

TABLE 2

**GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK**

Effluent Water Quality Results

Date Sampled ^{2/}	pH ^{1/}	TDS (mg/l)	PCE (ug/l)	1,1,1-TCA (ug/l)	TCE (ug/l)	1,1-DCA (ug/l)	1,1-DCE (ug/l)	cis-1,2-DCE (ug/l)	trans-1,2-DCE (ug/l)	Xylene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Methylene Chloride (ug/l)	Freon 113 (ug/l)	Naphthalene (ug/l)	Chloroform (ug/l)	Total Iron (mg/l)	Dissolved Iron (mg/l)
SPDES Limits	5.0 to 8.5	---	5	5	5	5	5	5	5	5	5	5	5	---	10	7	---	---
6-Aug-13	7.2	748	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	6.18	ND<0.02
13-Aug-13	7.0	109	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	0.66	0.036
20-Aug-13	6.9	78	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	1.00	0.064

SPDES: State Pollutant Discharge Elimination System

NM: Not Measured

TCE: Trichloroethene

trans-1,2,-DCE: trans-1,2-Dichloroethene

mg/l: Milligrams per liter

TDS: Total dissolved solids

1,1-DCA: 1,1-Dichloroethane

ug/l: Micrograms per liter

PCE: Tetrachloroethylene

1,1-DCE: 1,1-Dichloroethene

----: Not established

1,1,1-TCA: 1,1,1-Trichloroethane

cis-1,2-DCE: cis-1,2-Dichloroethene

J: Analyte detected below quantitation limits, value shown is a laboratory estimate.

B: Analyte was found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

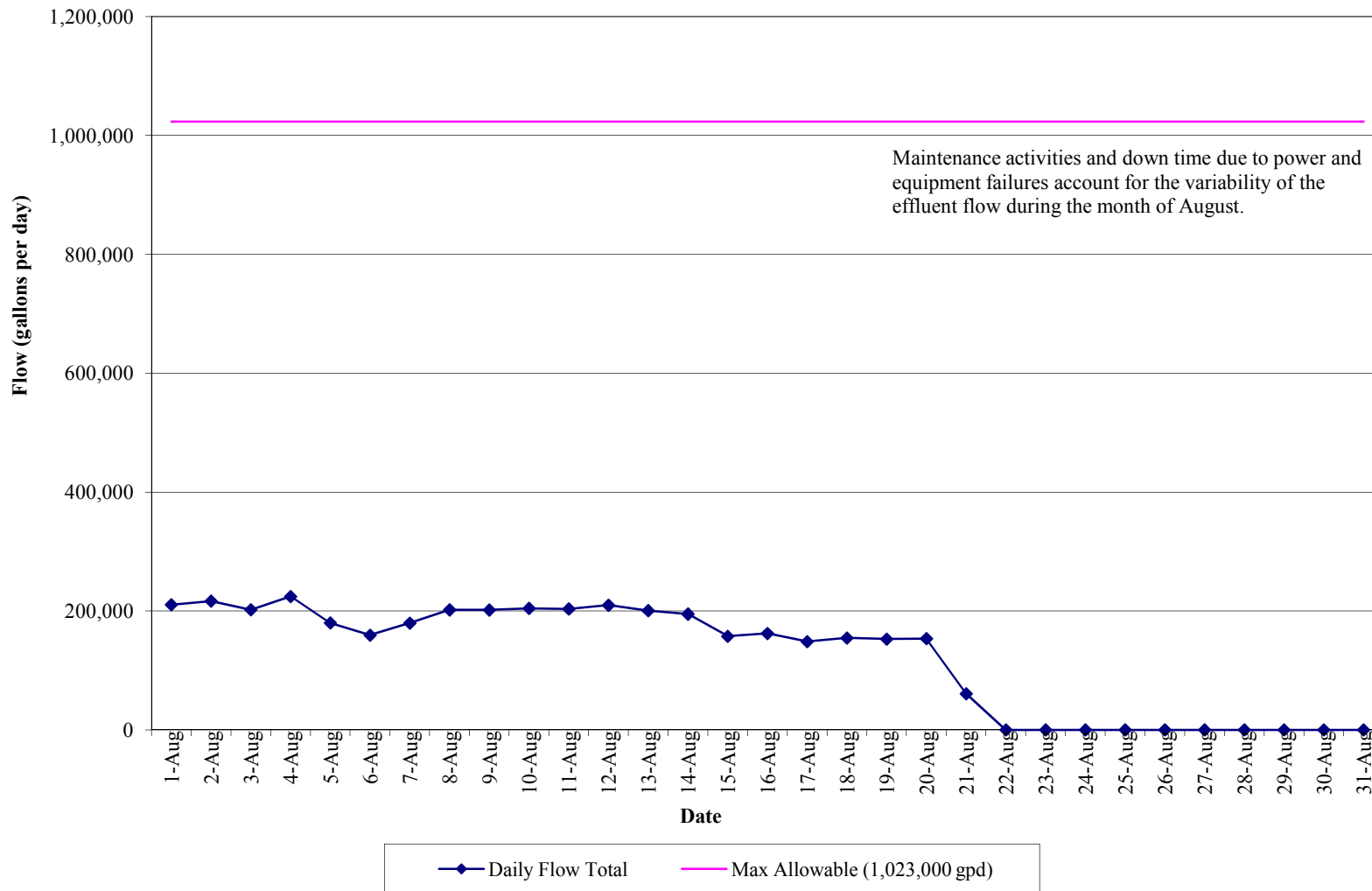
ND: Not detected

Notes:

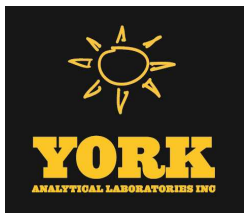
1. Based on the SPDES criteria from an NYSDEC letter dated on October 21, 2011, the new allowable pH range for the Rowe Site is between 5.0 and 8.5.
2. "Effluent" samples were collected from sample port labeled NP2-10 unless otherwise noted.

**GRAPH 1
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK**

**Effluent Flow Data
(August 1, 2013 to August 31, 2013)**



APPENDIX I
AUGUST 2013 LABORATORY ANALYTICAL REPORTS
FOR FSP&T SYSTEM



Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 301

Shelton CT, 06484

Attention: Tunde Komuves-Sandor

Report Date: 08/21/2013

Client Project ID: Rowe Industries

York Project (SDG) No.: 13H0562

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 08/21/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13H0562

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 14, 2013 and listed below. The project was identified as your project: **Rowe Industries**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
13H0562-01	WQ080613:1040NP2-6	Water	08/06/2013	08/14/2013
13H0562-02	WQ080613:1045NP2-7	Water	08/06/2013	08/14/2013
13H0565-01	WQ080613:1050NP2-10	Water	08/06/2013	08/14/2013

General Notes for York Project (SDG) No.: 13H0562

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

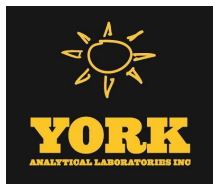
Approved By:



Benjamin Gulizia
Laboratory Director

Date: 08/21/2013

YORK



Sample Information

Client Sample ID: WQ080613:1040NP2-6

York Sample ID: 13H0562-01

York Project (SDG) No.
13H0562

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 6, 2013 10:40 am

Date Received
08/14/2013

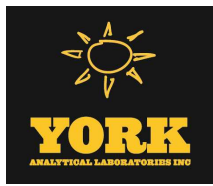
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
71-55-6	1,1,1-Trichloroethane	0.50		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS



Sample Information

Client Sample ID: WQ080613:1040NP2-6

York Sample ID: 13H0562-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0562

Rowe Industries

Water

August 6, 2013 10:40 am

08/14/2013

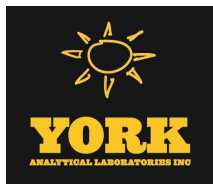
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
156-59-2	cis-1,2-Dichloroethylene	0.31	J	ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
127-18-4	Tetrachloroethylene	2.1		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
79-01-6	Trichloroethylene	0.23	J	ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 17:22	SS



Sample Information

Client Sample ID: WQ080613:1040NP2-6

York Sample ID: 13H0562-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0562

Rowe Industries

Water

August 6, 2013 10:40 am

08/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %			72.6	129					
460-00-4	Surrogate: p-Bromofluorobenzene	95.2 %			63.5	145					
2037-26-5	Surrogate: Toluene-d8	109 %			81.2	127					

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0200	0.0200	1	EPA SW846-6010B	08/15/2013 14:41	08/15/2013 19:03	AMC

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	3.21		mg/L	0.0146	0.0200	1	EPA 200.7	08/15/2013 14:46	08/15/2013 20:50	AMC

Sample Information

Client Sample ID: WQ080613:1045NP2-7

York Sample ID: 13H0562-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0562

Rowe Industries

Water

August 6, 2013 10:45 am

08/14/2013

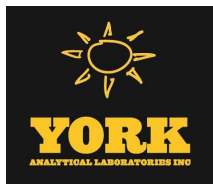
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS



Sample Information

Client Sample ID: WQ080613:1045NP2-7

York Sample ID: 13H0562-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0562

Rowe Industries

Water

August 6, 2013 10:45 am

08/14/2013

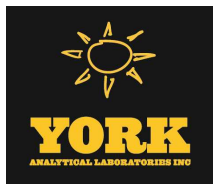
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS



Sample Information

Client Sample ID: WQ080613:1045NP2-7

York Sample ID: 13H0562-02

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13H0562

Rowe Industries

Water

August 6, 2013 10:45 am

08/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:00	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	116 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	92.8 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	108 %	81.2-127								

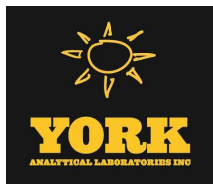
Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0200	0.0200	1	EPA SW846-6010B	08/15/2013 14:41	08/15/2013 19:08	AMC



Sample Information

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York Sample ID: 13H0562-02

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Client Project ID

Matrix

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13H0562

Rowe Industries

Water

August 6, 2013 10:45 am

08/14/2013

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	2.72		mg/L	0.0146	0.0200	1	EPA 200.7	08/15/2013 14:46	08/15/2013 20:55	AMC

Sample Information

Client Sample ID: WQ080613:1050NP2-10

York Sample ID: 13H0565-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0565

Rowe Industries

Water

August 6, 2013 10:50 am

08/14/2013

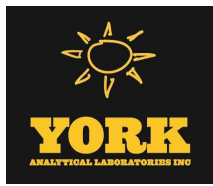
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS



Sample Information

Client Sample ID: WQ080613:1050NP2-10

York Sample ID: 13H0565-01

York Project (SDG) No.

Client Project ID

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13H0565

Rowe Industries

Water

August 6, 2013 10:50 am

08/14/2013

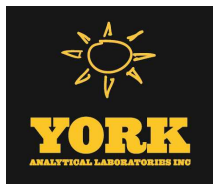
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS



Sample Information

Client Sample ID: WQ080613:1050NP2-10

York Sample ID: 13H0565-01

York Project (SDG) No.

Client Project ID

Matrix

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Date Received

13H0565

Rowe Industries

Water

August 6, 2013 10:50 am

08/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 13:57	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	114 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	92.5 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	94.5 %			81.2-127						

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0200	0.0200	1	EPA SW846-6010B	08/19/2013 13:15	08/19/2013 17:08	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	6.18		mg/L	0.0146	0.0200	1	EPA 200.7	08/19/2013 13:29	08/19/2013 22:53	MW

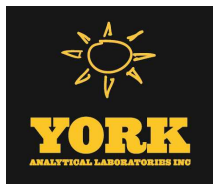
Total Dissolved Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	748	HT-02	mg/L	1.00	1.00	1	SM 2540C	08/19/2013 16:32	08/20/2013 15:23	BGS



Analytical Batch Summary

Batch ID: BH30749 **Preparation Method:** EPA 3010A **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
13H0562-01	WQ080613:1040NP2-6	08/15/13
13H0562-02	WQ080613:1045NP2-7	08/15/13
BH30749-BLK1	Blank	08/15/13
BH30749-SRM1	Reference	08/15/13

Batch ID: BH30750 **Preparation Method:** EPA 3010A **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
13H0562-01	WQ080613:1040NP2-6	08/15/13
13H0562-02	WQ080613:1045NP2-7	08/15/13
BH30750-BLK1	Blank	08/15/13
BH30750-SRM1	Reference	08/15/13

Batch ID: BH30791 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13H0562-01	WQ080613:1040NP2-6	08/16/13
13H0562-02	WQ080613:1045NP2-7	08/16/13
BH30791-BLK1	Blank	08/16/13
BH30791-BS1	LCS	08/16/13
BH30791-BSD1	LCS Dup	08/16/13

Batch ID: BH30877 **Preparation Method:** EPA 3010A **Prepared By:** MW

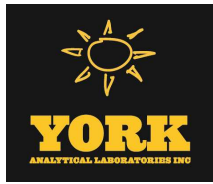
YORK Sample ID	Client Sample ID	Preparation Date
13H0565-01	WQ080613:1050NP2-10	08/19/13
BH30877-BLK1	Blank	08/19/13
BH30877-SRM1	Reference	08/19/13

Batch ID: BH30880 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13H0565-01	WQ080613:1050NP2-10	08/19/13
BH30880-BLK1	Blank	08/19/13
BH30880-SRM1	Reference	08/19/13

Batch ID: BH30903 **Preparation Method:** % Solids Prep **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
13H0565-01	WQ080613:1050NP2-10	08/19/13
BH30903-BLK1	Blank	08/19/13

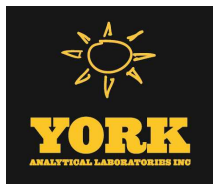


Batch ID: BH30937

Preparation Method: EPA 5030B

Prepared By: SS

YORK Sample ID	Client Sample ID	Preparation Date
13H0565-01	WQ080613:1050NP2-10	08/20/13
BH30937-BLK1	Blank	08/20/13
BH30937-BS1	LCS	08/20/13
BH30937-BSD1	LCS Dup	08/20/13



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

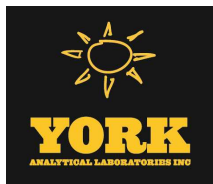
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH30791 - EPA 5030B

Blank (BH30791-BLK1)

Prepared & Analyzed: 08/16/2013

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit			Result					RPD	

Batch BH30791 - EPA 5030B

Blank (BH30791-BLK1)

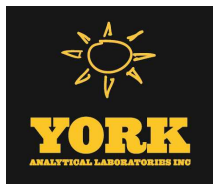
Prepared & Analyzed: 08/16/2013

p- & m- Xylenes	ND	1.0	ug/L								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>11.1</i>		<i>"</i>	<i>10.0</i>		<i>111</i>		<i>72.6-129</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.25</i>		<i>"</i>	<i>10.0</i>		<i>92.5</i>		<i>63.5-145</i>			
<i>Surrogate: Toluene-d8</i>	<i>10.6</i>		<i>"</i>	<i>10.0</i>		<i>106</i>		<i>81.2-127</i>			

LCS (BH30791-BS1)

Prepared & Analyzed: 08/16/2013

1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100		82.3-130			
1,1,1-Trichloroethane	10.3		"	10.0		103		75.6-137			
1,1,2,2-Tetrachloroethane	9.79		"	10.0		97.9		71.3-131			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.61		"	10.0		96.1		71.1-129			
1,1,2-Trichloroethane	10.8		"	10.0		108		74.5-129			
1,1-Dichloroethane	9.42		"	10.0		94.2		79.6-132			
1,1-Dichloroethylene	9.11		"	10.0		91.1		80.2-146			
1,1-Dichloropropylene	8.82		"	10.0		88.2		75-136			
1,2,3-Trichlorobenzene	9.92		"	10.0		99.2		66.1-136			
1,2,3-Trichloropropane	9.64		"	10.0		96.4		63-131			
1,2,4-Trichlorobenzene	9.64		"	10.0		96.4		70.6-136			
1,2,4-Trimethylbenzene	8.89		"	10.0		88.9		75.3-135			
1,2-Dibromo-3-chloropropane	10.5		"	10.0		105		58.9-140			
1,2-Dibromoethane	10.6		"	10.0		106		79-130			
1,2-Dichlorobenzene	9.28		"	10.0		92.8		76.1-122			
1,2-Dichloroethane	10.6		"	10.0		106		74.6-132			
1,2-Dichloropropane	8.93		"	10.0		89.3		76.9-129			
1,3,5-Trimethylbenzene	8.76		"	10.0		87.6		70.6-127			
1,3-Dichlorobenzene	9.21		"	10.0		92.1		77-124			
1,3-Dichloropropane	10.3		"	10.0		103		75.8-126			
1,4-Dichlorobenzene	9.39		"	10.0		93.9		76.6-125			
2,2-Dichloropropane	8.35		"	10.0		83.5		69-133			
2-Chlorotoluene	8.66		"	10.0		86.6		66.3-119			
2-Hexanone	10.4		"	10.0		104		70-130			
4-Chlorotoluene	8.81		"	10.0		88.1		69.2-127			
Acetone	10.1		"	10.0		101		70-130			
Benzene	9.32		"	10.0		93.2		76.2-129			
Bromobenzene	8.96		"	10.0		89.6		71.3-123			
Bromochloromethane	9.54		"	10.0		95.4		70.8-137			
Bromodichloromethane	10.2		"	10.0		102		79.7-134			
Bromoform	10.8		"	10.0		108		70.5-141			
Bromomethane	9.77		"	10.0		97.7		43.9-147			
Carbon tetrachloride	9.53		"	10.0		95.3		78.1-138			
Chlorobenzene	9.30		"	10.0		93.0		80.4-125			



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike Level	Source*	%REC	%REC Limits	Flag	RPD	RPD	Flag
		Limit			Result					Limit	

Batch BH30791 - EPA 5030B

LCS (BH30791-BS1)

Prepared & Analyzed: 08/16/2013

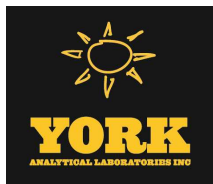
Chloroethane	8.39		ug/L	10.0		83.9	55.8-140				
Chloroform	10.2		"	10.0		102	76.6-133				
Chloromethane	7.67		"	10.0		76.7	48.8-115				
cis-1,2-Dichloroethylene	9.78		"	10.0		97.8	75.1-128				
cis-1,3-Dichloropropylene	10.2		"	10.0		102	74.5-128				
Dibromochloromethane	12.5		"	10.0		125	79.8-134				
Dibromomethane	10.2		"	10.0		102	79-130				
Dichlorodifluoromethane	6.99		"	10.0		69.9	47.1-101				
Ethyl Benzene	9.50		"	10.0		95.0	80.8-128				
Hexachlorobutadiene	9.40		"	10.0		94.0	64.8-128				
Isopropylbenzene	8.77		"	10.0		87.7	75.5-135				
Methyl tert-butyl ether (MTBE)	9.06		"	10.0		90.6	65.1-140				
Methylene chloride	9.44		"	10.0		94.4	61.3-120				
Naphthalene	10.1		"	10.0		101	62.3-148				
n-Butylbenzene	8.33		"	10.0		83.3	67.2-123				
n-Propylbenzene	8.71		"	10.0		87.1	70.5-127				
o-Xylene	9.09		"	10.0		90.9	75.9-122				
p- & m- Xylenes	18.8		"	20.0		94.0	77.7-127				
p-Isopropyltoluene	8.92		"	10.0		89.2	75.6-129				
sec-Butylbenzene	8.80		"	10.0		88.0	71.5-125				
Styrene	9.85		"	10.0		98.5	77.8-123				
tert-Butylbenzene	9.01		"	10.0		90.1	75.9-151				
Tetrachloroethylene	9.13		"	10.0		91.3	63.6-167				
Toluene	8.62		"	10.0		86.2	77-123				
trans-1,2-Dichloroethylene	9.11		"	10.0		91.1	76.3-139				
trans-1,3-Dichloropropylene	11.0		"	10.0		110	72.5-137				
Trichloroethylene	9.10		"	10.0		91.0	77.9-130				
Trichlorofluoromethane	9.43		"	10.0		94.3	57.4-133				
Vinyl Chloride	7.66		"	10.0		76.6	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>11.5</i>		<i>"</i>	<i>10.0</i>		<i>115</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.32</i>		<i>"</i>	<i>10.0</i>		<i>93.2</i>	<i>81.2-127</i>				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30791 - EPA 5030B											
LCS Dup (BH30791-BSD1)											
										Prepared & Analyzed: 08/16/2013	
1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100	82.3-130		0.00	21.1	
1,1,1-Trichloroethane	10.4		"	10.0		104	75.6-137		0.867	19.7	
1,1,2,2-Tetrachloroethane	8.95		"	10.0		89.5	71.3-131		8.96	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.85		"	10.0		98.5	71.1-129		2.47	21.7	
1,1,2-Trichloroethane	10.3		"	10.0		103	74.5-129		5.04	20.3	
1,1-Dichloroethane	9.66		"	10.0		96.6	79.6-132		2.52	20.6	
1,1-Dichloroethylene	9.56		"	10.0		95.6	80.2-146		4.82	20	
1,1-Dichloropropylene	9.19		"	10.0		91.9	75-136		4.11	19.3	
1,2,3-Trichlorobenzene	10.1		"	10.0		101	66.1-136		1.80	21.6	
1,2,3-Trichloropropane	9.35		"	10.0		93.5	63-131		3.05	23.9	
1,2,4-Trichlorobenzene	10.0		"	10.0		100	70.6-136		3.97	21.7	
1,2,4-Trimethylbenzene	9.45		"	10.0		94.5	75.3-135		6.11	18.8	
1,2-Dibromo-3-chloropropane	9.91		"	10.0		99.1	58.9-140		5.69	27.7	
1,2-Dibromoethane	9.95		"	10.0		99.5	79-130		6.61	23	
1,2-Dichlorobenzene	9.49		"	10.0		94.9	76.1-122		2.24	19.8	
1,2-Dichloroethane	10.2		"	10.0		102	74.6-132		4.05	20.2	
1,2-Dichloropropane	8.90		"	10.0		89.0	76.9-129		0.337	20.7	
1,3,5-Trimethylbenzene	9.37		"	10.0		93.7	70.6-127		6.73	18.9	
1,3-Dichlorobenzene	9.75		"	10.0		97.5	77-124		5.70	19.2	
1,3-Dichloropropane	9.64		"	10.0		96.4	75.8-126		6.72	22.1	
1,4-Dichlorobenzene	9.74		"	10.0		97.4	76.6-125		3.66	18.6	
2,2-Dichloropropane	8.11		"	10.0		81.1	69-133		2.92	19.8	
2-Chlorotoluene	9.13		"	10.0		91.3	66.3-119		5.28	21.6	
2-Hexanone	8.71		"	10.0		87.1	70-130		17.9	30	
4-Chlorotoluene	9.25		"	10.0		92.5	69.2-127		4.87	19	
Acetone	10.6		"	10.0		106	70-130		5.13	30	
Benzene	9.42		"	10.0		94.2	76.2-129		1.07	19	
Bromobenzene	8.71		"	10.0		87.1	71.3-123		2.83	20.3	
Bromochloromethane	9.23		"	10.0		92.3	70.8-137		3.30	23.9	
Bromodichloromethane	9.89		"	10.0		98.9	79.7-134		3.38	21	
Bromoform	10.7		"	10.0		107	70.5-141		1.40	21.8	
Bromomethane	10.8		"	10.0		108	43.9-147		9.92	28.4	
Carbon tetrachloride	9.79		"	10.0		97.9	78.1-138		2.69	20.1	
Chlorobenzene	9.55		"	10.0		95.5	80.4-125		2.65	19.9	
Chloroethane	8.46		"	10.0		84.6	55.8-140		0.831	23.3	
Chloroform	10.0		"	10.0		100	76.6-133		1.69	20.3	
Chloromethane	7.85		"	10.0		78.5	48.8-115		2.32	24.5	
cis-1,2-Dichloroethylene	9.77		"	10.0		97.7	75.1-128		0.102	20.5	
cis-1,3-Dichloropropylene	10.0		"	10.0		100	74.5-128		1.48	19.9	
Dibromochloromethane	11.8		"	10.0		118	79.8-134		5.77	21.3	
Dibromomethane	9.79		"	10.0		97.9	79-130		3.91	22.4	
Dichlorodifluoromethane	7.14		"	10.0		71.4	47.1-101		2.12	23.9	
Ethyl Benzene	9.80		"	10.0		98.0	80.8-128		3.11	19.2	
Hexachlorobutadiene	10.6		"	10.0		106	64.8-128		11.8	20.6	
Isopropylbenzene	9.39		"	10.0		93.9	75.5-135		6.83	20	
Methyl tert-butyl ether (MTBE)	8.20		"	10.0		82.0	65.1-140		9.97	23.6	
Methylene chloride	9.64		"	10.0		96.4	61.3-120		2.10	20.4	
Naphthalene	9.61		"	10.0		96.1	62.3-148		5.37	27.1	
n-Butylbenzene	9.20		"	10.0		92.0	67.2-123		9.93	19.1	
n-Propylbenzene	9.25		"	10.0		92.5	70.5-127		6.01	23.4	
o-Xylene	9.19		"	10.0		91.9	75.9-122		1.09	19.3	



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit			Result					RPD	

Batch BH30791 - EPA 5030B

LCS Dup (BH30791-BSD1)

Prepared & Analyzed: 08/16/2013

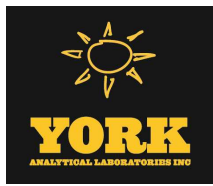
p- & m- Xylenes	19.4		ug/L	20.0		97.0	77.7-127			3.19	18.6
p-Isopropyltoluene	9.83		"	10.0		98.3	75.6-129			9.71	19.1
sec-Butylbenzene	9.58		"	10.0		95.8	71.5-125			8.49	18.9
Styrene	9.75		"	10.0		97.5	77.8-123			1.02	20.9
tert-Butylbenzene	9.65		"	10.0		96.5	75.9-151			6.86	20.9
Tetrachloroethylene	9.90		"	10.0		99.0	63.6-167			8.09	27.7
Toluene	10.1		"	10.0		101	77-123			15.6	18.7
trans-1,2-Dichloroethylene	9.45		"	10.0		94.5	76.3-139			3.66	19.5
trans-1,3-Dichloropropylene	10.4		"	10.0		104	72.5-137			5.78	19.3
Trichloroethylene	9.49		"	10.0		94.9	77.9-130			4.20	20.5
Trichlorofluoromethane	9.80		"	10.0		98.0	57.4-133			3.85	21.4
Vinyl Chloride	8.04		"	10.0		80.4	54.9-124			4.84	22.3
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.6</i>		<i>"</i>	<i>10.0</i>		<i>106</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.89</i>		<i>"</i>	<i>10.0</i>		<i>98.9</i>	<i>81.2-127</i>				

Batch BH30937 - EPA 5030B

Blank (BH30937-BLK1)

Prepared & Analyzed: 08/20/2013

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD	Flag
		Limit								Limit	

Batch BH30937 - EPA 5030B

Blank (BH30937-BLK1)

Prepared & Analyzed: 08/20/2013

Chlorobenzene	ND	0.50	ug/L								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<hr/>											
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>11.2</i>		<i>"</i>	<i>10.0</i>		<i>112</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.43</i>		<i>"</i>	<i>10.0</i>		<i>94.3</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.39</i>		<i>"</i>	<i>10.0</i>		<i>93.9</i>	<i>81.2-127</i>				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

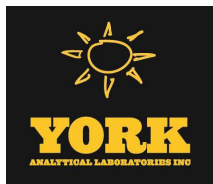
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH30937 - EPA 5030B

LCS (BH30937-BS1)

Prepared & Analyzed: 08/20/2013

1,1,1,2-Tetrachloroethane	11.3		ug/L	10.0		113	82.3-130				
1,1,1-Trichloroethane	11.4		"	10.0		114	75.6-137				
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.96		"	10.0		99.6	71.1-129				
1,1,2-Trichloroethane	11.2		"	10.0		112	74.5-129				
1,1-Dichloroethane	10.2		"	10.0		102	79.6-132				
1,1-Dichloroethylene	9.75		"	10.0		97.5	80.2-146				
1,1-Dichloropropylene	9.81		"	10.0		98.1	75-136				
1,2,3-Trichlorobenzene	11.1		"	10.0		111	66.1-136				
1,2,3-Trichloropropane	10.3		"	10.0		103	63-131				
1,2,4-Trichlorobenzene	11.2		"	10.0		112	70.6-136				
1,2,4-Trimethylbenzene	9.88		"	10.0		98.8	75.3-135				
1,2-Dibromo-3-chloropropane	10.7		"	10.0		107	58.9-140				
1,2-Dibromoethane	12.5		"	10.0		125	79-130				
1,2-Dichlorobenzene	10.4		"	10.0		104	76.1-122				
1,2-Dichloroethane	11.9		"	10.0		119	74.6-132				
1,2-Dichloropropane	11.4		"	10.0		114	76.9-129				
1,3,5-Trimethylbenzene	9.82		"	10.0		98.2	70.6-127				
1,3-Dichlorobenzene	10.3		"	10.0		103	77-124				
1,3-Dichloropropane	10.9		"	10.0		109	75.8-126				
1,4-Dichlorobenzene	10.4		"	10.0		104	76.6-125				
2,2-Dichloropropane	9.44		"	10.0		94.4	69-133				
2-Chlorotoluene	9.40		"	10.0		94.0	66.3-119				
2-Hexanone	11.0		"	10.0		110	70-130				
4-Chlorotoluene	9.81		"	10.0		98.1	69.2-127				
Acetone	10.4		"	10.0		104	70-130				
Benzene	9.96		"	10.0		99.6	76.2-129				
Bromobenzene	9.71		"	10.0		97.1	71.3-123				
Bromochloromethane	10.4		"	10.0		104	70.8-137				
Bromodichloromethane	12.1		"	10.0		121	79.7-134				
Bromoform	12.0		"	10.0		120	70.5-141				
Bromomethane	9.05		"	10.0		90.5	43.9-147				
Carbon tetrachloride	12.0		"	10.0		120	78.1-138				
Chlorobenzene	10.2		"	10.0		102	80.4-125				
Chloroethane	8.48		"	10.0		84.8	55.8-140				
Chloroform	11.1		"	10.0		111	76.6-133				
Chloromethane	6.80		"	10.0		68.0	48.8-115				
cis-1,2-Dichloroethylene	10.1		"	10.0		101	75.1-128				
cis-1,3-Dichloropropylene	13.0		"	10.0		130	74.5-128	High Bias			
Dibromochloromethane	13.6		"	10.0		136	79.8-134	High Bias			
Dibromomethane	12.7		"	10.0		127	79-130				
Dichlorodifluoromethane	5.79		"	10.0		57.9	47.1-101				
Ethyl Benzene	10.4		"	10.0		104	80.8-128				
Hexachlorobutadiene	11.1		"	10.0		111	64.8-128				
Isopropylbenzene	9.86		"	10.0		98.6	75.5-135				
Methyl tert-butyl ether (MTBE)	9.68		"	10.0		96.8	65.1-140				
Methylene chloride	9.81		"	10.0		98.1	61.3-120				
Naphthalene	11.2		"	10.0		112	62.3-148				
n-Butylbenzene	9.50		"	10.0		95.0	67.2-123				
n-Propylbenzene	9.68		"	10.0		96.8	70.5-127				
o-Xylene	9.77		"	10.0		97.7	75.9-122				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH30937 - EPA 5030B

LCS (BH30937-BS1)

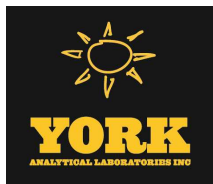
Prepared & Analyzed: 08/20/2013

p- & m- Xylenes	20.3		ug/L	20.0		102	77.7-127				
p-Isopropyltoluene	10.2		"	10.0		102	75.6-129				
sec-Butylbenzene	10.1		"	10.0		101	71.5-125				
Styrene	10.4		"	10.0		104	77.8-123				
tert-Butylbenzene	10.2		"	10.0		102	75.9-151				
Tetrachloroethylene	10.1		"	10.0		101	63.6-167				
Toluene	10.8		"	10.0		108	77-123				
trans-1,2-Dichloroethylene	9.76		"	10.0		97.6	76.3-139				
trans-1,3-Dichloropropylene	12.8		"	10.0		128	72.5-137				
Trichloroethylene	11.3		"	10.0		113	77.9-130				
Trichlorofluoromethane	10.3		"	10.0		103	57.4-133				
Vinyl Chloride	7.57		"	10.0		75.7	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	11.6		"	10.0		116	72.6-129				
Surrogate: p-Bromofluorobenzene	10.4		"	10.0		104	63.5-145				
Surrogate: Toluene-d8	10.8		"	10.0		108	81.2-127				

LCS Dup (BH30937-BSD1)

Prepared & Analyzed: 08/20/2013

1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110	82.3-130		3.05	21.1	
1,1,1-Trichloroethane	11.0		"	10.0		110	75.6-137		3.58	19.7	
1,1,2,2-Tetrachloroethane	9.78		"	10.0		97.8	71.3-131		5.18	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.48		"	10.0		94.8	71.1-129		4.94	21.7	
1,1,2-Trichloroethane	11.2		"	10.0		112	74.5-129		0.714	20.3	
1,1-Dichloroethane	9.98		"	10.0		99.8	79.6-132		2.38	20.6	
1,1-Dichloroethylene	9.28		"	10.0		92.8	80.2-146		4.94	20	
1,1-Dichloropropylene	9.21		"	10.0		92.1	75-136		6.31	19.3	
1,2,3-Trichlorobenzene	10.6		"	10.0		106	66.1-136		4.15	21.6	
1,2,3-Trichloropropane	9.82		"	10.0		98.2	63-131		4.38	23.9	
1,2,4-Trichlorobenzene	10.1		"	10.0		101	70.6-136		9.97	21.7	
1,2,4-Trimethylbenzene	9.46		"	10.0		94.6	75.3-135		4.34	18.8	
1,2-Dibromo-3-chloropropane	9.65		"	10.0		96.5	58.9-140		10.1	27.7	
1,2-Dibromoethane	11.6		"	10.0		116	79-130		7.48	23	
1,2-Dichlorobenzene	9.90		"	10.0		99.0	76.1-122		4.44	19.8	
1,2-Dichloroethane	11.0		"	10.0		110	74.6-132		7.50	20.2	
1,2-Dichloropropane	9.05		"	10.0		90.5	76.9-129		23.2	20.7	Non-dir.
1,3,5-Trimethylbenzene	9.29		"	10.0		92.9	70.6-127		5.55	18.9	
1,3-Dichlorobenzene	9.87		"	10.0		98.7	77-124		4.46	19.2	
1,3-Dichloropropane	10.6		"	10.0		106	75.8-126		2.99	22.1	
1,4-Dichlorobenzene	9.92		"	10.0		99.2	76.6-125		4.24	18.6	
2,2-Dichloropropane	9.34		"	10.0		93.4	69-133		1.06	19.8	
2-Chlorotoluene	9.12		"	10.0		91.2	66.3-119		3.02	21.6	
2-Hexanone	10.4		"	10.0		104	70-130		5.14	30	
4-Chlorotoluene	9.48		"	10.0		94.8	69.2-127		3.42	19	
Acetone	9.69		"	10.0		96.9	70-130		6.97	30	
Benzene	9.56		"	10.0		95.6	76.2-129		4.10	19	
Bromobenzene	9.29		"	10.0		92.9	71.3-123		4.42	20.3	
Bromochloromethane	10.1		"	10.0		101	70.8-137		3.13	23.9	
Bromodichloromethane	10.6		"	10.0		106	79.7-134		13.4	21	
Bromoform	11.5		"	10.0		115	70.5-141		3.57	21.8	
Bromomethane	9.32		"	10.0		93.2	43.9-147		2.94	28.4	
Carbon tetrachloride	11.3		"	10.0		113	78.1-138		5.92	20.1	
Chlorobenzene	9.94		"	10.0		99.4	80.4-125		3.07	19.9	
Chloroethane	8.24		"	10.0		82.4	55.8-140		2.87	23.3	



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

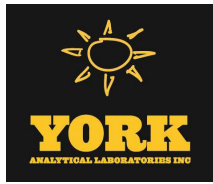
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH30937 - EPA 5030B

LCS Dup (BH30937-BSD1)

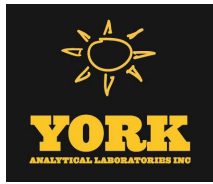
Prepared & Analyzed: 08/20/2013

Chloroform	10.6		ug/L	10.0		106	76.6-133		3.87	20.3	
Chloromethane	6.49		"	10.0		64.9	48.8-115		4.67	24.5	
cis-1,2-Dichloroethylene	9.57		"	10.0		95.7	75.1-128		5.69	20.5	
cis-1,3-Dichloropropylene	10.6		"	10.0		106	74.5-128		20.9	19.9	Non-dir.
Dibromochloromethane	12.8		"	10.0		128	79.8-134		6.21	21.3	
Dibromomethane	10.5		"	10.0		105	79-130		18.4	22.4	
Dichlorodifluoromethane	5.29		"	10.0		52.9	47.1-101		9.03	23.9	
Ethyl Benzene	9.99		"	10.0		99.9	80.8-128		3.73	19.2	
Hexachlorobutadiene	10.4		"	10.0		104	64.8-128		6.34	20.6	
Isopropylbenzene	9.54		"	10.0		95.4	75.5-135		3.30	20	
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	65.1-140		10.8	23.6	
Methylene chloride	9.69		"	10.0		96.9	61.3-120		1.23	20.4	
Naphthalene	10.3		"	10.0		103	62.3-148		7.63	27.1	
n-Butylbenzene	8.94		"	10.0		89.4	67.2-123		6.07	19.1	
n-Propylbenzene	9.25		"	10.0		92.5	70.5-127		4.54	23.4	
o-Xylene	9.42		"	10.0		94.2	75.9-122		3.65	19.3	
p- & m- Xylenes	19.5		"	20.0		97.7	77.7-127		4.01	18.6	
p-Isopropyltoluene	9.75		"	10.0		97.5	75.6-129		4.71	19.1	
sec-Butylbenzene	9.57		"	10.0		95.7	71.5-125		4.99	18.9	
Styrene	9.97		"	10.0		99.7	77.8-123		3.74	20.9	
tert-Butylbenzene	9.59		"	10.0		95.9	75.9-151		5.87	20.9	
Tetrachloroethylene	9.59		"	10.0		95.9	63.6-167		5.38	27.7	
Toluene	10.4		"	10.0		104	77-123		3.68	18.7	
trans-1,2-Dichloroethylene	9.49		"	10.0		94.9	76.3-139		2.81	19.5	
trans-1,3-Dichloropropylene	11.8		"	10.0		118	72.5-137		7.80	19.3	
Trichloroethylene	9.21		"	10.0		92.1	77.9-130		20.6	20.5	Non-dir.
Trichlorofluoromethane	9.55		"	10.0		95.5	57.4-133		7.27	21.4	
Vinyl Chloride	7.21		"	10.0		72.1	54.9-124		4.87	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>11.2</i>		<i>"</i>	<i>10.0</i>		<i>112</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.8</i>		<i>"</i>	<i>10.0</i>		<i>108</i>	<i>81.2-127</i>				



Metals by EPA 6000 Series Methods - Quality Control Data
York Analytical Laboratories, Inc.

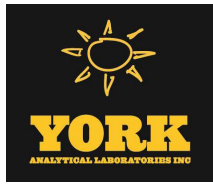
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30749 - EPA 3010A											
Blank (BH30749-BLK1)											
										Prepared & Analyzed: 08/15/2013	
Iron - Dissolved	ND	0.0200	mg/L								
Reference (BH30749-SRM1)											
										Prepared & Analyzed: 08/15/2013	
Iron - Dissolved	1.35	0.0200	mg/L	1.39		97.0	88.4-113				
Batch BH30877 - EPA 3010A											
Blank (BH30877-BLK1)											
										Prepared & Analyzed: 08/19/2013	
Iron - Dissolved	ND	0.0200	mg/L								
Reference (BH30877-SRM1)											
										Prepared & Analyzed: 08/19/2013	
Iron - Dissolved	1.35	0.0200	mg/L	1.39		97.5	88.4-113				



Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30750 - EPA 3010A											
Blank (BH30750-BLK1)											Prepared & Analyzed: 08/15/2013
Iron	ND	0.0200	mg/L								
Reference (BH30750-SRM1)											Prepared & Analyzed: 08/15/2013
Iron	1.38	0.0200	mg/L	1.39		99.4	88.4-113				
Batch BH30880 - EPA 3010A											
Blank (BH30880-BLK1)											Prepared & Analyzed: 08/19/2013
Iron	ND	0.0200	mg/L								
Reference (BH30880-SRM1)											Prepared & Analyzed: 08/19/2013
Iron	1.40	0.0200	mg/L	1.39		101	88.4-113				



Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH30903 - % Solids Prep

Blank (BH30903-BLK1)

Prepared: 08/19/2013 Analyzed: 08/21/2013

Total Dissolved Solids	ND	1.00	mg/L								
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Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13H0562-01	WQ080613:1040NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13H0562-02	WQ080613:1045NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13H0565-01	WQ080613:1050NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-LSRD	Original sample conc <50 X reporting limit.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
HT-02	NON-COMPLIANT-This sample was received outside the EPA recommended holding time.
ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

Corrective Action: Client submitted sample for TDS Out of Hold Time - 08/15/2013

YORK

ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

York Project No. 13HO562

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

YOUR Information Company: <u>LBG</u> Address: <u>4 Research Dr Suite 301</u> <u>Shelton, CT 06484</u> Phone No: <u>203-929-8555</u> Contact Person: <u>Tunde Sandoz</u> E-Mail Address: <u>Tsandoz@LBGCT.com</u>		Report To: Company: <u>Same</u> Address: _____ Phone No: _____ Attention: _____ E-Mail Address: _____		Invoice To: Company: <u>Same</u> Address: _____ Phone No: _____ Attention: _____ E-Mail Address: _____		YOUR Project ID Metals: _____ Semi-Volat: _____ Volatiles: _____ TICS: _____ Site Spec: _____ NASSAU Co. _____ SUFFOLK Co. _____ METE _____ TOLIST _____ TAGM list _____ CT RCP list _____ Arom. only _____ Halog. only _____ App. IX list _____ SLP or TCLP _____ 603 PCB _____		Turn-Around Time RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard (5-7 Days) <input checked="" type="checkbox"/>		Report Type Summary Report <u>X</u> pdf Summary w/ QA Summary <u>X</u> pdf CT RCP Package CTCRP DQA/DUE Pkg NY ASP A Package NY ASP B Package <u>NP2 HQ only</u> pdf. NUDEP Red. Deliv. Electronic Data Deliverables (EDD) Simple Excel <input checked="" type="checkbox"/> NYSDEC EQ/US EQ/US (std) EZ-EDD (EQ/US) NUDEP SRP HazSite EDD GIS/KEY (std) Other _____ York Regulatory Comparison Excel Spreadsheet Compare to the following Regs. (insert fill in)	
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Matrix Codes S - soil Other - specify (oil, etc) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Matrix Codes STARS list BN Only Acids Only PAH list TAGM list Site Spec SLP or TCLP Total TCLP Pest TCLP Herb SLP or TCLP Air VPH Chlordane App. IX TCLP BNA 603 Pest SLP or TCLP 603 PCB		Metals RCRA8 PP13 list TAL CT15 list TAGM list NUDEP list Air TO14A Air TO15 Air STARS SLP or TCLP Air VPH Air TICs Methane Pesticide PCBs		Full Lists Pri. Pool TCL Organs Full TCLP Full App. IX Site Anal. Heterocyclics Par 300 Par 300 Par 300 Par 300 NYDEC Sewer TOC Adhesives Silica	
--	--	---	--	---	--	--	--

Sample Identification WDE50413 10X001P2-6 WDE50413 10X001P2-7 WDE50413 10X001P2-10		Date Sampled 8/6/13 10:20 10:15 10:30		Sample Matrix GW GW GW		Choose Analyses Needed from the Menu Above and Enter Below Fe by EPA 800.71 Fe, Dissolved by EPA 6010 (SW 846-6010) / VCcs, R260 list - EPA SW 845-8260B, plus from 113 Fe by EPA 800.71 Fe, Dissolved by EPA 6010 (SW 846-6010) / VCcs R260 list - EPA SW 845-8260B, plus from 113 / TDS (9M 2540.c)		Container Description(s) 2 3v 2p 3v 2p 3v 2p		Comments Preservation _____ Check freeze applicable _____ Special Instructions _____ Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>		Temperature on Receipt 35 °C	
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Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in until the turn-around-time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature): [Signature]
Name (printed): STEPHEN ADAM

4°C Frozen MeOH _____
 HNO₃ H₂SO₄ _____ NaOH _____
 ZnAc _____ Ascorbic Acid _____ Other _____

Samples Returned/Received By: [Signature] Date/Time: 8/14/13 13:00
 Samples Returned/Received By: [Signature] Date/Time: 8/14/13 13:00

YORK

ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 13H0565

YOUR Information Company: <u>LBG</u> Address: <u>4 Research Dr. Suite 301 Shelton, CT 06484</u> Phone No. <u>203-929-8555</u> Contact Person: <u>Tunde Sandor</u> E-Mail Address: <u>TSandor@LBGCT.com</u>	Report To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____	Invoice To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____	YOUR Project ID <u>Apex Industries.</u> Purchase Order No. <u>HAB5AG.</u>	Turn-Around Time RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard (5-7 Days) <input checked="" type="checkbox"/>	Report Type Summary Report <u>X</u> , pdf Summary w/ QA Summary <u>X</u> , pdf CT RCP Package CTRCP DQADUE Pkg NY ASP A Package NY ASP B Package <u>NP2-to only</u> , pdf. NIJEP Red. Deliv. Electronic Data Deliverables (EDDI)
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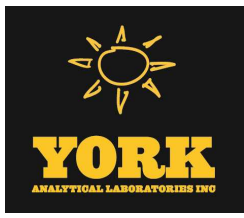
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Matrix Codes S - soil Other - specify (oil, etc) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor	8260 fill 624 STARS list BTEX MTBE TCL list TAGM list Arom. only Halog. only App. IX list 8021B list	Volatiles TICs Site Spec Nassau Co. Suffolk Co. Ketones Oxygenates TCLP list 524.2 NIJEP list SFLP or TCLP	Semi-Volat. <u>Passive/Ret</u> 8270 or 625 STARS list BN Only Acids Only PAH list TAGM list Site Spec. SFLP or TCLP TCLP list NIJEP list App. IX SFLP or TCLP	Metals RCRA8 PP13 list TAL CT15 list TAGM list NIJEP list Total Dissolved SFLP or TCLP Inks/Metals LIST Below	Misc. Org. TPH GRO TPH DRO CT ETPH NY 310-13 Full App. IX Air TO14A Air TO15 Air STARS SFLP or TCLP Air VPH Air TICs Methane Heligon	Full Lists Pri. Poll. TCL Ograns TAL-MetCN Full TCLP Full App. IX Part 360-Heads Part 360-Resid Part 360-Solids Part 360-4 NYCEP Score TOC NYSDG-Cover Asbestos Silica	Misc. Corrosivity Reactivity Ignitability Flash Point Sieve Anal. Heterocyclics TOX BTU/Btu. Aquatic Tox NYCEP Score TOC NYSDG-Cover Asbestos Silica
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Samples Collected/Authorized By (Signature) _____
 Name (printed) STEPHEN HART

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)	Temperature on Receipt
<u>WQ080613-10X00R2-6</u>	<u>8/6/13 10:10</u>	<u>GW</u>	<u>Fe by EPA 200.7/Fe, Dissolved by EPA 6010 (SW 846-6010B) VOCs, 8260 list (EPA SW 845-8260B), plus from 113</u>	<u>2 3V 2p</u>	
<u>WQ080613-1045NR2-7</u>	<u>10:15</u>	<u>GW</u>		<u>3V 2p</u>	
<u>WQ080613-1050NR2-10</u>	<u>10:30</u>	<u>GW</u>	<u>Fe by EPA 200.7/Fe, Dissolved by EPA 6010 (SW 846-6010B) VOCs, 8260 list (EPA SW 845-8260B), plus from 113 / TO5 (SH 2540C)</u>	<u>3V 3p</u>	

Comments Preservation Check those Applicable Special Instructions Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>	4°C <input checked="" type="checkbox"/> Frozen <input checked="" type="checkbox"/> HCl <input checked="" type="checkbox"/> MeOH <input type="checkbox"/> Ascorbic Acid ZnAc <input type="checkbox"/> Other	HNO ₃ <input checked="" type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/>	Samples Received By <u>LBG Field</u> Date/Time <u>8/14/13 9-</u> Samples Received in LAB by <u>Tunde Sandor</u> Date/Time <u>8/14/13 1300</u> Samples Retinquished By _____ Date/Time _____ Samples Retinquished in LAB by _____ Date/Time _____	Temperature on Receipt <u>3.5</u> °C
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Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 301

Shelton CT, 06484

Attention: Tunde Komuves-Sandor

Report Date: 08/21/2013

Client Project ID: Rowe Industries

York Project (SDG) No.: 13H0563

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 08/21/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13H0563

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 14, 2013 and listed below. The project was identified as your project: **Rowe Industries**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
13H0563-01	WQ081313:1000NP2-6	Water	08/13/2013	08/14/2013
13H0563-02	WQ081313:1005NP2-6	Water	08/13/2013	08/14/2013
13H0568-01	WQ081313:1010NP2-10	Water	08/13/2013	08/14/2013

General Notes for York Project (SDG) No.: 13H0563

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

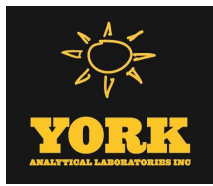
Approved By:



Benjamin Gulizia
Laboratory Director

Date: 08/21/2013

YORK



Sample Information

Client Sample ID: WQ081313:1000NP2-6

York Sample ID: 13H0563-01

York Project (SDG) No.
13H0563

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 13, 2013 10:00 am

Date Received
08/14/2013

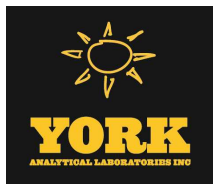
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
71-55-6	1,1,1-Trichloroethane	0.54		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS



Sample Information

Client Sample ID: WQ081313:1000NP2-6

York Sample ID: 13H0563-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0563

Rowe Industries

Water

August 13, 2013 10:00 am

08/14/2013

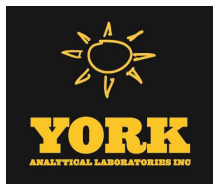
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
156-59-2	cis-1,2-Dichloroethylene	0.28	J	ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
127-18-4	Tetrachloroethylene	2.0		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
79-01-6	Trichloroethylene	0.26	J	ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 18:38	SS



Sample Information

Client Sample ID: WQ081313:1000NP2-6

York Sample ID: 13H0563-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0563

Rowe Industries

Water

August 13, 2013 10:00 am

08/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	115 %			72.6	129					
460-00-4	Surrogate: p-Bromofluorobenzene	95.4 %			63.5	145					
2037-26-5	Surrogate: Toluene-d8	109 %			81.2	127					

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0200	0.0200	1	EPA SW846-6010B	08/15/2013 14:41	08/15/2013 19:13	AMC

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	1.62		mg/L	0.0146	0.0200	1	EPA 200.7	08/15/2013 14:46	08/15/2013 21:00	AMC

Sample Information

Client Sample ID: WQ081313:1005NP2-6

York Sample ID: 13H0563-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0563

Rowe Industries

Water

August 13, 2013 10:05 am

08/14/2013

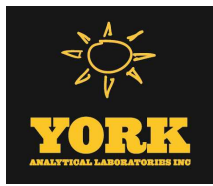
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS



Sample Information

Client Sample ID: WQ081313:1005NP2-6

York Sample ID: 13H0563-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0563

Rowe Industries

Water

August 13, 2013 10:05 am

08/14/2013

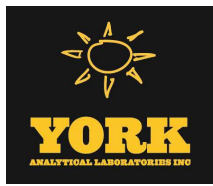
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS



Sample Information

Client Sample ID: WQ081313:1005NP2-6

York Sample ID: 13H0563-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0563

Rowe Industries

Water

August 13, 2013 10:05 am

08/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	08/16/2013 09:15	08/16/2013 19:16	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	113 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	94.2 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	108 %			81.2-127						

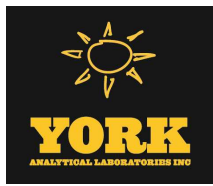
Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.0638		mg/L	0.0200	0.0200	1	EPA SW846-6010B	08/15/2013 14:41	08/15/2013 19:18	AMC



Sample Information

Client Sample ID: WQ081313:1005NP2-6

York Sample ID: 13H0563-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0563

Rowe Industries

Water

August 13, 2013 10:05 am

08/14/2013

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	1.06		mg/L	0.0146	0.0200	1	EPA 200.7	08/15/2013 14:46	08/15/2013 21:05	AMC

Sample Information

Client Sample ID: WQ081313:1010NP2-10

York Sample ID: 13H0568-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0568

Rowe Industries

Water

August 13, 2013 10:10 am

08/14/2013

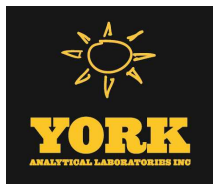
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS



Sample Information

Client Sample ID: WQ081313:1010NP2-10

York Sample ID: 13H0568-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0568

Rowe Industries

Water

August 13, 2013 10:10 am

08/14/2013

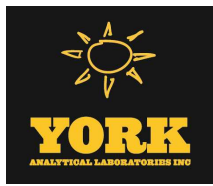
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
74-87-3	Chloromethane	0.23	J	ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS



Sample Information

Client Sample ID: WQ081313:1010NP2-10

York Sample ID: 13H0568-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0568

Rowe Industries

Water

August 13, 2013 10:10 am

08/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	08/20/2013 10:05	08/20/2013 15:51	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	123 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	90.0 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	107 %			81.2-127						

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.0363		mg/L	0.0200	0.0200	1	EPA SW846-6010B	08/19/2013 13:15	08/19/2013 17:13	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.659		mg/L	0.0146	0.0200	1	EPA 200.7	08/19/2013 13:29	08/19/2013 22:58	MW

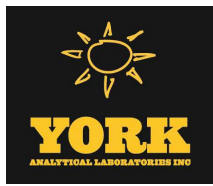
Total Dissolved Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	109		mg/L	1.00	1.00	1	SM 2540C	08/19/2013 16:32	08/20/2013 15:23	BGS



Analytical Batch Summary

Batch ID: BH30749 **Preparation Method:** EPA 3010A **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
13H0563-01	WQ081313:1000NP2-6	08/15/13
13H0563-02	WQ081313:1005NP2-6	08/15/13
BH30749-BLK1	Blank	08/15/13
BH30749-SRM1	Reference	08/15/13

Batch ID: BH30750 **Preparation Method:** EPA 3010A **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
13H0563-01	WQ081313:1000NP2-6	08/15/13
13H0563-02	WQ081313:1005NP2-6	08/15/13
BH30750-BLK1	Blank	08/15/13
BH30750-SRM1	Reference	08/15/13

Batch ID: BH30791 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13H0563-01	WQ081313:1000NP2-6	08/16/13
13H0563-02	WQ081313:1005NP2-6	08/16/13
BH30791-BLK1	Blank	08/16/13
BH30791-BS1	LCS	08/16/13
BH30791-BSD1	LCS Dup	08/16/13

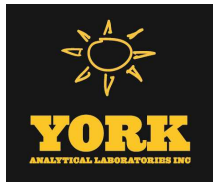
Batch ID: BH30877 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13H0568-01	WQ081313:1010NP2-10	08/19/13
BH30877-BLK1	Blank	08/19/13
BH30877-DUP1	Duplicate	08/19/13
BH30877-MS1	Matrix Spike	08/19/13
BH30877-SRM1	Reference	08/19/13

Batch ID: BH30880 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13H0568-01	WQ081313:1010NP2-10	08/19/13
BH30880-BLK1	Blank	08/19/13
BH30880-DUP1	Duplicate	08/19/13
BH30880-MS1	Matrix Spike	08/19/13
BH30880-SRM1	Reference	08/19/13

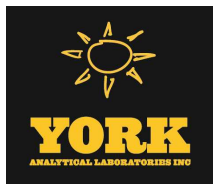
Batch ID: BH30903 **Preparation Method:** % Solids Prep **Prepared By:** BGS



YORK Sample ID	Client Sample ID	Preparation Date
13H0568-01	WQ081313:1010NP2-10	08/19/13
BH30903-BLK1	Blank	08/19/13

Batch ID: BH30937 **Preparation Method:** EPA 5030B **Prepared By:** SS

YORK Sample ID	Client Sample ID	Preparation Date
13H0568-01	WQ081313:1010NP2-10	08/20/13
BH30937-BLK1	Blank	08/20/13
BH30937-BS1	LCS	08/20/13
BH30937-BSD1	LCS Dup	08/20/13



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH30791 - EPA 5030B

Blank (BH30791-BLK1)

Prepared & Analyzed: 08/16/2013

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit			Result					RPD	

Batch BH30791 - EPA 5030B

Blank (BH30791-BLK1)

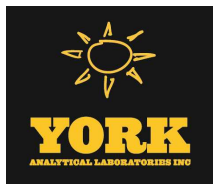
Prepared & Analyzed: 08/16/2013

p- & m- Xylenes	ND	1.0	ug/L								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>11.1</i>		<i>"</i>	<i>10.0</i>		<i>111</i>		<i>72.6-129</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.25</i>		<i>"</i>	<i>10.0</i>		<i>92.5</i>		<i>63.5-145</i>			
<i>Surrogate: Toluene-d8</i>	<i>10.6</i>		<i>"</i>	<i>10.0</i>		<i>106</i>		<i>81.2-127</i>			

LCS (BH30791-BS1)

Prepared & Analyzed: 08/16/2013

1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100		82.3-130			
1,1,1-Trichloroethane	10.3		"	10.0		103		75.6-137			
1,1,2,2-Tetrachloroethane	9.79		"	10.0		97.9		71.3-131			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.61		"	10.0		96.1		71.1-129			
1,1,2-Trichloroethane	10.8		"	10.0		108		74.5-129			
1,1-Dichloroethane	9.42		"	10.0		94.2		79.6-132			
1,1-Dichloroethylene	9.11		"	10.0		91.1		80.2-146			
1,1-Dichloropropylene	8.82		"	10.0		88.2		75-136			
1,2,3-Trichlorobenzene	9.92		"	10.0		99.2		66.1-136			
1,2,3-Trichloropropane	9.64		"	10.0		96.4		63-131			
1,2,4-Trichlorobenzene	9.64		"	10.0		96.4		70.6-136			
1,2,4-Trimethylbenzene	8.89		"	10.0		88.9		75.3-135			
1,2-Dibromo-3-chloropropane	10.5		"	10.0		105		58.9-140			
1,2-Dibromoethane	10.6		"	10.0		106		79-130			
1,2-Dichlorobenzene	9.28		"	10.0		92.8		76.1-122			
1,2-Dichloroethane	10.6		"	10.0		106		74.6-132			
1,2-Dichloropropane	8.93		"	10.0		89.3		76.9-129			
1,3,5-Trimethylbenzene	8.76		"	10.0		87.6		70.6-127			
1,3-Dichlorobenzene	9.21		"	10.0		92.1		77-124			
1,3-Dichloropropane	10.3		"	10.0		103		75.8-126			
1,4-Dichlorobenzene	9.39		"	10.0		93.9		76.6-125			
2,2-Dichloropropane	8.35		"	10.0		83.5		69-133			
2-Chlorotoluene	8.66		"	10.0		86.6		66.3-119			
2-Hexanone	10.4		"	10.0		104		70-130			
4-Chlorotoluene	8.81		"	10.0		88.1		69.2-127			
Acetone	10.1		"	10.0		101		70-130			
Benzene	9.32		"	10.0		93.2		76.2-129			
Bromobenzene	8.96		"	10.0		89.6		71.3-123			
Bromochloromethane	9.54		"	10.0		95.4		70.8-137			
Bromodichloromethane	10.2		"	10.0		102		79.7-134			
Bromoform	10.8		"	10.0		108		70.5-141			
Bromomethane	9.77		"	10.0		97.7		43.9-147			
Carbon tetrachloride	9.53		"	10.0		95.3		78.1-138			
Chlorobenzene	9.30		"	10.0		93.0		80.4-125			



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

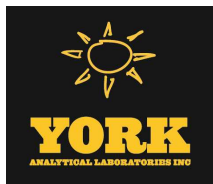
Analyte	Result	Reporting	Units	Spike Level	Source*	%REC	%REC Limits	Flag	RPD	RPD	Flag
		Limit			Result					Limit	

Batch BH30791 - EPA 5030B

LCS (BH30791-BS1)

Prepared & Analyzed: 08/16/2013

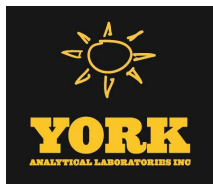
Chloroethane	8.39		ug/L	10.0		83.9	55.8-140				
Chloroform	10.2		"	10.0		102	76.6-133				
Chloromethane	7.67		"	10.0		76.7	48.8-115				
cis-1,2-Dichloroethylene	9.78		"	10.0		97.8	75.1-128				
cis-1,3-Dichloropropylene	10.2		"	10.0		102	74.5-128				
Dibromochloromethane	12.5		"	10.0		125	79.8-134				
Dibromomethane	10.2		"	10.0		102	79-130				
Dichlorodifluoromethane	6.99		"	10.0		69.9	47.1-101				
Ethyl Benzene	9.50		"	10.0		95.0	80.8-128				
Hexachlorobutadiene	9.40		"	10.0		94.0	64.8-128				
Isopropylbenzene	8.77		"	10.0		87.7	75.5-135				
Methyl tert-butyl ether (MTBE)	9.06		"	10.0		90.6	65.1-140				
Methylene chloride	9.44		"	10.0		94.4	61.3-120				
Naphthalene	10.1		"	10.0		101	62.3-148				
n-Butylbenzene	8.33		"	10.0		83.3	67.2-123				
n-Propylbenzene	8.71		"	10.0		87.1	70.5-127				
o-Xylene	9.09		"	10.0		90.9	75.9-122				
p- & m- Xylenes	18.8		"	20.0		94.0	77.7-127				
p-Isopropyltoluene	8.92		"	10.0		89.2	75.6-129				
sec-Butylbenzene	8.80		"	10.0		88.0	71.5-125				
Styrene	9.85		"	10.0		98.5	77.8-123				
tert-Butylbenzene	9.01		"	10.0		90.1	75.9-151				
Tetrachloroethylene	9.13		"	10.0		91.3	63.6-167				
Toluene	8.62		"	10.0		86.2	77-123				
trans-1,2-Dichloroethylene	9.11		"	10.0		91.1	76.3-139				
trans-1,3-Dichloropropylene	11.0		"	10.0		110	72.5-137				
Trichloroethylene	9.10		"	10.0		91.0	77.9-130				
Trichlorofluoromethane	9.43		"	10.0		94.3	57.4-133				
Vinyl Chloride	7.66		"	10.0		76.6	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>11.5</i>		<i>"</i>	<i>10.0</i>		<i>115</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.32</i>		<i>"</i>	<i>10.0</i>		<i>93.2</i>	<i>81.2-127</i>				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30791 - EPA 5030B											
LCS Dup (BH30791-BSD1)											
Prepared & Analyzed: 08/16/2013											
1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100	82.3-130		0.00		21.1
1,1,1-Trichloroethane	10.4		"	10.0		104	75.6-137		0.867		19.7
1,1,2,2-Tetrachloroethane	8.95		"	10.0		89.5	71.3-131		8.96		20.8
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.85		"	10.0		98.5	71.1-129		2.47		21.7
1,1,2-Trichloroethane	10.3		"	10.0		103	74.5-129		5.04		20.3
1,1-Dichloroethane	9.66		"	10.0		96.6	79.6-132		2.52		20.6
1,1-Dichloroethylene	9.56		"	10.0		95.6	80.2-146		4.82		20
1,1-Dichloropropylene	9.19		"	10.0		91.9	75-136		4.11		19.3
1,2,3-Trichlorobenzene	10.1		"	10.0		101	66.1-136		1.80		21.6
1,2,3-Trichloropropane	9.35		"	10.0		93.5	63-131		3.05		23.9
1,2,4-Trichlorobenzene	10.0		"	10.0		100	70.6-136		3.97		21.7
1,2,4-Trimethylbenzene	9.45		"	10.0		94.5	75.3-135		6.11		18.8
1,2-Dibromo-3-chloropropane	9.91		"	10.0		99.1	58.9-140		5.69		27.7
1,2-Dibromoethane	9.95		"	10.0		99.5	79-130		6.61		23
1,2-Dichlorobenzene	9.49		"	10.0		94.9	76.1-122		2.24		19.8
1,2-Dichloroethane	10.2		"	10.0		102	74.6-132		4.05		20.2
1,2-Dichloropropane	8.90		"	10.0		89.0	76.9-129		0.337		20.7
1,3,5-Trimethylbenzene	9.37		"	10.0		93.7	70.6-127		6.73		18.9
1,3-Dichlorobenzene	9.75		"	10.0		97.5	77-124		5.70		19.2
1,3-Dichloropropane	9.64		"	10.0		96.4	75.8-126		6.72		22.1
1,4-Dichlorobenzene	9.74		"	10.0		97.4	76.6-125		3.66		18.6
2,2-Dichloropropane	8.11		"	10.0		81.1	69-133		2.92		19.8
2-Chlorotoluene	9.13		"	10.0		91.3	66.3-119		5.28		21.6
2-Hexanone	8.71		"	10.0		87.1	70-130		17.9		30
4-Chlorotoluene	9.25		"	10.0		92.5	69.2-127		4.87		19
Acetone	10.6		"	10.0		106	70-130		5.13		30
Benzene	9.42		"	10.0		94.2	76.2-129		1.07		19
Bromobenzene	8.71		"	10.0		87.1	71.3-123		2.83		20.3
Bromochloromethane	9.23		"	10.0		92.3	70.8-137		3.30		23.9
Bromodichloromethane	9.89		"	10.0		98.9	79.7-134		3.38		21
Bromoform	10.7		"	10.0		107	70.5-141		1.40		21.8
Bromomethane	10.8		"	10.0		108	43.9-147		9.92		28.4
Carbon tetrachloride	9.79		"	10.0		97.9	78.1-138		2.69		20.1
Chlorobenzene	9.55		"	10.0		95.5	80.4-125		2.65		19.9
Chloroethane	8.46		"	10.0		84.6	55.8-140		0.831		23.3
Chloroform	10.0		"	10.0		100	76.6-133		1.69		20.3
Chloromethane	7.85		"	10.0		78.5	48.8-115		2.32		24.5
cis-1,2-Dichloroethylene	9.77		"	10.0		97.7	75.1-128		0.102		20.5
cis-1,3-Dichloropropylene	10.0		"	10.0		100	74.5-128		1.48		19.9
Dibromochloromethane	11.8		"	10.0		118	79.8-134		5.77		21.3
Dibromomethane	9.79		"	10.0		97.9	79-130		3.91		22.4
Dichlorodifluoromethane	7.14		"	10.0		71.4	47.1-101		2.12		23.9
Ethyl Benzene	9.80		"	10.0		98.0	80.8-128		3.11		19.2
Hexachlorobutadiene	10.6		"	10.0		106	64.8-128		11.8		20.6
Isopropylbenzene	9.39		"	10.0		93.9	75.5-135		6.83		20
Methyl tert-butyl ether (MTBE)	8.20		"	10.0		82.0	65.1-140		9.97		23.6
Methylene chloride	9.64		"	10.0		96.4	61.3-120		2.10		20.4
Naphthalene	9.61		"	10.0		96.1	62.3-148		5.37		27.1
n-Butylbenzene	9.20		"	10.0		92.0	67.2-123		9.93		19.1
n-Propylbenzene	9.25		"	10.0		92.5	70.5-127		6.01		23.4
o-Xylene	9.19		"	10.0		91.9	75.9-122		1.09		19.3



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit			Result					RPD	

Batch BH30791 - EPA 5030B

LCS Dup (BH30791-BSD1)

Prepared & Analyzed: 08/16/2013

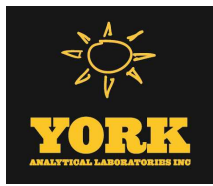
p- & m- Xylenes	19.4		ug/L	20.0		97.0	77.7-127		3.19	18.6
p-Isopropyltoluene	9.83		"	10.0		98.3	75.6-129		9.71	19.1
sec-Butylbenzene	9.58		"	10.0		95.8	71.5-125		8.49	18.9
Styrene	9.75		"	10.0		97.5	77.8-123		1.02	20.9
tert-Butylbenzene	9.65		"	10.0		96.5	75.9-151		6.86	20.9
Tetrachloroethylene	9.90		"	10.0		99.0	63.6-167		8.09	27.7
Toluene	10.1		"	10.0		101	77-123		15.6	18.7
trans-1,2-Dichloroethylene	9.45		"	10.0		94.5	76.3-139		3.66	19.5
trans-1,3-Dichloropropylene	10.4		"	10.0		104	72.5-137		5.78	19.3
Trichloroethylene	9.49		"	10.0		94.9	77.9-130		4.20	20.5
Trichlorofluoromethane	9.80		"	10.0		98.0	57.4-133		3.85	21.4
Vinyl Chloride	8.04		"	10.0		80.4	54.9-124		4.84	22.3
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.6</i>		<i>"</i>	<i>10.0</i>		<i>106</i>	<i>72.6-129</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>63.5-145</i>			
<i>Surrogate: Toluene-d8</i>	<i>9.89</i>		<i>"</i>	<i>10.0</i>		<i>98.9</i>	<i>81.2-127</i>			

Batch BH30937 - EPA 5030B

Blank (BH30937-BLK1)

Prepared & Analyzed: 08/20/2013

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L							
1,1,1-Trichloroethane	ND	0.50	"							
1,1,2,2-Tetrachloroethane	ND	0.50	"							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"							
1,1,2-Trichloroethane	ND	0.50	"							
1,1-Dichloroethane	ND	0.50	"							
1,1-Dichloroethylene	ND	0.50	"							
1,1-Dichloropropylene	ND	0.50	"							
1,2,3-Trichlorobenzene	ND	2.0	"							
1,2,3-Trichloropropane	ND	0.50	"							
1,2,4-Trichlorobenzene	ND	2.0	"							
1,2,4-Trimethylbenzene	ND	0.50	"							
1,2-Dibromo-3-chloropropane	ND	2.0	"							
1,2-Dibromoethane	ND	0.50	"							
1,2-Dichlorobenzene	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,2-Dichloropropane	ND	0.50	"							
1,3,5-Trimethylbenzene	ND	0.50	"							
1,3-Dichlorobenzene	ND	0.50	"							
1,3-Dichloropropane	ND	0.50	"							
1,4-Dichlorobenzene	ND	0.50	"							
2,2-Dichloropropane	ND	0.50	"							
2-Chlorotoluene	ND	0.50	"							
2-Hexanone	ND	0.50	"							
4-Chlorotoluene	ND	0.50	"							
Acetone	ND	2.0	"							
Benzene	ND	0.50	"							
Bromobenzene	ND	0.50	"							
Bromochloromethane	ND	0.50	"							
Bromodichloromethane	ND	0.50	"							
Bromoform	ND	0.50	"							
Bromomethane	ND	0.50	"							
Carbon tetrachloride	ND	0.50	"							



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

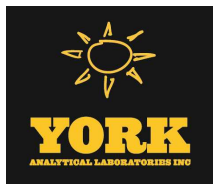
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH30937 - EPA 5030B

Blank (BH30937-BLK1)

Prepared & Analyzed: 08/20/2013

Chlorobenzene	ND	0.50	ug/L								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<hr/>											
Surrogate: 1,2-Dichloroethane-d4	11.2		"	10.0		112	72.6-129				
Surrogate: p-Bromofluorobenzene	9.43		"	10.0		94.3	63.5-145				
Surrogate: Toluene-d8	9.39		"	10.0		93.9	81.2-127				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

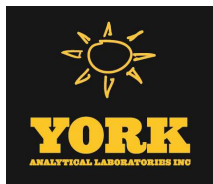
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH30937 - EPA 5030B

LCS (BH30937-BS1)

Prepared & Analyzed: 08/20/2013

1,1,1,2-Tetrachloroethane	11.3		ug/L	10.0		113	82.3-130				
1,1,1-Trichloroethane	11.4		"	10.0		114	75.6-137				
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.96		"	10.0		99.6	71.1-129				
1,1,2-Trichloroethane	11.2		"	10.0		112	74.5-129				
1,1-Dichloroethane	10.2		"	10.0		102	79.6-132				
1,1-Dichloroethylene	9.75		"	10.0		97.5	80.2-146				
1,1-Dichloropropylene	9.81		"	10.0		98.1	75-136				
1,2,3-Trichlorobenzene	11.1		"	10.0		111	66.1-136				
1,2,3-Trichloropropane	10.3		"	10.0		103	63-131				
1,2,4-Trichlorobenzene	11.2		"	10.0		112	70.6-136				
1,2,4-Trimethylbenzene	9.88		"	10.0		98.8	75.3-135				
1,2-Dibromo-3-chloropropane	10.7		"	10.0		107	58.9-140				
1,2-Dibromoethane	12.5		"	10.0		125	79-130				
1,2-Dichlorobenzene	10.4		"	10.0		104	76.1-122				
1,2-Dichloroethane	11.9		"	10.0		119	74.6-132				
1,2-Dichloropropane	11.4		"	10.0		114	76.9-129				
1,3,5-Trimethylbenzene	9.82		"	10.0		98.2	70.6-127				
1,3-Dichlorobenzene	10.3		"	10.0		103	77-124				
1,3-Dichloropropane	10.9		"	10.0		109	75.8-126				
1,4-Dichlorobenzene	10.4		"	10.0		104	76.6-125				
2,2-Dichloropropane	9.44		"	10.0		94.4	69-133				
2-Chlorotoluene	9.40		"	10.0		94.0	66.3-119				
2-Hexanone	11.0		"	10.0		110	70-130				
4-Chlorotoluene	9.81		"	10.0		98.1	69.2-127				
Acetone	10.4		"	10.0		104	70-130				
Benzene	9.96		"	10.0		99.6	76.2-129				
Bromobenzene	9.71		"	10.0		97.1	71.3-123				
Bromochloromethane	10.4		"	10.0		104	70.8-137				
Bromodichloromethane	12.1		"	10.0		121	79.7-134				
Bromoform	12.0		"	10.0		120	70.5-141				
Bromomethane	9.05		"	10.0		90.5	43.9-147				
Carbon tetrachloride	12.0		"	10.0		120	78.1-138				
Chlorobenzene	10.2		"	10.0		102	80.4-125				
Chloroethane	8.48		"	10.0		84.8	55.8-140				
Chloroform	11.1		"	10.0		111	76.6-133				
Chloromethane	6.80		"	10.0		68.0	48.8-115				
cis-1,2-Dichloroethylene	10.1		"	10.0		101	75.1-128				
cis-1,3-Dichloropropylene	13.0		"	10.0		130	74.5-128	High Bias			
Dibromochloromethane	13.6		"	10.0		136	79.8-134	High Bias			
Dibromomethane	12.7		"	10.0		127	79-130				
Dichlorodifluoromethane	5.79		"	10.0		57.9	47.1-101				
Ethyl Benzene	10.4		"	10.0		104	80.8-128				
Hexachlorobutadiene	11.1		"	10.0		111	64.8-128				
Isopropylbenzene	9.86		"	10.0		98.6	75.5-135				
Methyl tert-butyl ether (MTBE)	9.68		"	10.0		96.8	65.1-140				
Methylene chloride	9.81		"	10.0		98.1	61.3-120				
Naphthalene	11.2		"	10.0		112	62.3-148				
n-Butylbenzene	9.50		"	10.0		95.0	67.2-123				
n-Propylbenzene	9.68		"	10.0		96.8	70.5-127				
o-Xylene	9.77		"	10.0		97.7	75.9-122				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH30937 - EPA 5030B

LCS (BH30937-BS1)

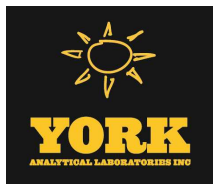
Prepared & Analyzed: 08/20/2013

p- & m- Xylenes	20.3		ug/L	20.0		102	77.7-127				
p-Isopropyltoluene	10.2		"	10.0		102	75.6-129				
sec-Butylbenzene	10.1		"	10.0		101	71.5-125				
Styrene	10.4		"	10.0		104	77.8-123				
tert-Butylbenzene	10.2		"	10.0		102	75.9-151				
Tetrachloroethylene	10.1		"	10.0		101	63.6-167				
Toluene	10.8		"	10.0		108	77-123				
trans-1,2-Dichloroethylene	9.76		"	10.0		97.6	76.3-139				
trans-1,3-Dichloropropylene	12.8		"	10.0		128	72.5-137				
Trichloroethylene	11.3		"	10.0		113	77.9-130				
Trichlorofluoromethane	10.3		"	10.0		103	57.4-133				
Vinyl Chloride	7.57		"	10.0		75.7	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	11.6		"	10.0		116	72.6-129				
Surrogate: p-Bromofluorobenzene	10.4		"	10.0		104	63.5-145				
Surrogate: Toluene-d8	10.8		"	10.0		108	81.2-127				

LCS Dup (BH30937-BSD1)

Prepared & Analyzed: 08/20/2013

1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110	82.3-130		3.05	21.1	
1,1,1-Trichloroethane	11.0		"	10.0		110	75.6-137		3.58	19.7	
1,1,2,2-Tetrachloroethane	9.78		"	10.0		97.8	71.3-131		5.18	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.48		"	10.0		94.8	71.1-129		4.94	21.7	
1,1,2-Trichloroethane	11.2		"	10.0		112	74.5-129		0.714	20.3	
1,1-Dichloroethane	9.98		"	10.0		99.8	79.6-132		2.38	20.6	
1,1-Dichloroethylene	9.28		"	10.0		92.8	80.2-146		4.94	20	
1,1-Dichloropropylene	9.21		"	10.0		92.1	75-136		6.31	19.3	
1,2,3-Trichlorobenzene	10.6		"	10.0		106	66.1-136		4.15	21.6	
1,2,3-Trichloropropane	9.82		"	10.0		98.2	63-131		4.38	23.9	
1,2,4-Trichlorobenzene	10.1		"	10.0		101	70.6-136		9.97	21.7	
1,2,4-Trimethylbenzene	9.46		"	10.0		94.6	75.3-135		4.34	18.8	
1,2-Dibromo-3-chloropropane	9.65		"	10.0		96.5	58.9-140		10.1	27.7	
1,2-Dibromoethane	11.6		"	10.0		116	79-130		7.48	23	
1,2-Dichlorobenzene	9.90		"	10.0		99.0	76.1-122		4.44	19.8	
1,2-Dichloroethane	11.0		"	10.0		110	74.6-132		7.50	20.2	
1,2-Dichloropropane	9.05		"	10.0		90.5	76.9-129		23.2	20.7	Non-dir.
1,3,5-Trimethylbenzene	9.29		"	10.0		92.9	70.6-127		5.55	18.9	
1,3-Dichlorobenzene	9.87		"	10.0		98.7	77-124		4.46	19.2	
1,3-Dichloropropane	10.6		"	10.0		106	75.8-126		2.99	22.1	
1,4-Dichlorobenzene	9.92		"	10.0		99.2	76.6-125		4.24	18.6	
2,2-Dichloropropane	9.34		"	10.0		93.4	69-133		1.06	19.8	
2-Chlorotoluene	9.12		"	10.0		91.2	66.3-119		3.02	21.6	
2-Hexanone	10.4		"	10.0		104	70-130		5.14	30	
4-Chlorotoluene	9.48		"	10.0		94.8	69.2-127		3.42	19	
Acetone	9.69		"	10.0		96.9	70-130		6.97	30	
Benzene	9.56		"	10.0		95.6	76.2-129		4.10	19	
Bromobenzene	9.29		"	10.0		92.9	71.3-123		4.42	20.3	
Bromochloromethane	10.1		"	10.0		101	70.8-137		3.13	23.9	
Bromodichloromethane	10.6		"	10.0		106	79.7-134		13.4	21	
Bromoform	11.5		"	10.0		115	70.5-141		3.57	21.8	
Bromomethane	9.32		"	10.0		93.2	43.9-147		2.94	28.4	
Carbon tetrachloride	11.3		"	10.0		113	78.1-138		5.92	20.1	
Chlorobenzene	9.94		"	10.0		99.4	80.4-125		3.07	19.9	
Chloroethane	8.24		"	10.0		82.4	55.8-140		2.87	23.3	



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

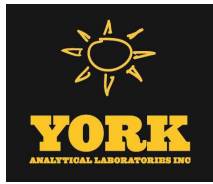
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH30937 - EPA 5030B

LCS Dup (BH30937-BSD1)

Prepared & Analyzed: 08/20/2013

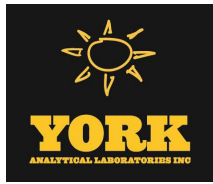
Chloroform	10.6		ug/L	10.0		106	76.6-133		3.87	20.3	
Chloromethane	6.49		"	10.0		64.9	48.8-115		4.67	24.5	
cis-1,2-Dichloroethylene	9.57		"	10.0		95.7	75.1-128		5.69	20.5	
cis-1,3-Dichloropropylene	10.6		"	10.0		106	74.5-128		20.9	19.9	Non-dir.
Dibromochloromethane	12.8		"	10.0		128	79.8-134		6.21	21.3	
Dibromomethane	10.5		"	10.0		105	79-130		18.4	22.4	
Dichlorodifluoromethane	5.29		"	10.0		52.9	47.1-101		9.03	23.9	
Ethyl Benzene	9.99		"	10.0		99.9	80.8-128		3.73	19.2	
Hexachlorobutadiene	10.4		"	10.0		104	64.8-128		6.34	20.6	
Isopropylbenzene	9.54		"	10.0		95.4	75.5-135		3.30	20	
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	65.1-140		10.8	23.6	
Methylene chloride	9.69		"	10.0		96.9	61.3-120		1.23	20.4	
Naphthalene	10.3		"	10.0		103	62.3-148		7.63	27.1	
n-Butylbenzene	8.94		"	10.0		89.4	67.2-123		6.07	19.1	
n-Propylbenzene	9.25		"	10.0		92.5	70.5-127		4.54	23.4	
o-Xylene	9.42		"	10.0		94.2	75.9-122		3.65	19.3	
p- & m- Xylenes	19.5		"	20.0		97.7	77.7-127		4.01	18.6	
p-Isopropyltoluene	9.75		"	10.0		97.5	75.6-129		4.71	19.1	
sec-Butylbenzene	9.57		"	10.0		95.7	71.5-125		4.99	18.9	
Styrene	9.97		"	10.0		99.7	77.8-123		3.74	20.9	
tert-Butylbenzene	9.59		"	10.0		95.9	75.9-151		5.87	20.9	
Tetrachloroethylene	9.59		"	10.0		95.9	63.6-167		5.38	27.7	
Toluene	10.4		"	10.0		104	77-123		3.68	18.7	
trans-1,2-Dichloroethylene	9.49		"	10.0		94.9	76.3-139		2.81	19.5	
trans-1,3-Dichloropropylene	11.8		"	10.0		118	72.5-137		7.80	19.3	
Trichloroethylene	9.21		"	10.0		92.1	77.9-130		20.6	20.5	Non-dir.
Trichlorofluoromethane	9.55		"	10.0		95.5	57.4-133		7.27	21.4	
Vinyl Chloride	7.21		"	10.0		72.1	54.9-124		4.87	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>11.2</i>		<i>"</i>	<i>10.0</i>		<i>112</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.8</i>		<i>"</i>	<i>10.0</i>		<i>108</i>	<i>81.2-127</i>				



Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

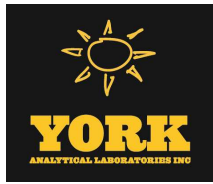
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30749 - EPA 3010A											
Blank (BH30749-BLK1)											Prepared & Analyzed: 08/15/2013
Iron - Dissolved	ND	0.0200	mg/L								
Reference (BH30749-SRM1)											Prepared & Analyzed: 08/15/2013
Iron - Dissolved	1.35	0.0200	mg/L	1.39		97.0	88.4-113				
Batch BH30877 - EPA 3010A											
Blank (BH30877-BLK1)											Prepared & Analyzed: 08/19/2013
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BH30877-DUP1)											Prepared & Analyzed: 08/19/2013
*Source sample: 13H0568-01 (WQ081313:1010NP2-10)											
Iron - Dissolved	0.0480	0.0200	mg/L		0.0363				27.7	20	Non-dir.
Matrix Spike (BH30877-MS1)											Prepared & Analyzed: 08/19/2013
*Source sample: 13H0568-01 (WQ081313:1010NP2-10)											
Iron - Dissolved	1.11	0.0200	mg/L	1.00	0.0363	107	75-125				
Reference (BH30877-SRM1)											Prepared & Analyzed: 08/19/2013
Iron - Dissolved	1.35	0.0200	mg/L	1.39		97.5	88.4-113				



Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30750 - EPA 3010A											
Blank (BH30750-BLK1)										Prepared & Analyzed: 08/15/2013	
Iron	ND	0.0200	mg/L								
Reference (BH30750-SRM1)										Prepared & Analyzed: 08/15/2013	
Iron	1.38	0.0200	mg/L	1.39		99.4	88.4-113				
Batch BH30880 - EPA 3010A											
Blank (BH30880-BLK1)										Prepared & Analyzed: 08/19/2013	
Iron	ND	0.0200	mg/L								
Duplicate (BH30880-DUP1)										*Source sample: 13H0568-01 (WQ081313:1010NP2-10) Prepared & Analyzed: 08/19/2013	
Iron	0.636	0.0200	mg/L		0.659				3.48	20	
Matrix Spike (BH30880-MS1)										*Source sample: 13H0568-01 (WQ081313:1010NP2-10) Prepared & Analyzed: 08/19/2013	
Iron	1.66	0.0200	mg/L	1.00	0.659	99.9	75-125				
Reference (BH30880-SRM1)										Prepared & Analyzed: 08/19/2013	
Iron	1.40	0.0200	mg/L	1.39		101	88.4-113				



Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

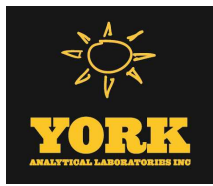
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH30903 - % Solids Prep

Blank (BH30903-BLK1)

Prepared: 08/19/2013 Analyzed: 08/21/2013

Total Dissolved Solids	ND	1.00	mg/L								
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Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13H0563-01	WQ081313:1000NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13H0563-02	WQ081313:1005NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13H0568-01	WQ081313:1010NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-RPD	Sample conc. <5 X reporting limit.
M-LSRD	Original sample conc <50 X reporting limit.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

YORK

ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 13H0563

Page 1 of 1

YOUR Information Company: <u>LBG</u> Address: <u>4 Research Dr. Suite 301 Shelton, CT 06484</u> Phone No. <u>203-929-8555</u> Contact Person: <u>Tunde Sandor</u> E-Mail Address: <u>Tsandor@lbgi.com</u>		Report To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		Invoice To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		YOUR Project ID <u>APwe Industries</u> Purchase Order No. <u>NAB5A6</u> Samples from: CT <u>NY</u> X NJ <u>X</u>		Turn-Around Time RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard (5-7 Days) <input checked="" type="checkbox"/>		Report Type Summary Report <u>X</u> <i>pdf</i> Summary w/ QA Summary <u>X</u> <i>pdf</i> CT RCP Package CT RCP DQA/DUE Pkg NY ASP A Package NY ASP B Package <u>NP2-10 only</u> <i>pdf</i> NUDEP Red. Deliv. Electronic Data Deliverables (EDDL) Simple Excel <input checked="" type="checkbox"/>	
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Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature) _____
Name (printed) STEPHEN TAVAT

Matrix Codes	Volatiles	Semivolatiles	Metals	Misc. Org.	Full Lists	Misc.
S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor	8260 full TICs Site Spec STARS list Nassau Co. Suffolk Co. BTX MTBE TCI list Oxygenates TAGM list TCLP list CT RCP list Aroclor only Halog. only App. IX list 821B list	8270 or 625 STARS list 608 PCB 608 Pest 915 Herb CT RCP App. IX Site Spec. TCLP list TCLP Pest TCLP Herb Chlordane 608 Pest STP or TCLP 608 PCB	RCRAS APP 13 list TAL CT 15 list TAGM list NUDEP list Total Dissolved STP or TCLP Ink Metals LIST Review	TPH GRO TPH DRG CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Petroleum	Pri. Poll. TCI Degrad TAL Mech Full TCLP Full App. IX Pet. 39 Hours Pet. 300 Degrad Pet. 300 Mech Pet. 300 Pest NYCDEP Swm NYSDEC Swm TAGM	Cermsivity Reactivity Ignitability Flash Point Site Anal Micrographs TOX BTU/b. Aroclor Ixx NYCDEP Swm TOC Asbestos Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
<u>W300213.1000.S12-6</u>	<u>8/13/13 1000</u>	<u>GW</u>	<u>Fe by EPA 200.7 Fe, Dissolved by EPA 6010 (SW 846-0010) 100cs, 8260 list (EPA SW 845-8260) plus from 13</u>	<u>3v 2l</u>
<u>W300213.1000.S12-7</u>	<u>1005</u>	<u>GW</u>	<u>Fe by EPA 200.7 Fe, Dissolved by EPA 6010 (SW 846-0010) 100cs 8260 list (EPA SW 845-8260) plus from 13</u>	<u>3v 2l</u>
<u>W300213.1000.S12-10</u>	<u>1010</u>	<u>GW</u>	<u>Fe by EPA 200.7 Fe, Dissolved by EPA 6010 (SW 846-0010) 100cs 8260 list (EPA SW 845-8260) plus from 13</u>	<u>3v 2l</u>

Comments Preservation: <input checked="" type="checkbox"/> Frozen <input type="checkbox"/> HCl <input type="checkbox"/> HNO ₃ <input checked="" type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH Check those applicable: <input checked="" type="checkbox"/> ZnAc <input type="checkbox"/> Ascorbic Acid <input type="checkbox"/> Other	Special Instructions Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>	Samples Relinquished By <u>LBG Field</u> Date/Time <u>8/14/13 9-</u>	Samples Received By <u>[Signature]</u> Date/Time <u>8/14/13 1300</u>	Temperature on Receipt <u>3.5 °C</u>
	Samples Relinquished By _____ Date/Time _____ Samples Received By _____ Date/Time _____			

YORK

ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

Page 1 of 1

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 13H0568

YOUR Information Company: <u>LBG</u> Address: <u>4 Research Dr. Suite 301</u> <u>Shelton, CT 06484</u> Phone No. <u>203-929-8555</u> Contact Person: <u>Tonde Sandor</u> E-Mail Address: <u>Tsandor@lbgt.com</u>		Report To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		Invoice To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		YOUR Project ID Metals: <u>Rowe Industries.</u> Purchase Order No. <u>NAB5A6.</u>		Turn-Around Time RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard (5-7 Days) <input checked="" type="checkbox"/>		Report Type Summary Report <u>X, pdf</u> Summary w/ QA Summary <u>X, pdf</u> CT RCP Package _____ CTRCP DQA/DUE Pkg _____ NY ASP A Package _____ NY ASP B Package <u>NI2-10 only, pdf.</u> NIJEP Red. Deliv. _____ Electronic Data Deliverables (EDD) _____	
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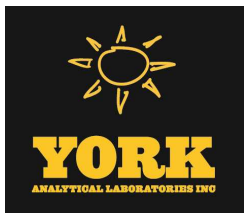
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature) _____
 Name (printed) SIEMEN HAAI

Volatiles	Semi-Vols. / Pest./Control	Metals	Misc. Org.	Full Lists	Misc.
8260 full 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arou. only Halog. only App. IX list 8021B list	8082PCB 8081Pest 8151Herb CT RCP App. IX Site Spec. SPLP/TCLP TCLP Pest TCLP Herb Chlordane 608 Pest SPLP/TCLP 608 PCB	RCRA8 PF13 list TAL CT15 list TAGM list NIJEP list Total Dissolved SPLP/TCLP As TICs LIST Below Halogen	TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 As STARS SPLP/TCLP As TICs Mediane	PH Poll. TCL Organics TAL Me/CN Full TCLP Full App IX Par 360-Routine Par 360-Residue Par 360-Special Par 360-Trace NYJEP-Scout NYSEDC-Scout TAGM Silica	Cerrosity Reactivity Ignitability Flash Point Stress Anal. Heterotrophs TOX BTU/b. Aquatic Tox. TOC Asbestos Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
<u>M2081313-1000N2-6</u>	<u>8/13/13 1000</u>	<u>GW</u>	<u>Fe by EPA 200.7/Fe; Dissolved by EPA 6010 (SW 846-6100) / VOCs, P260 List (EPA SW 845-8260b) plus freeon 113</u>	<u>3v 2p</u>
<u>M2081313-1005N2-7</u>	<u>1005</u>	<u>GW</u>	<u>Fe by EPA 200.7/Fe; Dissolved by EPA 6010 (SW 846-6100) / VOCs</u>	<u>3v 2c</u>
<u>M2081313-1010N2-10</u>	<u>1010</u>	<u>GW</u>	<u>P260 List (EPA SW 845-8260b) plus freeon 113 / TDS (SH 2540c)</u>	<u>3v 3c</u>

Comments Preservation Check those Applicable Special Instructions Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>	4°C <input checked="" type="checkbox"/> Frozen HCl <input checked="" type="checkbox"/> ZnAc MeOH <input checked="" type="checkbox"/> Ascorbic Acid HNO ₃ <input checked="" type="checkbox"/> H ₂ SO ₄ <input checked="" type="checkbox"/> NaOH Other _____	Temperature on Receipt <u>3.5 °C</u>
	Samples Relinquished By <u>[Signature]</u> Date/Time <u>8/14/13 9-</u> Samples Relinquished By <u>[Signature]</u> Date/Time <u>8/14/13 1300</u> Samples Relinquished By <u>[Signature]</u> Date/Time <u>8/14/13 1645</u>	



Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 301

Shelton CT, 06484

Attention: Tunde Komuves-Sandor

Report Date: 08/29/2013

Client Project ID: O&M Sag Harbor (Rowe Industries Site)

York Project (SDG) No.: 13H0836

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 22, 2013 and listed below. The project was identified as your project: **O&M Sag Harbor (Rowe Industries Site)**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
13H0836-01	WQ082013:1140NP2-10	Water	08/20/2013	08/22/2013

General Notes for York Project (SDG) No.: 13H0836

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 08/29/2013





Sample Information

Client Sample ID: WQ082013:1140NP2-10

York Sample ID: 13H0836-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0836

O&M Sag Harbor (Rowe Industries Site)

Water

August 20, 2013 11:40 am

08/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS



Sample Information

Client Sample ID: WQ082013:1140NP2-10

York Sample ID: 13H0836-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0836

O&M Sag Harbor (Rowe Industries Site)

Water

August 20, 2013 11:40 am

08/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:17	SS



Sample Information

Client Sample ID: WQ082013:1140NP2-10

York Sample ID: 13H0836-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0836

O&M Sag Harbor (Rowe Industries Site)

Water

August 20, 2013 11:40 am

08/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.5 %			79	133					
460-00-4	Surrogate: p-Bromofluorobenzene	88.1 %			65	133					
2037-26-5	Surrogate: Toluene-d8	106 %			80	123					

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.0635		mg/L	0.0200	0.0200	1	EPA SW846-6010B	08/23/2013 14:54	08/23/2013 18:02	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.997		mg/L	0.0146	0.0200	1	EPA 200.7	08/23/2013 15:00	08/23/2013 20:28	MW

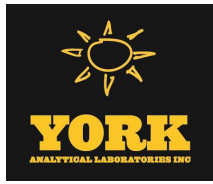
Total Dissolved Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	78.0		mg/L	20.0	20.0	1	SM 2540C	08/26/2013 16:55	08/27/2013 09:50	BGS



Analytical Batch Summary

Batch ID: BH31161

Preparation Method: EPA 3010A

Prepared By: MW

YORK Sample ID	Client Sample ID	Preparation Date
13H0836-01	WQ082013:1140NP2-10	08/23/13
BH31161-BLK1	Blank	08/23/13
BH31161-DUP1	Duplicate	08/23/13
BH31161-MS1	Matrix Spike	08/23/13
BH31161-SRM1	Reference	08/23/13

Batch ID: BH31162

Preparation Method: EPA 3010A

Prepared By: MW

YORK Sample ID	Client Sample ID	Preparation Date
13H0836-01	WQ082013:1140NP2-10	08/23/13
BH31162-BLK1	Blank	08/23/13
BH31162-DUP1	Duplicate	08/23/13
BH31162-MS1	Matrix Spike	08/23/13
BH31162-SRM1	Reference	08/23/13

Batch ID: BH31232

Preparation Method: EPA 5030B

Prepared By: EKM

YORK Sample ID	Client Sample ID	Preparation Date
13H0836-01	WQ082013:1140NP2-10	08/26/13
BH31232-BLK1	Blank	08/26/13
BH31232-BS1	LCS	08/26/13
BH31232-BSD1	LCS Dup	08/26/13

Batch ID: BH31236

Preparation Method: % Solids Prep

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
13H0836-01	WQ082013:1140NP2-10	08/26/13
BH31236-BLK1	Blank	08/26/13



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	Flag	RPD	Limit	Flag
		Limit		Level	Result	Limits		RPD		

Batch BH31232 - EPA 5030B

Blank (BH31232-BLK1)

Prepared: 08/26/2013 Analyzed: 08/27/2013

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	ND	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	0.22	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	ND	2.0	"
Naphthalene	ND	2.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Limit	Flag
		Limit			Result					RPD		

Batch BH31232 - EPA 5030B

Blank (BH31232-BLK1)

Prepared: 08/26/2013 Analyzed: 08/27/2013

p- & m- Xylenes	ND	1.0	ug/L									
p-Isopropyltoluene	ND	0.50	"									
sec-Butylbenzene	ND	0.50	"									
Styrene	ND	0.50	"									
tert-Butylbenzene	ND	0.50	"									
Tetrachloroethylene	ND	0.50	"									
Toluene	ND	0.50	"									
trans-1,2-Dichloroethylene	ND	0.50	"									
trans-1,3-Dichloropropylene	ND	0.50	"									
Trichloroethylene	ND	0.50	"									
Trichlorofluoromethane	ND	0.50	"									
Vinyl Chloride	ND	0.50	"									
Xylenes, Total	ND	1.5	"									
<i>Surrogate: 1,2-Dichloroethane-d4</i>	8.79		"	10.0		87.9		79-133				
<i>Surrogate: p-Bromofluorobenzene</i>	9.31		"	10.0		93.1		65-133				
<i>Surrogate: Toluene-d8</i>	10.5		"	10.0		105		80-123				

LCS (BH31232-BS1)

Prepared: 08/26/2013 Analyzed: 08/27/2013

1,1,1,2-Tetrachloroethane	9.08		ug/L	10.0		90.8		84-127				
1,1,1-Trichloroethane	8.78		"	10.0		87.8		80-131				
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104		76-120				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.82		"	10.0		98.2		70-133				
1,1,2-Trichloroethane	10.1		"	10.0		101		73-124				
1,1-Dichloroethane	8.89		"	10.0		88.9		79-123				
1,1-Dichloroethylene	8.63		"	10.0		86.3		71-123				
1,1-Dichloropropylene	9.73		"	10.0		97.3		73-117				
1,2,3-Trichlorobenzene	9.37		"	10.0		93.7		78-117				
1,2,3-Trichloropropane	9.52		"	10.0		95.2		68-119				
1,2,4-Trichlorobenzene	9.53		"	10.0		95.3		78-117				
1,2,4-Trimethylbenzene	10.4		"	10.0		104		68-134				
1,2-Dibromo-3-chloropropane	9.80		"	10.0		98.0		73-129				
1,2-Dibromoethane	10.0		"	10.0		100		73-139				
1,2-Dichlorobenzene	9.36		"	10.0		93.6		83-110				
1,2-Dichloroethane	8.26		"	10.0		82.6		81-120				
1,2-Dichloropropane	9.57		"	10.0		95.7		76-120				
1,3,5-Trimethylbenzene	10.5		"	10.0		105		74-121				
1,3-Dichlorobenzene	9.57		"	10.0		95.7		82-112				
1,3-Dichloropropane	10.8		"	10.0		108		77-122				
1,4-Dichlorobenzene	9.32		"	10.0		93.2		83-110				
2,2-Dichloropropane	8.23		"	10.0		82.3		50-163				
2-Chlorotoluene	10.1		"	10.0		101		74-115				
2-Hexanone	8.03		"	10.0		80.3		65-130				
4-Chlorotoluene	9.81		"	10.0		98.1		77-119				
Acetone	7.00		"	10.0		70.0		54-129				
Benzene	10.2		"	10.0		102		77-122				
Bromobenzene	11.1		"	10.0		111		76-114				
Bromochloromethane	8.03		"	10.0		80.3		73-125				
Bromodichloromethane	10.4		"	10.0		104		83-120				
Bromoform	8.87		"	10.0		88.7		72-139				
Bromomethane	9.05		"	10.0		90.5		52-128				
Carbon tetrachloride	8.21		"	10.0		82.1		66-152				
Chlorobenzene	9.47		"	10.0		94.7		85-113				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result					Limit			

Batch BH31232 - EPA 5030B

LCS (BH31232-BS1)

Prepared: 08/26/2013 Analyzed: 08/27/2013

Chloroethane	8.52		ug/L	10.0		85.2	60-124						
Chloroform	9.01		"	10.0		90.1	82-119						
Chloromethane	7.00		"	10.0		70.0	42-126						
cis-1,2-Dichloroethylene	9.24		"	10.0		92.4	79-116						
cis-1,3-Dichloropropylene	11.6		"	10.0		116	85-134						
Dibromochloromethane	8.99		"	10.0		89.9	74-151						
Dibromomethane	9.15		"	10.0		91.5	74-128						
Dichlorodifluoromethane	7.14		"	10.0		71.4	10-146						
Ethyl Benzene	10.5		"	10.0		105	85-125						
Hexachlorobutadiene	9.48		"	10.0		94.8	69-131						
Isopropylbenzene	11.0		"	10.0		110	71-128						
Methyl tert-butyl ether (MTBE)	8.25		"	10.0		82.5	51-134						
Methylene chloride	8.00		"	10.0		80.0	76-122						
Naphthalene	9.61		"	10.0		96.1	72-127						
n-Butylbenzene	10.2		"	10.0		102	69-127						
n-Propylbenzene	10.3		"	10.0		103	70-129						
o-Xylene	10.2		"	10.0		102	83-117						
p- & m- Xylenes	20.4		"	20.0		102	80-126						
p-Isopropyltoluene	10.3		"	10.0		103	74-130						
sec-Butylbenzene	10.8		"	10.0		108	72-132						
Styrene	10.6		"	10.0		106	62-160						
tert-Butylbenzene	10.4		"	10.0		104	75-129						
Tetrachloroethylene	7.04		"	10.0		70.4	67-118						
Toluene	10.2		"	10.0		102	82-118						
trans-1,2-Dichloroethylene	8.82		"	10.0		88.2	76-119						
trans-1,3-Dichloropropylene	11.3		"	10.0		113	80-137						
Trichloroethylene	10.1		"	10.0		101	71-122						
Trichlorofluoromethane	8.17		"	10.0		81.7	67-130						
Vinyl Chloride	8.53		"	10.0		85.3	49-125						
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>8.53</i>		<i>"</i>	<i>10.0</i>		<i>85.3</i>	<i>79-133</i>						
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.43</i>		<i>"</i>	<i>10.0</i>		<i>94.3</i>	<i>65-133</i>						
<i>Surrogate: Toluene-d8</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>80-123</i>						



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit							Units	Level

Batch BH31232 - EPA 5030B

LCS Dup (BH31232-bsd1)

Prepared: 08/26/2013 Analyzed: 08/27/2013

1,1,1,2-Tetrachloroethane	9.24		ug/L	10.0		92.4	84-127		1.75	30
1,1,1-Trichloroethane	8.82		"	10.0		88.2	80-131		0.455	30
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	76-120		3.33	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.61		"	10.0		96.1	70-133		2.16	30
1,1,2-Trichloroethane	10.3		"	10.0		103	73-124		2.16	30
1,1-Dichloroethane	9.01		"	10.0		90.1	79-123		1.34	30
1,1-Dichloroethylene	8.61		"	10.0		86.1	71-123		0.232	30
1,1-Dichloropropylene	9.83		"	10.0		98.3	73-117		1.02	30
1,2,3-Trichlorobenzene	9.69		"	10.0		96.9	78-117		3.36	30
1,2,3-Trichloropropane	10.3		"	10.0		103	68-119		7.97	30
1,2,4-Trichlorobenzene	10.0		"	10.0		100	78-117		4.91	30
1,2,4-Trimethylbenzene	10.6		"	10.0		106	68-134		1.53	30
1,2-Dibromo-3-chloropropane	10.1		"	10.0		101	73-129		3.31	30
1,2-Dibromoethane	9.92		"	10.0		99.2	73-139		1.30	30
1,2-Dichlorobenzene	9.56		"	10.0		95.6	83-110		2.11	30
1,2-Dichloroethane	8.47		"	10.0		84.7	81-120		2.51	30
1,2-Dichloropropane	9.56		"	10.0		95.6	76-120		0.105	30
1,3,5-Trimethylbenzene	10.7		"	10.0		107	74-121		1.89	30
1,3-Dichlorobenzene	9.75		"	10.0		97.5	82-112		1.86	30
1,3-Dichloropropane	11.3		"	10.0		113	77-122		4.52	30
1,4-Dichlorobenzene	9.55		"	10.0		95.5	83-110		2.44	30
2,2-Dichloropropane	9.03		"	10.0		90.3	50-163		9.27	30
2-Chlorotoluene	10.4		"	10.0		104	74-115		2.44	30
2-Hexanone	8.50		"	10.0		85.0	65-130		5.69	30
4-Chlorotoluene	10.0		"	10.0		100	77-119		2.32	30
Acetone	7.15		"	10.0		71.5	54-129		2.12	30
Benzene	10.3		"	10.0		103	77-122		1.46	30
Bromobenzene	11.3		"	10.0		113	76-114		1.61	30
Bromochloromethane	8.20		"	10.0		82.0	73-125		2.09	30
Bromodichloromethane	10.6		"	10.0		106	83-120		1.81	30
Bromoform	9.27		"	10.0		92.7	72-139		4.41	30
Bromomethane	9.24		"	10.0		92.4	52-128		2.08	30
Carbon tetrachloride	8.38		"	10.0		83.8	66-152		2.05	30
Chlorobenzene	9.72		"	10.0		97.2	85-113		2.61	30
Chloroethane	8.74		"	10.0		87.4	60-124		2.55	30
Chloroform	9.19		"	10.0		91.9	82-119		1.98	30
Chloromethane	7.14		"	10.0		71.4	42-126		1.98	30
cis-1,2-Dichloroethylene	9.38		"	10.0		93.8	79-116		1.50	30
cis-1,3-Dichloropropylene	11.9		"	10.0		119	85-134		2.73	30
Dibromochloromethane	9.48		"	10.0		94.8	74-151		5.31	30
Dibromomethane	9.31		"	10.0		93.1	74-128		1.73	30
Dichlorodifluoromethane	7.22		"	10.0		72.2	10-146		1.11	30
Ethyl Benzene	10.7		"	10.0		107	85-125		1.89	30
Hexachlorobutadiene	9.97		"	10.0		99.7	69-131		5.04	30
Isopropylbenzene	11.2		"	10.0		112	71-128		1.89	30
Methyl tert-butyl ether (MTBE)	8.38		"	10.0		83.8	51-134		1.56	30
Methylene chloride	8.21		"	10.0		82.1	76-122		2.59	30
Naphthalene	10.2		"	10.0		102	72-127		5.96	30
n-Butylbenzene	10.3		"	10.0		103	69-127		1.46	30
n-Propylbenzene	10.6		"	10.0		106	70-129		2.59	30
o-Xylene	10.4		"	10.0		104	83-117		2.23	30



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

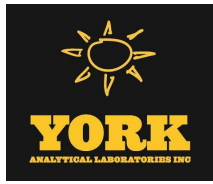
Analyte	Result	Reporting	Units	Spike Level	Source*	%REC	%REC Limits	Flag	RPD	RPD	Flag
		Limit			Result					Limit	

Batch BH31232 - EPA 5030B

LCS Dup (BH31232-BSD1)

Prepared: 08/26/2013 Analyzed: 08/27/2013

p- & m- Xylenes	20.9		ug/L	20.0		104	80-126		2.13	30
p-Isopropyltoluene	10.5		"	10.0		105	74-130		1.25	30
sec-Butylbenzene	11.0		"	10.0		110	72-132		1.47	30
Styrene	10.9		"	10.0		109	62-160		2.79	30
tert-Butylbenzene	10.8		"	10.0		108	75-129		2.83	30
Tetrachloroethylene	7.22		"	10.0		72.2	67-118		2.52	30
Toluene	9.29		"	10.0		92.9	82-118		9.63	30
trans-1,2-Dichloroethylene	8.85		"	10.0		88.5	76-119	0.340		30
trans-1,3-Dichloropropylene	12.3		"	10.0		123	80-137		8.06	30
Trichloroethylene	10.2		"	10.0		102	71-122		1.38	30
Trichlorofluoromethane	8.31		"	10.0		83.1	67-130		1.70	30
Vinyl Chloride	8.65		"	10.0		86.5	49-125		1.40	30
<i>Surrogate: 1,2-Dichloroethane-d4</i>	8.62		"	10.0		86.2	79-133			
<i>Surrogate: p-Bromofluorobenzene</i>	9.39		"	10.0		93.9	65-133			
<i>Surrogate: Toluene-d8</i>	9.29		"	10.0		92.9	80-123			



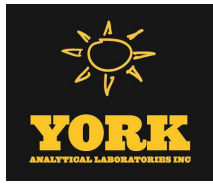
Metals by EPA 6000 Series Methods - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31161 - EPA 3010A											
Blank (BH31161-BLK1)										Prepared & Analyzed: 08/23/2013	
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BH31161-DUP1)										*Source sample: 13H0836-01 (WQ082013:1140NP2-10)	
Prepared & Analyzed: 08/23/2013											
Iron - Dissolved	0.0597	0.0200	mg/L		0.0635				6.10	20	
Matrix Spike (BH31161-MS1)										*Source sample: 13H0836-01 (WQ082013:1140NP2-10)	
Prepared & Analyzed: 08/23/2013											
Iron - Dissolved	1.09	0.0200	mg/L	1.00	0.0635	103	75-125				
Reference (BH31161-SRM1)										Prepared & Analyzed: 08/23/2013	
Iron - Dissolved	1.41	0.0200	mg/L	1.39		102	88.4-113				



Metals by EPA 200 Series Methods - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31162 - EPA 3010A											
Blank (BH31162-BLK1)										Prepared & Analyzed: 08/23/2013	
Iron	ND	0.0200	mg/L								
Duplicate (BH31162-DUP1)										*Source sample: 13H0836-01 (WQ082013:1140NP2-10)	
Prepared & Analyzed: 08/23/2013											
Iron	0.985	0.0200	mg/L		0.997				1.19	20	
Matrix Spike (BH31162-MS1)										*Source sample: 13H0836-01 (WQ082013:1140NP2-10)	
Prepared & Analyzed: 08/23/2013											
Iron	2.02	0.0200	mg/L	1.00	0.997	102	75-125				
Reference (BH31162-SRM1)										Prepared & Analyzed: 08/23/2013	
Iron	1.40	0.0200	mg/L	1.39		101	88.4-113				



Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31236 - % Solids Prep

Blank (BH31236-BLK1)

Prepared: 08/26/2013 Analyzed: 08/29/2013

Total Dissolved Solids	ND	20.0	mg/L								
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Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13H0836-01	WQ082013:1140NP2-10	250mL Plastic Cool to 4° C

Notes and Definitions

M-LSRD	Original sample conc <50 X reporting limit.
M-ACCB	Analyte in CCB. Run is bracketed by acceptable CCBs.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. B1A0886

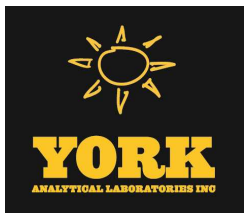
YOUR INFORMATION Company: <u>LBG</u> Address: <u>4 Research Dr. Suite 301 Shelton, CT 06484</u> Phone No: <u>203-929-8555</u> Contact Person: <u>Tunde Sandor</u> E-Mail Address: <u>TSandor@LBGI.com</u>		Report To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		Invoice To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		YOUR PROJECT ID YOUR Project ID: <u>Rowe Industries</u> Purchase Order No.: <u>NAB5AG</u> Samples from: CT <input type="checkbox"/> NY <input checked="" type="checkbox"/> NJ <input type="checkbox"/>		Turn-Around Time RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard (5-7 Days) <input checked="" type="checkbox"/>		Report Type Summary Report <input checked="" type="checkbox"/> pdf Summary w/ QA Summary <input checked="" type="checkbox"/> pdf CT RCP Package <input type="checkbox"/> CTRCP DQ/DUE Pkg <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B Package <input checked="" type="checkbox"/> (only if NJDEP Red. Deliv. <u>pdf</u>) Electronic Data Deliverables (EDD) <input type="checkbox"/> Simple Excel <input checked="" type="checkbox"/> X NYSEDEC EQUIS <input type="checkbox"/> EQUIS (std) <input type="checkbox"/> EZ-EDD (EQUIS) <input type="checkbox"/> NJDEP SRP HazSite EDD <input type="checkbox"/> GIS/KEY (std) <input type="checkbox"/> Other _____ York Regulatory Comparison <input type="checkbox"/> Excel Spreadsheet <input type="checkbox"/> Compare to the following Regs. (please fill in) _____	
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Print Clearly and Legibly. All information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Matrix Codes S - soil Other - specify (oil, etc) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor	Volatiles 8260 full 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list	Semi-Vols. <input checked="" type="checkbox"/> 8082 PCB STARS list BN Only PAH list TAGM list CT RCP list TCL list NJDEP list App. IX list SFLP or TCLP 608 PCB	Metals RCRA8 PP13 list TAL CT15 list TAGM list NJDEP list Total Dissolved SFLP or TCLP Inerts/Metals I LIST Below	Misc. Org. TPH GRO TPH DRO CT ETPH NY 3 10-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Mediane Halobn	Full Lists Pri. Poll. TCL Organs TAL-Metals Full TCLP Full App. IX Par 360-Resid Heteroorgs Par 360-Resid TOX Par 360-Resid BTUlb. Par 360-Resid Aquatic Tox NYDEP Sewer TOC NYSEDEC Asbestos TAGM Silten	Misc. Censority Reactivity Ignitability Flash Point Sieve Anal. Heteroorgs TOX BTUlb. Aquatic Tox TOC NYSEDEC Asbestos Silten
--	--	---	--	---	--	--

Sample Identification Name (printed): <u>STEPHEN HAYAT</u> Signature: _____ Samples Collected/Authorized By (Signature): _____		Sample Matrix <u>GW</u> <u>GW</u> <u>GW</u>		Date Sampled <u>8/20/13 1140</u> <u>8/20/13 1600</u> <u>8/22/13 12:15</u>		Choose Analyses Needed from the Menu Above and Enter Below <u>Fe by EPA 800.7/Fe, Dissolved by EPA 6010 (SW 846-6010B) / VOCs</u> <u>8260 LIST (EPA SW 846-8260A) plus from 13 / TDS (SH 2540 c)</u> <u>8260 LIST (EPA SW 846-8260A) plus from 13</u>		Container Description(s) <u>3V 3P</u>	
Comments Preservation <input type="checkbox"/> 4°C <input checked="" type="checkbox"/> Frozen <input type="checkbox"/> HCl <input checked="" type="checkbox"/> MeOH <input type="checkbox"/> NaOH <input type="checkbox"/> Check those Applicable Special Instructions Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>		Temperature on Receipt <u>4.3 °C</u>		Samples Relinquished By: <u>L. Schreck</u> Date/Time: <u>8/22/13</u> Samples Relinquished In L.A.B. by: _____ Date/Time: <u>1545</u>					

APPENDIX II
AUGUST 2013 LABORATORY ANALYTICAL REPORTS
FOR FSP&T AND FP&T RECOVERY WELLS



Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 301

Shelton CT, 06484

Attention: Tunde Komuves-Sandor

Report Date: 08/28/2013

Client Project ID: O&M Sag Harbor (Rowe Industries Site)

York Project (SDG) No.: 13H0834

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 22, 2013 and listed below. The project was identified as your project: **O&M Sag Harbor (Rowe Industries Site)**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
13H0834-01	WQ08213:1040FRW1	Water	08/20/2013	08/22/2013
13H0834-02	WQ08213:1045FRW2	Water	08/20/2013	08/22/2013
13H0834-03	WQ08213:1050FRW3	Water	08/20/2013	08/22/2013
13H0834-04	WQ08213:1055FRW4	Water	08/20/2013	08/22/2013

General Notes for York Project (SDG) No.: 13H0834

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 08/28/2013

YORK



Sample Information

Client Sample ID: WQ08213:1040FRW1

York Sample ID: 13H0834-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0834

O&M Sag Harbor (Rowe Industries Site)

Water

August 20, 2013 10:40 am

08/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
75-34-3	1,1-Dichloroethane	0.25	J	ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
67-64-1	Acetone	1.1	J	ug/L	1.0	2.0	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS



Sample Information

Client Sample ID: WQ08213:1040FRW1

York Sample ID: 13H0834-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0834

O&M Sag Harbor (Rowe Industries Site)

Water

August 20, 2013 10:40 am

08/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
156-59-2	cis-1,2-Dichloroethylene	21		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
127-18-4	Tetrachloroethylene	21		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
79-01-6	Trichloroethylene	11		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	08/26/2013 11:13	08/27/2013 23:56	SS



Sample Information

Client Sample ID: WQ08213:1040FRW1

York Sample ID: 13H0834-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0834

O&M Sag Harbor (Rowe Industries Site)

Water

August 20, 2013 10:40 am

08/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	Result									
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %			79-133						
460-00-4	Surrogate: p-Bromofluorobenzene	83.0 %			65-133						
2037-26-5	Surrogate: Toluene-d8	102 %			80-123						

Sample Information

Client Sample ID: WQ08213:1045FRW2

York Sample ID: 13H0834-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0834

O&M Sag Harbor (Rowe Industries Site)

Water

August 20, 2013 10:45 am

08/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS



Sample Information

Client Sample ID: WQ08213:1045FRW2

York Sample ID: 13H0834-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0834

O&M Sag Harbor (Rowe Industries Site)

Water

August 20, 2013 10:45 am

08/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
156-59-2	cis-1,2-Dichloroethylene	2.6		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS



Sample Information

Client Sample ID: WQ08213:1045FRW2

York Sample ID: 13H0834-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0834

O&M Sag Harbor (Rowe Industries Site)

Water

August 20, 2013 10:45 am

08/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
127-18-4	Tetrachloroethylene	36		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
79-01-6	Trichloroethylene	1.7		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 12:38	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.7 %			79-133						
460-00-4	Surrogate: p-Bromofluorobenzene	95.7 %			65-133						
2037-26-5	Surrogate: Toluene-d8	86.2 %			80-123						

Sample Information

Client Sample ID: WQ08213:1050FRW3

York Sample ID: 13H0834-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0834

O&M Sag Harbor (Rowe Industries Site)

Water

August 20, 2013 10:50 am

08/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS



Sample Information

Client Sample ID: WQ08213:1050FRW3

York Sample ID: 13H0834-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0834

O&M Sag Harbor (Rowe Industries Site)

Water

August 20, 2013 10:50 am

08/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
156-59-2	cis-1,2-Dichloroethylene	8.5		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS



Sample Information

Client Sample ID: WQ08213:1050FRW3

York Sample ID: 13H0834-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0834

O&M Sag Harbor (Rowe Industries Site)

Water

August 20, 2013 10:50 am

08/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
98-82-8	Isopropylbenzene	0.81		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
103-65-1	n-Propylbenzene	0.57		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
127-18-4	Tetrachloroethylene	12		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
79-01-6	Trichloroethylene	1.7		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:15	SS
	Surrogate Recoveries	Result									
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.9 %									
460-00-4	Surrogate: p-Bromofluorobenzene	94.0 %									
2037-26-5	Surrogate: Toluene-d8	103 %									

Sample Information

Client Sample ID: WQ08213:1055FRW4

York Sample ID: 13H0834-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0834

O&M Sag Harbor (Rowe Industries Site)

Water

August 20, 2013 10:55 am

08/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WQ08213:1055FRW4

York Sample ID: 13H0834-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0834

O&M Sag Harbor (Rowe Industries Site)

Water

August 20, 2013 10:55 am

08/22/2013

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS



Sample Information

Client Sample ID: WQ08213:1055FRW4

York Sample ID: 13H0834-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H0834

O&M Sag Harbor (Rowe Industries Site)

Water

August 20, 2013 10:55 am

08/22/2013

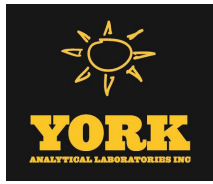
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
156-59-2	cis-1,2-Dichloroethylene	1.7		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
127-18-4	Tetrachloroethylene	6.1		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
79-01-6	Trichloroethylene	0.76		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	08/23/2013 14:53	08/26/2013 13:54	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	79-133								



Sample Information

Client Sample ID: WQ08213:1055FRW4

York Sample ID: 13H0834-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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13H0834

O&M Sag Harbor (Rowe Industries Site)

Water

August 20, 2013 10:55 am

08/22/2013

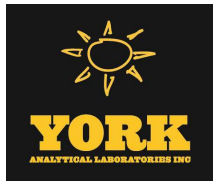
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: <i>p</i> -Bromofluorobenzene	93.3 %			65-133						
2037-26-5	Surrogate: Toluene- <i>d</i> 8	103 %			80-123						



Analytical Batch Summary

Batch ID: BH31198

Preparation Method: EPA 5030B

Prepared By: EKM

YORK Sample ID	Client Sample ID	Preparation Date
13H0834-02	WQ08213:1045FRW2	08/23/13
13H0834-03	WQ08213:1050FRW3	08/23/13
13H0834-04	WQ08213:1055FRW4	08/23/13
BH31198-BLK1	Blank	08/26/13
BH31198-BS1	LCS	08/26/13
BH31198-BSD1	LCS Dup	08/26/13
BH31198-MS1	Matrix Spike	08/26/13
BH31198-MSD1	Matrix Spike Dup	08/26/13

Batch ID: BH31232

Preparation Method: EPA 5030B

Prepared By: EKM

YORK Sample ID	Client Sample ID	Preparation Date
13H0834-01	WQ08213:1040FRW1	08/26/13
BH31232-BLK1	Blank	08/26/13
BH31232-BS1	LCS	08/26/13
BH31232-BSD1	LCS Dup	08/26/13



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31198 - EPA 5030B

Blank (BH31198-BLK1)

Prepared & Analyzed: 08/26/2013

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31198 - EPA 5030B

Blank (BH31198-BLK1)

Prepared & Analyzed: 08/26/2013

p- & m- Xylenes	ND	1.0	ug/L								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	9.98		"	10.0		99.8	79-133				
<i>Surrogate: p-Bromofluorobenzene</i>	9.44		"	10.0		94.4	65-133				
<i>Surrogate: Toluene-d8</i>	10.2		"	10.0		102	80-123				

LCS (BH31198-BS1)

Prepared & Analyzed: 08/26/2013

1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	84-127				
1,1,1-Trichloroethane	10.0		"	10.0		100	80-131				
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	76-120				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.73		"	10.0		97.3	70-133				
1,1,2-Trichloroethane	9.97		"	10.0		99.7	73-124				
1,1-Dichloroethane	9.55		"	10.0		95.5	79-123				
1,1-Dichloroethylene	9.07		"	10.0		90.7	71-123				
1,1-Dichloropropylene	9.10		"	10.0		91.0	73-117				
1,2,3-Trichlorobenzene	10.1		"	10.0		101	78-117				
1,2,3-Trichloropropane	9.86		"	10.0		98.6	68-119				
1,2,4-Trichlorobenzene	10.2		"	10.0		102	78-117				
1,2,4-Trimethylbenzene	9.46		"	10.0		94.6	68-134				
1,2-Dibromo-3-chloropropane	10.4		"	10.0		104	73-129				
1,2-Dibromoethane	10.5		"	10.0		105	73-139				
1,2-Dichlorobenzene	9.41		"	10.0		94.1	83-110				
1,2-Dichloroethane	10.3		"	10.0		103	81-120				
1,2-Dichloropropane	8.67		"	10.0		86.7	76-120				
1,3,5-Trimethylbenzene	9.51		"	10.0		95.1	74-121				
1,3-Dichlorobenzene	9.63		"	10.0		96.3	82-112				
1,3-Dichloropropane	10.4		"	10.0		104	77-122				
1,4-Dichlorobenzene	9.58		"	10.0		95.8	83-110				
2,2-Dichloropropane	10.8		"	10.0		108	50-163				
2-Chlorotoluene	9.37		"	10.0		93.7	74-115				
2-Hexanone	10.8		"	10.0		108	65-130				
4-Chlorotoluene	9.20		"	10.0		92.0	77-119				
Acetone	9.53		"	10.0		95.3	54-129				
Benzene	9.35		"	10.0		93.5	77-122				
Bromobenzene	9.72		"	10.0		97.2	76-114				
Bromochloromethane	10.4		"	10.0		104	73-125				
Bromodichloromethane	10.5		"	10.0		105	83-120				
Bromoform	10.8		"	10.0		108	72-139				
Bromomethane	9.48		"	10.0		94.8	52-128				
Carbon tetrachloride	9.94		"	10.0		99.4	66-152				
Chlorobenzene	9.57		"	10.0		95.7	85-113				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike Level	Source*	%REC	%REC Limits	Flag	RPD	
		Limit			Result				RPD	Limit

Batch BH31198 - EPA 5030B

LCS (BH31198-BS1)

Prepared & Analyzed: 08/26/2013

Chloroethane	8.66		ug/L	10.0		86.6	60-124			
Chloroform	9.89		"	10.0		98.9	82-119			
Chloromethane	7.79		"	10.0		77.9	42-126			
cis-1,2-Dichloroethylene	9.96		"	10.0		99.6	79-116			
cis-1,3-Dichloropropylene	12.4		"	10.0		124	85-134			
Dibromochloromethane	11.5		"	10.0		115	74-151			
Dibromomethane	9.22		"	10.0		92.2	74-128			
Dichlorodifluoromethane	6.67		"	10.0		66.7	10-146			
Ethyl Benzene	10.1		"	10.0		101	85-125			
Hexachlorobutadiene	9.36		"	10.0		93.6	69-131			
Isopropylbenzene	9.62		"	10.0		96.2	71-128			
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	51-134			
Methylene chloride	9.38		"	10.0		93.8	76-122			
Naphthalene	10.9		"	10.0		109	72-127			
n-Butylbenzene	9.06		"	10.0		90.6	69-127			
n-Propylbenzene	9.28		"	10.0		92.8	70-129			
o-Xylene	10.0		"	10.0		100	83-117			
p- & m- Xylenes	19.8		"	20.0		98.8	80-126			
p-Isopropyltoluene	9.64		"	10.0		96.4	74-130			
sec-Butylbenzene	9.78		"	10.0		97.8	72-132			
Styrene	10.2		"	10.0		102	62-160			
tert-Butylbenzene	9.90		"	10.0		99.0	75-129			
Tetrachloroethylene	7.43		"	10.0		74.3	67-118			
Toluene	9.87		"	10.0		98.7	82-118			
trans-1,2-Dichloroethylene	9.25		"	10.0		92.5	76-119			
trans-1,3-Dichloropropylene	12.1		"	10.0		121	80-137			
Trichloroethylene	9.34		"	10.0		93.4	71-122			
Trichlorofluoromethane	8.95		"	10.0		89.5	67-130			
Vinyl Chloride	8.52		"	10.0		85.2	49-125			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>79-133</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.95</i>		<i>"</i>	<i>10.0</i>		<i>99.5</i>	<i>65-133</i>			
<i>Surrogate: Toluene-d8</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>80-123</i>			



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit							Units	Level
Batch BH31198 - EPA 5030B										
LCS Dup (BH31198-BSD1)										
Prepared & Analyzed: 08/26/2013										
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0	101	84-127			0.297	30
1,1,1-Trichloroethane	10.5		"	10.0	105	80-131			4.10	30
1,1,2,2-Tetrachloroethane	11.0		"	10.0	110	76-120			3.04	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0	103	70-133			5.89	30
1,1,2-Trichloroethane	10.4		"	10.0	104	73-124			3.74	30
1,1-Dichloroethane	9.83		"	10.0	98.3	79-123			2.89	30
1,1-Dichloroethylene	9.50		"	10.0	95.0	71-123			4.63	30
1,1-Dichloropropylene	9.67		"	10.0	96.7	73-117			6.07	30
1,2,3-Trichlorobenzene	10.5		"	10.0	105	78-117			3.88	30
1,2,3-Trichloropropane	10.1		"	10.0	101	68-119			2.40	30
1,2,4-Trichlorobenzene	10.4		"	10.0	104	78-117			2.72	30
1,2,4-Trimethylbenzene	9.97		"	10.0	99.7	68-134			5.25	30
1,2-Dibromo-3-chloropropane	11.2		"	10.0	112	73-129			7.32	30
1,2-Dibromoethane	10.3		"	10.0	103	73-139			1.83	30
1,2-Dichlorobenzene	9.78		"	10.0	97.8	83-110			3.86	30
1,2-Dichloroethane	10.5		"	10.0	105	81-120			1.73	30
1,2-Dichloropropane	8.90		"	10.0	89.0	76-120			2.62	30
1,3,5-Trimethylbenzene	9.96		"	10.0	99.6	74-121			4.62	30
1,3-Dichlorobenzene	9.98		"	10.0	99.8	82-112			3.57	30
1,3-Dichloropropane	10.4		"	10.0	104	77-122			0.193	30
1,4-Dichlorobenzene	9.94		"	10.0	99.4	83-110			3.69	30
2,2-Dichloropropane	10.6		"	10.0	106	50-163			1.49	30
2-Chlorotoluene	9.83		"	10.0	98.3	74-115			4.79	30
2-Hexanone	10.7		"	10.0	107	65-130			1.30	30
4-Chlorotoluene	9.60		"	10.0	96.0	77-119			4.26	30
Acetone	10.1		"	10.0	101	54-129			5.41	30
Benzene	9.88		"	10.0	98.8	77-122			5.51	30
Bromobenzene	9.76		"	10.0	97.6	76-114			0.411	30
Bromochloromethane	10.2		"	10.0	102	73-125			1.56	30
Bromodichloromethane	10.1		"	10.0	101	83-120			3.79	30
Bromoform	11.1		"	10.0	111	72-139			2.10	30
Bromomethane	9.83		"	10.0	98.3	52-128			3.63	30
Carbon tetrachloride	10.3		"	10.0	103	66-152			3.65	30
Chlorobenzene	9.77		"	10.0	97.7	85-113			2.07	30
Chloroethane	9.13		"	10.0	91.3	60-124			5.28	30
Chloroform	10.3		"	10.0	103	82-119			3.67	30
Chloromethane	8.39		"	10.0	83.9	42-126			7.42	30
cis-1,2-Dichloroethylene	10.4		"	10.0	104	79-116			4.71	30
cis-1,3-Dichloropropylene	12.5		"	10.0	125	85-134			0.563	30
Dibromochloromethane	11.5		"	10.0	115	74-151			0.522	30
Dibromomethane	8.94		"	10.0	89.4	74-128			3.08	30
Dichlorodifluoromethane	6.97		"	10.0	69.7	10-146			4.40	30
Ethyl Benzene	10.3		"	10.0	103	85-125			2.45	30
Hexachlorobutadiene	9.98		"	10.0	99.8	69-131			6.41	30
Isopropylbenzene	10.2		"	10.0	102	71-128			5.56	30
Methyl tert-butyl ether (MTBE)	10.2		"	10.0	102	51-134			0.588	30
Methylene chloride	9.90		"	10.0	99.0	76-122			5.39	30
Naphthalene	11.4		"	10.0	114	72-127			4.40	30
n-Butylbenzene	9.56		"	10.0	95.6	69-127			5.37	30
n-Propylbenzene	9.89		"	10.0	98.9	70-129			6.36	30
o-Xylene	10.2		"	10.0	102	83-117			1.58	30



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31198 - EPA 5030B

LCS Dup (BH31198-BSD1)

Prepared & Analyzed: 08/26/2013

p- & m- Xylenes	20.3		ug/L	20.0		101	80-126		2.50	30	
p-Isopropyltoluene	10.1		"	10.0		101	74-130		4.66	30	
sec-Butylbenzene	10.2		"	10.0		102	72-132		4.11	30	
Styrene	10.5		"	10.0		105	62-160		3.29	30	
tert-Butylbenzene	10.4		"	10.0		104	75-129		5.02	30	
Tetrachloroethylene	7.64		"	10.0		76.4	67-118		2.79	30	
Toluene	10.1		"	10.0		101	82-118		1.91	30	
trans-1,2-Dichloroethylene	9.65		"	10.0		96.5	76-119		4.23	30	
trans-1,3-Dichloropropylene	12.0		"	10.0		120	80-137		0.582	30	
Trichloroethylene	9.37		"	10.0		93.7	71-122		0.321	30	
Trichlorofluoromethane	9.22		"	10.0		92.2	67-130		2.97	30	
Vinyl Chloride	9.00		"	10.0		90.0	49-125		5.48	30	
Surrogate: 1,2-Dichloroethane-d4	10.2		"	10.0		102	79-133				
Surrogate: p-Bromofluorobenzene	10.0		"	10.0		100	65-133				
Surrogate: Toluene-d8	10.1		"	10.0		101	80-123				

Matrix Spike (BH31198-MS1)

*Source sample: 13H0834-04 (WQ08213:1055FRW4)

Prepared & Analyzed: 08/26/2013

1,1,1,2-Tetrachloroethane	9.86		ug/L	10.0	ND	98.6	82-126				
1,1,1-Trichloroethane	10.4		"	10.0	ND	104	60-145				
1,1,2,2-Tetrachloroethane	9.73		"	10.0	ND	97.3	77-124				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0	ND	114	50-147				
1,1,2-Trichloroethane	13.5		"	10.0	ND	135	75-126	High Bias			
1,1-Dichloroethane	9.88		"	10.0	ND	98.8	76-132				
1,1-Dichloroethylene	10.0		"	10.0	ND	100	68-128				
1,1-Dichloropropylene	9.90		"	10.0	ND	99.0	80-116				
1,2,3-Trichlorobenzene	9.31		"	10.0	ND	93.1	59-137				
1,2,3-Trichloropropane	8.97		"	10.0	ND	89.7	64-144				
1,2,4-Trichlorobenzene	9.20		"	10.0	ND	92.0	62-132				
1,2,4-Trimethylbenzene	9.46		"	10.0	ND	94.6	68-138				
1,2-Dibromo-3-chloropropane	9.48		"	10.0	ND	94.8	46-190				
1,2-Dibromoethane	10.2		"	10.0	ND	102	77-129				
1,2-Dichlorobenzene	9.36		"	10.0	ND	93.6	81-111				
1,2-Dichloroethane	9.85		"	10.0	ND	98.5	76-129				
1,2-Dichloropropane	8.55		"	10.0	ND	85.5	78-123				
1,3,5-Trimethylbenzene	9.51		"	10.0	ND	95.1	74-128				
1,3-Dichlorobenzene	9.20		"	10.0	ND	92.0	76-115				
1,3-Dichloropropane	9.73		"	10.0	ND	97.3	78-124				
1,4-Dichlorobenzene	9.14		"	10.0	ND	91.4	76-114				
2,2-Dichloropropane	0.540		"	10.0	ND	5.40	35-139	Low Bias			
2-Chlorotoluene	9.60		"	10.0	ND	96.0	74-119				
2-Hexanone	8.61		"	10.0	ND	86.1	54-145				
4-Chlorotoluene	9.12		"	10.0	ND	91.2	78-123				
Acetone	4.80		"	10.0	0.530	42.7	19-137				
Benzene	9.95		"	10.0	ND	99.5	83-121				
Bromobenzene	9.66		"	10.0	ND	96.6	74-121				
Bromochloromethane	9.68		"	10.0	ND	96.8	71-134				
Bromodichloromethane	9.93		"	10.0	ND	99.3	83-127				
Bromoform	9.40		"	10.0	ND	94.0	68-138				
Bromomethane	8.37		"	10.0	ND	83.7	14-125				
Carbon tetrachloride	11.0		"	10.0	ND	110	77-139				
Chlorobenzene	9.52		"	10.0	ND	95.2	88-111				
Chloroethane	9.65		"	10.0	ND	96.5	63-130				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

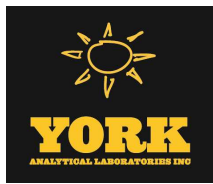
Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	
		Limit								Units	Level
Batch BH31198 - EPA 5030B											
Matrix Spike (BH31198-MS1)	*Source sample: 13H0834-04 (WQ08213:1055FRW4)						Prepared & Analyzed: 08/26/2013				
Chloroform	10.0		ug/L	10.0	ND	100	62-138				
Chloromethane	9.41		"	10.0	ND	94.1	46-121				
cis-1,2-Dichloroethylene	10.8		"	10.0	1.71	90.9	58-137				
cis-1,3-Dichloropropylene	6.17		"	10.0	ND	61.7	72-131	Low Bias			
Dibromochloromethane	9.84		"	10.0	ND	98.4	81-133				
Dibromomethane	8.61		"	10.0	ND	86.1	76-136				
Dichlorodifluoromethane	8.67		"	10.0	ND	86.7	10-150				
Ethyl Benzene	10.2		"	10.0	ND	102	87-122				
Hexachlorobutadiene	8.88		"	10.0	ND	88.8	68-134				
Isopropylbenzene	10.5		"	10.0	ND	105	75-126				
Methyl tert-butyl ether (MTBE)	8.56		"	10.0	ND	85.6	67-130				
Methylene chloride	9.52		"	10.0	ND	95.2	20-158				
Naphthalene	10.1		"	10.0	ND	101	51-151				
n-Butylbenzene	8.71		"	10.0	ND	87.1	72-124				
n-Propylbenzene	9.66		"	10.0	ND	96.6	76-123				
o-Xylene	10.0		"	10.0	ND	100	82-121				
p- & m- Xylenes	19.6		"	20.0	ND	98.1	83-128				
p-Isopropyltoluene	9.63		"	10.0	ND	96.3	74-129				
sec-Butylbenzene	10.1		"	10.0	ND	101	80-125				
Styrene	9.51		"	10.0	ND	95.1	51-181				
tert-Butylbenzene	10.4		"	10.0	ND	104	78-126				
Tetrachloroethylene	10.6		"	10.0	6.07	45.4	73-118	Low Bias			
Toluene	9.99		"	10.0	ND	99.9	81-118				
trans-1,2-Dichloroethylene	9.86		"	10.0	ND	98.6	66-128				
trans-1,3-Dichloropropylene	5.35		"	10.0	ND	53.5	70-129	Low Bias			
Trichloroethylene	9.72		"	10.0	0.760	89.6	84-120				
Trichlorofluoromethane	10.1		"	10.0	ND	101	68-129				
Vinyl Chloride	9.92		"	10.0	ND	99.2	49-123				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.61</i>		<i>"</i>	<i>10.0</i>		<i>96.1</i>	<i>79-133</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.83</i>		<i>"</i>	<i>10.0</i>		<i>98.3</i>	<i>65-133</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>80-123</i>				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31198 - EPA 5030B											
Matrix Spike Dup (BH31198-MSD1)	*Source sample: 13H0834-04 (WQ08213:1055FRW4)					Prepared & Analyzed: 08/26/2013					
1,1,1,2-Tetrachloroethane	9.54		ug/L	10.0	ND	95.4	82-126		3.30	30	
1,1,1-Trichloroethane	9.86		"	10.0	ND	98.6	60-145		5.33	30	
1,1,2,2-Tetrachloroethane	9.71		"	10.0	ND	97.1	77-124		0.206	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.9		"	10.0	ND	109	50-147		3.77	30	
1,1,2-Trichloroethane	14.4		"	10.0	ND	144	75-126	High Bias	6.74	30	
1,1-Dichloroethane	9.67		"	10.0	ND	96.7	76-132		2.15	30	
1,1-Dichloroethylene	9.70		"	10.0	ND	97.0	68-128		3.44	30	
1,1-Dichloropropylene	9.56		"	10.0	ND	95.6	80-116		3.49	30	
1,2,3-Trichlorobenzene	9.16		"	10.0	ND	91.6	59-137		1.62	30	
1,2,3-Trichloropropane	8.70		"	10.0	ND	87.0	64-144		3.06	30	
1,2,4-Trichlorobenzene	9.09		"	10.0	ND	90.9	62-132		1.20	30	
1,2,4-Trimethylbenzene	9.31		"	10.0	ND	93.1	68-138		1.60	30	
1,2-Dibromo-3-chloropropane	8.60		"	10.0	ND	86.0	46-190		9.73	30	
1,2-Dibromoethane	9.94		"	10.0	ND	99.4	77-129		2.48	30	
1,2-Dichlorobenzene	9.26		"	10.0	ND	92.6	81-111		1.07	30	
1,2-Dichloroethane	9.44		"	10.0	ND	94.4	76-129		4.25	30	
1,2-Dichloropropane	8.61		"	10.0	ND	86.1	78-123		0.699	30	
1,3,5-Trimethylbenzene	9.40		"	10.0	ND	94.0	74-128		1.16	30	
1,3-Dichlorobenzene	9.13		"	10.0	ND	91.3	76-115		0.764	30	
1,3-Dichloropropane	9.52		"	10.0	ND	95.2	78-124		2.18	30	
1,4-Dichlorobenzene	8.85		"	10.0	ND	88.5	76-114		3.22	30	
2,2-Dichloropropane	0.570		"	10.0	ND	5.70	35-139	Low Bias	5.41	30	
2-Chlorotoluene	9.29		"	10.0	ND	92.9	74-119		3.28	30	
2-Hexanone	8.95		"	10.0	ND	89.5	54-145		3.87	30	
4-Chlorotoluene	9.03		"	10.0	ND	90.3	78-123		0.992	30	
Acetone	4.71		"	10.0	0.530	41.8	19-137		1.89	30	
Benzene	9.62		"	10.0	ND	96.2	83-121		3.37	30	
Bromobenzene	9.65		"	10.0	ND	96.5	74-121		0.104	30	
Bromochloromethane	9.41		"	10.0	ND	94.1	71-134		2.83	30	
Bromodichloromethane	10.1		"	10.0	ND	101	83-127		1.30	30	
Bromoform	9.52		"	10.0	ND	95.2	68-138		1.27	30	
Bromomethane	7.84		"	10.0	ND	78.4	14-125		6.54	30	
Carbon tetrachloride	10.6		"	10.0	ND	106	77-139		3.71	30	
Chlorobenzene	9.42		"	10.0	ND	94.2	88-111		1.06	30	
Chloroethane	9.22		"	10.0	ND	92.2	63-130		4.56	30	
Chloroform	9.64		"	10.0	ND	96.4	62-138		3.77	30	
Chloromethane	8.64		"	10.0	ND	86.4	46-121		8.53	30	
cis-1,2-Dichloroethylene	11.2		"	10.0	1.71	95.0	58-137		3.73	30	
cis-1,3-Dichloropropylene	6.21		"	10.0	ND	62.1	72-131	Low Bias	0.646	30	
Dibromochloromethane	10.0		"	10.0	ND	100	81-133		1.61	30	
Dibromomethane	8.46		"	10.0	ND	84.6	76-136		1.76	30	
Dichlorodifluoromethane	8.42		"	10.0	ND	84.2	10-150		2.93	30	
Ethyl Benzene	9.91		"	10.0	ND	99.1	87-122		3.08	30	
Hexachlorobutadiene	8.98		"	10.0	ND	89.8	68-134		1.12	30	
Isopropylbenzene	10.3		"	10.0	ND	103	75-126		1.82	30	
Methyl tert-butyl ether (MTBE)	8.72		"	10.0	ND	87.2	67-130		1.85	30	
Methylene chloride	9.27		"	10.0	ND	92.7	20-158		2.66	30	
Naphthalene	10.3		"	10.0	ND	103	51-151		2.36	30	
n-Butylbenzene	8.68		"	10.0	ND	86.8	72-124		0.345	30	
n-Propylbenzene	9.48		"	10.0	ND	94.8	76-123		1.88	30	
o-Xylene	9.74		"	10.0	ND	97.4	82-121		3.13	30	



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31198 - EPA 5030B

Matrix Spike Dup (BH31198-MSD1)	*Source sample: 13H0834-04 (WQ08213:1055FRW4)					Prepared & Analyzed: 08/26/2013					
p- & m- Xylenes	19.3		ug/L	20.0	ND	96.4	83-128		1.75	30	
p-Isopropyltoluene	9.49		"	10.0	ND	94.9	74-129		1.46	30	
sec-Butylbenzene	9.90		"	10.0	ND	99.0	80-125		2.40	30	
Styrene	9.25		"	10.0	ND	92.5	51-181		2.77	30	
tert-Butylbenzene	10.2		"	10.0	ND	102	78-126		2.23	30	
Tetrachloroethylene	11.5		"	10.0	6.07	54.6	73-118	Low Bias	8.31	30	
Toluene	9.77		"	10.0	ND	97.7	81-118		2.23	30	
trans-1,2-Dichloroethylene	9.33		"	10.0	ND	93.3	66-128		5.52	30	
trans-1,3-Dichloropropylene	5.05		"	10.0	ND	50.5	70-129	Low Bias	5.77	30	
Trichloroethylene	9.78		"	10.0	0.760	90.2	84-120		0.615	30	
Trichlorofluoromethane	9.67		"	10.0	ND	96.7	68-129		4.35	30	
Vinyl Chloride	9.60		"	10.0	ND	96.0	49-123		3.28	30	
Surrogate: 1,2-Dichloroethane-d4	9.35		"	10.0		93.5	79-133				
Surrogate: p-Bromofluorobenzene	9.90		"	10.0		99.0	65-133				
Surrogate: Toluene-d8	10.8		"	10.0		108	80-123				

Batch BH31232 - EPA 5030B

Blank (BH31232-BLK1)	Prepared: 08/26/2013 Analyzed: 08/27/2013										
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

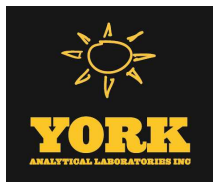
Analyte	Result	Reporting	Units	Spike	Source*	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit		Level	Result	%REC			Limit			

Batch BH31232 - EPA 5030B

Blank (BH31232-BLK1)

Prepared: 08/26/2013 Analyzed: 08/27/2013

Chlorobenzene	ND	0.50	ug/L									
Chloroethane	ND	0.50	"									
Chloroform	ND	0.50	"									
Chloromethane	0.22	0.50	"									
cis-1,2-Dichloroethylene	ND	0.50	"									
cis-1,3-Dichloropropylene	ND	0.50	"									
Dibromochloromethane	ND	0.50	"									
Dibromomethane	ND	0.50	"									
Dichlorodifluoromethane	ND	0.50	"									
Ethyl Benzene	ND	0.50	"									
Hexachlorobutadiene	ND	0.50	"									
Isopropylbenzene	ND	0.50	"									
Methyl tert-butyl ether (MTBE)	ND	0.50	"									
Methylene chloride	ND	2.0	"									
Naphthalene	ND	2.0	"									
n-Butylbenzene	ND	0.50	"									
n-Propylbenzene	ND	0.50	"									
o-Xylene	ND	0.50	"									
p- & m- Xylenes	ND	1.0	"									
p-Isopropyltoluene	ND	0.50	"									
sec-Butylbenzene	ND	0.50	"									
Styrene	ND	0.50	"									
tert-Butylbenzene	ND	0.50	"									
Tetrachloroethylene	ND	0.50	"									
Toluene	ND	0.50	"									
trans-1,2-Dichloroethylene	ND	0.50	"									
trans-1,3-Dichloropropylene	ND	0.50	"									
Trichloroethylene	ND	0.50	"									
Trichlorofluoromethane	ND	0.50	"									
Vinyl Chloride	ND	0.50	"									
Xylenes, Total	ND	1.5	"									
<hr/>												
<i>Surrogate: 1,2-Dichloroethane-d4</i>	8.79		"	10.0		87.9	79-133					
<i>Surrogate: p-Bromofluorobenzene</i>	9.31		"	10.0		93.1	65-133					
<i>Surrogate: Toluene-d8</i>	10.5		"	10.0		105	80-123					



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit							Units			

Batch BH31232 - EPA 5030B

LCS (BH31232-BS1)

Prepared: 08/26/2013 Analyzed: 08/27/2013

1,1,1,2-Tetrachloroethane	9.08		ug/L	10.0		90.8	84-127					
1,1,1-Trichloroethane	8.78		"	10.0		87.8	80-131					
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	76-120					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.82		"	10.0		98.2	70-133					
1,1,2-Trichloroethane	10.1		"	10.0		101	73-124					
1,1-Dichloroethane	8.89		"	10.0		88.9	79-123					
1,1-Dichloroethylene	8.63		"	10.0		86.3	71-123					
1,1-Dichloropropylene	9.73		"	10.0		97.3	73-117					
1,2,3-Trichlorobenzene	9.37		"	10.0		93.7	78-117					
1,2,3-Trichloropropane	9.52		"	10.0		95.2	68-119					
1,2,4-Trichlorobenzene	9.53		"	10.0		95.3	78-117					
1,2,4-Trimethylbenzene	10.4		"	10.0		104	68-134					
1,2-Dibromo-3-chloropropane	9.80		"	10.0		98.0	73-129					
1,2-Dibromoethane	10.0		"	10.0		100	73-139					
1,2-Dichlorobenzene	9.36		"	10.0		93.6	83-110					
1,2-Dichloroethane	8.26		"	10.0		82.6	81-120					
1,2-Dichloropropane	9.57		"	10.0		95.7	76-120					
1,3,5-Trimethylbenzene	10.5		"	10.0		105	74-121					
1,3-Dichlorobenzene	9.57		"	10.0		95.7	82-112					
1,3-Dichloropropane	10.8		"	10.0		108	77-122					
1,4-Dichlorobenzene	9.32		"	10.0		93.2	83-110					
2,2-Dichloropropane	8.23		"	10.0		82.3	50-163					
2-Chlorotoluene	10.1		"	10.0		101	74-115					
2-Hexanone	8.03		"	10.0		80.3	65-130					
4-Chlorotoluene	9.81		"	10.0		98.1	77-119					
Acetone	7.00		"	10.0		70.0	54-129					
Benzene	10.2		"	10.0		102	77-122					
Bromobenzene	11.1		"	10.0		111	76-114					
Bromochloromethane	8.03		"	10.0		80.3	73-125					
Bromodichloromethane	10.4		"	10.0		104	83-120					
Bromoform	8.87		"	10.0		88.7	72-139					
Bromomethane	9.05		"	10.0		90.5	52-128					
Carbon tetrachloride	8.21		"	10.0		82.1	66-152					
Chlorobenzene	9.47		"	10.0		94.7	85-113					
Chloroethane	8.52		"	10.0		85.2	60-124					
Chloroform	9.01		"	10.0		90.1	82-119					
Chloromethane	7.00		"	10.0		70.0	42-126					
cis-1,2-Dichloroethylene	9.24		"	10.0		92.4	79-116					
cis-1,3-Dichloropropylene	11.6		"	10.0		116	85-134					
Dibromochloromethane	8.99		"	10.0		89.9	74-151					
Dibromomethane	9.15		"	10.0		91.5	74-128					
Dichlorodifluoromethane	7.14		"	10.0		71.4	10-146					
Ethyl Benzene	10.5		"	10.0		105	85-125					
Hexachlorobutadiene	9.48		"	10.0		94.8	69-131					
Isopropylbenzene	11.0		"	10.0		110	71-128					
Methyl tert-butyl ether (MTBE)	8.25		"	10.0		82.5	51-134					
Methylene chloride	8.00		"	10.0		80.0	76-122					
Naphthalene	9.61		"	10.0		96.1	72-127					
n-Butylbenzene	10.2		"	10.0		102	69-127					
n-Propylbenzene	10.3		"	10.0		103	70-129					
o-Xylene	10.2		"	10.0		102	83-117					



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31232 - EPA 5030B

LCS (BH31232-BS1)

Prepared: 08/26/2013 Analyzed: 08/27/2013

p- & m- Xylenes	20.4		ug/L	20.0		102	80-126				
p-Isopropyltoluene	10.3		"	10.0		103	74-130				
sec-Butylbenzene	10.8		"	10.0		108	72-132				
Styrene	10.6		"	10.0		106	62-160				
tert-Butylbenzene	10.4		"	10.0		104	75-129				
Tetrachloroethylene	7.04		"	10.0		70.4	67-118				
Toluene	10.2		"	10.0		102	82-118				
trans-1,2-Dichloroethylene	8.82		"	10.0		88.2	76-119				
trans-1,3-Dichloropropylene	11.3		"	10.0		113	80-137				
Trichloroethylene	10.1		"	10.0		101	71-122				
Trichlorofluoromethane	8.17		"	10.0		81.7	67-130				
Vinyl Chloride	8.53		"	10.0		85.3	49-125				
Surrogate: 1,2-Dichloroethane-d4	8.53		"	10.0		85.3	79-133				
Surrogate: p-Bromofluorobenzene	9.43		"	10.0		94.3	65-133				
Surrogate: Toluene-d8	10.4		"	10.0		104	80-123				

LCS Dup (BH31232-BS1)

Prepared: 08/26/2013 Analyzed: 08/27/2013

1,1,1,2-Tetrachloroethane	9.24		ug/L	10.0		92.4	84-127		1.75	30	
1,1,1-Trichloroethane	8.82		"	10.0		88.2	80-131		0.455	30	
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	76-120		3.33	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.61		"	10.0		96.1	70-133		2.16	30	
1,1,2-Trichloroethane	10.3		"	10.0		103	73-124		2.16	30	
1,1-Dichloroethane	9.01		"	10.0		90.1	79-123		1.34	30	
1,1-Dichloroethylene	8.61		"	10.0		86.1	71-123		0.232	30	
1,1-Dichloropropylene	9.83		"	10.0		98.3	73-117		1.02	30	
1,2,3-Trichlorobenzene	9.69		"	10.0		96.9	78-117		3.36	30	
1,2,3-Trichloropropane	10.3		"	10.0		103	68-119		7.97	30	
1,2,4-Trichlorobenzene	10.0		"	10.0		100	78-117		4.91	30	
1,2,4-Trimethylbenzene	10.6		"	10.0		106	68-134		1.53	30	
1,2-Dibromo-3-chloropropane	10.1		"	10.0		101	73-129		3.31	30	
1,2-Dibromoethane	9.92		"	10.0		99.2	73-139		1.30	30	
1,2-Dichlorobenzene	9.56		"	10.0		95.6	83-110		2.11	30	
1,2-Dichloroethane	8.47		"	10.0		84.7	81-120		2.51	30	
1,2-Dichloropropane	9.56		"	10.0		95.6	76-120		0.105	30	
1,3,5-Trimethylbenzene	10.7		"	10.0		107	74-121		1.89	30	
1,3-Dichlorobenzene	9.75		"	10.0		97.5	82-112		1.86	30	
1,3-Dichloropropane	11.3		"	10.0		113	77-122		4.52	30	
1,4-Dichlorobenzene	9.55		"	10.0		95.5	83-110		2.44	30	
2,2-Dichloropropane	9.03		"	10.0		90.3	50-163		9.27	30	
2-Chlorotoluene	10.4		"	10.0		104	74-115		2.44	30	
2-Hexanone	8.50		"	10.0		85.0	65-130		5.69	30	
4-Chlorotoluene	10.0		"	10.0		100	77-119		2.32	30	
Acetone	7.15		"	10.0		71.5	54-129		2.12	30	
Benzene	10.3		"	10.0		103	77-122		1.46	30	
Bromobenzene	11.3		"	10.0		113	76-114		1.61	30	
Bromochloromethane	8.20		"	10.0		82.0	73-125		2.09	30	
Bromodichloromethane	10.6		"	10.0		106	83-120		1.81	30	
Bromoform	9.27		"	10.0		92.7	72-139		4.41	30	
Bromomethane	9.24		"	10.0		92.4	52-128		2.08	30	
Carbon tetrachloride	8.38		"	10.0		83.8	66-152		2.05	30	
Chlorobenzene	9.72		"	10.0		97.2	85-113		2.61	30	
Chloroethane	8.74		"	10.0		87.4	60-124		2.55	30	



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result					Limit			

Batch BH31232 - EPA 5030B

LCS Dup (BH31232-BSD1)

Prepared: 08/26/2013 Analyzed: 08/27/2013

Chloroform	9.19		ug/L	10.0		91.9	82-119			1.98	30		
Chloromethane	7.14		"	10.0		71.4	42-126			1.98	30		
cis-1,2-Dichloroethylene	9.38		"	10.0		93.8	79-116			1.50	30		
cis-1,3-Dichloropropylene	11.9		"	10.0		119	85-134			2.73	30		
Dibromochloromethane	9.48		"	10.0		94.8	74-151			5.31	30		
Dibromomethane	9.31		"	10.0		93.1	74-128			1.73	30		
Dichlorodifluoromethane	7.22		"	10.0		72.2	10-146			1.11	30		
Ethyl Benzene	10.7		"	10.0		107	85-125			1.89	30		
Hexachlorobutadiene	9.97		"	10.0		99.7	69-131			5.04	30		
Isopropylbenzene	11.2		"	10.0		112	71-128			1.89	30		
Methyl tert-butyl ether (MTBE)	8.38		"	10.0		83.8	51-134			1.56	30		
Methylene chloride	8.21		"	10.0		82.1	76-122			2.59	30		
Naphthalene	10.2		"	10.0		102	72-127			5.96	30		
n-Butylbenzene	10.3		"	10.0		103	69-127			1.46	30		
n-Propylbenzene	10.6		"	10.0		106	70-129			2.59	30		
o-Xylene	10.4		"	10.0		104	83-117			2.23	30		
p- & m- Xylenes	20.9		"	20.0		104	80-126			2.13	30		
p-Isopropyltoluene	10.5		"	10.0		105	74-130			1.25	30		
sec-Butylbenzene	11.0		"	10.0		110	72-132			1.47	30		
Styrene	10.9		"	10.0		109	62-160			2.79	30		
tert-Butylbenzene	10.8		"	10.0		108	75-129			2.83	30		
Tetrachloroethylene	7.22		"	10.0		72.2	67-118			2.52	30		
Toluene	9.29		"	10.0		92.9	82-118			9.63	30		
trans-1,2-Dichloroethylene	8.85		"	10.0		88.5	76-119			0.340	30		
trans-1,3-Dichloropropylene	12.3		"	10.0		123	80-137			8.06	30		
Trichloroethylene	10.2		"	10.0		102	71-122			1.38	30		
Trichlorofluoromethane	8.31		"	10.0		83.1	67-130			1.70	30		
Vinyl Chloride	8.65		"	10.0		86.5	49-125			1.40	30		
<i>Surrogate: 1,2-Dichloroethane-d4</i>	8.62		"	10.0		86.2	79-133						
<i>Surrogate: p-Bromofluorobenzene</i>	9.39		"	10.0		93.9	65-133						
<i>Surrogate: Toluene-d8</i>	9.29		"	10.0		92.9	80-123						



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13H0834-01	WQ08213:1040FRW1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13H0834-02	WQ08213:1045FRW2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13H0834-03	WQ08213:1050FRW3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13H0834-04	WQ08213:1055FRW4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

J Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.

B Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.

RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.

MDL METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.

NR Not reported

RPD Relative Percent Difference

Wet The data has been reported on an as-received (wet weight) basis

Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. BH08834

Client Information
Company: LBG
Address: 4 Research Drive,
Suite 301, Shelton CT, 06484
Phone no.: 203-929-8555
Contact Person Tunde Sandor
E-mail Addr.: tsandor@lbgcl.com
FAX No.: 203-926-9140

Report to:
 SAME
Name: Tunde Sandor
Company: Same
Address:
E-mail:
Fax No.:

Invoice To:
 SAME
Name: Mark Goldberg
Company: Same
Address:
E-mail:
Fax No.:

Client Project ID
Rowe Industries

Purchase Order no.
NABSAG

Samples from: CT NY NJ

Volatiles
8260 full
624
STARS
BTEX
MTBE
TCL list
TAGM
CT RCP
Arom.
Halog.
App. IX
8021B list

Volatiles
TICs
Site Spec.
SPL/Per/TCLP
Benzene
Nissau Co.
Suffolk Co.
Ketones
Oxgenates
TCLP list
524.2
507.2
5035

Semi-Vols.
E270 or 625
STARS
IBN Only
Acids Only
PAH
TAGM
CT RCP
TCL list
TICs
App. IX
SPL/Per/TCLP
608 Pest
TCLP BNA

8082 PCB
8081 Pest
8151 Herb
CT RCP
App. IX
Site Spec.
SPL/Per/TCLP
TCLP Pest
TCLP Herb
Chlordane
608 Pest
608 PCB

Metals
RCRA8
PP13
TT15
Total
Dissolved
SPL/Per/TCLP
Lead/Cadmium
Cu, Ni, Be, Fe.
Se, Ti, Sb, Cu, Mediane
Na, Mn, As, etc.

Misc. Org.
TPH GRO
TPH DRO
CT ETPH
NY 310-13
TPH 418.1
Air TO14A
Air TO15
Air STARS
Air VPH
Air TICs
Mediane
Heilum

Full Lists
Pri. Poll.
TCL Orgs
TAL, MeCN
Full TCLP
Full App. IX
Part 360/Lead
Part 360/Benzene
Part 360/Asbestos
Part 360/PCBs
NYCDEP/Lead
NYCDEP/Asbestos
NYCDEP/Copper
TAPBM

Miscellaneous Parameters
Conductivity
Reactivity
Ignitability
Flash Point
Sieve Anal.
Heterotrophs
TOX
BTU/lb
Aqueatic Tox.
TOC
Asbestos
Sulfur

Miscellaneous Parameters
Nitrate
Nitrite
TKN
Total Nitrogen
Ammonia-N
Chloride
Phosphate
Tot. Phos.
COD
TOSS
Total Solids
TDS
TPH-IR

Special Instructions
Field Filtered
Lab to Filter

Choose Analyses Needed from the Menu Above and Enter Below

Sample Identification	Date Sampled	Sample Matrix	Matrix Codes	Volatiles	Semi-Vols.	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters	Report Type/Deliverables	Container Description(s)
<u>W20082013:1040PFW1</u>	<u>8/20/13 1040</u>	<u>GW</u>	<u>S - soil</u>	8260 full	8082 PCB	RCRA8	TPH GRO	Pri. Poll.	Nitrate	Summary	<u>3V</u>
<u>W20082013:1045FAW2</u>	<u>1045</u>	<u>GW</u>	<u>Other - specify (oil, etc.)</u>	624	8081 Pest	PP13	TPH DRO	TCL Orgs	Nitrite	QA/QC Summary	<u>3V</u>
<u>W20082013:1050FRW3</u>	<u>1050</u>	<u>GW</u>	<u>WW - wastewater</u>	STARS	8151 Herb	TT15	CT ETPH	TAL, MeCN	TKN	CT RCP Pkg	<u>3V</u>
<u>W20082013:1055FRW4</u>	<u>1055</u>	<u>GW</u>	<u>GW - groundwater</u>	BTEX	CT RCP	CT RCP	NY 310-13	Full TCLP	Total Nitrogen	ASP A Pkg	<u>3V</u>
<u>W20082013:1055FRW4 MS</u>	<u>1055</u>	<u>GW</u>	<u>DW - drinking water</u>	MTBE	Acids Only	Total	TPH 418.1	Full App. IX	Cyanide-T	ASP B Pkg	<u>3V</u>
<u>W20082013:1055FRW4MSD</u>	<u>1055</u>	<u>GW</u>	<u>Air-A - ambient air</u>	TCL list	PAH	Dissolved	Air TO14A	Part 360/Lead	Cyanide-A	Excel	<u>3V</u>
		<u>GW</u>	<u>Air-SV - soil vapor</u>	TAGM	Suffolk Co.	SPL/Per/TCLP	Air TO15	Part 360/Benzene	BOD5	EDD	
		<u>GW</u>		CT RCP	Ketones	TCLP Herb	Phosphate	TOX	Chloride		
		<u>GW</u>		Arom.	Oxgenates	Lead/Cadmium	Tot. Phos.	BTU/lb	Phosphate		
		<u>GW</u>		Halog.	524.2	Cu, Ni, Be, Fe.	TOSS	Aqueatic Tox.	Tot. Phos.		
		<u>GW</u>		App. IX	507.2	Se, Ti, Sb, Cu, Mediane	TOC	Asbestos	TOC		
		<u>GW</u>		8021B list	5035	Na, Mn, As, etc.	NYCDEP/Lead	Sulfur	F.O.G.		
		<u>GW</u>					NYCDEP/Copper	Asbestos	pH		
		<u>GW</u>					TAPBM	Asbestos	TDS		
		<u>GW</u>						Sulfur	TPH-IR		
Comments											
<p>Preservation "X" those applicable</p> <p>Cool 4°C <input type="checkbox"/> HNO3 <input type="checkbox"/> H2SO4 <input type="checkbox"/> NaOH <input type="checkbox"/> FROZEN <input type="checkbox"/></p> <p>Samples Relinquished By <u>[Signature]</u> Date/Time <u>8/21/13 1600</u></p> <p>Samples Relinquished By <u>[Signature]</u> Date/Time <u>8/22/13 1215</u></p> <p>Samples Received in LAB by <u>[Signature]</u> Date/Time <u>8/21/13 1600</u></p> <p>Samples Received in LAB by <u>[Signature]</u> Date/Time <u>8/22/13 1215</u></p> <p>Temperature on Receipt <u>4.3 °C</u></p>											