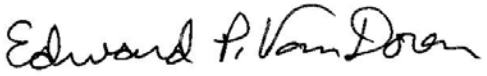
A summary of the compliance well results is contained in **Table 4**. The results for the compliance well sampling indicate that exceedances occurred for the Adelaide Avenue wells MW-112 and MW-209D for PCE. (Note: due to sample dilution by the laboratory, the reporting limits for 1,1-dichloroethene for wells MW-112 and MW-209D were above the compound compliance standard. The reporting limits for vinyl chloride in wells MW-112 and MW-209D were above the compound compliance standard.)

FUTURE ACTIVITIES

The next limited sampling events are scheduled for June and July 2014. The next semi-annual sampling event is scheduled for August 2014.

If you have any questions regarding this report, please contact Ed Van Doren at (617) 589-4030.

Sincerely,



Edward P. VanDoren
Project Manager
CB&I Environmental & Infrastructure, Inc.

Attachments:

Tables
Table 1 – Groundwater Elevations
Table 2 – Summary Field Parameters
Table 3 – VOCs in Groundwater
Table 4 – Compliance Wells Analytical Results

Figures
Figure 1 – Site Plan
Figure 2 – Injection Well Locations

Attachment A - Laboratory Analytical Reports

cc: Craig Roy, RIDEM OWR
Greg Simpson, Textron
Jamieson Schiff, Textron
Dave Heislein, AMEC
Robert Azar, Providence Redevelopment Agency
Jeff Morgan, Stop & Shop
Ronald Ruth, Sherin and Lodgen

CERTIFICATIONS

The following certifications are provided pursuant to Rule 9.19 of the Remediation Regulations:

I, Edward P. Van Doren, as an authorized representative of CB&I Environmental & Infrastructure, Inc., and the person responsible for the preparation of this Status Report dated June 6, 2014, certify that the information contained in this report is complete and accurate to the best of my knowledge.

Edward P. Van Doren
Project Manager

6/17/2014
Date:

We, Textron, Inc., as the party responsible for submittal of this Status Report, certify that this report is a complete and accurate representation of the contaminated site and the release, and contains all known facts surrounding the release, to the best of our knowledge.

Certification on behalf of Textron Inc.

Gregory L. Simpson
Project Manager

June 12, 2014
Date:

TABLES

Table 1
Summary Field Parameters
May 2014

Former Gorham Manufacturing Facility
Providence, Rhode Island

Well ID	DATE	pH	Temperature (deg. C°)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)
MW-101D	5/1/2014	5.99	15.39	0.112	0.86	111.5
MW-101S	5/1/2014	6.72	14.02	0.623	4.89	-31.7
MW-112	5/1/2014	5.65	13.85	1.581	4.06	223.6
MW-116D	5/2/2014	5.54	14.56	0.373	3.80	114.9
MW-116S	5/2/2014	5.80	14.19	0.376	4.36	87.9
MW-201D	5/1/2014	6.71	15.33	1.051	4.94	197.2
MW-202D	5/1/2014	6.25	15.66	0.689	2.01	145.1
MW-202S	5/1/2014	6.09	16.72	0.447	2.13	123.6
MW-207D	5/1/2014	7.06	15.87	0.614	6.57	82.1
MW-207S	5/1/2014	6.81	16.10	0.618	7.26	63.6
MW-209D	5/1/2014	6.47	14.75	0.639	1.16	41.2
MW-216D	5/1/2014	6.48	15.32	0.621	0.20	-93.1
MW-216S	5/1/2014	6.62	15.48	0.903	1.07	-125.4
MW-217D	5/1/2014	6.76	15.39	0.730	0.78	-74.0
MW-217S	5/1/2014	6.55	14.64	1.351	0.29	43.0
MW-218D	5/1/2014	6.33	15.14	0.164	4.18	161.3
MW-218S	5/1/2014	5.42	14.86	0.967	1.01	185.4

Notes:

C° = degrees Celsius

mS/cm = millisiemens per centimeter

mg/L = milligrams per liter

mV = milli volts

TABLE 2
GROUNDWATER ELEVATION DATA *05/23/14*
(03/06/14 - 05/02/14)

Textron Gorham
Providence, Rhode Island

Location	Date	Reference Elevation (Feet)	Depth to Water (Feet)	Depth to LNAPL (Feet)	LNAPL Thickness (Feet)	Groundwater Elevation (Feet)	Notes
CW-01	05/02/14	99.52	24.71	--	--	74.81	DTB = 54.92'
CW-02	05/02/14	98.86	23.90	--	--	74.96	DTB = 54.41'
CW-06	05/02/14	99.52	24.28	--	--	75.24	DTB = 33.28'
GZA-3	03/06/14	NA	17.60	--	--	NA	DTB = 21.84'
GZA-3	05/02/14	NA	16.72	--	--	NA	DTB = 21.86'
MW-101D	05/01/14	98.91	22.96	--	--	75.95	DTB = 46.11'
MW-101S	05/01/14	98.90	22.71	--	--	76.19	DTB = 28.62'
MW-109D	03/06/14	NA	19.23	--	--	NA	DTB = 74.65'
MW-109D	05/02/14	NA	18.40	--	--	NA	DTB = 75.25'
MW-112	03/06/14	100.63	26.63	--	--	74.00	DTB = 34.58'
MW-112	04/04/14	100.63	26.31	--	--	74.32	DTB = 34.06'
MW-112	05/01/14	100.63	25.75	--	--	74.88	DTB = 34.43'
MW-116D	03/06/14	98.92	24.61	--	--	74.31	DTB = 44.20'
MW-116D	04/04/14	98.92	24.60	--	--	74.32	DTB = 44.23'
MW-116D	05/01/14	98.92	24.02	--	--	74.90	DTB = 44.22'
MW-116S	03/06/14	99.40	25.39	--	--	74.01	DTB = 28.59'
MW-116S	04/04/14	99.40	25.07	--	--	74.33	DTB = 28.60'
MW-116S	05/01/14	99.40	24.45	--	--	74.95	DTB = 28.61'
MW-201D	05/01/14	98.80	23.94	--	--	74.86	DTB = 47.33'
MW-202D	05/01/14	98.17	23.05	--	--	75.12	DTB = 48.00'
MW-202S	05/01/14	98.06	23.01	--	--	75.05	DTB = 38.25'
MW-207D	05/01/14	98.18	22.85	--	--	75.33	DTB = 51.58'
MW-207S	05/01/14	98.28	22.95	--	--	75.33	DTB = 38.31'
MW-209D	05/01/14	99.90	25.52	--	--	74.38	DTB = 62.20'
MW-216D	05/01/14	98.69	24.71	--	--	73.98	DTB = 39.41'
MW-216S	05/01/14	99.58	24.73	--	--	74.85	DTB = 29.63'
MW-217D	05/01/14	98.65	24.20	--	--	74.45	DTB = 46.83'
MW-217S	05/01/14	98.71	24.24	--	--	74.47	DTB = 29.50'
MW-218D	05/01/14	99.67	24.81	--	--	74.86	DTB = 46.69'
MW-218S	05/01/14	99.61	24.80	--	--	74.81	DTB = 29.43'
MW-220S	05/02/14	99.41	24.92	--	--	74.49	DTB = 31.80'
MW-221S	05/02/14	98.92	26.14	--	<0.01	72.78	

Notes:
feet = feet measured below ground surface NA = Not Available NM = Not Measured

TABLE 3
Groundwater Analytical Results
Detected Compounds
April - May 2014

Former Gorham Manufacturing Facility
Providence, Rhode Island

CONSTITUENT	CW-01 5/2/2014 Primary	CW-02 5/2/2014 Primary	CW-06 5/2/2014 Primary	CW-06 5/2/2014 Duplicate	GZA-3 5/2/2014 Primary	GZA-3 5/2/2014 Duplicate	MW-101D 5/1/2014 Primary	MW-101S 5/1/2014 Primary	MW-101S 5/1/2014 Duplicate	MW-109D 5/2/2014 Primary	MW-112 4/4/2014 Primary
(VOC (ug/L)											
1,1-Dichloroethane	<50D	<1.0	---	---	1.2	---	<1.0	<1.0	<1.0	<1.0	<20D
1,2,4-Trimethylbenzene	<50D	<1.0	---	---	<1.0	---	<1.0	<1.0	<1.0	<1.0	<20JD
1,3,5-Trimethylbenzene	<50D	<1.0	---	---	<1.0	---	<1.0	<1.0	<1.0	<1.0	<20D
cis-1,2-Dichloroethene	160D	<1.0	---	---	76	---	<1.0J	<1.0	<1.0	<1.0	<20D
Methyltert-butylether	<50D	<1.0	---	---	2.3	---	<1.0	<1.0	<1.0	<1.0	<20D
Naphthalene	<100D	<2.0	---	---	<2.0	---	<5.0	<5.0	<5.0	<2.0	<40JD
Tetrachloroethene	<50JD	<1.0	---	---	<1.0	---	10	10	10	<1.0	2200D
Trichloroethene	2300D	<1.0J	---	---	1.8	---	<1.0J	<1.0	<1.0	<1.0J	<20JD
Vinyl chloride	<100D	<2.0	---	---	15	---	<2.0	<2.0	<2.0	<2.0	<40D
o-Xylene	<50D	<1.0	---	---	<1.0	---	<1.0	<1.0	<1.0	<1.0	<20D
TPH (mg/L)											
TPH	---	---	7	6	---	---	---	---	---	---	---
Lead (mg/L)											
Lead (Dissolved)	---	---	---	---	<0.01	<0.01	---	---	---	<0.01	---

Notes: < = Less than the laboratory reporting limit
ug/L = Micrograms per liter, parts per billion
mg/L = Milligrams per liter, parts per million
TPH = Total Petroleum Hydrocarbons

TABLE 3
Groundwater Analytical Results
Detected Compounds
April - May 2014

Former Gorham Manufacturing Facility
Providence, Rhode Island

CONSTITUENT	MW-112 5/1/2014 Primary	MW-116D 4/4/2014 Primary	MW-116D 5/2/2014 Primary	MW-116S 4/4/2014 Primary	MW-116S 5/2/2014 Primary	MW-201D 5/1/2014 Primary	MW-202D 5/1/2014 Primary	MW-202S 5/1/2014 Primary	MW-207D 5/1/2014 Primary	MW-207S 5/1/2014 Primary	MW-209D 5/1/2014 Primary
(VOC (ug/L)											
1,1-Dichloroethane	<25D	<1.0	<1.0	<1.0	<1.0	<200D	<1.0	<1.0	<1.0	<1.0	<10D
1,2,4-Trimethylbenzene	<25D	<1.0	<1.0	<1.0	<1.0	<200D	<1.0	<1.0	<1.0	<1.0	<10D
1,3,5-Trimethylbenzene	<25D	<1.0	<1.0	<1.0	<1.0	<200D	<1.0	<1.0	<1.0	<1.0	<10D
cis-1,2-Dichloroethene	<25D	<1.0	<1.0	<1.0	<1.0	<200D	<1.0	<1.0J	<1.0	<1.0	310D
Methyltert-butylether	<25D	<1.0	<1.0	<1.0	<1.0	<200D	<1.0	<1.0	<1.0	<1.0	<10D
Naphthalene	<120D	<2.0	<2.0	<2.0	<2.0	<1000D	<5.0	<5.0	<5.0	<5.0	<50D
Tetrachloroethene	5600D	<1.0	<1.0	<1.0	<1.0	9800D	67	29	<1.0	2.2	340D
Trichloroethene	<25JD	1.4	<1.0J	<1.0	<1.0	<200JD	<1.0J	<1.0J	<1.0	<1.0	140D
Vinyl chloride	<50D	<2.0	<2.0	<2.0	<2.0	<400D	<2.0	<2.0	<2.0	<2.0	<20D
o-Xylene	<25D	<1.0	<1.0	<1.0	<1.0	<200D	<1.0	<1.0	<1.0	<1.0	<10D
TPH (mg/L)											
TPH	---	---	---	---	---	---	---	---	---	---	---
Lead (mg/L)											
Lead (Dissolved)	---	---	---	---	---	---	---	---	---	---	---

Notes:

< = Less than the laboratory reporting limit
ug/L = Micrograms per liter, parts per billion
mg/L = Milligrams per liter, parts per million
TPH = Total Petroleum Hydrocarbons

TABLE 3
Groundwater Analytical Results
Detected Compounds
April - May 2014

Former Gorham Manufacturing Facility
Providence, Rhode Island

CONSTITUENT	MW-216D 5/1/2014 Primary	MW-216S 5/1/2014 Primary	MW-217D 5/1/2014 Primary	MW-217S 5/1/2014 Primary	MW-218D 5/1/2014 Primary	MW-218S 5/1/2014 Primary
(VOC (ug/L)						
1,1-Dichloroethane	<1.0	<5.0D	<1.0	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene	<1.0	9.6D	<1.0	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene	<1.0	6.2D	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	<1.0J	31D	<1.0J	<1.0J	<1.0J	<1.0J
Methyltert-butylether	<1.0J	<5.0D	<1.0	<1.0	<1.0	<1.0
Naphthalene	<5.0	43D	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	<1.0J	<5.0JD	<1.0	8.2	16	6
Trichloroethene	1.2	<5.0D	<1.0J	<1.0J	1.5	<1.0J
Vinyl chloride	<2.0	<10D	<2.0	<2.0	<2.0	<2.0
o-Xylene	<1.0	7.6D	<1.0	<1.0	<1.0	<1.0
TPH (mg/L)						
TPH	---	---	---	---	---	---
Lead (mg/L)						
Lead (Dissolved)	---	---	---	---	---	---

Notes: -- = Not analyzed for
D = Result reported from a diluted sample
J = Result is an estimated value
Lead was not detected during this reporting period.

TABLE 4
Groundwater Analytical Results
April - May 2014

Former Gorham Manufacturing Facility
Providence, Rhode Island

Mashapaug Pond Compliance Wells				
Sample ID	**GZA-3**	**GZA-3**	**MW-109D**	**Compliance**
Date Collected	**5/2/2014**	**5/2/2014**	**5/2/2014**	**Standard[1]**
CONSTITUENT		**Duplicate**		
Metals (mg/L)				
Lead	<0.01	<0.01	<0.01	0.03
VOCs (ug/L)				
1,1-Dichloroethane	1.2	---	<1.0	50000
1,1-Dichloroethene	<1.0J	---	<1.0	50000
cis-1,2-Dichloroethene	76	---	<1.0	50000
Methyl tert-butyl ether	2.3	---	<1.0	50000
Tetrachloroethene	<1.0	---	<1.0	5000
Trichloroethene	1.8	---	<1.0J	20000
Vinyl chloride	15	---	<2.0	1200

TPH Remediation Area Well			
Sample ID	**CW-6**	**CW-6**	**Compliance**
Date Collected	**5/2/2014**	**5/2/2014**	**Standard[1]**
CONSTITUENT		**Duplicate**	
TPH (mg/L)			
TPH	7.0	6.0	20

Sewer Interceptor Area Wells			
Sample ID	**CW-1**	**CW-2**	**Compliance**
Date Collected	**5/2/2014**	**5/2/2014**	**Standard[2]**
CONSTITUENT			
VOCs (ug/L)			
1,1-Dichloroethane	<50D	<1.0	120,000
1,1-Dichloroethene	<50JD	<1.0	23,000
cis-1,2-Dichloroethene	160D	<1.0	69,000
trans-1,2-Dichloroethene	<50JD	<1.0	79,000
Tetrachloroethene	<50JD	<1.0	NS
Trichloroethene	2300D	<1.0J	87,000

Adelaide Avenue Wells						
Sample ID	**MW-112**	**MW-112**	**MW-209D**	**MW-218D**	**MW-218S**	**Compliance**
Date Collected	**4/4/2014**	**5/1/2014**	**5/1/2014**	**5/1/2014**	**5/1/2014**	**Standard[3]**
CONSTITUENT	**Primary**	**Primary**	**Primary**	**Primary**	**Primary**	
VOCs (ug/L)						
1,1-Dichloroethane	<20D	<25D	<10D	<1.0	<1.0	2400
1,1-Dichloroethene	<20D	<25D	<10D	<1.0	<1.0	7
cis-1,2-Dichloroethene	<20D	<25D	310D	<1.0J	<1.0J	1900
Methyl tert-butyl ether	<20D	<25D	<10D	<1.0	<1.0	5000
Tetrachloroethene	2200D	5600D	340D	16	6	150
Trichloroethene	<20JD	<25JD	140D	1.5	<1.0J	540
Vinyl chloride	<40D	<50D	<20D	<2.0	<2.0	2

1. These site specific compliance standards were taken from the approved RAWP dated April 1, 2001 and/or the RIDEM Remediation Regulations.
   Note: The standard for Methyl tert-butyl ether is the Massachusetts Department of Environmental Protection (MassDEP) Method 1 GW-3 standard (310 CMR 40.0974 (2), 12/14/07. The use of the MassDEP Method 1 GW-3 standard is consistent with the approach used in the April 1, 2001 RAWP.
2. These compliance standards taken from Table 5 - Upper Concentration Limits for GB Groundwater, RIDEM Remediation Regulations.
3. These compliance standards taken from Table 4 - GB Groundwater Objectives of the RIDEM Remediation Regulations or in the case of vinyl chloride the compliance standard was taken from Table 3 of the Remediation Regulations and for chloroform the compliance standard was calculated from the algorithm in Appendix F of the Remediation Regulations (calculations attached as Appendix C of Status Report dated September 18, 2007.

NS = Indicates that no applicable standard exists. Compound does not have a lower explosive limit (LEL).
NA = Indicates that the analysis was not performed.
< = Less than the laboratory reporting limit
ug/L = Micrograms per liter, parts per billion
mg/L = Milligrams per liter, parts per million
TPH = Total Petroleum Hydrocarbons
VOCs = Volatile organic compounds
-- = Not analyzed for
D = Result reported from a diluted sample

FIGURES

LEGEND

MW-101S MONITORING WELL

N

GZA-6
GZA-3
MW-109D
GZA-5
CW-6
MW-220S
MW-221S
CW-2
CW-1
MW-217S
MW-217D
MW-206S
MW-206D
MW-204D
MW-204S
MW-207S
MW-207D
MW-202S
MW-214
MW-202D
MW-215
MW-208D
MW-208S
04IN02
MW-201S
MW-213
SB-2
MW-211
MW-101S
MW-201D
MW-210
MW-219B
MW-219A
MW-101D
04IS05
SB-1
MW-212
MW-203S
MW-203D
MW-205
04IS04
MW-218S
MW-218D
04IS03
04IS02
MW-209
MW-112
(CW-3)
MW-116D
MW-116S
MW-216D
MW-216S

STOP & SHOP SUPERMARKET

PROPOSED FUELING FACILITY

FUTURE DEVELOPMENT

80' COMBINED SEWER LINE

PROPERTY LINE ALONG CHAIN LINK FENCE

AMTRAK RIGHT OF WAY - 66' WIDE

NAIL FOUND

NAIL FOUND

DOWNING

30.00'

0 80 160

SCALE IN FEET

1" 1/2" 0" 1"

File: N:\dwg\Gorham\cntgf-02.dwg Layout: SP User: James.ODonnell Apr 02, 2013 - 11:05am

SHAW ENVIRONMENTAL, INC. (A CB&I COMPANY)

DATE 4/2/13
DWN J.O'D.
APP
REV
PROJECT NO. 101960

FIGURE 1
TEXTRON PROVIDENCE
333 ADELAIDE AVENUE
PROVIDENCE, RHODE ISLAND
SITE PLAN

LEGEND

MW-101S — MONITORING WELL

SB-2 — SOIL BORING

04IS01 — INJECTION WELL

MW-204D
MW-204S
MW-207D
MW-207S
MW-206S
MW-206D
MW-201S
MW-201D
MW-208D
MW-208S
MW-202S
04IN04
04IN03
04IN02
04IN01
SB-2
MW-101S
MW-101D
04IS05
SB-1
MW-203S
MW-203D
MW-205
04IS04
04IS03
04IS02
MW-209D
04IS01
MW-112
(CW-3)
MW-116D
MW-116S
NAIL FOUND
NAIL FOUND
PROPOSED FUELING FACILITY
CC CC
24' (TYP.)
18'
9'
30.00'
DOWNING
TREATMENT AREA
N

0 40 80
SCALE IN FEET

SHAW ENVIRONMENTAL, INC. (A CB&I COMPANY)

DATE 4/2/13
DWN J.O'D.
APP E.P.V.
REV
PROJECT NO. 101960

FIGURE 2
TEXTRON PROVIDENCE
333 ADELAIDE AVENUE
PROVIDENCE, RHODE ISLAND
INJECTION WELL LOCATIONS

1" 1/2" 0" 1"

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ATTACHMENT A

LABORATORY REPORTS

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

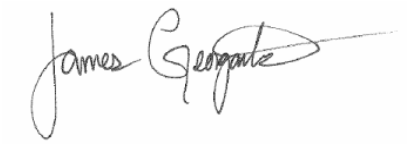
May 16, 2014

Edward Van Doren
CB&I Env. & Infrastructure - MA
150 Royall Street
Canton, MA 02021

Project Location: Textron/Providence, RI
Client Job Number:
Project Number: 130274
Laboratory Work Order Number: 14E0128

Enclosed are results of analyses for samples received by the laboratory on May 5, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



James M. Georgantas
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CB&I Env. & Infrastructure - MA
150 Royall Street
Canton, MA 02021
ATTN: Edward Van Doren

REPORT DATE: 5/16/2014

PURCHASE ORDER NUMBER: 835493-000 OP

PROJECT NUMBER: 130274

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14E0128

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Textron/Providence, RI

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
CW-1	14E0128-01	Ground Water		SW-846 8260C	
CW-2	14E0128-02	Ground Water		SW-846 8260C	
CW-6	14E0128-03	Ground Water		SW-846 8015C	
CW-6 DUP	14E0128-04	Ground Water		SW-846 8015C	
MW-109	14E0128-05	Ground Water		SW-846 6010C	
				SW-846 8260C	
GZA-3	14E0128-06	Ground Water		SW-846 6010C	
				SW-846 8260C	
GZA-3 DUP	14E0128-07	Ground Water		SW-846 6010C	
MW-116S	14E0128-08	Ground Water		SW-846 8260C	
MW-116D	14E0128-09	Ground Water		SW-846 8260C	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

REVISED REPORT 05/15/14 - Original report incorrectly identified sample CW-6 as transformer oil. Upon further review, sample should have been reported under TPH with a Z-01 qualifier note stating "sample matches the range for #2 fuel oil, but does not match the pattern". Revised report includes the corrected data.

SW-846 8015C

Qualifications:

Sample contamination matches the range for #2 fuel oil, but it does not match the pattern. Chromatogram also shows presence of non-petroleum hydrocarbon peaks in C32-C36 of the hydrocarbon range.

Analyte & Samples(s) Qualified:

TPH (C9-C36)

14E0128-03[CW-6], 14E0128-04[CW-6 DUP]

SW-846 8260C

Qualifications:

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

14E0128-01[CW-1]

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene, Acetone, Naphthalene

14E0128-01[CW-1], 14E0128-02[CW-2], 14E0128-05[MW-109], 14E0128-06[GZA-3], 14E0128-08[MW-116S], 14E0128-09[MW-116D], B095420-BLK1, B095420-BS1, B095420-BSD1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:

1,4-Dioxane, tert-Butyl Alcohol (TBA), Tetrahydrofuran

14E0128-01[CW-1], 14E0128-02[CW-2], 14E0128-05[MW-109], 14E0128-06[GZA-3], 14E0128-08[MW-116S], 14E0128-09[MW-116D], B095420-BLK1, B095420-BS1, B095420-BSD1

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Daren J. Damboragian
Laboratory Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0128

Date Received: 5/5/2014

Field Sample #: CW-1 | Sampled: 5/2/2014 07:00

Sample ID: 14E0128-01

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	2500	µg/L	50	V-05	SW-846 8260C	5/9/14	5/9/14 20:52	EEH
Acrylonitrile	ND	250	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
tert-Amyl Methyl Ether (TAME)	ND	25	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
Benzene	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
Bromobenzene	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
Bromochloromethane	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
Bromodichloromethane	ND	25	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
Bromoform	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
Bromomethane	ND	100	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
2-Butanone (MEK)	ND	1000	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
tert-Butyl Alcohol (TBA)	ND	1000	µg/L	50	V-16	SW-846 8260C	5/9/14	5/9/14 20:52	EEH
n-Butylbenzene	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
sec-Butylbenzene	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
tert-Butylbenzene	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	25	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
Carbon Disulfide	ND	200	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
Carbon Tetrachloride	ND	250	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
Chlorobenzene	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
Chlorodibromomethane	ND	25	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
Chloroethane	ND	100	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
Chloroform	ND	100	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
Chloromethane	ND	250	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
2-Chlorotoluene	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
4-Chlorotoluene	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	250	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
1,2-Dibromoethane (EDB)	ND	25	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
Dibromomethane	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
1,2-Dichlorobenzene	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
1,3-Dichlorobenzene	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
1,4-Dichlorobenzene	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
trans-1,4-Dichloro-2-butene	ND	100	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
Dichlorodifluoromethane (Freon 12)	ND	100	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
1,1-Dichloroethane	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
1,2-Dichloroethane	ND	250	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
1,1-Dichloroethylene	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
cis-1,2-Dichloroethylene	160	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
trans-1,2-Dichloroethylene	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
1,2-Dichloropropane	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
1,3-Dichloropropane	ND	25	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
2,2-Dichloropropane	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
1,1-Dichloropropene	ND	100	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
cis-1,3-Dichloropropene	ND	25	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
trans-1,3-Dichloropropene	ND	25	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
Diethyl Ether	ND	100	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0128

Date Received: 5/5/2014

Field Sample #: CW-1 | Sampled: 5/2/2014 07:00

Sample ID: 14E0128-01

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	25	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
1,4-Dioxane	ND	2500	µg/L	50	V-16	SW-846 8260C	5/9/14	5/9/14 20:52	EEH
Ethylbenzene	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
Hexachlorobutadiene	ND	25	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
2-Hexanone (MBK)	ND	500	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
Isopropylbenzene (Cumene)	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
p-Isopropyltoluene (p-Cymene)	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
Methyl tert-Butyl Ether (MTBE)	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
Methylene Chloride	ND	250	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
4-Methyl-2-pentanone (MIBK)	ND	500	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
Naphthalene	ND	100	µg/L	50	V-05	SW-846 8260C	5/9/14	5/9/14 20:52	EEH
n-Propylbenzene	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
Styrene	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
1,1,1,2-Tetrachloroethane	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
1,1,2,2-Tetrachloroethane	ND	25	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
Tetrachloroethylene	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
Tetrahydrofuran	ND	500	µg/L	50	V-16	SW-846 8260C	5/9/14	5/9/14 20:52	EEH
Toluene	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
1,2,3-Trichlorobenzene	ND	250	µg/L	50	V-05	SW-846 8260C	5/9/14	5/9/14 20:52	EEH
1,2,4-Trichlorobenzene	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
1,3,5-Trichlorobenzene	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
1,1,1-Trichloroethane	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
1,1,2-Trichloroethane	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
Trichloroethylene	2300	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
Trichlorofluoromethane (Freon 11)	ND	100	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
1,2,3-Trichloropropane	ND	100	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
1,2,4-Trimethylbenzene	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
1,3,5-Trimethylbenzene	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
Vinyl Chloride	ND	100	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
m+p Xylene	ND	100	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH
o-Xylene	ND	50	µg/L	50		SW-846 8260C	5/9/14	5/9/14 20:52	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	88.4	70-130		5/9/14 20:52
Toluene-d8	100	70-130		5/9/14 20:52
4-Bromofluorobenzene	96.3	70-130		5/9/14 20:52

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0128

Date Received: 5/5/2014

Field Sample #: CW-2 | Sampled: 5/2/2014 07:40

Sample ID: 14E0128-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1	V-05	SW-846 8260C	5/9/14	5/9/14 19:04	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	5/9/14	5/9/14 19:04	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
Chloromethane	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
1,2-Dichloroethane	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0128

Date Received: 5/5/2014

Field Sample #: CW-2 | Sampled: 5/2/2014 07:40

Sample ID: 14E0128-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	5/9/14	5/9/14 19:04	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	5/9/14	5/9/14 19:04	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
Tetrahydrofuran	ND	10	µg/L	1	V-16	SW-846 8260C	5/9/14	5/9/14 19:04	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	5/9/14	5/9/14 19:04	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:04	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	88.5	70-130		5/9/14 19:04
Toluene-d8	99.8	70-130		5/9/14 19:04
4-Bromofluorobenzene	96.1	70-130		5/9/14 19:04

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0128

Date Received: 5/5/2014

Field Sample #: CW-6 | Sampled: 5/2/2014 09:00

Sample ID: 14E0128-03

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
TPH (C9-C36)	7.0	0.20	mg/L	1	Z-01	SW-846 8015C	5/7/14	5/9/14 11:00	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual				
o-Terphenyl	75.5	40-140					5/9/14 11:00

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0128

Date Received: 5/5/2014

Field Sample #: CW-6 DUP | Sampled: 5/2/2014 09:00

Sample ID: 14E0128-04

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
TPH (C9-C36)	6.0	0.20	mg/L	1	Z-01	SW-846 8015C	5/7/14	5/9/14 11:18	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual				
o-Terphenyl	78.6	40-140				5/9/14 11:18	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0128

Date Received: 5/5/2014

Field Sample #: MW-109 | Sampled: 5/2/2014 10:30

Sample ID: 14E0128-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1	V-05	SW-846 8260C	5/9/14	5/9/14 23:33	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	5/9/14	5/9/14 23:33	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
Chloromethane	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
1,2-Dichloroethane	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0128

Date Received: 5/5/2014

Field Sample #: MW-109 | Sampled: 5/2/2014 10:30

Sample ID: 14E0128-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	5/9/14	5/9/14 23:33	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	5/9/14	5/9/14 23:33	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
Tetrahydrofuran	ND	10	µg/L	1	V-16	SW-846 8260C	5/9/14	5/9/14 23:33	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	5/9/14	5/9/14 23:33	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:33	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	94.7	70-130		5/9/14 23:33
Toluene-d8	99.8	70-130		5/9/14 23:33
4-Bromofluorobenzene	97.3	70-130		5/9/14 23:33

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0128

Date Received: 5/5/2014

Field Sample #: MW-109 | Sampled: 5/2/2014 10:30

Sample ID: 14E0128-05

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	ND	0.010	mg/L	1		SW-846 6010C	5/5/14	5/6/14 16:42	OP

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Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0128

Date Received: 5/5/2014

Field Sample #: GZA-3 | Sampled: 5/2/2014 11:45

Sample ID: 14E0128-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1	V-05	SW-846 8260C	5/9/14	5/9/14 19:31	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	5/9/14	5/9/14 19:31	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
Chloromethane	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
1,1-Dichloroethane	1.2	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
1,2-Dichloroethane	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
cis-1,2-Dichloroethylene	76	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0128

Date Received: 5/5/2014

Field Sample #: GZA-3 | Sampled: 5/2/2014 11:45

Sample ID: 14E0128-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	5/9/14	5/9/14 19:31	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
Methyl tert-Butyl Ether (MTBE)	2.3	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	5/9/14	5/9/14 19:31	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
Tetrahydrofuran	ND	10	µg/L	1	V-16	SW-846 8260C	5/9/14	5/9/14 19:31	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	5/9/14	5/9/14 19:31	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
Trichloroethylene	1.8	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
Vinyl Chloride	15	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:31	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	95.6	70-130		5/9/14 19:31
Toluene-d8	103	70-130		5/9/14 19:31
4-Bromofluorobenzene	98.2	70-130		5/9/14 19:31

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0128

Date Received: 5/5/2014

Field Sample #: GZA-3 | Sampled: 5/2/2014 11:45

Sample ID: 14E0128-06

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	ND	0.010	mg/L	1		SW-846 6010C	5/5/14	5/6/14 16:48	OP

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0128

Date Received: 5/5/2014

Field Sample #: GZA-3 DUP | Sampled: 5/2/2014 11:45

Sample ID: 14E0128-07

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	ND	0.010	mg/L	1		SW-846 6010C	5/5/14	5/6/14 16:52	OP

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0128

Date Received: 5/5/2014

Field Sample #: MW-116S | Sampled: 5/2/2014 12:40

Sample ID: 14E0128-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1	V-05	SW-846 8260C	5/9/14	5/9/14 19:58	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	5/9/14	5/9/14 19:58	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
Chloromethane	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
1,2-Dichloroethane	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0128

Date Received: 5/5/2014

Field Sample #: MW-116S | Sampled: 5/2/2014 12:40

Sample ID: 14E0128-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	5/9/14	5/9/14 19:58	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	5/9/14	5/9/14 19:58	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
Tetrahydrofuran	ND	10	µg/L	1	V-16	SW-846 8260C	5/9/14	5/9/14 19:58	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	5/9/14	5/9/14 19:58	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 19:58	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	90.0	70-130		5/9/14 19:58
Toluene-d8	99.4	70-130		5/9/14 19:58
4-Bromofluorobenzene	97.0	70-130		5/9/14 19:58

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0128

Date Received: 5/5/2014

Field Sample #: MW-116D | Sampled: 5/2/2014 13:35

Sample ID: 14E0128-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1	V-05	SW-846 8260C	5/9/14	5/9/14 20:25	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	5/9/14	5/9/14 20:25	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
Chloromethane	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
1,2-Dichloroethane	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0128

Date Received: 5/5/2014

Field Sample #: MW-116D | Sampled: 5/2/2014 13:35

Sample ID: 14E0128-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	5/9/14	5/9/14 20:25	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	5/9/14	5/9/14 20:25	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
Tetrahydrofuran	ND	10	µg/L	1	V-16	SW-846 8260C	5/9/14	5/9/14 20:25	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	5/9/14	5/9/14 20:25	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 20:25	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	92.8	70-130		5/9/14 20:25
Toluene-d8	99.9	70-130		5/9/14 20:25
4-Bromofluorobenzene	96.2	70-130		5/9/14 20:25

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Sample Extraction Data

Prep Method: SW-846 3005A Dissolved-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
14E0128-05 [MW-109]	B095086	50.0	50.0	05/05/14
14E0128-06 [GZA-3]	B095086	50.0	50.0	05/05/14
14E0128-07 [GZA-3 DUP]	B095086	50.0	50.0	05/05/14

Prep Method: SW-846 3510C-SW-846 8015C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
14E0128-03 [CW-6]	B095276	1000	1.00	05/07/14
14E0128-04 [CW-6 DUP]	B095276	1000	1.00	05/07/14

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
14E0128-01 [CW-1]	B095420	0.1	5.00	05/09/14
14E0128-02 [CW-2]	B095420	5	5.00	05/09/14
14E0128-05 [MW-109]	B095420	5	5.00	05/09/14
14E0128-06 [GZA-3]	B095420	5	5.00	05/09/14
14E0128-08 [MW-116S]	B095420	5	5.00	05/09/14
14E0128-09 [MW-116D]	B095420	5	5.00	05/09/14

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B095420 - SW-846 5030B										
Blank (B095420-BLK1)				Prepared & Analyzed: 05/09/14						
Acetone	ND	50	µg/L							V-05
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							V-16
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	4.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	5.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	5.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B095420 - SW-846 5030B											
Blank (B095420-BLK1)				Prepared & Analyzed: 05/09/14							
Methylene Chloride	ND	5.0	µg/L								
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L								
Naphthalene	ND	2.0	µg/L							V-05	
n-Propylbenzene	ND	1.0	µg/L								
Styrene	ND	1.0	µg/L								
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L								
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L								
Tetrachloroethylene	ND	1.0	µg/L								
Tetrahydrofuran	ND	10	µg/L							V-16	
Toluene	ND	1.0	µg/L								
1,2,3-Trichlorobenzene	ND	5.0	µg/L							V-05	
1,2,4-Trichlorobenzene	ND	1.0	µg/L								
1,3,5-Trichlorobenzene	ND	1.0	µg/L								
1,1,1-Trichloroethane	ND	1.0	µg/L								
1,1,2-Trichloroethane	ND	1.0	µg/L								
Trichloroethylene	ND	1.0	µg/L								
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	2.0	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L								
1,2,4-Trimethylbenzene	ND	1.0	µg/L								
1,3,5-Trimethylbenzene	ND	1.0	µg/L								
Vinyl Chloride	ND	2.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*21.6*		µg/L	25.0		86.3	70-130				
Surrogate: Toluene-d8	*24.8*		µg/L	25.0		99.3	70-130				
Surrogate: 4-Bromofluorobenzene	*24.1*		µg/L	25.0		96.4	70-130				
LCS (B095420-BS1)				Prepared & Analyzed: 05/09/14							
Acetone	78.4	50	µg/L	100		78.4	70-160			V-05	†
Acrylonitrile	8.60	5.0	µg/L	10.0		86.0	70-130				
tert-Amyl Methyl Ether (TAME)	9.51	0.50	µg/L	10.0		95.1	70-130				
Benzene	10.6	1.0	µg/L	10.0		106	70-130				
Bromobenzene	9.93	1.0	µg/L	10.0		99.3	70-130				
Bromochloromethane	11.9	1.0	µg/L	10.0		119	70-130				
Bromodichloromethane	9.83	0.50	µg/L	10.0		98.3	70-130				
Bromoform	11.3	1.0	µg/L	10.0		113	70-130				
Bromomethane	6.06	2.0	µg/L	10.0		60.6	40-160				†
2-Butanone (MEK)	89.1	20	µg/L	100		89.1	40-160				†
tert-Butyl Alcohol (TBA)	74.7	20	µg/L	100		74.7	40-160			V-16	†
n-Butylbenzene	10.4	1.0	µg/L	10.0		104	70-130				
sec-Butylbenzene	9.72	1.0	µg/L	10.0		97.2	70-130				
tert-Butylbenzene	9.80	1.0	µg/L	10.0		98.0	70-130				
tert-Butyl Ethyl Ether (TBEE)	10.4	0.50	µg/L	10.0		104	70-130				
Carbon Disulfide	10.9	4.0	µg/L	10.0		109	70-130				
Carbon Tetrachloride	10.3	5.0	µg/L	10.0		103	70-130				
Chlorobenzene	9.79	1.0	µg/L	10.0		97.9	70-130				
Chlorodibromomethane	9.19	0.50	µg/L	10.0		91.9	70-130				
Chloroethane	9.95	2.0	µg/L	10.0		99.5	70-130				
Chloroform	10.2	2.0	µg/L	10.0		102	70-130				
Chloromethane	8.14	5.0	µg/L	10.0		81.4	40-160				†
2-Chlorotoluene	9.05	1.0	µg/L	10.0		90.5	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B095420 - SW-846 5030B											
LCS (B095420-BS1)				Prepared & Analyzed: 05/09/14							
4-Chlorotoluene	9.95	1.0	µg/L	10.0		99.5	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	8.24	5.0	µg/L	10.0		82.4	70-130				
1,2-Dibromoethane (EDB)	9.64	0.50	µg/L	10.0		96.4	70-130				
Dibromomethane	10.2	1.0	µg/L	10.0		102	70-130				
1,2-Dichlorobenzene	9.58	1.0	µg/L	10.0		95.8	70-130				
1,3-Dichlorobenzene	9.68	1.0	µg/L	10.0		96.8	70-130				
1,4-Dichlorobenzene	9.94	1.0	µg/L	10.0		99.4	70-130				
trans-1,4-Dichloro-2-butene	9.58	2.0	µg/L	10.0		95.8	70-130				
Dichlorodifluoromethane (Freon 12)	8.50	2.0	µg/L	10.0		85.0	40-160				†
1,1-Dichloroethane	11.9	1.0	µg/L	10.0		119	70-130				
1,2-Dichloroethane	9.92	5.0	µg/L	10.0		99.2	70-130				
1,1-Dichloroethylene	9.57	1.0	µg/L	10.0		95.7	70-130				
cis-1,2-Dichloroethylene	10.5	1.0	µg/L	10.0		105	70-130				
trans-1,2-Dichloroethylene	11.1	1.0	µg/L	10.0		111	70-130				
1,2-Dichloropropane	10.6	1.0	µg/L	10.0		106	70-130				
1,3-Dichloropropane	10.3	0.50	µg/L	10.0		103	70-130				
2,2-Dichloropropane	10.9	1.0	µg/L	10.0		109	40-130				†
1,1-Dichloropropene	10.8	2.0	µg/L	10.0		108	70-130				
cis-1,3-Dichloropropene	9.86	0.50	µg/L	10.0		98.6	70-130				
trans-1,3-Dichloropropene	10.5	0.50	µg/L	10.0		105	70-130				
Diethyl Ether	9.47	2.0	µg/L	10.0		94.7	70-130				
Diisopropyl Ether (DIPE)	10.1	0.50	µg/L	10.0		101	70-130				
1,4-Dioxane	121	50	µg/L	100		121	40-130			V-16	†
Ethylbenzene	10.3	1.0	µg/L	10.0		103	70-130				
Hexachlorobutadiene	11.0	0.50	µg/L	10.0		110	70-130				
2-Hexanone (MBK)	96.3	10	µg/L	100		96.3	70-160				†
Isopropylbenzene (Cumene)	9.63	1.0	µg/L	10.0		96.3	70-130				
p-Isopropyltoluene (p-Cymene)	10.4	1.0	µg/L	10.0		104	70-130				
Methyl tert-Butyl Ether (MTBE)	10.0	1.0	µg/L	10.0		100	70-130				
Methylene Chloride	9.58	5.0	µg/L	10.0		95.8	70-130				
4-Methyl-2-pentanone (MIBK)	96.0	10	µg/L	100		96.0	70-160				†
Naphthalene	8.44	2.0	µg/L	10.0		84.4	40-130			V-05	†
n-Propylbenzene	10.2	1.0	µg/L	10.0		102	70-130				
Styrene	10.3	1.0	µg/L	10.0		103	70-130				
1,1,1,2-Tetrachloroethane	9.46	1.0	µg/L	10.0		94.6	70-130				
1,1,2,2-Tetrachloroethane	9.70	0.50	µg/L	10.0		97.0	70-130				
Tetrachloroethylene	10.6	1.0	µg/L	10.0		106	70-130				
Tetrahydrofuran	11.0	10	µg/L	10.0		110	70-130			V-16	
Toluene	10.3	1.0	µg/L	10.0		103	70-130				
1,2,3-Trichlorobenzene	8.46	5.0	µg/L	10.0		84.6	70-130			V-05	
1,2,4-Trichlorobenzene	9.41	1.0	µg/L	10.0		94.1	70-130				
1,3,5-Trichlorobenzene	9.75	1.0	µg/L	10.0		97.5	70-130				
1,1,1-Trichloroethane	10.3	1.0	µg/L	10.0		103	70-130				
1,1,2-Trichloroethane	9.75	1.0	µg/L	10.0		97.5	70-130				
Trichloroethylene	10.2	1.0	µg/L	10.0		102	70-130				
Trichlorofluoromethane (Freon 11)	8.61	2.0	µg/L	10.0		86.1	70-130				
1,2,3-Trichloropropane	9.56	2.0	µg/L	10.0		95.6	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7	1.0	µg/L	10.0		107	70-130				
1,2,4-Trimethylbenzene	10.2	1.0	µg/L	10.0		102	70-130				
1,3,5-Trimethylbenzene	9.65	1.0	µg/L	10.0		96.5	70-130				
Vinyl Chloride	8.59	2.0	µg/L	10.0		85.9	40-160				†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B095420 - SW-846 5030B											
LCS (B095420-BS1)				Prepared & Analyzed: 05/09/14							
m+p Xylene	19.4	2.0	µg/L	20.0		96.9	70-130				
o-Xylene	9.71	1.0	µg/L	10.0		97.1	70-130				
Surrogate: 1,2-Dichloroethane-d4	*23.8*		µg/L	25.0		95.4	70-130				
Surrogate: Toluene-d8	*25.3*		µg/L	25.0		101	70-130				
Surrogate: 4-Bromofluorobenzene	*24.4*		µg/L	25.0		97.6	70-130				
LCS Dup (B095420-BSD1)				Prepared & Analyzed: 05/09/14							
Acetone	71.8	50	µg/L	100		71.8	70-160	8.76	25	V-05	†
Acrylonitrile	8.55	5.0	µg/L	10.0		85.5	70-130	0.583	25		
tert-Amyl Methyl Ether (TAME)	9.25	0.50	µg/L	10.0		92.5	70-130	2.77	25		
Benzene	10.5	1.0	µg/L	10.0		105	70-130	1.71	25		
Bromobenzene	10.0	1.0	µg/L	10.0		100	70-130	1.10	25		
Bromochloromethane	11.7	1.0	µg/L	10.0		117	70-130	1.27	25		
Bromodichloromethane	9.69	0.50	µg/L	10.0		96.9	70-130	1.43	25		
Bromoform	11.0	1.0	µg/L	10.0		110	70-130	2.60	25		
Bromomethane	6.33	2.0	µg/L	10.0		63.3	40-160	4.36	25		†
2-Butanone (MEK)	84.0	20	µg/L	100		84.0	40-160	5.91	25		†
tert-Butyl Alcohol (TBA)	76.7	20	µg/L	100		76.7	40-160	2.67	25	V-16	†
n-Butylbenzene	10.5	1.0	µg/L	10.0		105	70-130	0.382	25		
sec-Butylbenzene	9.85	1.0	µg/L	10.0		98.5	70-130	1.33	25		
tert-Butylbenzene	9.89	1.0	µg/L	10.0		98.9	70-130	0.914	25		
tert-Butyl Ethyl Ether (TBEE)	10.3	0.50	µg/L	10.0		103	70-130	0.776	25		
Carbon Disulfide	10.1	4.0	µg/L	10.0		101	70-130	7.63	25		
Carbon Tetrachloride	10.0	5.0	µg/L	10.0		100	70-130	3.15	25		
Chlorobenzene	9.57	1.0	µg/L	10.0		95.7	70-130	2.27	25		
Chlorodibromomethane	9.08	0.50	µg/L	10.0		90.8	70-130	1.20	25		
Chloroethane	9.34	2.0	µg/L	10.0		93.4	70-130	6.32	25		
Chloroform	10.0	2.0	µg/L	10.0		100	70-130	1.19	25		
Chloromethane	8.33	5.0	µg/L	10.0		83.3	40-160	2.31	25		†
2-Chlorotoluene	8.75	1.0	µg/L	10.0		87.5	70-130	3.37	25		
4-Chlorotoluene	9.81	1.0	µg/L	10.0		98.1	70-130	1.42	25		
1,2-Dibromo-3-chloropropane (DBCP)	8.25	5.0	µg/L	10.0		82.5	70-130	0.121	25		
1,2-Dibromoethane (EDB)	9.50	0.50	µg/L	10.0		95.0	70-130	1.46	25		
Dibromomethane	10.1	1.0	µg/L	10.0		101	70-130	1.28	25		
1,2-Dichlorobenzene	9.41	1.0	µg/L	10.0		94.1	70-130	1.79	25		
1,3-Dichlorobenzene	9.53	1.0	µg/L	10.0		95.3	70-130	1.56	25		
1,4-Dichlorobenzene	9.89	1.0	µg/L	10.0		98.9	70-130	0.504	25		
trans-1,4-Dichloro-2-butene	9.19	2.0	µg/L	10.0		91.9	70-130	4.16	25		
Dichlorodifluoromethane (Freon 12)	7.85	2.0	µg/L	10.0		78.5	40-160	7.95	25		†
1,1-Dichloroethane	11.4	1.0	µg/L	10.0		114	70-130	4.21	25		
1,2-Dichloroethane	9.69	5.0	µg/L	10.0		96.9	70-130	2.35	25		
1,1-Dichloroethylene	8.91	1.0	µg/L	10.0		89.1	70-130	7.14	25		
cis-1,2-Dichloroethylene	10.5	1.0	µg/L	10.0		105	70-130	0.762	25		
trans-1,2-Dichloroethylene	10.8	1.0	µg/L	10.0		108	70-130	2.93	25		
1,2-Dichloropropane	10.5	1.0	µg/L	10.0		105	70-130	0.850	25		
1,3-Dichloropropane	10.1	0.50	µg/L	10.0		101	70-130	2.55	25		
2,2-Dichloropropane	10.4	1.0	µg/L	10.0		104	40-130	4.96	25		†
1,1-Dichloropropene	10.5	2.0	µg/L	10.0		105	70-130	2.73	25		
cis-1,3-Dichloropropene	9.89	0.50	µg/L	10.0		98.9	70-130	0.304	25		
trans-1,3-Dichloropropene	10.4	0.50	µg/L	10.0		104	70-130	1.24	25		
Diethyl Ether	9.00	2.0	µg/L	10.0		90.0	70-130	5.09	25		
Diisopropyl Ether (DIPE)	10.1	0.50	µg/L	10.0		101	70-130	0.0989	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B095420 - SW-846 5030B											
LCS Dup (B095420-BSD1)				Prepared & Analyzed: 05/09/14							
1,4-Dioxane	106	50	µg/L	100		106	40-130	13.3	50	V-16	† ‡
Ethylbenzene	10.2	1.0	µg/L	10.0		102	70-130	0.876	25		
Hexachlorobutadiene	11.0	0.50	µg/L	10.0		110	70-130	0.0912	25		
2-Hexanone (MBK)	89.1	10	µg/L	100		89.1	70-160	7.78	25		†
Isopropylbenzene (Cumene)	9.58	1.0	µg/L	10.0		95.8	70-130	0.521	25		
p-Isopropyltoluene (p-Cymene)	10.4	1.0	µg/L	10.0		104	70-130	0.770	25		
Methyl tert-Butyl Ether (MTBE)	9.94	1.0	µg/L	10.0		99.4	70-130	1.10	25		
Methylene Chloride	9.58	5.0	µg/L	10.0		95.8	70-130	0.00	25		
4-Methyl-2-pentanone (MIBK)	91.2	10	µg/L	100		91.2	70-160	5.07	25		†
Naphthalene	7.61	2.0	µg/L	10.0		76.1	40-130	10.3	25	V-05	†
n-Propylbenzene	9.95	1.0	µg/L	10.0		99.5	70-130	2.48	25		
Styrene	9.93	1.0	µg/L	10.0		99.3	70-130	3.95	25		
1,1,1,2-Tetrachloroethane	9.70	1.0	µg/L	10.0		97.0	70-130	2.51	25		
1,1,2,2-Tetrachloroethane	9.59	0.50	µg/L	10.0		95.9	70-130	1.14	25		
Tetrachloroethylene	10.3	1.0	µg/L	10.0		103	70-130	3.45	25		
Tetrahydrofuran	10.5	10	µg/L	10.0		105	70-130	5.01	25	V-16	
Toluene	10.2	1.0	µg/L	10.0		102	70-130	1.85	25		
1,2,3-Trichlorobenzene	7.52	5.0	µg/L	10.0		75.2	70-130	11.8	25	V-05	
1,2,4-Trichlorobenzene	8.78	1.0	µg/L	10.0		87.8	70-130	6.93	25		
1,3,5-Trichlorobenzene	9.23	1.0	µg/L	10.0		92.3	70-130	5.48	25		
1,1,1-Trichloroethane	10.0	1.0	µg/L	10.0		100	70-130	2.46	25		
1,1,2-Trichloroethane	9.65	1.0	µg/L	10.0		96.5	70-130	1.03	25		
Trichloroethylene	10.1	1.0	µg/L	10.0		101	70-130	0.0986	25		
Trichlorofluoromethane (Freon 11)	8.16	2.0	µg/L	10.0		81.6	70-130	5.37	25		
1,2,3-Trichloropropane	9.48	2.0	µg/L	10.0		94.8	70-130	0.840	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4	1.0	µg/L	10.0		104	70-130	2.84	25		
1,2,4-Trimethylbenzene	10.2	1.0	µg/L	10.0		102	70-130	0.0979	25		
1,3,5-Trimethylbenzene	9.56	1.0	µg/L	10.0		95.6	70-130	0.937	25		
Vinyl Chloride	8.20	2.0	µg/L	10.0		82.0	40-160	4.65	25		†
m+p Xylene	19.4	2.0	µg/L	20.0		97.2	70-130	0.258	25		
o-Xylene	9.55	1.0	µg/L	10.0		95.5	70-130	1.66	25		
Surrogate: 1,2-Dichloroethane-d4	*23.3*		µg/L	25.0		93.2	70-130				
Surrogate: Toluene-d8	*24.9*		µg/L	25.0		99.8	70-130				
Surrogate: 4-Bromofluorobenzene	*24.4*		µg/L	25.0		97.4	70-130				

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B095276 - SW-846 3510C										
Blank (B095276-BLK1)				Prepared: 05/07/14 Analyzed: 05/09/14						
Fuel Oil #2	ND	0.20	mg/L							
TPH (C9-C36)	ND	0.20	mg/L							
Surrogate: o-Terphenyl	*0.0844*		mg/L	0.100		84.4	40-140			
LCS (B095276-BS1)				Prepared: 05/07/14 Analyzed: 05/09/14						
Fuel Oil #2	0.783	0.20	mg/L	1.00		78.3	40-140			
Surrogate: o-Terphenyl	*0.0788*		mg/L	0.100		78.8	40-140			
LCS Dup (B095276-BSD1)				Prepared: 05/07/14 Analyzed: 05/09/14						
Fuel Oil #2	0.847	0.20	mg/L	1.00		84.7	40-140	7.92	25	
Surrogate: o-Terphenyl	*0.0837*		mg/L	0.100		83.7	40-140			

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QUALITY CONTROL

Metals Analyses (Dissolved) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B095086 - SW-846 3005A Dissolved										
Blank (B095086-BLK1)				Prepared: 05/05/14 Analyzed: 05/06/14						
Lead	ND	0.010	mg/L							
LCS (B095086-BS1)				Prepared: 05/05/14 Analyzed: 05/06/14						
Lead	0.529	0.010	mg/L	0.500		106	80-120			
LCS Dup (B095086-BSD1)				Prepared: 05/05/14 Analyzed: 05/06/14						
Lead	0.520	0.010	mg/L	0.500		104	80-120	1.73	20	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
RL-11	Elevated reporting limit due to high concentration of target compounds.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.
Z-01	Sample contamination matches the range for #2 fuel oil, but it does not match the pattern. Chromatogram also shows presence of non-petroleum hydrocarbon peaks in C32-C36 of the hydrocarbon range.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010C in Water	
Lead	CT,NH,NY,NC,ME,VA,NJ
SW-846 8260C in Water	
Acetone	CT,NY,ME,NH,VA,NJ
Acrylonitrile	CT,NY,ME,NH,VA,NJ
tert-Amyl Methyl Ether (TAME)	NY,ME,NH,VA,NJ
Benzene	CT,NY,ME,NH,VA,NJ
Bromochloromethane	NY,ME,NH,VA,NJ
Bromodichloromethane	CT,NY,ME,NH,VA,NJ
Bromoform	CT,NY,ME,NH,VA,NJ
Bromomethane	CT,NY,ME,NH,VA,NJ
2-Butanone (MEK)	CT,NY,ME,NH,VA,NJ
tert-Butyl Alcohol (TBA)	NY,ME,NH,VA,NJ
n-Butylbenzene	NY,ME,VA,NJ
sec-Butylbenzene	NY,ME,VA,NJ
tert-Butylbenzene	NY,ME,VA,NJ
tert-Butyl Ethyl Ether (TBEE)	NY,ME,NH,VA,NJ
Carbon Disulfide	CT,NY,ME,NH,VA,NJ
Carbon Tetrachloride	CT,NY,ME,NH,VA,NJ
Chlorobenzene	CT,NY,ME,NH,VA,NJ
Chlorodibromomethane	CT,NY,ME,NH,VA,NJ
Chloroethane	CT,NY,ME,NH,VA,NJ
Chloroform	CT,NY,ME,NH,VA,NJ
Chloromethane	CT,NY,ME,NH,VA,NJ
2-Chlorotoluene	NY,ME,NH,VA,NJ
4-Chlorotoluene	NY,ME,NH,VA,NJ
Dibromomethane	NY,ME,NH,VA,NJ
1,2-Dichlorobenzene	CT,NY,ME,NH,VA,NJ
1,3-Dichlorobenzene	CT,NY,ME,NH,VA,NJ
1,4-Dichlorobenzene	CT,NY,ME,NH,VA,NJ
trans-1,4-Dichloro-2-butene	NY,ME,NH,VA,NJ
Dichlorodifluoromethane (Freon 12)	NY,ME,NH,VA,NJ
1,1-Dichloroethane	CT,NY,ME,NH,VA,NJ
1,2-Dichloroethane	CT,NY,ME,NH,VA,NJ
1,1-Dichloroethylene	CT,NY,ME,NH,VA,NJ
cis-1,2-Dichloroethylene	NY,ME,NJ
trans-1,2-Dichloroethylene	CT,NY,ME,NH,VA,NJ
1,2-Dichloropropane	CT,NY,ME,NH,VA,NJ
1,3-Dichloropropane	NY,ME,VA,NJ
2,2-Dichloropropane	NY,ME,NH,VA,NJ
1,1-Dichloropropene	NY,ME,NH,VA,NJ
cis-1,3-Dichloropropene	CT,NY,ME,NH,VA,NJ
trans-1,3-Dichloropropene	CT,NY,ME,NH,VA,NJ
Diisopropyl Ether (DIPE)	NY,ME,NH,VA,NJ
Ethylbenzene	CT,NY,ME,NH,VA,NJ
Hexachlorobutadiene	CT,NY,ME,NH,VA,NJ
2-Hexanone (MBK)	CT,NY,ME,NH,VA,NJ

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Isopropylbenzene (Cumene)	NY,ME,VA,NJ
p-Isopropyltoluene (p-Cymene)	CT,NY,ME,NH,VA,NJ
Methyl tert-Butyl Ether (MTBE)	CT,NY,ME,NH,VA,NJ
Methylene Chloride	CT,NY,ME,NH,VA,NJ
4-Methyl-2-pentanone (MIBK)	CT,NY,ME,NH,VA,NJ
Naphthalene	NY,ME,NH,VA,NJ
n-Propylbenzene	CT,NY,ME,NH,VA,NJ
Styrene	CT,NY,ME,NH,VA,NJ
1,1,1,2-Tetrachloroethane	CT,NY,ME,NH,VA,NJ
1,1,2,2-Tetrachloroethane	CT,NY,ME,NH,VA,NJ
Tetrachloroethylene	CT,NY,ME,NH,VA,NJ
Toluene	CT,NY,ME,NH,VA,NJ
1,2,3-Trichlorobenzene	NY,ME,NH,VA,NJ
1,2,4-Trichlorobenzene	CT,NY,ME,NH,VA,NJ
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NY,ME,NH,VA,NJ
1,1,2-Trichloroethane	CT,NY,ME,NH,VA,NJ
Trichloroethylene	CT,NY,ME,NH,VA,NJ
Trichlorofluoromethane (Freon 11)	CT,NY,ME,NH,VA,NJ
1,2,3-Trichloropropane	NY,ME,NH,VA,NJ
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY,VA,NJ
1,2,4-Trimethylbenzene	NY,ME,VA,NJ
1,3,5-Trimethylbenzene	NY,ME,VA,NJ
Vinyl Chloride	CT,NY,ME,NH,VA,NJ
m+p Xylene	CT,NY,ME,NH,VA
o-Xylene	CT,NY,ME,NH,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2014
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2015
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2015
RI	Rhode Island Department of Health	LAO00112	12/30/2014
NC	North Carolina Div. of Water Quality	652	12/31/2014
NJ	New Jersey DEP	MA007 NELAP	06/30/2014
FL	Florida Department of Health	E871027 NELAP	06/30/2014
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2014
WA	State of Washington Department of Ecology	C2065	02/23/2015
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2014
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2014

con-test ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

14E0128

Rev 04.05.12

Company Name: CBI Environmental
Address: 150 Royall Street, Canton, MA 02021
Attention: Ed VanDoren
Project Location: Textron/Providence, RI
Sampled By: Daniel C. Leahy

Telephone: 617-589-4030
Project #: 130274
Client PO#: 835493

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #:
Email: Edward.VanDoren@CBI.com
Format: ○ PDF ○ EXCEL ○ GIS
● OTHER GISKEY FORMAT
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	VOCs 15 w/ MTBE & EDB	TPH	Dissolved Lead	
								3	2	1		# of Containers
								H	I	N		** Preservation
								V	A	P		***Container Code
01	CW-1	5/2/14	0700		G	GW	V	3				
02	CW-2	5/2/14	0740				V	3				
03	CW-6	5/2/14	0900				A		2			
04	CW-6 DUP	5/2/14	0900				A		2			
05	MW-109	5/2/14	1030				VP	3			1	
06	GZA-3	5/2/14	1145				VP	3			1	
07	GZA-3 DUP	5/2/14	1145				P				1	
08	MW-116S	5/2/14	1240				V	3				
09	MW-116D	5/2/14	1335				V	3				
					↓	↓						

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V=vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

Comments: LEAD SAMPLES ARE FIELD FILTERED
PLEASE EMAIL GISKEY FORMATTED EDD + PDF OF REPORTS TO: Edward.VanDoren@CBI.com + CONTINUING.DOE@CBI.com

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
	5/5/14 0930
Received by: (signature)	Date/Time:
	5/5/14 09:50
Relinquished by: (signature)	Date/Time:
	5/5/14 15:10
Received by: (signature)	Date/Time:
	5.5.14 15:10

Turnaround ††
☐ 7-Day
☐ 10-Day
☐ Other ___
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

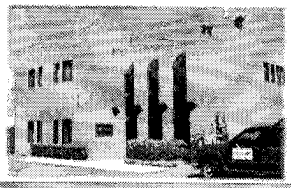
NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

con-test® ANALYTICAL LABORATORY



Sample Receipt Checklist

CLIENT NAME: CB + I RECEIVED BY: PB DATE: 5.5.14

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No No CoC Included

2) **Does the chain agree with the samples?** (Yes) No
If not, explain:

3) **Are all the samples in good condition?** (Yes) No
If not, explain:

4) **How were the samples received:**
On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 4.8

5) **Are there Dissolved samples for the lab to filter?** Yes (No)
Who was notified _____ Date _____ Time _____

6) **Are there any RUSH or SHORT HOLDING TIME samples?** Yes (No)
Who was notified _____ Date _____ Time _____

7) **Location where samples are stored:** Log in

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) **Do all samples have the proper Acid pH:** (Yes) No N/A _____

9) **Do all samples have the proper Base pH:** Yes No (N/A) _____

10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber	2	8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic	3	Non-ConTest Container	
40 mL Vial - type listed below	18	Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl 18 # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	NA	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	T	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements? **Date/Time:**

Doc #277 Rev. 4 August 2013 **Log-In Technician Initials:** PB **Date/Time:** 5.5.14 15:10

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May 13, 2014

Edward Van Doren
CB&I Env. & Infrastructure - MA
150 Royall Street
Canton, MA 02021

Project Location: Textron/Providence, RI
Client Job Number:
Project Number: 130274
Laboratory Work Order Number: 14E0134

Enclosed are results of analyses for samples received by the laboratory on May 5, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James M. Georgantas
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CB&I Env. & Infrastructure - MA
150 Royall Street
Canton, MA 02021
ATTN: Edward Van Doren

REPORT DATE: 5/13/2014

PURCHASE ORDER NUMBER: 835493-000 OP

PROJECT NUMBER: 130274

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14E0134

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Textron/Providence, RI

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-207D	14E0134-01	Ground Water		SW-846 8260C	
MW-207S	14E0134-02	Ground Water		SW-846 8260C	
MW-202S	14E0134-03	Ground Water		SW-846 8260C	
MW-202D	14E0134-04	Ground Water		SW-846 8260C	
MW-101S	14E0134-05	Ground Water		SW-846 8260C	
MW-101S DUP	14E0134-06	Ground Water		SW-846 8260C	
MW-101D	14E0134-07	Ground Water		SW-846 8260C	
MW-209	14E0134-08	Ground Water		SW-846 8260C	
MW-112	14E0134-09	Ground Water		SW-846 8260C	
MW-201D	14E0134-10	Ground Water		SW-846 8260C	
MW-218S	14E0134-11	Ground Water		SW-846 8260C	
MW-218D	14E0134-12	Ground Water		SW-846 8260C	
MW-216S	14E0134-13	Ground Water		SW-846 8260C	
MW-216D	14E0134-14	Ground Water		SW-846 8260C	
MW-217S	14E0134-15	Ground Water		SW-846 8260C	
MW-217D	14E0134-16	Ground Water		SW-846 8260C	
Trip Blank	14E0134-17	Trip Blank Water		SW-846 8260C	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8260C

Qualifications:

Elevated reporting limits for all volatile compounds due to foaming sample matrix.

Analyte & Samples(s) Qualified:

14E0134-13[MW-216S]

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

Methylene Chloride

B095514-BS1

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

14E0134-08[MW-209], 14E0134-09[MW-112], 14E0134-10[MW-201D]

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,2-Dibromo-3-chloropropane (DBCP), 1,3,5-Trichlorobenzene, 1,4-Dioxane, 2,2-Dichloropropane, Hexachlorobutadiene

14E0134-02[MW-207S], 14E0134-03[MW-202S], 14E0134-04[MW-202D], 14E0134-05[MW-101S], 14E0134-06[MW-101S DUP], 14E0134-12[MW-218D], 14E0134-13[MW-216S], 14E0134-14[MW-216D], B095514-BLK1, B095514-BS1, B095514-BSD1, 14E0134-01[MW-207D], 14E0134-07[MW-101D], 14E0134-08[MW-209], 14E0134-09[MW-112], 14E0134-10[MW-201D], 14E0134-11[MW-218S], 14E0134-15[MW-217S], 14E0134-16[MW-217D], 14E0134-17[Trip Blank], B095448-BLK1, B095448-BS1, B095448-BSD1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:

1,4-Dioxane, tert-Butyl Alcohol (TBA)

14E0134-01[MW-207D], 14E0134-02[MW-207S], 14E0134-03[MW-202S], 14E0134-04[MW-202D], 14E0134-05[MW-101S], 14E0134-06[MW-101S DUP], 14E0134-07[MW-101D], 14E0134-08[MW-209], 14E0134-09[MW-112], 14E0134-10[MW-201D], 14E0134-11[MW-218S], 14E0134-12[MW-218D], 14E0134-13[MW-216S], 14E0134-14[MW-216D], 14E0134-15[MW-217S], 14E0134-16[MW-217D], 14E0134-17[Trip Blank], B095448-BLK1, B095448-BS1, B095448-BSD1, B095514-BLK1, B095514-BS1, B095514-BSD1

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Bromomethane

B095448-BS1, B095448-BSD1, B095514-BS1, B095514-BSD1

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The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Daren J. Damboragian
Laboratory Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-207D | Sampled: 5/1/2014 07:00

Sample ID: 14E0134-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
Bromoform	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	5/9/14	5/9/14 23:58	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-207D | Sampled: 5/1/2014 07:00

Sample ID: 14E0134-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
1,4-Dioxane	ND	50	µg/L	1	V-05, V-16	SW-846 8260C	5/9/14	5/9/14 23:58	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
Naphthalene	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
1,2,4-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
1,3,5-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:58	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	100	70-130		5/9/14 23:58
Toluene-d8	98.1	70-130		5/9/14 23:58
4-Bromofluorobenzene	95.1	70-130		5/9/14 23:58

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Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-207S | Sampled: 5/1/2014 07:30

Sample ID: 14E0134-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
Bromoform	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	5/10/14	5/13/14 12:14	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	5/10/14	5/13/14 12:14	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	5/10/14	5/13/14 12:14	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-207S | Sampled: 5/1/2014 07:30

Sample ID: 14E0134-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	5/10/14	5/13/14 12:14	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1	V-05	SW-846 8260C	5/10/14	5/13/14 12:14	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
Naphthalene	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
Tetrachloroethylene	2.2	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
1,2,4-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
1,3,5-Trichlorobenzene	ND	2.0	µg/L	1	V-05	SW-846 8260C	5/10/14	5/13/14 12:14	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:14	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		5/13/14 12:14
Toluene-d8	98.0	70-130		5/13/14 12:14
4-Bromofluorobenzene	94.4	70-130		5/13/14 12:14

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-202S | Sampled: 5/1/2014 08:00

Sample ID: 14E0134-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
Bromoform	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	5/10/14	5/13/14 12:44	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	5/10/14	5/13/14 12:44	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	5/10/14	5/13/14 12:44	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-202S | Sampled: 5/1/2014 08:00

Sample ID: 14E0134-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	5/10/14	5/13/14 12:44	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1	V-05	SW-846 8260C	5/10/14	5/13/14 12:44	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
Naphthalene	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
Tetrachloroethylene	29	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
1,2,4-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
1,3,5-Trichlorobenzene	ND	2.0	µg/L	1	V-05	SW-846 8260C	5/10/14	5/13/14 12:44	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 12:44	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	103	70-130		5/13/14 12:44
Toluene-d8	98.4	70-130		5/13/14 12:44
4-Bromofluorobenzene	95.9	70-130		5/13/14 12:44

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-202D | Sampled: 5/1/2014 08:30

Sample ID: 14E0134-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
Bromoform	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	5/10/14	5/13/14 13:15	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	5/10/14	5/13/14 13:15	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	5/10/14	5/13/14 13:15	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-202D | Sampled: 5/1/2014 08:30

Sample ID: 14E0134-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	5/10/14	5/13/14 13:15	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1	V-05	SW-846 8260C	5/10/14	5/13/14 13:15	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
Naphthalene	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
Tetrachloroethylene	67	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
1,2,4-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
1,3,5-Trichlorobenzene	ND	2.0	µg/L	1	V-05	SW-846 8260C	5/10/14	5/13/14 13:15	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:15	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	103	70-130		5/13/14 13:15
Toluene-d8	98.1	70-130		5/13/14 13:15
4-Bromofluorobenzene	95.2	70-130		5/13/14 13:15

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-101S | Sampled: 5/1/2014 09:00

Sample ID: 14E0134-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
Bromoform	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	5/10/14	5/13/14 13:46	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	5/10/14	5/13/14 13:46	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	5/10/14	5/13/14 13:46	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-101S | Sampled: 5/1/2014 09:00

Sample ID: 14E0134-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	5/10/14	5/13/14 13:46	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1	V-05	SW-846 8260C	5/10/14	5/13/14 13:46	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
Naphthalene	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
Tetrachloroethylene	10	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
1,2,4-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
1,3,5-Trichlorobenzene	ND	2.0	µg/L	1	V-05	SW-846 8260C	5/10/14	5/13/14 13:46	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 13:46	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		5/13/14 13:46
Toluene-d8	98.5	70-130		5/13/14 13:46
4-Bromofluorobenzene	93.8	70-130		5/13/14 13:46

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-101S DUP | Sampled: 5/1/2014 09:00

Sample ID: 14E0134-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
Bromoform	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	5/10/14	5/13/14 14:17	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	5/10/14	5/13/14 14:17	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	5/10/14	5/13/14 14:17	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-101S DUP | Sampled: 5/1/2014 09:00

Sample ID: 14E0134-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	5/10/14	5/13/14 14:17	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1	V-05	SW-846 8260C	5/10/14	5/13/14 14:17	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
Naphthalene	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
Tetrachloroethylene	10	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
1,2,4-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
1,3,5-Trichlorobenzene	ND	2.0	µg/L	1	V-05	SW-846 8260C	5/10/14	5/13/14 14:17	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:17	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		5/13/14 14:17
Toluene-d8	98.7	70-130		5/13/14 14:17
4-Bromofluorobenzene	95.8	70-130		5/13/14 14:17

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-101D | Sampled: 5/1/2014 09:30

Sample ID: 14E0134-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
Bromoform	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	5/9/14	5/10/14 0:29	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-101D | Sampled: 5/1/2014 09:30

Sample ID: 14E0134-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
1,4-Dioxane	ND	50	µg/L	1	V-05, V-16	SW-846 8260C	5/9/14	5/10/14 0:29	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
Naphthalene	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
Tetrachloroethylene	10	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
1,2,4-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
1,3,5-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 0:29	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	97.2	70-130		5/10/14	0:29
Toluene-d8	98.6	70-130		5/10/14	0:29
4-Bromofluorobenzene	94.5	70-130		5/10/14	0:29

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-209 | Sampled: 5/1/2014 10:00

Sample ID: 14E0134-08

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	500	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
Acrylonitrile	ND	50	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
tert-Amyl Methyl Ether (TAME)	ND	5.0	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
Benzene	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
Bromobenzene	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
Bromochloromethane	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
Bromodichloromethane	ND	5.0	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
Bromoform	ND	20	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
Bromomethane	ND	20	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
2-Butanone (MEK)	ND	200	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
tert-Butyl Alcohol (TBA)	ND	200	µg/L	10	V-16	SW-846 8260C	5/9/14	5/10/14 6:09	MFF
n-Butylbenzene	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
sec-Butylbenzene	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
tert-Butylbenzene	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	5.0	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
Carbon Disulfide	ND	40	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
Carbon Tetrachloride	ND	50	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
Chlorobenzene	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
Chlorodibromomethane	ND	5.0	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
Chloroethane	ND	20	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
Chloroform	ND	20	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
Chloromethane	ND	20	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
2-Chlorotoluene	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
4-Chlorotoluene	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	50	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
1,2-Dibromoethane (EDB)	ND	5.0	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
Dibromomethane	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
1,2-Dichlorobenzene	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
1,3-Dichlorobenzene	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
1,4-Dichlorobenzene	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
trans-1,4-Dichloro-2-butene	ND	20	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
Dichlorodifluoromethane (Freon 12)	ND	20	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
1,1-Dichloroethane	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
1,2-Dichloroethane	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
1,1-Dichloroethylene	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
cis-1,2-Dichloroethylene	310	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
trans-1,2-Dichloroethylene	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
1,2-Dichloropropane	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
1,3-Dichloropropane	ND	5.0	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
2,2-Dichloropropane	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
1,1-Dichloropropene	ND	20	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
cis-1,3-Dichloropropene	ND	5.0	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
trans-1,3-Dichloropropene	ND	5.0	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
Diethyl Ether	ND	20	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-209 | Sampled: 5/1/2014 10:00

Sample ID: 14E0134-08

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	5.0	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
1,4-Dioxane	ND	500	µg/L	10	V-05, V-16	SW-846 8260C	5/9/14	5/10/14 6:09	MFF
Ethylbenzene	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
Hexachlorobutadiene	ND	5.0	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
2-Hexanone (MBK)	ND	100	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
Isopropylbenzene (Cumene)	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
p-Isopropyltoluene (p-Cymene)	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
Methyl tert-Butyl Ether (MTBE)	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
Methylene Chloride	ND	50	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
4-Methyl-2-pentanone (MIBK)	ND	100	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
Naphthalene	ND	50	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
n-Propylbenzene	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
Styrene	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
1,1,1,2-Tetrachloroethane	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
1,1,2,2-Tetrachloroethane	ND	5.0	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
Tetrachloroethylene	340	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
Tetrahydrofuran	ND	100	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
Toluene	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
1,2,3-Trichlorobenzene	ND	50	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
1,2,4-Trichlorobenzene	ND	20	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
1,3,5-Trichlorobenzene	ND	20	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
1,1,1-Trichloroethane	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
1,1,2-Trichloroethane	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
Trichloroethylene	140	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
Trichlorofluoromethane (Freon 11)	ND	20	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
1,2,3-Trichloropropane	ND	20	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
1,2,4-Trimethylbenzene	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
1,3,5-Trimethylbenzene	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
Vinyl Chloride	ND	20	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
m+p Xylene	ND	20	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF
o-Xylene	ND	10	µg/L	10		SW-846 8260C	5/9/14	5/10/14 6:09	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.9	70-130		5/10/14 6:09
Toluene-d8	98.0	70-130		5/10/14 6:09
4-Bromofluorobenzene	95.2	70-130		5/10/14 6:09

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-112 | Sampled: 5/1/2014 10:30

Sample ID: 14E0134-09

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	1200	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
Acrylonitrile	ND	120	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
tert-Amyl Methyl Ether (TAME)	ND	12	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
Benzene	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
Bromobenzene	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
Bromochloromethane	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
Bromodichloromethane	ND	12	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
Bromoform	ND	50	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
Bromomethane	ND	50	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
2-Butanone (MEK)	ND	500	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
tert-Butyl Alcohol (TBA)	ND	500	µg/L	25	V-16	SW-846 8260C	5/9/14	5/10/14 6:40	MFF
n-Butylbenzene	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
sec-Butylbenzene	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
tert-Butylbenzene	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	12	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
Carbon Disulfide	ND	100	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
Carbon Tetrachloride	ND	120	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
Chlorobenzene	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
Chlorodibromomethane	ND	12	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
Chloroethane	ND	50	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
Chloroform	ND	50	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
Chloromethane	ND	50	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
2-Chlorotoluene	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
4-Chlorotoluene	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	120	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
1,2-Dibromoethane (EDB)	ND	12	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
Dibromomethane	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
1,2-Dichlorobenzene	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
1,3-Dichlorobenzene	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
1,4-Dichlorobenzene	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
trans-1,4-Dichloro-2-butene	ND	50	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
Dichlorodifluoromethane (Freon 12)	ND	50	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
1,1-Dichloroethane	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
1,2-Dichloroethane	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
1,1-Dichloroethylene	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
cis-1,2-Dichloroethylene	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
trans-1,2-Dichloroethylene	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
1,2-Dichloropropane	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
1,3-Dichloropropane	ND	12	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
2,2-Dichloropropane	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
1,1-Dichloropropene	ND	50	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
cis-1,3-Dichloropropene	ND	12	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
trans-1,3-Dichloropropene	ND	12	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
Diethyl Ether	ND	50	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-112 | Sampled: 5/1/2014 10:30

Sample ID: 14E0134-09

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	12	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
1,4-Dioxane	ND	1200	µg/L	25	V-05, V-16	SW-846 8260C	5/9/14	5/10/14 6:40	MFF
Ethylbenzene	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
Hexachlorobutadiene	ND	12	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
2-Hexanone (MBK)	ND	250	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
Isopropylbenzene (Cumene)	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
p-Isopropyltoluene (p-Cymene)	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
Methyl tert-Butyl Ether (MTBE)	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
Methylene Chloride	ND	120	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
4-Methyl-2-pentanone (MIBK)	ND	250	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
Naphthalene	ND	120	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
n-Propylbenzene	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
Styrene	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
1,1,1,2-Tetrachloroethane	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
1,1,2,2-Tetrachloroethane	ND	12	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
Tetrachloroethylene	5600	500	µg/L	500		SW-846 8260C	5/9/14	5/13/14 16:20	LBD
Tetrahydrofuran	ND	250	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
Toluene	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
1,2,3-Trichlorobenzene	ND	120	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
1,2,4-Trichlorobenzene	ND	50	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
1,3,5-Trichlorobenzene	ND	50	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
1,1,1-Trichloroethane	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
1,1,2-Trichloroethane	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
Trichloroethylene	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
Trichlorofluoromethane (Freon 11)	ND	50	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
1,2,3-Trichloropropane	ND	50	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
1,2,4-Trimethylbenzene	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
1,3,5-Trimethylbenzene	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
Vinyl Chloride	ND	50	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
m+p Xylene	ND	50	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF
o-Xylene	ND	25	µg/L	25		SW-846 8260C	5/9/14	5/10/14 6:40	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		5/10/14 6:40
1,2-Dichloroethane-d4	101	70-130		5/13/14 16:20
Toluene-d8	98.6	70-130		5/10/14 6:40
Toluene-d8	98.6	70-130		5/13/14 16:20
4-Bromofluorobenzene	94.2	70-130		5/13/14 16:20
4-Bromofluorobenzene	96.8	70-130		5/10/14 6:40

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-201D | Sampled: 5/1/2014 11:00

Sample ID: 14E0134-10

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10000	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
Acrylonitrile	ND	1000	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
tert-Amyl Methyl Ether (TAME)	ND	100	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
Benzene	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
Bromobenzene	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
Bromochloromethane	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
Bromodichloromethane	ND	100	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
Bromoform	ND	400	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
Bromomethane	ND	400	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
2-Butanone (MEK)	ND	4000	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
tert-Butyl Alcohol (TBA)	ND	4000	µg/L	200	V-16	SW-846 8260C	5/9/14	5/10/14 7:11	MFF
n-Butylbenzene	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
sec-Butylbenzene	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
tert-Butylbenzene	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	100	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
Carbon Disulfide	ND	800	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
Carbon Tetrachloride	ND	1000	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
Chlorobenzene	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
Chlorodibromomethane	ND	100	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
Chloroethane	ND	400	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
Chloroform	ND	400	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
Chloromethane	ND	400	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
2-Chlorotoluene	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
4-Chlorotoluene	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1000	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
1,2-Dibromoethane (EDB)	ND	100	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
Dibromomethane	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
1,2-Dichlorobenzene	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
1,3-Dichlorobenzene	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
1,4-Dichlorobenzene	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
trans-1,4-Dichloro-2-butene	ND	400	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
Dichlorodifluoromethane (Freon 12)	ND	400	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
1,1-Dichloroethane	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
1,2-Dichloroethane	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
1,1-Dichloroethylene	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
cis-1,2-Dichloroethylene	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
trans-1,2-Dichloroethylene	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
1,2-Dichloropropane	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
1,3-Dichloropropane	ND	100	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
2,2-Dichloropropane	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
1,1-Dichloropropene	ND	400	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
cis-1,3-Dichloropropene	ND	100	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
trans-1,3-Dichloropropene	ND	100	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
Diethyl Ether	ND	400	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-201D | Sampled: 5/1/2014 11:00

Sample ID: 14E0134-10

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	100	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
1,4-Dioxane	ND	10000	µg/L	200	V-05, V-16	SW-846 8260C	5/9/14	5/10/14 7:11	MFF
Ethylbenzene	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
Hexachlorobutadiene	ND	100	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
2-Hexanone (MBK)	ND	2000	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
Isopropylbenzene (Cumene)	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
p-Isopropyltoluene (p-Cymene)	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
Methyl tert-Butyl Ether (MTBE)	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
Methylene Chloride	ND	1000	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
4-Methyl-2-pentanone (MIBK)	ND	2000	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
Naphthalene	ND	1000	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
n-Propylbenzene	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
Styrene	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
1,1,1,2-Tetrachloroethane	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
1,1,2,2-Tetrachloroethane	ND	100	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
Tetrachloroethylene	9800	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
Tetrahydrofuran	ND	2000	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
Toluene	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
1,2,3-Trichlorobenzene	ND	1000	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
1,2,4-Trichlorobenzene	ND	400	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
1,3,5-Trichlorobenzene	ND	400	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
1,1,1-Trichloroethane	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
1,1,2-Trichloroethane	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
Trichloroethylene	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
Trichlorofluoromethane (Freon 11)	ND	400	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
1,2,3-Trichloropropane	ND	400	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
1,2,4-Trimethylbenzene	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
1,3,5-Trimethylbenzene	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
Vinyl Chloride	ND	400	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
m+p Xylene	ND	400	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF
o-Xylene	ND	200	µg/L	200		SW-846 8260C	5/9/14	5/10/14 7:11	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	100	70-130		5/10/14 7:11
Toluene-d8	98.6	70-130		5/10/14 7:11
4-Bromofluorobenzene	96.3	70-130		5/10/14 7:11

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-218S | Sampled: 5/1/2014 11:30

Sample ID: 14E0134-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
Bromoform	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	5/9/14	5/10/14 1:00	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-218S | Sampled: 5/1/2014 11:30

Sample ID: 14E0134-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
1,4-Dioxane	ND	50	µg/L	1	V-05, V-16	SW-846 8260C	5/9/14	5/10/14 1:00	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
Naphthalene	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
Tetrachloroethylene	6.0	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
1,2,4-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
1,3,5-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 1:00	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	97.2	70-130		5/10/14	1:00
Toluene-d8	98.2	70-130		5/10/14	1:00
4-Bromofluorobenzene	95.7	70-130		5/10/14	1:00

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-218D | Sampled: 5/1/2014 12:30

Sample ID: 14E0134-12

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
Bromoform	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	5/10/14	5/13/14 14:48	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	5/10/14	5/13/14 14:48	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	5/10/14	5/13/14 14:48	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-218D | Sampled: 5/1/2014 12:30

Sample ID: 14E0134-12

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	5/10/14	5/13/14 14:48	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1	V-05	SW-846 8260C	5/10/14	5/13/14 14:48	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
Naphthalene	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
Tetrachloroethylene	16	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
1,2,4-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
1,3,5-Trichlorobenzene	ND	2.0	µg/L	1	V-05	SW-846 8260C	5/10/14	5/13/14 14:48	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
Trichloroethylene	1.5	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 14:48	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		5/13/14 14:48
Toluene-d8	98.4	70-130		5/13/14 14:48
4-Bromofluorobenzene	93.8	70-130		5/13/14 14:48

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-216S | Sampled: 5/1/2014 13:00

Sample ID: 14E0134-13

Sample Matrix: Ground Water

Sample Flags: DL-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	250	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
Acrylonitrile	ND	25	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
tert-Amyl Methyl Ether (TAME)	ND	2.5	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
Benzene	ND	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
Bromobenzene	ND	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
Bromochloromethane	ND	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
Bromodichloromethane	ND	2.5	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
Bromoform	ND	10	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
Bromomethane	ND	10	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
2-Butanone (MEK)	ND	100	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
tert-Butyl Alcohol (TBA)	ND	100	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
n-Butylbenzene	ND	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
sec-Butylbenzene	ND	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
tert-Butylbenzene	ND	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	2.5	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
Carbon Disulfide	ND	20	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
Carbon Tetrachloride	ND	25	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
Chlorobenzene	ND	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
Chlorodibromomethane	ND	2.5	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
Chloroethane	ND	10	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
Chloroform	ND	10	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
Chloromethane	ND	10	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
2-Chlorotoluene	ND	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
4-Chlorotoluene	ND	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	µg/L	5	V-05	SW-846 8260C	5/10/14	5/13/14 15:50	LBD
1,2-Dibromoethane (EDB)	ND	2.5	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
Dibromomethane	ND	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
1,2-Dichlorobenzene	ND	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
1,3-Dichlorobenzene	ND	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
1,4-Dichlorobenzene	ND	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
trans-1,4-Dichloro-2-butene	ND	10	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
Dichlorodifluoromethane (Freon 12)	ND	10	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
1,1-Dichloroethane	ND	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
1,2-Dichloroethane	ND	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
1,1-Dichloroethylene	ND	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
cis-1,2-Dichloroethylene	31	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
trans-1,2-Dichloroethylene	ND	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
1,2-Dichloropropane	ND	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
1,3-Dichloropropane	ND	2.5	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
2,2-Dichloropropane	ND	5.0	µg/L	5	V-05	SW-846 8260C	5/10/14	5/13/14 15:50	LBD
1,1-Dichloropropene	ND	10	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
cis-1,3-Dichloropropene	ND	2.5	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
trans-1,3-Dichloropropene	ND	2.5	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
Diethyl Ether	ND	10	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-216S | Sampled: 5/1/2014 13:00

Sample ID: 14E0134-13

Sample Matrix: Ground Water

Sample Flags: DL-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	2.5	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
1,4-Dioxane	ND	250	µg/L	5	V-16	SW-846 8260C	5/10/14	5/13/14 15:50	LBD
Ethylbenzene	ND	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
Hexachlorobutadiene	ND	2.5	µg/L	5	V-05	SW-846 8260C	5/10/14	5/13/14 15:50	LBD
2-Hexanone (MBK)	ND	50	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
Isopropylbenzene (Cumene)	ND	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
p-Isopropyltoluene (p-Cymene)	ND	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
Methyl tert-Butyl Ether (MTBE)	ND	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
Methylene Chloride	ND	25	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
4-Methyl-2-pentanone (MIBK)	ND	50	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
Naphthalene	43	25	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
n-Propylbenzene	ND	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
Styrene	ND	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
1,1,1,2-Tetrachloroethane	ND	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
1,1,2,2-Tetrachloroethane	ND	2.5	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
Tetrachloroethylene	ND	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
Tetrahydrofuran	ND	50	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
Toluene	ND	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
1,2,3-Trichlorobenzene	ND	25	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
1,2,4-Trichlorobenzene	ND	10	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
1,3,5-Trichlorobenzene	ND	10	µg/L	5	V-05	SW-846 8260C	5/10/14	5/13/14 15:50	LBD
1,1,1-Trichloroethane	ND	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
1,1,2-Trichloroethane	ND	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
Trichloroethylene	ND	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
Trichlorofluoromethane (Freon 11)	ND	10	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
1,2,3-Trichloropropane	ND	10	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
1,2,4-Trimethylbenzene	9.6	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
1,3,5-Trimethylbenzene	6.2	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
Vinyl Chloride	ND	10	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
m+p Xylene	ND	10	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD
o-Xylene	7.6	5.0	µg/L	5		SW-846 8260C	5/10/14	5/13/14 15:50	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		5/13/14 15:50
Toluene-d8	98.4	70-130		5/13/14 15:50
4-Bromofluorobenzene	96.5	70-130		5/13/14 15:50

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-216D | Sampled: 5/1/2014 13:30

Sample ID: 14E0134-14

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
Bromoform	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	5/10/14	5/13/14 15:19	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	5/10/14	5/13/14 15:19	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	5/10/14	5/13/14 15:19	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-216D | Sampled: 5/1/2014 13:30

Sample ID: 14E0134-14

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	5/10/14	5/13/14 15:19	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1	V-05	SW-846 8260C	5/10/14	5/13/14 15:19	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
Naphthalene	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
1,2,4-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
1,3,5-Trichlorobenzene	ND	2.0	µg/L	1	V-05	SW-846 8260C	5/10/14	5/13/14 15:19	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
Trichloroethylene	1.2	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	5/10/14	5/13/14 15:19	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		5/13/14 15:19
Toluene-d8	98.3	70-130		5/13/14 15:19
4-Bromofluorobenzene	95.1	70-130		5/13/14 15:19

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-217S | Sampled: 5/1/2014 14:30

Sample ID: 14E0134-15

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
Bromoform	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	5/9/14	5/10/14 2:33	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-217S | Sampled: 5/1/2014 14:30

Sample ID: 14E0134-15

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
1,4-Dioxane	ND	50	µg/L	1	V-05, V-16	SW-846 8260C	5/9/14	5/10/14 2:33	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
Naphthalene	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
Tetrachloroethylene	8.2	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
1,2,4-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
1,3,5-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 2:33	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.3	70-130		5/10/14 2:33
Toluene-d8	98.3	70-130		5/10/14 2:33
4-Bromofluorobenzene	96.0	70-130		5/10/14 2:33

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-217D | Sampled: 5/1/2014 15:30

Sample ID: 14E0134-16

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
Bromoform	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	5/9/14	5/10/14 3:04	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: MW-217D | Sampled: 5/1/2014 15:30

Sample ID: 14E0134-16

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
1,4-Dioxane	ND	50	µg/L	1	V-05, V-16	SW-846 8260C	5/9/14	5/10/14 3:04	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
Naphthalene	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
1,2,4-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
1,3,5-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/10/14 3:04	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	100	70-130		5/10/14 3:04
Toluene-d8	98.0	70-130		5/10/14 3:04
4-Bromofluorobenzene	96.1	70-130		5/10/14 3:04

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: Trip Blank | Sampled: 5/1/2014 00:00

Sample ID: 14E0134-17

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
Bromoform	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	5/9/14	5/9/14 23:27	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Textron/Providence, RI | Sample Description: | Work Order: 14E0134

Date Received: 5/5/2014

Field Sample #: Trip Blank | Sampled: 5/1/2014 00:00

Sample ID: 14E0134-17

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16, V-05	SW-846 8260C	5/9/14	5/9/14 23:27	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
Naphthalene	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
1,2,4-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
1,3,5-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	5/9/14	5/9/14 23:27	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		5/9/14 23:27
Toluene-d8	98.6	70-130		5/9/14 23:27
4-Bromofluorobenzene	97.0	70-130		5/9/14 23:27

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
14E0134-01 [MW-207D]	B095448	5	5.00	05/09/14
14E0134-07 [MW-101D]	B095448	5	5.00	05/09/14
14E0134-08 [MW-209]	B095448	0.5	5.00	05/09/14
14E0134-09 [MW-112]	B095448	0.2	5.00	05/09/14
14E0134-10 [MW-201D]	B095448	0.025	5.00	05/09/14
14E0134-11 [MW-218S]	B095448	5	5.00	05/09/14
14E0134-15 [MW-217S]	B095448	5	5.00	05/09/14
14E0134-16 [MW-217D]	B095448	5	5.00	05/09/14
14E0134-17 [Trip Blank]	B095448	5	5.00	05/09/14

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
14E0134-02 [MW-207S]	B095514	5	5.00	05/10/14
14E0134-03 [MW-202S]	B095514	5	5.00	05/10/14
14E0134-04 [MW-202D]	B095514	5	5.00	05/10/14
14E0134-05 [MW-101S]	B095514	5	5.00	05/10/14
14E0134-06 [MW-101S DUP]	B095514	5	5.00	05/10/14
14E0134-09RE1 [MW-112]	B095514	0.01	5.00	05/09/14
14E0134-12 [MW-218D]	B095514	5	5.00	05/10/14
14E0134-13 [MW-216S]	B095514	1	5.00	05/10/14
14E0134-14 [MW-216D]	B095514	5	5.00	05/10/14

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B095448 - SW-846 5030B										
Blank (B095448-BLK1)				Prepared & Analyzed: 05/09/14						
Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							V-16
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	4.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-05, V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B095448 - SW-846 5030B											
Blank (B095448-BLK1)				Prepared & Analyzed: 05/09/14							
Methylene Chloride	ND	5.0	µg/L								
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L								
Naphthalene	ND	2.0	µg/L								
n-Propylbenzene	ND	1.0	µg/L								
Styrene	ND	1.0	µg/L								
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L								
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L								
Tetrachloroethylene	ND	1.0	µg/L								
Tetrahydrofuran	ND	10	µg/L								
Toluene	ND	1.0	µg/L								
1,2,3-Trichlorobenzene	ND	5.0	µg/L								
1,2,4-Trichlorobenzene	ND	1.0	µg/L								
1,3,5-Trichlorobenzene	ND	1.0	µg/L								
1,1,1-Trichloroethane	ND	1.0	µg/L								
1,1,2-Trichloroethane	ND	1.0	µg/L								
Trichloroethylene	ND	1.0	µg/L								
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	2.0	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L								
1,2,4-Trimethylbenzene	ND	1.0	µg/L								
1,3,5-Trimethylbenzene	ND	1.0	µg/L								
Vinyl Chloride	ND	2.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*25.1*		µg/L	25.0		100	70-130				
Surrogate: Toluene-d8	*24.6*		µg/L	25.0		98.3	70-130				
Surrogate: 4-Bromofluorobenzene	*24.1*		µg/L	25.0		96.5	70-130				
LCS (B095448-BS1)				Prepared & Analyzed: 05/09/14							
Acetone	87.9	50	µg/L	100		87.9	70-160				†
Acrylonitrile	10.5	5.0	µg/L	10.0		105	70-130				
tert-Amyl Methyl Ether (TAME)	9.28	0.50	µg/L	10.0		92.8	70-130				
Benzene	10.1	1.0	µg/L	10.0		101	70-130				
Bromobenzene	9.91	1.0	µg/L	10.0		99.1	70-130				
Bromochloromethane	10.4	1.0	µg/L	10.0		104	70-130				
Bromodichloromethane	9.67	0.50	µg/L	10.0		96.7	70-130				
Bromoform	9.39	1.0	µg/L	10.0		93.9	70-130				
Bromomethane	9.52	2.0	µg/L	10.0		95.2	40-160			V-20	†
2-Butanone (MEK)	91.1	20	µg/L	100		91.1	40-160				†
tert-Butyl Alcohol (TBA)	91.3	20	µg/L	100		91.3	40-160			V-16	†
n-Butylbenzene	10.9	1.0	µg/L	10.0		109	70-130				
sec-Butylbenzene	10.2	1.0	µg/L	10.0		102	70-130				
tert-Butylbenzene	10.0	1.0	µg/L	10.0		100	70-130				
tert-Butyl Ethyl Ether (TBEE)	9.89	0.50	µg/L	10.0		98.9	70-130				
Carbon Disulfide	8.40	4.0	µg/L	10.0		84.0	70-130				
Carbon Tetrachloride	10.0	5.0	µg/L	10.0		100	70-130				
Chlorobenzene	9.82	1.0	µg/L	10.0		98.2	70-130				
Chlorodibromomethane	9.93	0.50	µg/L	10.0		99.3	70-130				
Chloroethane	9.51	2.0	µg/L	10.0		95.1	70-130				
Chloroform	10.1	2.0	µg/L	10.0		101	70-130				
Chloromethane	7.91	2.0	µg/L	10.0		79.1	40-160				†
2-Chlorotoluene	9.77	1.0	µg/L	10.0		97.7	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B095448 - SW-846 5030B											
LCS (B095448-BS1)				Prepared & Analyzed: 05/09/14							
4-Chlorotoluene	10.3	1.0	µg/L	10.0		103	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	7.81	5.0	µg/L	10.0		78.1	70-130				
1,2-Dibromoethane (EDB)	10.3	0.50	µg/L	10.0		103	70-130				
Dibromomethane	10.2	1.0	µg/L	10.0		102	70-130				
1,2-Dichlorobenzene	10.3	1.0	µg/L	10.0		103	70-130				
1,3-Dichlorobenzene	10.1	1.0	µg/L	10.0		101	70-130				
1,4-Dichlorobenzene	10.2	1.0	µg/L	10.0		102	70-130				
trans-1,4-Dichloro-2-butene	9.91	2.0	µg/L	10.0		99.1	70-130				
Dichlorodifluoromethane (Freon 12)	8.45	2.0	µg/L	10.0		84.5	40-160				†
1,1-Dichloroethane	10.2	1.0	µg/L	10.0		102	70-130				
1,2-Dichloroethane	10.2	1.0	µg/L	10.0		102	70-130				
1,1-Dichloroethylene	9.92	1.0	µg/L	10.0		99.2	70-130				
cis-1,2-Dichloroethylene	9.62	1.0	µg/L	10.0		96.2	70-130				
trans-1,2-Dichloroethylene	11.1	1.0	µg/L	10.0		111	70-130				
1,2-Dichloropropane	10.0	1.0	µg/L	10.0		100	70-130				
1,3-Dichloropropane	10.2	0.50	µg/L	10.0		102	70-130				
2,2-Dichloropropane	8.11	1.0	µg/L	10.0		81.1	40-130				†
1,1-Dichloropropene	10.3	2.0	µg/L	10.0		103	70-130				
cis-1,3-Dichloropropene	8.99	0.50	µg/L	10.0		89.9	70-130				
trans-1,3-Dichloropropene	9.55	0.50	µg/L	10.0		95.5	70-130				
Diethyl Ether	10.3	2.0	µg/L	10.0		103	70-130				
Diisopropyl Ether (DIPE)	9.67	0.50	µg/L	10.0		96.7	70-130				
1,4-Dioxane	87.6	50	µg/L	100		87.6	40-130			V-05, V-16	†
Ethylbenzene	10.4	1.0	µg/L	10.0		104	70-130				
Hexachlorobutadiene	10.5	0.50	µg/L	10.0		105	70-130				
2-Hexanone (MBK)	97.0	10	µg/L	100		97.0	70-160				†
Isopropylbenzene (Cumene)	10.2	1.0	µg/L	10.0		102	70-130				
p-Isopropyltoluene (p-Cymene)	10.5	1.0	µg/L	10.0		105	70-130				
Methyl tert-Butyl Ether (MTBE)	10.8	1.0	µg/L	10.0		108	70-130				
Methylene Chloride	12.5	5.0	µg/L	10.0		125	70-130				
4-Methyl-2-pentanone (MIBK)	99.1	10	µg/L	100		99.1	70-160				†
Naphthalene	11.0	2.0	µg/L	10.0		110	40-130				†
n-Propylbenzene	10.4	1.0	µg/L	10.0		104	70-130				
Styrene	10.5	1.0	µg/L	10.0		105	70-130				
1,1,1,2-Tetrachloroethane	10.2	1.0	µg/L	10.0		102	70-130				
1,1,2,2-Tetrachloroethane	10.2	0.50	µg/L	10.0		102	70-130				
Tetrachloroethylene	10.6	1.0	µg/L	10.0		106	70-130				
Tetrahydrofuran	10.0	10	µg/L	10.0		100	70-130				
Toluene	10.2	1.0	µg/L	10.0		102	70-130				
1,2,3-Trichlorobenzene	10.4	5.0	µg/L	10.0		104	70-130				
1,2,4-Trichlorobenzene	9.97	1.0	µg/L	10.0		99.7	70-130				
1,3,5-Trichlorobenzene	9.54	1.0	µg/L	10.0		95.4	70-130				
1,1,1-Trichloroethane	10.1	1.0	µg/L	10.0		101	70-130				
1,1,2-Trichloroethane	10.3	1.0	µg/L	10.0		103	70-130				
Trichloroethylene	10.4	1.0	µg/L	10.0		104	70-130				
Trichlorofluoromethane (Freon 11)	10.4	2.0	µg/L	10.0		104	70-130				
1,2,3-Trichloropropane	10.9	2.0	µg/L	10.0		109	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1	1.0	µg/L	10.0		101	70-130				
1,2,4-Trimethylbenzene	10.4	1.0	µg/L	10.0		104	70-130				
1,3,5-Trimethylbenzene	10.4	1.0	µg/L	10.0		104	70-130				
Vinyl Chloride	8.87	2.0	µg/L	10.0		88.7	40-160				†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B095448 - SW-846 5030B											
LCS (B095448-BS1)				Prepared & Analyzed: 05/09/14							
m+p Xylene	20.9	2.0	µg/L	20.0		104	70-130				
o-Xylene	10.1	1.0	µg/L	10.0		101	70-130				
Surrogate: 1,2-Dichloroethane-d4	*24.8*		µg/L	25.0		99.4	70-130				
Surrogate: Toluene-d8	*24.8*		µg/L	25.0		99.4	70-130				
Surrogate: 4-Bromofluorobenzene	*24.7*		µg/L	25.0		98.8	70-130				
LCS Dup (B095448-BSD1)				Prepared & Analyzed: 05/09/14							
Acetone	90.6	50	µg/L	100		90.6	70-160	3.01	25		†
Acrylonitrile	11.1	5.0	µg/L	10.0		111	70-130	5.00	25		
tert-Amyl Methyl Ether (TAME)	9.73	0.50	µg/L	10.0		97.3	70-130	4.73	25		
Benzene	10.5	1.0	µg/L	10.0		105	70-130	4.66	25		
Bromobenzene	10.4	1.0	µg/L	10.0		104	70-130	4.54	25		
Bromochloromethane	10.8	1.0	µg/L	10.0		108	70-130	4.43	25		
Bromodichloromethane	9.96	0.50	µg/L	10.0		99.6	70-130	2.95	25		
Bromoform	9.60	1.0	µg/L	10.0		96.0	70-130	2.21	25		
Bromomethane	10.7	2.0	µg/L	10.0		107	40-160	11.8	25	V-20	†
2-Butanone (MEK)	96.3	20	µg/L	100		96.3	40-160	5.53	25		†
tert-Butyl Alcohol (TBA)	98.9	20	µg/L	100		98.9	40-160	8.02	25	V-16	†
n-Butylbenzene	11.2	1.0	µg/L	10.0		112	70-130	2.89	25		
sec-Butylbenzene	10.8	1.0	µg/L	10.0		108	70-130	5.33	25		
tert-Butylbenzene	10.5	1.0	µg/L	10.0		105	70-130	4.69	25		
tert-Butyl Ethyl Ether (TBEE)	10.4	0.50	µg/L	10.0		104	70-130	5.22	25		
Carbon Disulfide	8.66	4.0	µg/L	10.0		86.6	70-130	3.05	25		
Carbon Tetrachloride	10.6	5.0	µg/L	10.0		106	70-130	5.05	25		
Chlorobenzene	10.3	1.0	µg/L	10.0		103	70-130	4.48	25		
Chlorodibromomethane	10.4	0.50	µg/L	10.0		104	70-130	4.82	25		
Chloroethane	10.0	2.0	µg/L	10.0		100	70-130	5.42	25		
Chloroform	10.5	2.0	µg/L	10.0		105	70-130	3.87	25		
Chloromethane	8.42	2.0	µg/L	10.0		84.2	40-160	6.25	25		†
2-Chlorotoluene	10.2	1.0	µg/L	10.0		102	70-130	3.91	25		
4-Chlorotoluene	10.6	1.0	µg/L	10.0		106	70-130	2.78	25		
1,2-Dibromo-3-chloropropane (DBCP)	8.36	5.0	µg/L	10.0		83.6	70-130	6.80	25		
1,2-Dibromoethane (EDB)	10.9	0.50	µg/L	10.0		109	70-130	5.58	25		
Dibromomethane	10.6	1.0	µg/L	10.0		106	70-130	3.64	25		
1,2-Dichlorobenzene	10.6	1.0	µg/L	10.0		106	70-130	3.35	25		
1,3-Dichlorobenzene	10.5	1.0	µg/L	10.0		105	70-130	4.38	25		
1,4-Dichlorobenzene	10.7	1.0	µg/L	10.0		107	70-130	4.67	25		
trans-1,4-Dichloro-2-butene	10.2	2.0	µg/L	10.0		102	70-130	2.69	25		
Dichlorodifluoromethane (Freon 12)	9.00	2.0	µg/L	10.0		90.0	40-160	6.30	25		†
1,1-Dichloroethane	10.9	1.0	µg/L	10.0		109	70-130	6.45	25		
1,2-Dichloroethane	10.8	1.0	µg/L	10.0		108	70-130	5.44	25		
1,1-Dichloroethylene	10.4	1.0	µg/L	10.0		104	70-130	4.92	25		
cis-1,2-Dichloroethylene	10.1	1.0	µg/L	10.0		101	70-130	4.57	25		
trans-1,2-Dichloroethylene	11.7	1.0	µg/L	10.0		117	70-130	5.10	25		
1,2-Dichloropropane	10.4	1.0	µg/L	10.0		104	70-130	3.52	25		
1,3-Dichloropropane	10.5	0.50	µg/L	10.0		105	70-130	3.48	25		
2,2-Dichloropropane	8.48	1.0	µg/L	10.0		84.8	40-130	4.46	25		†
1,1-Dichloropropene	10.9	2.0	µg/L	10.0		109	70-130	5.64	25		
cis-1,3-Dichloropropene	9.40	0.50	µg/L	10.0		94.0	70-130	4.46	25		
trans-1,3-Dichloropropene	9.99	0.50	µg/L	10.0		99.9	70-130	4.50	25		
Diethyl Ether	10.4	2.0	µg/L	10.0		104	70-130	0.580	25		
Diisopropyl Ether (DIPE)	10.1	0.50	µg/L	10.0		101	70-130	4.75	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B095448 - SW-846 5030B											
LCS Dup (B095448-BSD1)				Prepared & Analyzed: 05/09/14							
1,4-Dioxane	97.8	50	µg/L	100		97.8	40-130	11.0	50	V-05, V-16	† ‡
Ethylbenzene	10.9	1.0	µg/L	10.0		109	70-130	4.60	25		
Hexachlorobutadiene	10.9	0.50	µg/L	10.0		109	70-130	3.54	25		
2-Hexanone (MBK)	101	10	µg/L	100		101	70-160	4.42	25		†
Isopropylbenzene (Cumene)	10.6	1.0	µg/L	10.0		106	70-130	4.05	25		
p-Isopropyltoluene (p-Cymene)	11.0	1.0	µg/L	10.0		110	70-130	4.76	25		
Methyl tert-Butyl Ether (MTBE)	11.2	1.0	µg/L	10.0		112	70-130	3.28	25		
Methylene Chloride	13.0	5.0	µg/L	10.0		130	70-130	3.84	25		
4-Methyl-2-pentanone (MIBK)	103	10	µg/L	100		103	70-160	4.22	25		†
Naphthalene	11.0	2.0	µg/L	10.0		110	40-130	0.456	25		†
n-Propylbenzene	10.8	1.0	µg/L	10.0		108	70-130	3.96	25		
Styrene	10.7	1.0	µg/L	10.0		107	70-130	2.45	25		
1,1,1,2-Tetrachloroethane	10.7	1.0	µg/L	10.0		107	70-130	4.88	25		
1,1,2,2-Tetrachloroethane	10.6	0.50	µg/L	10.0		106	70-130	4.14	25		
Tetrachloroethylene	11.0	1.0	µg/L	10.0		110	70-130	3.80	25		
Tetrahydrofuran	10.7	10	µg/L	10.0		107	70-130	6.56	25		
Toluene	10.6	1.0	µg/L	10.0		106	70-130	3.64	25		
1,2,3-Trichlorobenzene	10.1	5.0	µg/L	10.0		101	70-130	2.54	25		
1,2,4-Trichlorobenzene	9.88	1.0	µg/L	10.0		98.8	70-130	0.907	25		
1,3,5-Trichlorobenzene	9.72	1.0	µg/L	10.0		97.2	70-130	1.87	25		
1,1,1-Trichloroethane	10.7	1.0	µg/L	10.0		107	70-130	5.97	25		
1,1,2-Trichloroethane	10.7	1.0	µg/L	10.0		107	70-130	3.62	25		
Trichloroethylene	11.1	1.0	µg/L	10.0		111	70-130	6.22	25		
Trichlorofluoromethane (Freon 11)	11.0	2.0	µg/L	10.0		110	70-130	5.04	25		
1,2,3-Trichloropropane	11.1	2.0	µg/L	10.0		111	70-130	1.55	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5	1.0	µg/L	10.0		105	70-130	4.18	25		
1,2,4-Trimethylbenzene	11.0	1.0	µg/L	10.0		110	70-130	5.24	25		
1,3,5-Trimethylbenzene	10.8	1.0	µg/L	10.0		108	70-130	3.49	25		
Vinyl Chloride	9.35	2.0	µg/L	10.0		93.5	40-160	5.27	25		†
m+p Xylene	21.6	2.0	µg/L	20.0		108	70-130	3.34	25		
o-Xylene	10.5	1.0	µg/L	10.0		105	70-130	3.50	25		
Surrogate: 1,2-Dichloroethane-d4	*25.1*		µg/L	25.0		100	70-130				
Surrogate: Toluene-d8	*24.9*		µg/L	25.0		99.6	70-130				
Surrogate: 4-Bromofluorobenzene	*24.8*		µg/L	25.0		99.3	70-130				
Batch B095514 - SW-846 5030B											
Blank (B095514-BLK1)				Prepared: 05/10/14 Analyzed: 05/13/14							
Acetone	ND	50	µg/L								
Acrylonitrile	ND	5.0	µg/L								
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L								
Benzene	ND	1.0	µg/L								
Bromobenzene	ND	1.0	µg/L								
Bromochloromethane	ND	1.0	µg/L								
Bromodichloromethane	ND	0.50	µg/L								
Bromoform	ND	1.0	µg/L								
Bromomethane	ND	2.0	µg/L								
2-Butanone (MEK)	ND	20	µg/L								
tert-Butyl Alcohol (TBA)	ND	20	µg/L							V-16	
n-Butylbenzene	ND	1.0	µg/L								
sec-Butylbenzene	ND	1.0	µg/L								
tert-Butylbenzene	ND	1.0	µg/L								

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B095514 - SW-846 5030B										
Blank (B095514-BLK1)				Prepared: 05/10/14 Analyzed: 05/13/14						
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	4.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							V-05
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							V-05
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							V-05
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,3,5-Trichlorobenzene	ND	1.0	µg/L							V-05
1,1,1-Trichloroethane	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B095514 - SW-846 5030B											
Blank (B095514-BLK1)				Prepared: 05/10/14 Analyzed: 05/13/14							
1,1,2-Trichloroethane	ND	1.0	µg/L								
Trichloroethylene	ND	1.0	µg/L								
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	2.0	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L								
1,2,4-Trimethylbenzene	ND	1.0	µg/L								
1,3,5-Trimethylbenzene	ND	1.0	µg/L								
Vinyl Chloride	ND	2.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*25.5*		µg/L	25.0		102	70-130				
Surrogate: Toluene-d8	*24.5*		µg/L	25.0		98.1	70-130				
Surrogate: 4-Bromofluorobenzene	*23.8*		µg/L	25.0		95.2	70-130				
LCS (B095514-BS1)				Prepared: 05/10/14 Analyzed: 05/13/14							
Acetone	94.4	50	µg/L	100		94.4	70-160				†
Acrylonitrile	12.3	5.0	µg/L	10.0		123	70-130				
tert-Amyl Methyl Ether (TAME)	9.72	0.50	µg/L	10.0		97.2	70-130				
Benzene	11.5	1.0	µg/L	10.0		115	70-130				
Bromobenzene	10.6	1.0	µg/L	10.0		106	70-130				
Bromochloromethane	11.5	1.0	µg/L	10.0		115	70-130				
Bromodichloromethane	10.2	0.50	µg/L	10.0		102	70-130				
Bromoform	9.06	1.0	µg/L	10.0		90.6	70-130				
Bromomethane	7.58	2.0	µg/L	10.0		75.8	40-160			V-20	†
2-Butanone (MEK)	105	20	µg/L	100		105	40-160				†
tert-Butyl Alcohol (TBA)	104	20	µg/L	100		104	40-160			V-16	†
n-Butylbenzene	9.17	1.0	µg/L	10.0		91.7	70-130				
sec-Butylbenzene	9.72	1.0	µg/L	10.0		97.2	70-130				
tert-Butylbenzene	10.0	1.0	µg/L	10.0		100	70-130				
tert-Butyl Ethyl Ether (TBEE)	10.7	0.50	µg/L	10.0		107	70-130				
Carbon Disulfide	7.68	4.0	µg/L	10.0		76.8	70-130				
Carbon Tetrachloride	10.9	5.0	µg/L	10.0		109	70-130				
Chlorobenzene	10.7	1.0	µg/L	10.0		107	70-130				
Chlorodibromomethane	10.3	0.50	µg/L	10.0		103	70-130				
Chloroethane	9.95	2.0	µg/L	10.0		99.5	70-130				
Chloroform	11.4	2.0	µg/L	10.0		114	70-130				
Chloromethane	7.78	2.0	µg/L	10.0		77.8	40-160				†
2-Chlorotoluene	10.2	1.0	µg/L	10.0		102	70-130				
4-Chlorotoluene	10.6	1.0	µg/L	10.0		106	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	7.52	5.0	µg/L	10.0		75.2	70-130			V-05	
1,2-Dibromoethane (EDB)	11.2	0.50	µg/L	10.0		112	70-130				
Dibromomethane	11.1	1.0	µg/L	10.0		111	70-130				
1,2-Dichlorobenzene	10.7	1.0	µg/L	10.0		107	70-130				
1,3-Dichlorobenzene	10.5	1.0	µg/L	10.0		105	70-130				
1,4-Dichlorobenzene	10.7	1.0	µg/L	10.0		107	70-130				
trans-1,4-Dichloro-2-butene	9.57	2.0	µg/L	10.0		95.7	70-130				
Dichlorodifluoromethane (Freon 12)	7.18	2.0	µg/L	10.0		71.8	40-160				†
1,1-Dichloroethane	11.5	1.0	µg/L	10.0		115	70-130				
1,2-Dichloroethane	11.5	1.0	µg/L	10.0		115	70-130				
1,1-Dichloroethylene	10.5	1.0	µg/L	10.0		105	70-130				
cis-1,2-Dichloroethylene	10.6	1.0	µg/L	10.0		106	70-130				
trans-1,2-Dichloroethylene	12.4	1.0	µg/L	10.0		124	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B095514 - SW-846 5030B												
LCS (B095514-BS1)				Prepared: 05/10/14 Analyzed: 05/13/14								
1,2-Dichloropropane	11.0	1.0	µg/L	10.0		110		70-130				
1,3-Dichloropropane	11.1	0.50	µg/L	10.0		111		70-130				
2,2-Dichloropropane	6.22	1.0	µg/L	10.0		62.2		40-130			V-05	†
1,1-Dichloropropene	11.6	2.0	µg/L	10.0		116		70-130				
cis-1,3-Dichloropropene	8.82	0.50	µg/L	10.0		88.2		70-130				
trans-1,3-Dichloropropene	9.12	0.50	µg/L	10.0		91.2		70-130				
Diethyl Ether	10.8	2.0	µg/L	10.0		108		70-130				
Diisopropyl Ether (DIPE)	10.9	0.50	µg/L	10.0		109		70-130				
1,4-Dioxane	118	50	µg/L	100		118		40-130			V-16	†
Ethylbenzene	11.2	1.0	µg/L	10.0		112		70-130				
Hexachlorobutadiene	8.64	0.50	µg/L	10.0		86.4		70-130			V-05	
2-Hexanone (MBK)	106	10	µg/L	100		106		70-160				†
Isopropylbenzene (Cumene)	10.6	1.0	µg/L	10.0		106		70-130				
p-Isopropyltoluene (p-Cymene)	9.90	1.0	µg/L	10.0		99.0		70-130				
Methyl tert-Butyl Ether (MTBE)	11.5	1.0	µg/L	10.0		115		70-130				
Methylene Chloride	13.4	5.0	µg/L	10.0		**134**	*	70-130			L-07	
4-Methyl-2-pentanone (MIBK)	110	10	µg/L	100		110		70-160				†
Naphthalene	9.73	2.0	µg/L	10.0		97.3		40-130				†
n-Propylbenzene	10.5	1.0	µg/L	10.0		105		70-130				
Styrene	11.2	1.0	µg/L	10.0		112		70-130				
1,1,1,2-Tetrachloroethane	10.4	1.0	µg/L	10.0		104		70-130				
1,1,2,2-Tetrachloroethane	11.0	0.50	µg/L	10.0		110		70-130				
Tetrachloroethylene	11.3	1.0	µg/L	10.0		113		70-130				
Tetrahydrofuran	11.3	10	µg/L	10.0		113		70-130				
Toluene	11.5	1.0	µg/L	10.0		115		70-130				
1,2,3-Trichlorobenzene	8.62	5.0	µg/L	10.0		86.2		70-130				
1,2,4-Trichlorobenzene	8.34	1.0	µg/L	10.0		83.4		70-130				
1,3,5-Trichlorobenzene	7.86	1.0	µg/L	10.0		78.6		70-130			V-05	
1,1,1-Trichloroethane	11.2	1.0	µg/L	10.0		112		70-130				
1,1,2-Trichloroethane	11.3	1.0	µg/L	10.0		113		70-130				
Trichloroethylene	11.5	1.0	µg/L	10.0		115		70-130				
Trichlorofluoromethane (Freon 11)	11.7	2.0	µg/L	10.0		117		70-130				
1,2,3-Trichloropropane	11.5	2.0	µg/L	10.0		115		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4	1.0	µg/L	10.0		104		70-130				
1,2,4-Trimethylbenzene	10.8	1.0	µg/L	10.0		108		70-130				
1,3,5-Trimethylbenzene	10.6	1.0	µg/L	10.0		106		70-130				
Vinyl Chloride	8.94	2.0	µg/L	10.0		89.4		40-160				†
m+p Xylene	22.4	2.0	µg/L	20.0		112		70-130				
o-Xylene	10.9	1.0	µg/L	10.0		109		70-130				
Surrogate: 1,2-Dichloroethane-d4	*25.1*		µg/L	25.0		101		70-130				
Surrogate: Toluene-d8	*24.6*		µg/L	25.0		98.4		70-130				
Surrogate: 4-Bromofluorobenzene	*24.5*		µg/L	25.0		98.0		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B095514 - SW-846 5030B											
LCS Dup (B095514-BSD1)				Prepared: 05/10/14 Analyzed: 05/13/14							
Acetone	120	50	µg/L	100		120	70-160	23.8	25		†
Acrylonitrile	10.5	5.0	µg/L	10.0		105	70-130	16.1	25		
tert-Amyl Methyl Ether (TAME)	9.60	0.50	µg/L	10.0		96.0	70-130	1.24	25		
Benzene	11.0	1.0	µg/L	10.0		110	70-130	4.55	25		
Bromobenzene	10.4	1.0	µg/L	10.0		104	70-130	2.57	25		
Bromochloromethane	11.2	1.0	µg/L	10.0		112	70-130	2.74	25		
Bromodichloromethane	9.87	0.50	µg/L	10.0		98.7	70-130	3.39	25		
Bromoform	8.82	1.0	µg/L	10.0		88.2	70-130	2.68	25		
Bromomethane	9.27	2.0	µg/L	10.0		92.7	40-160	20.1	25	V-20	†
2-Butanone (MEK)	107	20	µg/L	100		107	40-160	1.68	25		†
tert-Butyl Alcohol (TBA)	108	20	µg/L	100		108	40-160	4.14	25	V-16	†
n-Butylbenzene	8.45	1.0	µg/L	10.0		84.5	70-130	8.17	25		
sec-Butylbenzene	9.06	1.0	µg/L	10.0		90.6	70-130	7.03	25		
tert-Butylbenzene	9.34	1.0	µg/L	10.0		93.4	70-130	7.02	25		
tert-Butyl Ethyl Ether (TBEE)	10.3	0.50	µg/L	10.0		103	70-130	3.92	25		
Carbon Disulfide	8.89	4.0	µg/L	10.0		88.9	70-130	14.6	25		
Carbon Tetrachloride	10.0	5.0	µg/L	10.0		100	70-130	8.34	25		
Chlorobenzene	10.2	1.0	µg/L	10.0		102	70-130	4.98	25		
Chlorodibromomethane	10.2	0.50	µg/L	10.0		102	70-130	1.47	25		
Chloroethane	11.2	2.0	µg/L	10.0		112	70-130	11.6	25		
Chloroform	10.9	2.0	µg/L	10.0		109	70-130	5.20	25		
Chloromethane	7.56	2.0	µg/L	10.0		75.6	40-160	2.87	25		†
2-Chlorotoluene	9.71	1.0	µg/L	10.0		97.1	70-130	4.53	25		
4-Chlorotoluene	10.2	1.0	µg/L	10.0		102	70-130	4.03	25		
1,2-Dibromo-3-chloropropane (DBCP)	7.44	5.0	µg/L	10.0		74.4	70-130	1.07	25	V-05	
1,2-Dibromoethane (EDB)	11.3	0.50	µg/L	10.0		113	70-130	0.355	25		
Dibromomethane	11.3	1.0	µg/L	10.0		113	70-130	1.25	25		
1,2-Dichlorobenzene	10.2	1.0	µg/L	10.0		102	70-130	4.69	25		
1,3-Dichlorobenzene	9.84	1.0	µg/L	10.0		98.4	70-130	6.20	25		
1,4-Dichlorobenzene	10.3	1.0	µg/L	10.0		103	70-130	4.29	25		
trans-1,4-Dichloro-2-butene	9.50	2.0	µg/L	10.0		95.0	70-130	0.734	25		
Dichlorodifluoromethane (Freon 12)	6.75	2.0	µg/L	10.0		67.5	40-160	6.17	25		†
1,1-Dichloroethane	11.1	1.0	µg/L	10.0		111	70-130	3.01	25		
1,2-Dichloroethane	11.3	1.0	µg/L	10.0		113	70-130	2.19	25		
1,1-Dichloroethylene	11.9	1.0	µg/L	10.0		119	70-130	12.0	25		
cis-1,2-Dichloroethylene	10.1	1.0	µg/L	10.0		101	70-130	4.75	25		
trans-1,2-Dichloroethylene	10.1	1.0	µg/L	10.0		101	70-130	20.2	25		
1,2-Dichloropropane	10.8	1.0	µg/L	10.0		108	70-130	2.02	25		
1,3-Dichloropropane	11.1	0.50	µg/L	10.0		111	70-130	0.0902	25		
2,2-Dichloropropane	5.65	1.0	µg/L	10.0		56.5	40-130	9.60	25	V-05	†
1,1-Dichloropropene	11.0	2.0	µg/L	10.0		110	70-130	5.56	25		
cis-1,3-Dichloropropene	8.54	0.50	µg/L	10.0		85.4	70-130	3.23	25		
trans-1,3-Dichloropropene	8.91	0.50	µg/L	10.0		89.1	70-130	2.33	25		
Diethyl Ether	12.9	2.0	µg/L	10.0		129	70-130	17.7	25		
Diisopropyl Ether (DIPE)	10.5	0.50	µg/L	10.0		105	70-130	3.36	25		
1,4-Dioxane	114	50	µg/L	100		114	40-130	3.48	50	V-16	† ‡
Ethylbenzene	10.7	1.0	µg/L	10.0		107	70-130	4.48	25		
Hexachlorobutadiene	8.14	0.50	µg/L	10.0		81.4	70-130	5.96	25	V-05	
2-Hexanone (MBK)	109	10	µg/L	100		109	70-160	2.60	25		†
Isopropylbenzene (Cumene)	10.1	1.0	µg/L	10.0		101	70-130	4.55	25		
p-Isopropyltoluene (p-Cymene)	9.14	1.0	µg/L	10.0		91.4	70-130	7.98	25		
Methyl tert-Butyl Ether (MTBE)	10.6	1.0	µg/L	10.0		106	70-130	8.33	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B095514 - SW-846 5030B											
LCS Dup (B095514-BSD1)				Prepared: 05/10/14 Analyzed: 05/13/14							
Methylene Chloride	10.9	5.0	µg/L	10.0		109	70-130	20.7	25		
4-Methyl-2-pentanone (MIBK)	112	10	µg/L	100		112	70-160	2.07	25		†
Naphthalene	9.64	2.0	µg/L	10.0		96.4	40-130	0.929	25		†
n-Propylbenzene	9.96	1.0	µg/L	10.0		99.6	70-130	5.28	25		
Styrene	10.7	1.0	µg/L	10.0		107	70-130	4.02	25		
1,1,1,2-Tetrachloroethane	9.97	1.0	µg/L	10.0		99.7	70-130	4.41	25		
1,1,2,2-Tetrachloroethane	11.2	0.50	µg/L	10.0		112	70-130	1.53	25		
Tetrachloroethylene	10.8	1.0	µg/L	10.0		108	70-130	4.61	25		
Tetrahydrofuran	11.7	10	µg/L	10.0		117	70-130	3.91	25		
Toluene	10.9	1.0	µg/L	10.0		109	70-130	5.08	25		
1,2,3-Trichlorobenzene	8.53	5.0	µg/L	10.0		85.3	70-130	1.05	25		
1,2,4-Trichlorobenzene	8.18	1.0	µg/L	10.0		81.8	70-130	1.94	25		
1,3,5-Trichlorobenzene	7.37	1.0	µg/L	10.0		73.7	70-130	6.43	25	V-05	
1,1,1-Trichloroethane	10.4	1.0	µg/L	10.0		104	70-130	6.76	25		
1,1,2-Trichloroethane	11.3	1.0	µg/L	10.0		113	70-130	0.531	25		
Trichloroethylene	11.0	1.0	µg/L	10.0		110	70-130	4.89	25		
Trichlorofluoromethane (Freon 11)	11.6	2.0	µg/L	10.0		116	70-130	1.03	25		
1,2,3-Trichloropropane	11.8	2.0	µg/L	10.0		118	70-130	2.40	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.8	1.0	µg/L	10.0		118	70-130	12.3	25		
1,2,4-Trimethylbenzene	10.2	1.0	µg/L	10.0		102	70-130	5.63	25		
1,3,5-Trimethylbenzene	9.96	1.0	µg/L	10.0		99.6	70-130	5.75	25		
Vinyl Chloride	9.01	2.0	µg/L	10.0		90.1	40-160	0.780	25		†
m+p Xylene	21.2	2.0	µg/L	20.0		106	70-130	5.49	25		
o-Xylene	10.4	1.0	µg/L	10.0		104	70-130	4.69	25		
Surrogate: 1,2-Dichloroethane-d4	*25.2*		µg/L	25.0		101	70-130				
Surrogate: Toluene-d8	*24.8*		µg/L	25.0		99.3	70-130				
Surrogate: 4-Bromofluorobenzene	*24.7*		µg/L	25.0		98.9	70-130				

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
DL-01	Elevated reporting limits for all volatile compounds due to foaming sample matrix.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
RL-11	Elevated reporting limit due to high concentration of target compounds.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Acetone	CT,NY,ME,NH,VA,NJ
Acrylonitrile	CT,NY,ME,NH,VA,NJ
tert-Amyl Methyl Ether (TAME)	NY,ME,NH,VA,NJ
Benzene	CT,NY,ME,NH,VA,NJ
Bromochloromethane	NY,ME,NH,VA,NJ
Bromodichloromethane	CT,NY,ME,NH,VA,NJ
Bromoform	CT,NY,ME,NH,VA,NJ
Bromomethane	CT,NY,ME,NH,VA,NJ
2-Butanone (MEK)	CT,NY,ME,NH,VA,NJ
tert-Butyl Alcohol (TBA)	NY,ME,NH,VA,NJ
n-Butylbenzene	NY,ME,VA,NJ
sec-Butylbenzene	NY,ME,VA,NJ
tert-Butylbenzene	NY,ME,VA,NJ
tert-Butyl Ethyl Ether (TBEE)	NY,ME,NH,VA,NJ
Carbon Disulfide	CT,NY,ME,NH,VA,NJ
Carbon Tetrachloride	CT,NY,ME,NH,VA,NJ
Chlorobenzene	CT,NY,ME,NH,VA,NJ
Chlorodibromomethane	CT,NY,ME,NH,VA,NJ
Chloroethane	CT,NY,ME,NH,VA,NJ
Chloroform	CT,NY,ME,NH,VA,NJ
Chloromethane	CT,NY,ME,NH,VA,NJ
2-Chlorotoluene	NY,ME,NH,VA,NJ
4-Chlorotoluene	NY,ME,NH,VA,NJ
Dibromomethane	NY,ME,NH,VA,NJ
1,2-Dichlorobenzene	CT,NY,ME,NH,VA,NJ
1,3-Dichlorobenzene	CT,NY,ME,NH,VA,NJ
1,4-Dichlorobenzene	CT,NY,ME,NH,VA,NJ
trans-1,4-Dichloro-2-butene	NY,ME,NH,VA,NJ
Dichlorodifluoromethane (Freon 12)	NY,ME,NH,VA,NJ
1,1-Dichloroethane	CT,NY,ME,NH,VA,NJ
1,2-Dichloroethane	CT,NY,ME,NH,VA,NJ
1,1-Dichloroethylene	CT,NY,ME,NH,VA,NJ
cis-1,2-Dichloroethylene	NY,ME,NJ
trans-1,2-Dichloroethylene	CT,NY,ME,NH,VA,NJ
1,2-Dichloropropane	CT,NY,ME,NH,VA,NJ
1,3-Dichloropropane	NY,ME,VA,NJ
2,2-Dichloropropane	NY,ME,NH,VA,NJ
1,1-Dichloropropene	NY,ME,NH,VA,NJ
cis-1,3-Dichloropropene	CT,NY,ME,NH,VA,NJ
trans-1,3-Dichloropropene	CT,NY,ME,NH,VA,NJ
Diisopropyl Ether (DIPE)	NY,ME,NH,VA,NJ
Ethylbenzene	CT,NY,ME,NH,VA,NJ
Hexachlorobutadiene	CT,NY,ME,NH,VA,NJ
2-Hexanone (MBK)	CT,NY,ME,NH,VA,NJ
Isopropylbenzene (Cumene)	NY,ME,VA,NJ
p-Isopropyltoluene (p-Cymene)	CT,NY,ME,NH,VA,NJ
Methyl tert-Butyl Ether (MTBE)	CT,NY,ME,NH,VA,NJ

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Methylene Chloride	CT,NY,ME,NH,VA,NJ
4-Methyl-2-pentanone (MIBK)	CT,NY,ME,NH,VA,NJ
Naphthalene	NY,ME,NH,VA,NJ
n-Propylbenzene	CT,NY,ME,NH,VA,NJ
Styrene	CT,NY,ME,NH,VA,NJ
1,1,1,2-Tetrachloroethane	CT,NY,ME,NH,VA,NJ
1,1,2,2-Tetrachloroethane	CT,NY,ME,NH,VA,NJ
Tetrachloroethylene	CT,NY,ME,NH,VA,NJ
Toluene	CT,NY,ME,NH,VA,NJ
1,2,3-Trichlorobenzene	NY,ME,NH,VA,NJ
1,2,4-Trichlorobenzene	CT,NY,ME,NH,VA,NJ
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NY,ME,NH,VA,NJ
1,1,2-Trichloroethane	CT,NY,ME,NH,VA,NJ
Trichloroethylene	CT,NY,ME,NH,VA,NJ
Trichlorofluoromethane (Freon 11)	CT,NY,ME,NH,VA,NJ
1,2,3-Trichloropropane	NY,ME,NH,VA,NJ
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY,VA,NJ
1,2,4-Trimethylbenzene	NY,ME,VA,NJ
1,3,5-Trimethylbenzene	NY,ME,VA,NJ
Vinyl Chloride	CT,NY,ME,NH,VA,NJ
m+p Xylene	CT,NY,ME,NH,VA
o-Xylene	CT,NY,ME,NH,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2014
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2015
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2015
RI	Rhode Island Department of Health	LAO00112	12/30/2014
NC	North Carolina Div. of Water Quality	652	12/31/2014
NJ	New Jersey DEP	MA007 NELAP	06/30/2014
FL	Florida Department of Health	E871027 NELAP	06/30/2014
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2014
WA	State of Washington Department of Ecology	C2065	02/23/2015
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2014
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2014

CHAIN OF CUSTODY RECORD

con-test ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

14E0134
Rev 04.05.12

Company Name:	CB&I Environmental
Address:	150 Royall Street Canton, MA 02021
Attention:	Ed VanDoren
Project Location:	Textron/Providence, RI
Sampled By:	Daniel Leahy

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Telephone: 617-589-4030
Project #: 130274
Client PO#: 835493

DATA DELIVERY (check all that apply)
○ FAX ● EMAIL ○ WEBSITE
Fax #:
Email: Edward.Vandoren@cbi.com
Format: ○ PDF ○ EXCEL ○ GIS
● OTHER GISKey format
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	VOCs by EPA 8260B	TPH	Dissolved Lead
								3 2 1	H I N	V A P	
01	MW-207D	5/1/14	0700		G	GW		3			
02	MW-207S	5/1/14	0730					3			
03	MW-202S	5/1/14	0800					3			
04	MW-202D	5/1/14	0830					3			
05	MW-101S	5/1/14	0900					3			
06	MW-101S DUP	5/1/14	0900					3			
07	MW-101D	5/1/14	0930					3			
08	MW-209	5/1/14	1000					3			
09	MW-112	5/1/14	1030					3			
10	MW-201D	5/1/14	1100					3			

ANALYSIS REQUESTED

Dissolved Meta
● Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfa
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL= sludge
O = other_____

Comments: Lead samples are field filtered.
Please email GISKey formatted & PDF of report to:
Edward.Vandoren@CBI.com and
Catherine.Joe@CBI.com.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)		Date/Time: 0530 5/5/14
Received by: (signature)		Date/Time: 09:50
Relinquished by: (signature)		Date/Time: 15:15
Received by: (signature)	4.8 5.5.14	Date/Time: 15.15

Turnaround ††
☐ 7-Day
☐ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

CHAIN OF CUSTODY RECORD

14E0134

Rev 04.05.12

con-test ANALYTICAL LABORATORY
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Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

Company Name: CB&I Environmental
Address: 150 Royall Street
Canton, MA 02021
Attention: Ed VanDoren
Project Location: Textron/Providence, RI
Sampled By: Daniel Leahy

Telephone: 617-589-4030
Project # 130274
Client PO# 835493

DATA DELIVERY (check all that apply)
○ FAX ● EMAIL ○ WEBSITE
Fax #
Email: Edward.VanDoren@CBI.com
Format: ○ PDF ○ EXCEL ○ GIS ● OTHER GISKey format ○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	VOCs by EPA 8260B	TPH	Dissolved Lead
11	MW-218S	5/1/14	1130		G	GW	~~B~~	3	H	V	3		
12	MW-218D	5/1/14	1230					3	H	V	3		
13	MW-216S	5/1/14	1300					3	H	V	3		
14	MW-216D	5/1/14	1330					3	H	V	3		
15	MW-217S	5/1/14	1430					3	H	V	3		
16	MW-217D	5/1/14	1530					3	H	V	3		
17	TRIP BLANK LOT # BP1-077			BTEX		O		3	H	V	3		
						GW							

ANALYSIS REQUESTED

Dissolved Metals
● Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfa
X = Na hydroxide
T = Na thiosulfate
O = Other _____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other LAB WATER

Comments: Lead samples are field filtered.
Please email GISKey formatted EDD & PDF of report to:
Edward.VanDoren@CBI.com and Catherine.Joe@CBI.com.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)		Date/Time: 5/5/14 0826
Received by: (signature)	5/5/14	Date/Time: 09:50
Relinquished by: (signature)	5/5/14	Date/Time: 15:10
Received by: (signature)	4.8 5.5.14	Date/Time: 15:10

Turnaround ††
☐ 7-Day
☐ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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East Longmeadow, MA. 01028
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www.contestlabs.com

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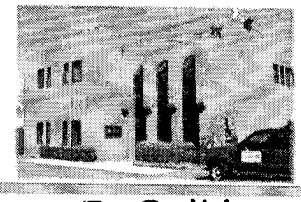

Sample Receipt Checklist

CLIENT NAME: CB+I RECEIVED BY: PB DATE: 5.5.14

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No No CoC Included

2) **Does the chain agree with the samples?** (Yes) No
If not, explain:

3) **Are all the samples in good condition?** (Yes) No
If not, explain:

4) **How were the samples received:**
On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 4.8

5) **Are there Dissolved samples for the lab to filter?** Yes (No)
Who was notified _____ Date _____ Time _____

6) **Are there any RUSH or SHORT HOLDING TIME samples?** Yes (No)
Who was notified _____ Date _____ Time _____

7) **Location where samples are stored:** Log in

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) **Do all samples have the proper Acid pH:** Yes No (N/A) _____

9) **Do all samples have the proper Base pH:** Yes No (N/A) _____

10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below	51	Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl 51 # Methanol _____ Time and Date Frozen:
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)
Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	T	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	T	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements? **Date/Time:**

Log-In Technician Initials: PB **Date/Time:** 5.5.14 15:15

con-test®
ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

April 21, 2014

Edward Van Doren
CB&I Env. & Infrastructure - MA
150 Royall Street
Canton, MA 02021

Project Location: 130274 - Providence, RI - CO#501
Client Job Number:
Project Number: 130274
Laboratory Work Order Number: 14D0213

Enclosed are results of analyses for samples received by the laboratory on April 7, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James M. Georgantas
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CB&I Env. & Infrastructure - MA
150 Royall Street
Canton, MA 02021
ATTN: Edward Van Doren

REPORT DATE: 4/21/2014

PURCHASE ORDER NUMBER: 835493-000 OP

PROJECT NUMBER: 130274

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14D0213

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 130274 - Providence, RI - CO#501

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-112	14D0213-01	Ground Water		SW-846 8260C	
MW-116D	14D0213-02	Ground Water		SW-846 8260C	
MW-116S	14D0213-03	Ground Water		SW-846 8260C	
Trip Blank	14D0213-04	Trip Blank Water		SW-846 8260C	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8260C

Qualifications:

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

1,4-Dioxane, Methylene Chloride

B093347-BSD1, B093347-BS1

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene

B093347-BS1

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene, Naphthalene

14D0213-01[MW-112], 14D0213-02[MW-116D], 14D0213-03[MW-116S], 14D0213-04[Trip Blank], B093347-BLK1, B093347-BS1, B093347-BSD1

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

14D0213-01[MW-112]

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:

1,4-Dioxane, tert-Butyl Alcohol (TBA), Tetrahydrofuran

14D0213-01[MW-112], 14D0213-02[MW-116D], 14D0213-03[MW-116S], 14D0213-04[Trip Blank], B093347-BLK1, B093347-BS1, B093347-BSD1

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

1,4-Dioxane, 2-Butanone (MEK), 2-Hexanone (MBK), Acetone, Bromochloromethane, Methylene Chloride, Tetrahydrofuran

B093347-BS1, B093347-BSD1

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The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 130274 - Providence, RI - CO#50 Sample Description: Work Order: 14D0213

Date Received: 4/7/2014

Field Sample #: MW-112 Sampled: 4/4/2014 06:30

Sample ID: 14D0213-01

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	1000	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
Acrylonitrile	ND	100	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
tert-Amyl Methyl Ether (TAME)	ND	10	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
Benzene	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
Bromobenzene	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
Bromochloromethane	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
Bromodichloromethane	ND	10	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
Bromoform	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
Bromomethane	ND	40	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
2-Butanone (MEK)	ND	400	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
tert-Butyl Alcohol (TBA)	ND	400	µg/L	20	V-16	SW-846 8260C	4/8/14	4/9/14 2:26	EEH
n-Butylbenzene	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
sec-Butylbenzene	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
tert-Butylbenzene	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	10	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
Carbon Disulfide	ND	80	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
Carbon Tetrachloride	ND	100	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
Chlorobenzene	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
Chlorodibromomethane	ND	10	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
Chloroethane	ND	40	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
Chloroform	ND	40	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
Chloromethane	ND	40	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
2-Chlorotoluene	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
4-Chlorotoluene	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	100	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
1,2-Dibromoethane (EDB)	ND	10	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
Dibromomethane	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
1,2-Dichlorobenzene	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
1,3-Dichlorobenzene	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
1,4-Dichlorobenzene	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
trans-1,4-Dichloro-2-butene	ND	40	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
Dichlorodifluoromethane (Freon 12)	ND	40	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
1,1-Dichloroethane	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
1,2-Dichloroethane	ND	100	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
1,1-Dichloroethylene	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
cis-1,2-Dichloroethylene	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
trans-1,2-Dichloroethylene	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
1,2-Dichloropropane	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
1,3-Dichloropropane	ND	10	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
2,2-Dichloropropane	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
1,1-Dichloropropene	ND	40	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
cis-1,3-Dichloropropene	ND	10	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
trans-1,3-Dichloropropene	ND	10	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
Diethyl Ether	ND	40	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 130274 - Providence, RI - CO#50 Sample Description: Work Order: 14D0213

Date Received: 4/7/2014

Field Sample #: MW-112 Sampled: 4/4/2014 06:30

Sample ID: 14D0213-01

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	10	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
1,4-Dioxane	ND	1000	µg/L	20	V-16	SW-846 8260C	4/8/14	4/9/14 2:26	EEH
Ethylbenzene	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
Hexachlorobutadiene	ND	10	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
2-Hexanone (MBK)	ND	200	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
Isopropylbenzene (Cumene)	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
p-Isopropyltoluene (p-Cymene)	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
Methyl tert-Butyl Ether (MTBE)	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
Methylene Chloride	ND	100	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
4-Methyl-2-pentanone (MIBK)	ND	200	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
Naphthalene	ND	40	µg/L	20	R-05	SW-846 8260C	4/8/14	4/9/14 2:26	EEH
n-Propylbenzene	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
Styrene	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
1,1,1,2-Tetrachloroethane	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
1,1,2,2-Tetrachloroethane	ND	10	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
Tetrachloroethylene	2200	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
Tetrahydrofuran	ND	200	µg/L	20	V-16	SW-846 8260C	4/8/14	4/9/14 2:26	EEH
Toluene	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
1,2,3-Trichlorobenzene	ND	100	µg/L	20	R-05	SW-846 8260C	4/8/14	4/9/14 2:26	EEH
1,2,4-Trichlorobenzene	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
1,3,5-Trichlorobenzene	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
1,1,1-Trichloroethane	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
1,1,2-Trichloroethane	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
Trichloroethylene	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
Trichlorofluoromethane (Freon 11)	ND	40	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
1,2,3-Trichloropropane	ND	40	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
1,2,4-Trimethylbenzene	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
1,3,5-Trimethylbenzene	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
Vinyl Chloride	ND	40	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
m+p Xylene	ND	40	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH
o-Xylene	ND	20	µg/L	20		SW-846 8260C	4/8/14	4/9/14 2:26	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		4/9/14 2:26
Toluene-d8	102	70-130		4/9/14 2:26
4-Bromofluorobenzene	99.0	70-130		4/9/14 2:26

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 130274 - Providence, RI - CO#50 Sample Description: Work Order: 14D0213

Date Received: 4/7/2014

Field Sample #: MW-116D Sampled: 4/4/2014 07:00

Sample ID: 14D0213-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	4/8/14	4/9/14 0:39	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
1,2-Dichloroethane	ND	5.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 130274 - Providence, RI - CO#50 Sample Description: Work Order: 14D0213

Date Received: 4/7/2014

Field Sample #: MW-116D Sampled: 4/4/2014 07:00

Sample ID: 14D0213-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	4/8/14	4/9/14 0:39	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
Naphthalene	ND	2.0	µg/L	1	R-05	SW-846 8260C	4/8/14	4/9/14 0:39	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
Tetrahydrofuran	ND	10	µg/L	1	V-16	SW-846 8260C	4/8/14	4/9/14 0:39	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	R-05	SW-846 8260C	4/8/14	4/9/14 0:39	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
Trichloroethylene	1.4	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:39	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	98.7	70-130		4/9/14	0:39
Toluene-d8	101	70-130		4/9/14	0:39
4-Bromofluorobenzene	96.8	70-130		4/9/14	0:39

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 130274 - Providence, RI - CO#50 Sample Description: Work Order: 14D0213

Date Received: 4/7/2014

Field Sample #: MW-116S Sampled: 4/4/2014 07:30

Sample ID: 14D0213-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	4/8/14	4/9/14 1:06	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
1,2-Dichloroethane	ND	5.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 130274 - Providence, RI - CO#50 Sample Description: Work Order: 14D0213

Date Received: 4/7/2014

Field Sample #: MW-116S Sampled: 4/4/2014 07:30

Sample ID: 14D0213-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	4/8/14	4/9/14 1:06	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
Naphthalene	ND	2.0	µg/L	1	R-05	SW-846 8260C	4/8/14	4/9/14 1:06	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
Tetrahydrofuran	ND	10	µg/L	1	V-16	SW-846 8260C	4/8/14	4/9/14 1:06	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	R-05	SW-846 8260C	4/8/14	4/9/14 1:06	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 1:06	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	96.4	70-130		4/9/14	1:06
Toluene-d8	101	70-130		4/9/14	1:06
4-Bromofluorobenzene	97.6	70-130		4/9/14	1:06

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 130274 - Providence, RI - CO#50 Sample Description: Work Order: 14D0213

Date Received: 4/7/2014

Field Sample #: Trip Blank Sampled: 4/4/2014 00:00

Sample ID: 14D0213-04

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	4/8/14	4/9/14 0:12	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
1,2-Dichloroethane	ND	5.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 130274 - Providence, RI - CO#50 Sample Description: Work Order: 14D0213

Date Received: 4/7/2014

Field Sample #: Trip Blank Sampled: 4/4/2014 00:00

Sample ID: 14D0213-04

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	4/8/14	4/9/14 0:12	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
Naphthalene	ND	2.0	µg/L	1	R-05	SW-846 8260C	4/8/14	4/9/14 0:12	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
Tetrahydrofuran	ND	10	µg/L	1	V-16	SW-846 8260C	4/8/14	4/9/14 0:12	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	R-05	SW-846 8260C	4/8/14	4/9/14 0:12	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	4/8/14	4/9/14 0:12	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		4/9/14 0:12
Toluene-d8	101	70-130		4/9/14 0:12
4-Bromofluorobenzene	96.9	70-130		4/9/14 0:12

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Sample Extraction Data

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
14D0213-01 [MW-112]	B093347	0.25	5.00	04/08/14
14D0213-02 [MW-116D]	B093347	5	5.00	04/08/14
14D0213-03 [MW-116S]	B093347	5	5.00	04/08/14
14D0213-04 [Trip Blank]	B093347	5	5.00	04/08/14

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B093347 - SW-846 5030B										
Blank (B093347-BLK1)				Prepared & Analyzed: 04/08/14						
Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							V-16
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	4.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	5.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B093347 - SW-846 5030B											
Blank (B093347-BLK1)				Prepared & Analyzed: 04/08/14							
Methylene Chloride	ND	5.0	µg/L								
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L								
Naphthalene	ND	2.0	µg/L							R-05	
n-Propylbenzene	ND	1.0	µg/L								
Styrene	ND	1.0	µg/L								
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L								
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L								
Tetrachloroethylene	ND	1.0	µg/L								
Tetrahydrofuran	ND	10	µg/L							V-16	
Toluene	ND	1.0	µg/L								
1,2,3-Trichlorobenzene	ND	5.0	µg/L							R-05	
1,2,4-Trichlorobenzene	ND	1.0	µg/L								
1,3,5-Trichlorobenzene	ND	1.0	µg/L								
1,1,1-Trichloroethane	ND	1.0	µg/L								
1,1,2-Trichloroethane	ND	1.0	µg/L								
Trichloroethylene	ND	1.0	µg/L								
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	2.0	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L								
1,2,4-Trimethylbenzene	ND	1.0	µg/L								
1,3,5-Trimethylbenzene	ND	1.0	µg/L								
Vinyl Chloride	ND	2.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*25.3*		µg/L	25.0		101	70-130				
Surrogate: Toluene-d8	*25.4*		µg/L	25.0		102	70-130				
Surrogate: 4-Bromofluorobenzene	*24.3*		µg/L	25.0		97.0	70-130				
LCS (B093347-BS1)				Prepared & Analyzed: 04/08/14							
Acetone	77.8	50	µg/L	100		77.8	70-160			V-20	†
Acrylonitrile	7.99	5.0	µg/L	10.0		79.9	70-130				
tert-Amyl Methyl Ether (TAME)	8.75	0.50	µg/L	10.0		87.5	70-130				
Benzene	10.2	1.0	µg/L	10.0		102	70-130				
Bromobenzene	9.98	1.0	µg/L	10.0		99.8	70-130				
Bromochloromethane	12.3	1.0	µg/L	10.0		123	70-130			V-20	
Bromodichloromethane	10.3	0.50	µg/L	10.0		103	70-130				
Bromoform	10.6	1.0	µg/L	10.0		106	70-130				
Bromomethane	4.64	2.0	µg/L	10.0		46.4	40-160				†
2-Butanone (MEK)	84.6	20	µg/L	100		84.6	40-160			V-20	†
tert-Butyl Alcohol (TBA)	77.6	20	µg/L	100		77.6	40-160			V-16	†
n-Butylbenzene	10.0	1.0	µg/L	10.0		100	70-130				
sec-Butylbenzene	9.64	1.0	µg/L	10.0		96.4	70-130				
tert-Butylbenzene	9.80	1.0	µg/L	10.0		98.0	70-130				
tert-Butyl Ethyl Ether (TBEE)	10.0	0.50	µg/L	10.0		100	70-130				
Carbon Disulfide	10.2	4.0	µg/L	10.0		102	70-130				
Carbon Tetrachloride	10.8	5.0	µg/L	10.0		108	70-130				
Chlorobenzene	9.49	1.0	µg/L	10.0		94.9	70-130				
Chlorodibromomethane	9.31	0.50	µg/L	10.0		93.1	70-130				
Chloroethane	8.42	2.0	µg/L	10.0		84.2	70-130				
Chloroform	10.5	2.0	µg/L	10.0		105	70-130				
Chloromethane	7.92	2.0	µg/L	10.0		79.2	40-160				†
2-Chlorotoluene	8.83	1.0	µg/L	10.0		88.3	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B093347 - SW-846 5030B												
LCS (B093347-BS1)				Prepared & Analyzed: 04/08/14								
4-Chlorotoluene	9.50	1.0	µg/L	10.0		95.0		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	7.96	5.0	µg/L	10.0		79.6		70-130				
1,2-Dibromoethane (EDB)	9.65	0.50	µg/L	10.0		96.5		70-130				
Dibromomethane	10.2	1.0	µg/L	10.0		102		70-130				
1,2-Dichlorobenzene	9.21	1.0	µg/L	10.0		92.1		70-130				
1,3-Dichlorobenzene	9.24	1.0	µg/L	10.0		92.4		70-130				
1,4-Dichlorobenzene	9.64	1.0	µg/L	10.0		96.4		70-130				
trans-1,4-Dichloro-2-butene	9.39	2.0	µg/L	10.0		93.9		70-130				
Dichlorodifluoromethane (Freon 12)	6.40	2.0	µg/L	10.0		64.0		40-160				†
1,1-Dichloroethane	11.7	1.0	µg/L	10.0		117		70-130				
1,2-Dichloroethane	10.8	5.0	µg/L	10.0		108		70-130				
1,1-Dichloroethylene	9.24	1.0	µg/L	10.0		92.4		70-130				
cis-1,2-Dichloroethylene	10.9	1.0	µg/L	10.0		109		70-130				
trans-1,2-Dichloroethylene	11.2	1.0	µg/L	10.0		112		70-130				
1,2-Dichloropropane	10.6	1.0	µg/L	10.0		106		70-130				
1,3-Dichloropropane	10.3	0.50	µg/L	10.0		103		70-130				
2,2-Dichloropropane	9.76	1.0	µg/L	10.0		97.6		40-130				†
1,1-Dichloropropene	10.5	2.0	µg/L	10.0		105		70-130				
cis-1,3-Dichloropropene	9.77	0.50	µg/L	10.0		97.7		70-130				
trans-1,3-Dichloropropene	10.6	0.50	µg/L	10.0		106		70-130				
Diethyl Ether	8.57	2.0	µg/L	10.0		85.7		70-130				
Diisopropyl Ether (DIPE)	11.1	0.50	µg/L	10.0		111		70-130				
1,4-Dioxane	109	50	µg/L	100		109		40-130			V-16, V-20	†
Ethylbenzene	10.0	1.0	µg/L	10.0		100		70-130				
Hexachlorobutadiene	10.5	0.50	µg/L	10.0		105		70-130				
2-Hexanone (MBK)	94.4	10	µg/L	100		94.4		70-160			V-20	†
Isopropylbenzene (Cumene)	9.48	1.0	µg/L	10.0		94.8		70-130				
p-Isopropyltoluene (p-Cymene)	10.1	1.0	µg/L	10.0		101		70-130				
Methyl tert-Butyl Ether (MTBE)	9.48	1.0	µg/L	10.0		94.8		70-130				
Methylene Chloride	13.5	5.0	µg/L	10.0		**135**	*	70-130			L-07, V-20	
4-Methyl-2-pentanone (MIBK)	93.4	10	µg/L	100		93.4		70-160				†
Naphthalene	7.20	2.0	µg/L	10.0		72.0		40-130			R-05	†
n-Propylbenzene	9.79	1.0	µg/L	10.0		97.9		70-130				
Styrene	9.89	1.0	µg/L	10.0		98.9		70-130				
1,1,1,2-Tetrachloroethane	9.61	1.0	µg/L	10.0		96.1		70-130				
1,1,2,2-Tetrachloroethane	8.85	0.50	µg/L	10.0		88.5		70-130				
Tetrachloroethylene	10.5	1.0	µg/L	10.0		105		70-130				
Tetrahydrofuran	9.77	10	µg/L	10.0		97.7		70-130			V-16, V-20	
Toluene	10.4	1.0	µg/L	10.0		104		70-130				
1,2,3-Trichlorobenzene	6.92	5.0	µg/L	10.0		**69.2**	*	70-130			L-07A, R-05	
1,2,4-Trichlorobenzene	8.30	1.0	µg/L	10.0		83.0		70-130				
1,3,5-Trichlorobenzene	9.07	1.0	µg/L	10.0		90.7		70-130				
1,1,1-Trichloroethane	11.0	1.0	µg/L	10.0		110		70-130				
1,1,2-Trichloroethane	9.95	1.0	µg/L	10.0		99.5		70-130				
Trichloroethylene	10.5	1.0	µg/L	10.0		105		70-130				
Trichlorofluoromethane (Freon 11)	8.25	2.0	µg/L	10.0		82.5		70-130				
1,2,3-Trichloropropane	9.12	2.0	µg/L	10.0		91.2		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.84	1.0	µg/L	10.0		98.4		70-130				
1,2,4-Trimethylbenzene	10.0	1.0	µg/L	10.0		100		70-130				
1,3,5-Trimethylbenzene	9.42	1.0	µg/L	10.0		94.2		70-130				
Vinyl Chloride	7.79	2.0	µg/L	10.0		77.9		40-160				†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B093347 - SW-846 5030B											
LCS (B093347-BS1)				Prepared & Analyzed: 04/08/14							
m+p Xylene	19.3	2.0	µg/L	20.0		96.6	70-130				
o-Xylene	9.73	1.0	µg/L	10.0		97.3	70-130				
Surrogate: 1,2-Dichloroethane-d4	*25.2*		µg/L	25.0		101	70-130				
Surrogate: Toluene-d8	*25.4*		µg/L	25.0		102	70-130				
Surrogate: 4-Bromofluorobenzene	*24.6*		µg/L	25.0		98.4	70-130				
LCS Dup (B093347-BSD1)				Prepared & Analyzed: 04/08/14							
Acetone	83.8	50	µg/L	100		83.8	70-160	7.46	25	V-20	†
Acrylonitrile	9.00	5.0	µg/L	10.0		90.0	70-130	11.9	25		
tert-Amyl Methyl Ether (TAME)	9.64	0.50	µg/L	10.0		96.4	70-130	9.68	25		
Benzene	10.6	1.0	µg/L	10.0		106	70-130	3.64	25		
Bromobenzene	10.2	1.0	µg/L	10.0		102	70-130	2.47	25		
Bromochloromethane	12.3	1.0	µg/L	10.0		123	70-130	0.244	25	V-20	
Bromodichloromethane	10.7	0.50	µg/L	10.0		107	70-130	4.39	25		
Bromoform	11.8	1.0	µg/L	10.0		118	70-130	10.7	25		
Bromomethane	5.29	2.0	µg/L	10.0		52.9	40-160	13.1	25		†
2-Butanone (MEK)	104	20	µg/L	100		104	40-160	20.5	25	V-20	†
tert-Butyl Alcohol (TBA)	87.7	20	µg/L	100		87.7	40-160	12.1	25	V-16	†
n-Butylbenzene	10.4	1.0	µg/L	10.0		104	70-130	2.94	25		
sec-Butylbenzene	9.81	1.0	µg/L	10.0		98.1	70-130	1.75	25		
tert-Butylbenzene	10.1	1.0	µg/L	10.0		101	70-130	2.82	25		
tert-Butyl Ethyl Ether (TBEE)	10.6	0.50	µg/L	10.0		106	70-130	5.64	25		
Carbon Disulfide	9.67	4.0	µg/L	10.0		96.7	70-130	5.33	25		
Carbon Tetrachloride	10.8	5.0	µg/L	10.0		108	70-130	0.0930	25		
Chlorobenzene	9.60	1.0	µg/L	10.0		96.0	70-130	1.15	25		
Chlorodibromomethane	9.99	0.50	µg/L	10.0		99.9	70-130	7.05	25		
Chloroethane	8.71	2.0	µg/L	10.0		87.1	70-130	3.39	25		
Chloroform	10.6	2.0	µg/L	10.0		106	70-130	0.662	25		
Chloromethane	7.23	2.0	µg/L	10.0		72.3	40-160	9.11	25		†
2-Chlorotoluene	8.95	1.0	µg/L	10.0		89.5	70-130	1.35	25		
4-Chlorotoluene	9.80	1.0	µg/L	10.0		98.0	70-130	3.11	25		
1,2-Dibromo-3-chloropropane (DBCP)	9.62	5.0	µg/L	10.0		96.2	70-130	18.9	25		
1,2-Dibromoethane (EDB)	10.3	0.50	µg/L	10.0		103	70-130	6.42	25		
Dibromomethane	10.8	1.0	µg/L	10.0		108	70-130	5.89	25		
1,2-Dichlorobenzene	9.77	1.0	µg/L	10.0		97.7	70-130	5.90	25		
1,3-Dichlorobenzene	9.54	1.0	µg/L	10.0		95.4	70-130	3.19	25		
1,4-Dichlorobenzene	9.91	1.0	µg/L	10.0		99.1	70-130	2.76	25		
trans-1,4-Dichloro-2-butene	10.8	2.0	µg/L	10.0		108	70-130	13.8	25		
Dichlorodifluoromethane (Freon 12)	6.24	2.0	µg/L	10.0		62.4	40-160	2.53	25		†
1,1-Dichloroethane	11.4	1.0	µg/L	10.0		114	70-130	1.90	25		
1,2-Dichloroethane	11.3	5.0	µg/L	10.0		113	70-130	4.79	25		
1,1-Dichloroethylene	8.98	1.0	µg/L	10.0		89.8	70-130	2.85	25		
cis-1,2-Dichloroethylene	11.0	1.0	µg/L	10.0		110	70-130	1.28	25		
trans-1,2-Dichloroethylene	10.9	1.0	µg/L	10.0		109	70-130	2.35	25		
1,2-Dichloropropane	10.8	1.0	µg/L	10.0		108	70-130	2.24	25		
1,3-Dichloropropane	11.1	0.50	µg/L	10.0		111	70-130	7.66	25		
2,2-Dichloropropane	9.58	1.0	µg/L	10.0		95.8	40-130	1.86	25		†
1,1-Dichloropropene	10.8	2.0	µg/L	10.0		108	70-130	3.18	25		
cis-1,3-Dichloropropene	10.5	0.50	µg/L	10.0		105	70-130	6.82	25		
trans-1,3-Dichloropropene	11.6	0.50	µg/L	10.0		116	70-130	8.94	25		
Diethyl Ether	9.69	2.0	µg/L	10.0		96.9	70-130	12.3	25		
Diisopropyl Ether (DIPE)	11.3	0.50	µg/L	10.0		113	70-130	2.05	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes	
Batch B093347 - SW-846 5030B													
LCS Dup (B093347-BSD1)				Prepared & Analyzed: 04/08/14									
1,4-Dioxane	136	50	µg/L	100		**136**	*	40-130	22.3		50	L-07, V-16, V-20	† ‡
Ethylbenzene	10.2	1.0	µg/L	10.0		102		70-130	1.97		25		
Hexachlorobutadiene	11.2	0.50	µg/L	10.0		112		70-130	5.80		25		
2-Hexanone (MBK)	114	10	µg/L	100		114		70-160	18.8		25	V-20	†
Isopropylbenzene (Cumene)	9.74	1.0	µg/L	10.0		97.4		70-130	2.71		25		
p-Isopropyltoluene (p-Cymene)	10.5	1.0	µg/L	10.0		105		70-130	3.89		25		
Methyl tert-Butyl Ether (MTBE)	10.5	1.0	µg/L	10.0		105		70-130	10.6		25		
Methylene Chloride	12.9	5.0	µg/L	10.0		129		70-130	4.55		25	V-20	
4-Methyl-2-pentanone (MIBK)	113	10	µg/L	100		113		70-160	18.8		25		†
Naphthalene	9.55	2.0	µg/L	10.0		95.5		40-130	**28.1**	*	25	R-05	†
n-Propylbenzene	10.0	1.0	µg/L	10.0		100		70-130	2.32		25		
Styrene	9.93	1.0	µg/L	10.0		99.3		70-130	0.404		25		
1,1,1,2-Tetrachloroethane	10.2	1.0	µg/L	10.0		102		70-130	5.56		25		
1,1,2,2-Tetrachloroethane	10.1	0.50	µg/L	10.0		101		70-130	13.3		25		
Tetrachloroethylene	10.8	1.0	µg/L	10.0		108		70-130	3.01		25		
Tetrahydrofuran	11.3	10	µg/L	10.0		113		70-130	14.3		25	V-16, V-20	
Toluene	10.5	1.0	µg/L	10.0		105		70-130	0.383		25		
1,2,3-Trichlorobenzene	9.87	5.0	µg/L	10.0		98.7		70-130	**35.1**	*	25	R-05	
1,2,4-Trichlorobenzene	9.98	1.0	µg/L	10.0		99.8		70-130	18.4		25		
1,3,5-Trichlorobenzene	9.87	1.0	µg/L	10.0		98.7		70-130	8.45		25		
1,1,1-Trichloroethane	11.2	1.0	µg/L	10.0		112		70-130	1.72		25		
1,1,2-Trichloroethane	10.6	1.0	µg/L	10.0		106		70-130	6.70		25		
Trichloroethylene	10.6	1.0	µg/L	10.0		106		70-130	1.14		25		
Trichlorofluoromethane (Freon 11)	8.17	2.0	µg/L	10.0		81.7		70-130	0.974		25		
1,2,3-Trichloropropane	10.2	2.0	µg/L	10.0		102		70-130	11.5		25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.77	1.0	µg/L	10.0		97.7		70-130	0.714		25		
1,2,4-Trimethylbenzene	10.4	1.0	µg/L	10.0		104		70-130	3.54		25		
1,3,5-Trimethylbenzene	9.81	1.0	µg/L	10.0		98.1		70-130	4.06		25		
Vinyl Chloride	7.41	2.0	µg/L	10.0		74.1		40-160	5.00		25		†
m+p Xylene	19.6	2.0	µg/L	20.0		97.9		70-130	1.29		25		
o-Xylene	9.83	1.0	µg/L	10.0		98.3		70-130	1.02		25		
Surrogate: 1,2-Dichloroethane-d4	*26.2*		µg/L	25.0		105		70-130					
Surrogate: Toluene-d8	*25.0*		µg/L	25.0		100		70-130					
Surrogate: 4-Bromofluorobenzene	*24.4*		µg/L	25.0		97.7		70-130					

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
L-07A	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
RL-11	Elevated reporting limit due to high concentration of target compounds.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Acetone	CT,NY,ME,NH,VA,NJ
Acrylonitrile	CT,NY,ME,NH,VA,NJ
tert-Amyl Methyl Ether (TAME)	NY,ME,NH,VA,NJ
Benzene	CT,NY,ME,NH,VA,NJ
Bromochloromethane	NY,ME,NH,VA,NJ
Bromodichloromethane	CT,NY,ME,NH,VA,NJ
Bromoform	CT,NY,ME,NH,VA,NJ
Bromomethane	CT,NY,ME,NH,VA,NJ
2-Butanone (MEK)	CT,NY,ME,NH,VA,NJ
tert-Butyl Alcohol (TBA)	NY,ME,NH,VA,NJ
n-Butylbenzene	NY,ME,VA,NJ
sec-Butylbenzene	NY,ME,VA,NJ
tert-Butylbenzene	NY,ME,VA,NJ
tert-Butyl Ethyl Ether (TBEE)	NY,ME,NH,VA,NJ
Carbon Disulfide	CT,NY,ME,NH,VA,NJ
Carbon Tetrachloride	CT,NY,ME,NH,VA,NJ
Chlorobenzene	CT,NY,ME,NH,VA,NJ
Chlorodibromomethane	CT,NY,ME,NH,VA,NJ
Chloroethane	CT,NY,ME,NH,VA,NJ
Chloroform	CT,NY,ME,NH,VA,NJ
Chloromethane	CT,NY,ME,NH,VA,NJ
2-Chlorotoluene	NY,ME,NH,VA,NJ
4-Chlorotoluene	NY,ME,NH,VA,NJ
Dibromomethane	NY,ME,NH,VA,NJ
1,2-Dichlorobenzene	CT,NY,ME,NH,VA,NJ
1,3-Dichlorobenzene	CT,NY,ME,NH,VA,NJ
1,4-Dichlorobenzene	CT,NY,ME,NH,VA,NJ
trans-1,4-Dichloro-2-butene	NY,ME,NH,VA,NJ
Dichlorodifluoromethane (Freon 12)	NY,ME,NH,VA,NJ
1,1-Dichloroethane	CT,NY,ME,NH,VA,NJ
1,2-Dichloroethane	CT,NY,ME,NH,VA,NJ
1,1-Dichloroethylene	CT,NY,ME,NH,VA,NJ
cis-1,2-Dichloroethylene	NY,ME,NJ
trans-1,2-Dichloroethylene	CT,NY,ME,NH,VA,NJ
1,2-Dichloropropane	CT,NY,ME,NH,VA,NJ
1,3-Dichloropropane	NY,ME,VA,NJ
2,2-Dichloropropane	NY,ME,NH,VA,NJ
1,1-Dichloropropene	NY,ME,NH,VA,NJ
cis-1,3-Dichloropropene	CT,NY,ME,NH,VA,NJ
trans-1,3-Dichloropropene	CT,NY,ME,NH,VA,NJ
Diisopropyl Ether (DIPE)	NY,ME,NH,VA,NJ
Ethylbenzene	CT,NY,ME,NH,VA,NJ
Hexachlorobutadiene	CT,NY,ME,NH,VA,NJ
2-Hexanone (MBK)	CT,NY,ME,NH,VA,NJ
Isopropylbenzene (Cumene)	NY,ME,VA,NJ
p-Isopropyltoluene (p-Cymene)	CT,NY,ME,NH,VA,NJ
Methyl tert-Butyl Ether (MTBE)	CT,NY,ME,NH,VA,NJ

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Methylene Chloride	CT,NY,ME,NH,VA,NJ
4-Methyl-2-pentanone (MIBK)	CT,NY,ME,NH,VA,NJ
Naphthalene	NY,ME,NH,VA,NJ
n-Propylbenzene	CT,NY,ME,NH,VA,NJ
Styrene	CT,NY,ME,NH,VA,NJ
1,1,1,2-Tetrachloroethane	CT,NY,ME,NH,VA,NJ
1,1,2,2-Tetrachloroethane	CT,NY,ME,NH,VA,NJ
Tetrachloroethylene	CT,NY,ME,NH,VA,NJ
Toluene	CT,NY,ME,NH,VA,NJ
1,2,3-Trichlorobenzene	NY,ME,NH,VA,NJ
1,2,4-Trichlorobenzene	CT,NY,ME,NH,VA,NJ
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NY,ME,NH,VA,NJ
1,1,2-Trichloroethane	CT,NY,ME,NH,VA,NJ
Trichloroethylene	CT,NY,ME,NH,VA,NJ
Trichlorofluoromethane (Freon 11)	CT,NY,ME,NH,VA,NJ
1,2,3-Trichloropropane	NY,ME,NH,VA,NJ
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY,VA,NJ
1,2,4-Trimethylbenzene	NY,ME,VA,NJ
1,3,5-Trimethylbenzene	NY,ME,VA,NJ
Vinyl Chloride	CT,NY,ME,NH,VA,NJ
m+p Xylene	CT,NY,ME,NH,VA
o-Xylene	CT,NY,ME,NH,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2014
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2015
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2015
RI	Rhode Island Department of Health	LAO00112	12/30/2014
NC	North Carolina Div. of Water Quality	652	12/31/2014
NJ	New Jersey DEP	MA007 NELAP	06/30/2014
FL	Florida Department of Health	E871027 NELAP	06/30/2014
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2014
WA	State of Washington Department of Ecology	C2065	02/23/2015
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2014
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2014

CHAIN OF CUSTODY RECORD

14D0213

Rev 04.05.12

con-test ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
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East longmeadow, MA 01028

Page 1 of 1

Company Name: CB&I Environmental
Address: 150 Royall Street
Canton, MA 02021
Attention: Ed VanDoren
Project Location: Providence, RI
Sampled By:

Telephone: 617-589-4030
Project # 130274
Client PO# 835493

DATA DELIVERY (check all that apply)
○ FAX ✓ EMAIL ○ WEBSITE
Fax # (GISKey format)
Email: Edward.Vandoren@CBI.com
Format ✓ PDF ○ EXCEL ○ GIS ✓ OTHER GISKey
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	*** Container Code
01	MW-112	4.4.14	0630		✓	GW		3	H	V
02	MW-116D	↓	0700		✓	↓		3	H	V
03	MW-116S		0730		✓			3	H	V
04	Trip Blank	BP1	-075		✓			3	H	V

ANALYSIS REQUESTED
EPA 8260B (VOC)

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

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Comments: Please email GISKey formatted EDD & PDF of report to: Edward.Vandoren@CBI.com & Catherine.Joe@CBI.com.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)		Date/Time: 4.4.14 0930
Received by: (signature)	4/7/14	Date/Time: 10:30
Relinquished by: (signature)	4/7/14	Date/Time: 17:00
Received by: (signature)	2.1 4.7.14	Date/Time: 17:00

Turnaround ††
☐ 7-Day
☑ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

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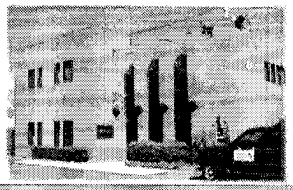

Sample Receipt Checklist

CLIENT NAME: CB + I RECEIVED BY: PB DATE: 4.7.14

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No No CoC Included
2) **Does the chain agree with the samples?** (Yes) No
   If not, explain:
3) **Are all the samples in good condition?** (Yes) No
   If not, explain:
4) **How were the samples received:**

On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 2.1

5) **Are there Dissolved samples for the lab to filter?** Yes (No)
   Who was notified _____ Date _____ Time _____
6) **Are there any RUSH or SHORT HOLDING TIME samples?** Yes (No)
   Who was notified _____ Date _____ Time _____
7) **Location where samples are stored:** log in

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) **Do all samples have the proper Acid pH:** Yes No (N/A) _____
9) **Do all samples have the proper Base pH:** Yes No (N/A) _____
10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below	12	Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl 12 # Methanol _____ Time and Date Frozen:
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)
Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	~~N~~ T	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	T	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	T	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements? **Date/Time:**

Doc #277 Rev. 4 August 2013 **Log-In Technician Initials:** PB **Date/Time:** 4.7.14 11:00