

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	---	---
4-Jun-13	7.2	163	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	12.1	ND<0.02
12-Jun-13	7.3	105	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	1.7 J	ND<0.5	ND<0.5	ND<0.5	8.95	0.075
17-Jun-13	7.1	119	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	1.01	0.088
25-Jun-13	7.3	126	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	8.15	ND<0.02

SPDES: State Pollutant Discharge Elimination System

mg/l: Milligrams per liter

ug/l: Micrograms per liter

----: Not established

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

NM: Not Measured

TDS: Total dissolved solids

PCE: Tetrachloroethylene

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

TCE: Trichloroethene

1,1-DCA: 1,1-Dichloroethane

1,1-DCE: 1,1-Dichloroethene

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

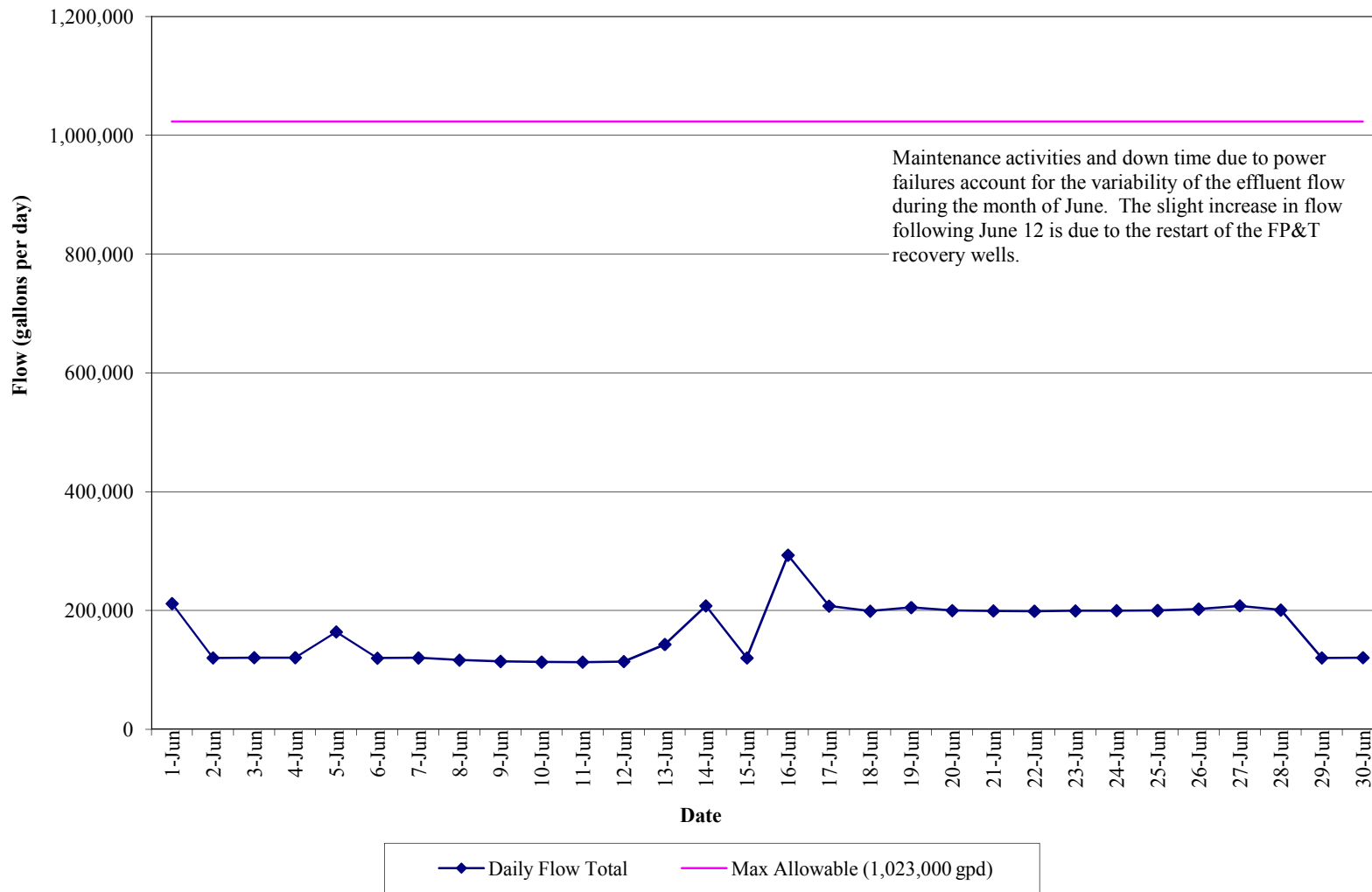
trans-1,2,-DCE: trans-1,2-Dichloroethene

Notes:

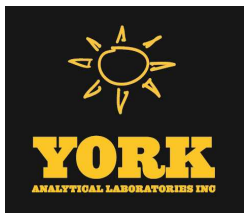
1. Based on the SPDES criteria from an NYSDEC letter dated on October 21, 2011, the new allowable pH range for the Rowe Site is between 5.0 and 8.5.
2. "Effluent" samples were collected from sample port labeled NP2-10 unless otherwise noted.

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

**Effluent Flow Data
(June 1, 2013 to June 30, 2013)**



APPENDIX I
JUNE 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: 06/13/2013

Client Project ID: Rowe Industries

York Project (SDG) No.: 13F0270

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 06/13/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13F0270

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 June 06, 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>
13F0270-01	WQ060413:1030NP2-6	Water	06/04/2013	06/06/2013
13F0270-02	WQ060413:1035NP2-7	Water	06/04/2013	06/06/2013
13F0271-01	WQ060413:1040NP2-10	Water	06/04/2013	06/06/2013

General Notes for York Project (SDG) No.: 13F0270

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.

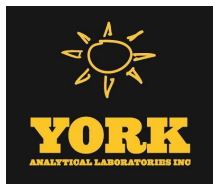
Approved By:



Benjamin Gulizia
Laboratory Director

Date: 06/13/2013

YORK



Sample Information

Client Sample ID: WQ060413:1030NP2-6

York Sample ID: 13F0270-01

York Project (SDG) No.
13F0270

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
June 4, 2013 10:30 am

Date Received
06/06/2013

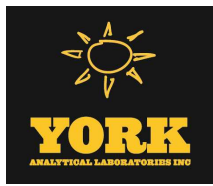
Volatile Organics, 8260 List - Low Level

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	06/11/2013 10:50	06/13/2013 00:01	SS
71-55-6	1,1,1-Trichloroethane	1.0		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	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	06/11/2013 10:50	06/13/2013 00:01	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
75-34-3	1,1-Dichloroethane	0.31	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
75-25-2	Bromoform	0.41	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS



Sample Information

Client Sample ID: WQ060413:1030NP2-6

York Sample ID: 13F0270-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0270

Rowe Industries

Water

June 4, 2013 10:30 am

06/06/2013

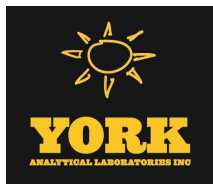
Volatile Organics, 8260 List - Low Level

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	06/11/2013 10:50	06/13/2013 00:01	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
124-48-1	Dibromochloromethane	0.38	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
127-18-4	Tetrachloroethylene	1.0		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS



Sample Information

Client Sample ID: WQ060413:1030NP2-6

York Sample ID: 13F0270-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0270

Rowe Industries

Water

June 4, 2013 10:30 am

06/06/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for Surrogate Recoveries (17060-07-0, 460-00-4, 2037-26-5).

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

Table with columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes row for Iron (CAS No. 7439-89-6).

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

Table with columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes row for Iron (CAS No. 7439-89-6).

Sample Information

Client Sample ID: WQ060413:1035NP2-7

York Sample ID: 13F0270-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0270

Rowe Industries

Water

June 4, 2013 10:35 am

06/06/2013

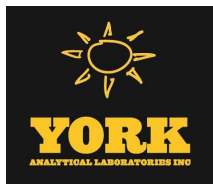
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for various volatile organics (630-20-6, 71-55-6, 79-34-5, 76-13-1, 79-00-5, 75-34-3, 75-35-4, 563-58-6, 87-61-6, 96-18-4, 120-82-1, 95-63-6).



Sample Information

Client Sample ID: WQ060413:1035NP2-7

York Sample ID: 13F0270-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0270

Rowe Industries

Water

June 4, 2013 10:35 am

06/06/2013

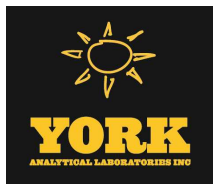
Volatile Organics, 8260 List - Low Level

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	06/11/2013 10:50	06/13/2013 00:42	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
75-25-2	Bromoform	0.68		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
124-48-1	Dibromochloromethane	0.45	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS



Sample Information

Client Sample ID: WQ060413:1035NP2-7

York Sample ID: 13F0270-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0270

Rowe Industries

Water

June 4, 2013 10:35 am

06/06/2013

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	06/11/2013 10:50	06/13/2013 00:42	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	116 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	93.7 %	81.2-127								

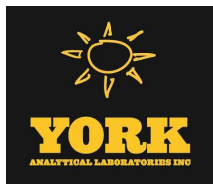
Iron, Dissolved by EPA 6010

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	0.0100	0.0200	1	EPA SW846-6010B	06/12/2013 15:40	06/12/2013 18:25	MW



Sample Information

Client Sample ID: WQ060413:1035NP2-7

York Sample ID: 13F0270-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0270

Rowe Industries

Water

June 4, 2013 10:35 am

06/06/2013

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-89-6, Iron, 6.20, mg/L, 0.0100, 0.0200, 1, EPA 200.7, 06/12/2013 15:44, 06/12/2013 20:12, MW

Sample Information

Client Sample ID: WQ060413:1040NP2-10

York Sample ID: 13F0271-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0271

Rowe Industries

Water

June 4, 2013 10:40 am

06/06/2013

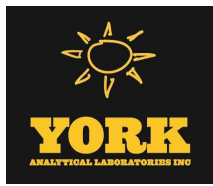
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Multiple rows listing various organic compounds and their results (mostly ND).



Sample Information

Client Sample ID: WQ060413:1040NP2-10

York Sample ID: 13F0271-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0271

Rowe Industries

Water

June 4, 2013 10:40 am

06/06/2013

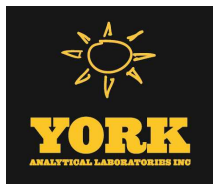
Volatile Organics, 8260 List - Low Level

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	06/11/2013 10:50	06/12/2013 12:07	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS



Sample Information

Client Sample ID: WQ060413:1040NP2-10

York Sample ID: 13F0271-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0271

Rowe Industries

Water

June 4, 2013 10:40 am

06/06/2013

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	06/11/2013 10:50	06/12/2013 12:07	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	116 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	94.1 %	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	0.0100	0.0200	1	EPA SW846-6010B	06/12/2013 15:40	06/12/2013 18:30	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	12.1		mg/L	0.0100	0.0200	1	EPA 200.7	06/12/2013 15:44	06/11/2013 20:17	MW

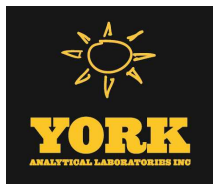
Total Dissolved Solids

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	163		mg/L	1.00	1.00	1	SM 2540C	06/10/2013 13:17	06/11/2013 12:54	ALD



Analytical Batch Summary

Batch ID: BF30423 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
13F0271-01	WQ060413:1040NP2-10	06/10/13
BF30423-BLK1	Blank	06/10/13
BF30423-DUP1	Duplicate	06/10/13

Batch ID: BF30530 **Preparation Method:** EPA 5030B **Prepared By:** KH

YORK Sample ID	Client Sample ID	Preparation Date
13F0271-01	WQ060413:1040NP2-10	06/11/13
BF30530-BLK1	Blank	06/12/13
BF30530-BS1	LCS	06/12/13
BF30530-BSD1	LCS Dup	06/12/13

Batch ID: BF30573 **Preparation Method:** EPA 5030B **Prepared By:** KH

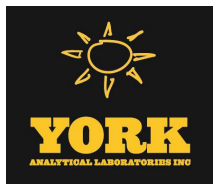
YORK Sample ID	Client Sample ID	Preparation Date
13F0270-01	WQ060413:1030NP2-6	06/11/13
13F0270-02	WQ060413:1035NP2-7	06/11/13
BF30573-BLK1	Blank	06/12/13
BF30573-BS1	LCS	06/12/13
BF30573-BSD1	LCS Dup	06/12/13

Batch ID: BF30578 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13F0270-01	WQ060413:1030NP2-6	06/12/13
13F0270-02	WQ060413:1035NP2-7	06/12/13
13F0271-01	WQ060413:1040NP2-10	06/12/13
BF30578-BLK1	Blank	06/12/13
BF30578-DUP1	Duplicate	06/12/13
BF30578-MS1	Matrix Spike	06/12/13
BF30578-SRM1	Reference	06/12/13

Batch ID: BF30579 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13F0270-01	WQ060413:1030NP2-6	06/12/13
13F0270-02	WQ060413:1035NP2-7	06/12/13
13F0271-01	WQ060413:1040NP2-10	06/12/13
BF30579-BLK1	Blank	06/12/13
BF30579-DUP1	Duplicate	06/12/13
BF30579-MS1	Matrix Spike	06/12/13
BF30579-SRM1	Reference	06/12/13



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

York Analytical Laboratories, Inc.

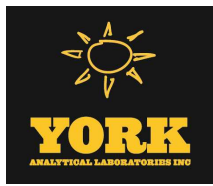
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF30530 - EPA 5030B

Blank (BF30530-BLK1)

Prepared & Analyzed: 06/12/2013

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	0.20	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	1.8	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 BF30530 - EPA 5030B

Blank (BF30530-BLK1)

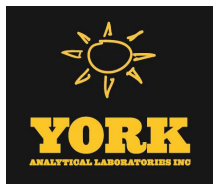
Prepared & Analyzed: 06/12/2013

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	0.23	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>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>11.5</i>		<i>"</i>	<i>10.0</i>		<i>115</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.43</i>		<i>"</i>	<i>10.0</i>		<i>94.3</i>	<i>81.2-127</i>				

LCS (BF30530-BS1)

Prepared & Analyzed: 06/12/2013

1,1,1,2-Tetrachloroethane	11.4		ug/L	10.0		114	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)	9.05		"	10.0		90.5	71.1-129				
1,1,2-Trichloroethane	9.82		"	10.0		98.2	74.5-129				
1,1-Dichloroethane	8.80		"	10.0		88.0	79.6-132				
1,1-Dichloroethylene	8.31		"	10.0		83.1	80.2-146				
1,1-Dichloropropylene	9.87		"	10.0		98.7	75-136				
1,2,3-Trichlorobenzene	11.6		"	10.0		116	66.1-136				
1,2,3-Trichloropropane	10.5		"	10.0		105	63-131				
1,2,4-Trichlorobenzene	11.7		"	10.0		117	70.6-136				
1,2,4-Trimethylbenzene	10.3		"	10.0		103	75.3-135				
1,2-Dibromo-3-chloropropane	8.09		"	10.0		80.9	58.9-140				
1,2-Dibromoethane	11.0		"	10.0		110	79-130				
1,2-Dichlorobenzene	10.3		"	10.0		103	76.1-122				
1,2-Dichloroethane	10.3		"	10.0		103	74.6-132				
1,2-Dichloropropane	9.56		"	10.0		95.6	76.9-129				
1,3,5-Trimethylbenzene	10.2		"	10.0		102	70.6-127				
1,3-Dichlorobenzene	10.7		"	10.0		107	77-124				
1,3-Dichloropropane	9.63		"	10.0		96.3	75.8-126				
1,4-Dichlorobenzene	10.5		"	10.0		105	76.6-125				
2,2-Dichloropropane	11.5		"	10.0		115	69-133				
2-Chlorotoluene	9.87		"	10.0		98.7	66.3-119				
2-Hexanone	10.1		"	10.0		101	70-130				
4-Chlorotoluene	10.1		"	10.0		101	69.2-127				
Acetone	7.46		"	10.0		74.6	70-130				
Benzene	10.5		"	10.0		105	76.2-129				
Bromobenzene	10.0		"	10.0		100	71.3-123				
Bromochloromethane	10.4		"	10.0		104	70.8-137				
Bromodichloromethane	10.6		"	10.0		106	79.7-134				
Bromoform	13.6		"	10.0		136	70.5-141				
Bromomethane	8.73		"	10.0		87.3	43.9-147				
Carbon tetrachloride	12.2		"	10.0		122	78.1-138				
Chlorobenzene	10.2		"	10.0		102	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	
		Limit			Result				RPD	Limit

Batch BF30530 - EPA 5030B

LCS (BF30530-BS1)

Prepared & Analyzed: 06/12/2013

Chloroethane	8.55		ug/L	10.0		85.5	55.8-140			
Chloroform	10.5		"	10.0		105	76.6-133			
Chloromethane	7.89		"	10.0		78.9	48.8-115			
cis-1,2-Dichloroethylene	10.2		"	10.0		102	75.1-128			
cis-1,3-Dichloropropylene	11.2		"	10.0		112	74.5-128			
Dibromochloromethane	12.6		"	10.0		126	79.8-134			
Dibromomethane	9.48		"	10.0		94.8	79-130			
Dichlorodifluoromethane	8.35		"	10.0		83.5	47.1-101			
Ethyl Benzene	10.4		"	10.0		104	80.8-128			
Hexachlorobutadiene	11.2		"	10.0		112	64.8-128			
Isopropylbenzene	10.7		"	10.0		107	75.5-135			
Methyl tert-butyl ether (MTBE)	9.70		"	10.0		97.0	65.1-140			
Methylene chloride	6.69		"	10.0		66.9	61.3-120			
Naphthalene	12.1		"	10.0		121	62.3-148			
n-Butylbenzene	9.66		"	10.0		96.6	67.2-123			
n-Propylbenzene	10.3		"	10.0		103	70.5-127			
o-Xylene	9.75		"	10.0		97.5	75.9-122			
p- & m- Xylenes	20.6		"	20.0		103	77.7-127			
p-Isopropyltoluene	10.7		"	10.0		107	75.6-129			
sec-Butylbenzene	10.6		"	10.0		106	71.5-125			
Styrene	10.5		"	10.0		105	77.8-123			
tert-Butylbenzene	10.6		"	10.0		106	75.9-151			
Tetrachloroethylene	10.6		"	10.0		106	63.6-167			
Toluene	9.92		"	10.0		99.2	77-123			
trans-1,2-Dichloroethylene	8.70		"	10.0		87.0	76.3-139			
trans-1,3-Dichloropropylene	10.9		"	10.0		109	72.5-137			
Trichloroethylene	10.2		"	10.0		102	77.9-130			
Trichlorofluoromethane	8.93		"	10.0		89.3	57.4-133			
Vinyl Chloride	8.17		"	10.0		81.7	54.9-124			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>72.6-129</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.7</i>		<i>"</i>	<i>10.0</i>		<i>107</i>	<i>63.5-145</i>			
<i>Surrogate: Toluene-d8</i>	<i>9.48</i>		<i>"</i>	<i>10.0</i>		<i>94.8</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 BF30530 - EPA 5030B											
LCS Dup (BF30530-BSD1)											
Prepared & Analyzed: 06/12/2013											
1,1,1,2-Tetrachloroethane	11.3		ug/L	10.0		113	82.3-130		1.32	21.1	
1,1,1-Trichloroethane	11.7		"	10.0		117	75.6-137		2.16	19.7	
1,1,2,2-Tetrachloroethane	9.83		"	10.0		98.3	71.3-131		4.67	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.27		"	10.0		92.7	71.1-129		2.40	21.7	
1,1,2-Trichloroethane	9.08		"	10.0		90.8	74.5-129		7.83	20.3	
1,1-Dichloroethane	10.2		"	10.0		102	79.6-132		15.1	20.6	
1,1-Dichloroethylene	8.58		"	10.0		85.8	80.2-146		3.20	20	
1,1-Dichloropropylene	10.3		"	10.0		103	75-136		4.17	19.3	
1,2,3-Trichlorobenzene	11.2		"	10.0		112	66.1-136		3.16	21.6	
1,2,3-Trichloropropane	10.0		"	10.0		100	63-131		4.09	23.9	
1,2,4-Trichlorobenzene	11.3		"	10.0		113	70.6-136		3.22	21.7	
1,2,4-Trimethylbenzene	10.5		"	10.0		105	75.3-135		1.82	18.8	
1,2-Dibromo-3-chloropropane	8.12		"	10.0		81.2	58.9-140		0.370	27.7	
1,2-Dibromoethane	10.6		"	10.0		106	79-130		4.07	23	
1,2-Dichlorobenzene	10.2		"	10.0		102	76.1-122		1.17	19.8	
1,2-Dichloroethane	10.5		"	10.0		105	74.6-132		1.44	20.2	
1,2-Dichloropropane	9.39		"	10.0		93.9	76.9-129		1.79	20.7	
1,3,5-Trimethylbenzene	10.6		"	10.0		106	70.6-127		3.18	18.9	
1,3-Dichlorobenzene	11.0		"	10.0		110	77-124		2.94	19.2	
1,3-Dichloropropane	9.30		"	10.0		93.0	75.8-126		3.49	22.1	
1,4-Dichlorobenzene	10.4		"	10.0		104	76.6-125		0.766	18.6	
2,2-Dichloropropane	11.9		"	10.0		119	69-133		2.82	19.8	
2-Chlorotoluene	10.1		"	10.0		101	66.3-119		2.70	21.6	
2-Hexanone	8.63		"	10.0		86.3	70-130		15.9	30	
4-Chlorotoluene	10.4		"	10.0		104	69.2-127		2.54	19	
Acetone	7.77		"	10.0		77.7	70-130		4.07	30	
Benzene	10.9		"	10.0		109	76.2-129		3.46	19	
Bromobenzene	9.94		"	10.0		99.4	71.3-123		1.10	20.3	
Bromochloromethane	10.4		"	10.0		104	70.8-137		0.0961	23.9	
Bromodichloromethane	10.3		"	10.0		103	79.7-134		2.11	21	
Bromoform	12.8		"	10.0		128	70.5-141		5.82	21.8	
Bromomethane	8.75		"	10.0		87.5	43.9-147		0.229	28.4	
Carbon tetrachloride	12.6		"	10.0		126	78.1-138		2.91	20.1	
Chlorobenzene	10.1		"	10.0		101	80.4-125		1.48	19.9	
Chloroethane	8.83		"	10.0		88.3	55.8-140		3.22	23.3	
Chloroform	10.9		"	10.0		109	76.6-133		3.75	20.3	
Chloromethane	8.26		"	10.0		82.6	48.8-115		4.58	24.5	
cis-1,2-Dichloroethylene	10.6		"	10.0		106	75.1-128		4.03	20.5	
cis-1,3-Dichloropropylene	10.8		"	10.0		108	74.5-128		3.45	19.9	
Dibromochloromethane	11.8		"	10.0		118	79.8-134		6.58	21.3	
Dibromomethane	9.31		"	10.0		93.1	79-130		1.81	22.4	
Dichlorodifluoromethane	8.69		"	10.0		86.9	47.1-101		3.99	23.9	
Ethyl Benzene	10.4		"	10.0		104	80.8-128		0.481	19.2	
Hexachlorobutadiene	11.2		"	10.0		112	64.8-128		0.0892	20.6	
Isopropylbenzene	11.0		"	10.0		110	75.5-135		2.95	20	
Methyl tert-butyl ether (MTBE)	9.27		"	10.0		92.7	65.1-140		4.53	23.6	
Methylene chloride	6.56		"	10.0		65.6	61.3-120		1.96	20.4	
Naphthalene	11.4		"	10.0		114	62.3-148		6.39	27.1	
n-Butylbenzene	9.71		"	10.0		97.1	67.2-123		0.516	19.1	
n-Propylbenzene	10.6		"	10.0		106	70.5-127		3.35	23.4	
o-Xylene	9.75		"	10.0		97.5	75.9-122		0.00	19.3	



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 BF30530 - EPA 5030B

LCS Dup (BF30530-BSD1)

Prepared & Analyzed: 06/12/2013

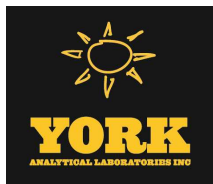
p- & m- Xylenes	20.7		ug/L	20.0		104	77.7-127		0.387	18.6	
p-Isopropyltoluene	11.0		"	10.0		110	75.6-129		2.85	19.1	
sec-Butylbenzene	10.9		"	10.0		109	71.5-125		2.69	18.9	
Styrene	10.4		"	10.0		104	77.8-123		1.53	20.9	
tert-Butylbenzene	10.9		"	10.0		109	75.9-151		2.04	20.9	
Tetrachloroethylene	10.7		"	10.0		107	63.6-167		0.937	27.7	
Toluene	9.94		"	10.0		99.4	77-123		0.201	18.7	
trans-1,2-Dichloroethylene	9.20		"	10.0		92.0	76.3-139		5.59	19.5	
trans-1,3-Dichloropropylene	10.6		"	10.0		106	72.5-137		2.79	19.3	
Trichloroethylene	10.2		"	10.0		102	77.9-130		0.0980	20.5	
Trichlorofluoromethane	9.32		"	10.0		93.2	57.4-133		4.27	21.4	
Vinyl Chloride	8.41		"	10.0		84.1	54.9-124		2.90	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.98</i>		<i>"</i>	<i>10.0</i>		<i>99.8</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.8</i>		<i>"</i>	<i>10.0</i>		<i>108</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.58</i>		<i>"</i>	<i>10.0</i>		<i>95.8</i>	<i>81.2-127</i>				

Batch BF30573 - EPA 5030B

Blank (BF30573-BLK1)

Prepared & Analyzed: 06/12/2013

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	0.22	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	1.4	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.

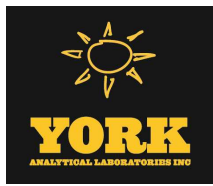
Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit								Limit			

Batch BF30573 - EPA 5030B

Blank (BF30573-BLK1)

Prepared & Analyzed: 06/12/2013

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	10.4		"	10.0		104		72.6-129					
Surrogate: p-Bromofluorobenzene	12.2		"	10.0		122		63.5-145					
Surrogate: Toluene-d8	9.62		"	10.0		96.2		81.2-127					



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 BF30573 - EPA 5030B

LCS (BF30573-BS1)

Prepared & Analyzed: 06/12/2013

1,1,1,2-Tetrachloroethane	11.5		ug/L	10.0		115	82.3-130					
1,1,1-Trichloroethane	11.6		"	10.0		116	75.6-137					
1,1,2,2-Tetrachloroethane	9.94		"	10.0		99.4	71.3-131					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.31		"	10.0		93.1	71.1-129					
1,1,2-Trichloroethane	9.67		"	10.0		96.7	74.5-129					
1,1-Dichloroethane	10.0		"	10.0		100	79.6-132					
1,1-Dichloroethylene	8.44		"	10.0		84.4	80.2-146					
1,1-Dichloropropylene	10.4		"	10.0		104	75-136					
1,2,3-Trichlorobenzene	11.1		"	10.0		111	66.1-136					
1,2,3-Trichloropropane	10.6		"	10.0		106	63-131					
1,2,4-Trichlorobenzene	11.7		"	10.0		117	70.6-136					
1,2,4-Trimethylbenzene	10.6		"	10.0		106	75.3-135					
1,2-Dibromo-3-chloropropane	8.21		"	10.0		82.1	58.9-140					
1,2-Dibromoethane	10.8		"	10.0		108	79-130					
1,2-Dichlorobenzene	10.5		"	10.0		105	76.1-122					
1,2-Dichloroethane	10.6		"	10.0		106	74.6-132					
1,2-Dichloropropane	9.51		"	10.0		95.1	76.9-129					
1,3,5-Trimethylbenzene	10.5		"	10.0		105	70.6-127					
1,3-Dichlorobenzene	11.0		"	10.0		110	77-124					
1,3-Dichloropropane	9.47		"	10.0		94.7	75.8-126					
1,4-Dichlorobenzene	10.7		"	10.0		107	76.6-125					
2,2-Dichloropropane	9.91		"	10.0		99.1	69-133					
2-Chlorotoluene	10.4		"	10.0		104	66.3-119					
2-Hexanone	9.40		"	10.0		94.0	70-130					
4-Chlorotoluene	10.5		"	10.0		105	69.2-127					
Acetone	7.41		"	10.0		74.1	70-130					
Benzene	10.7		"	10.0		107	76.2-129					
Bromobenzene	10.4		"	10.0		104	71.3-123					
Bromochloromethane	10.1		"	10.0		101	70.8-137					
Bromodichloromethane	10.5		"	10.0		105	79.7-134					
Bromoform	12.8		"	10.0		128	70.5-141					
Bromomethane	8.71		"	10.0		87.1	43.9-147					
Carbon tetrachloride	12.6		"	10.0		126	78.1-138					
Chlorobenzene	10.4		"	10.0		104	80.4-125					
Chloroethane	8.58		"	10.0		85.8	55.8-140					
Chloroform	10.9		"	10.0		109	76.6-133					
Chloromethane	8.25		"	10.0		82.5	48.8-115					
cis-1,2-Dichloroethylene	10.4		"	10.0		104	75.1-128					
cis-1,3-Dichloropropylene	10.7		"	10.0		107	74.5-128					
Dibromochloromethane	12.2		"	10.0		122	79.8-134					
Dibromomethane	9.67		"	10.0		96.7	79-130					
Dichlorodifluoromethane	8.72		"	10.0		87.2	47.1-101					
Ethyl Benzene	10.6		"	10.0		106	80.8-128					
Hexachlorobutadiene	11.6		"	10.0		116	64.8-128					
Isopropylbenzene	11.3		"	10.0		113	75.5-135					
Methyl tert-butyl ether (MTBE)	9.26		"	10.0		92.6	65.1-140					
Methylene chloride	6.59		"	10.0		65.9	61.3-120					
Naphthalene	11.9		"	10.0		119	62.3-148					
n-Butylbenzene	9.73		"	10.0		97.3	67.2-123					
n-Propylbenzene	10.7		"	10.0		107	70.5-127					
o-Xylene	9.96		"	10.0		99.6	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 BF30573 - EPA 5030B

LCS (BF30573-BS1)

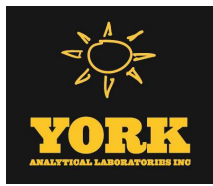
Prepared & Analyzed: 06/12/2013

p- & m- Xylenes	21.2		ug/L	20.0		106	77.7-127				
p-Isopropyltoluene	11.3		"	10.0		113	75.6-129				
sec-Butylbenzene	11.2		"	10.0		112	71.5-125				
Styrene	10.5		"	10.0		105	77.8-123				
tert-Butylbenzene	11.2		"	10.0		112	75.9-151				
Tetrachloroethylene	11.3		"	10.0		113	63.6-167				
Toluene	10.0		"	10.0		100	77-123				
trans-1,2-Dichloroethylene	9.08		"	10.0		90.8	76.3-139				
trans-1,3-Dichloropropylene	10.6		"	10.0		106	72.5-137				
Trichloroethylene	10.5		"	10.0		105	77.9-130				
Trichlorofluoromethane	9.20		"	10.0		92.0	57.4-133				
Vinyl Chloride	8.07		"	10.0		80.7	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	9.61		"	10.0		96.1	72.6-129				
Surrogate: p-Bromofluorobenzene	11.3		"	10.0		113	63.5-145				
Surrogate: Toluene-d8	9.56		"	10.0		95.6	81.2-127				

LCS Dup (BF30573-BSD1)

Prepared & Analyzed: 06/12/2013

1,1,1,2-Tetrachloroethane	12.3		ug/L	10.0		123	82.3-130		6.39	21.1	
1,1,1-Trichloroethane	11.5		"	10.0		115	75.6-137		1.12	19.7	
1,1,2,2-Tetrachloroethane	11.0		"	10.0		110	71.3-131		9.94	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.08		"	10.0		90.8	71.1-129		2.50	21.7	
1,1,2-Trichloroethane	9.74		"	10.0		97.4	74.5-129		0.721	20.3	
1,1-Dichloroethane	9.74		"	10.0		97.4	79.6-132		3.03	20.6	
1,1-Dichloroethylene	8.20		"	10.0		82.0	80.2-146		2.88	20	
1,1-Dichloropropylene	9.93		"	10.0		99.3	75-136		4.24	19.3	
1,2,3-Trichlorobenzene	12.3		"	10.0		123	66.1-136		10.0	21.6	
1,2,3-Trichloropropane	10.9		"	10.0		109	63-131		2.90	23.9	
1,2,4-Trichlorobenzene	12.4		"	10.0		124	70.6-136		5.98	21.7	
1,2,4-Trimethylbenzene	10.5		"	10.0		105	75.3-135		1.23	18.8	
1,2-Dibromo-3-chloropropane	10.0		"	10.0		100	58.9-140		20.1	27.7	
1,2-Dibromoethane	10.6		"	10.0		106	79-130		1.41	23	
1,2-Dichlorobenzene	10.9		"	10.0		109	76.1-122		4.30	19.8	
1,2-Dichloroethane	10.4		"	10.0		104	74.6-132		1.53	20.2	
1,2-Dichloropropane	9.26		"	10.0		92.6	76.9-129		2.66	20.7	
1,3,5-Trimethylbenzene	10.6		"	10.0		106	70.6-127		0.853	18.9	
1,3-Dichlorobenzene	11.7		"	10.0		117	77-124		5.99	19.2	
1,3-Dichloropropane	9.80		"	10.0		98.0	75.8-126		3.43	22.1	
1,4-Dichlorobenzene	11.2		"	10.0		112	76.6-125		4.31	18.6	
2,2-Dichloropropane	9.70		"	10.0		97.0	69-133		2.14	19.8	
2-Chlorotoluene	10.4		"	10.0		104	66.3-119		0.289	21.6	
2-Hexanone	10.4		"	10.0		104	70-130		9.91	30	
4-Chlorotoluene	10.7		"	10.0		107	69.2-127		1.51	19	
Acetone	7.50		"	10.0		75.0	70-130		1.21	30	
Benzene	10.5		"	10.0		105	76.2-129		2.17	19	
Bromobenzene	10.7		"	10.0		107	71.3-123		2.93	20.3	
Bromochloromethane	9.89		"	10.0		98.9	70.8-137		2.20	23.9	
Bromodichloromethane	10.2		"	10.0		102	79.7-134		2.71	21	
Bromoform	14.4		"	10.0		144	70.5-141	High Bias	11.6	21.8	
Bromomethane	8.24		"	10.0		82.4	43.9-147		5.55	28.4	
Carbon tetrachloride	12.1		"	10.0		121	78.1-138		4.21	20.1	
Chlorobenzene	10.4		"	10.0		104	80.4-125		0.192	19.9	
Chloroethane	8.18		"	10.0		81.8	55.8-140		4.77	23.3	



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

York Analytical Laboratories, Inc.

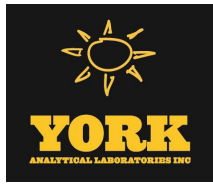
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF30573 - EPA 5030B

LCS Dup (BF30573-BSD1)

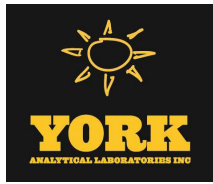
Prepared & Analyzed: 06/12/2013

Chloroform	10.3		ug/L	10.0		103	76.6-133		5.58	20.3	
Chloromethane	7.94		"	10.0		79.4	48.8-115		3.83	24.5	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	75.1-128		2.05	20.5	
cis-1,3-Dichloropropylene	10.6		"	10.0		106	74.5-128		0.562	19.9	
Dibromochloromethane	13.0		"	10.0		130	79.8-134		6.33	21.3	
Dibromomethane	9.30		"	10.0		93.0	79-130		3.90	22.4	
Dichlorodifluoromethane	8.48		"	10.0		84.8	47.1-101		2.79	23.9	
Ethyl Benzene	10.5		"	10.0		105	80.8-128		1.42	19.2	
Hexachlorobutadiene	11.8		"	10.0		118	64.8-128		1.71	20.6	
Isopropylbenzene	11.3		"	10.0		113	75.5-135		0.0884	20	
Methyl tert-butyl ether (MTBE)	9.06		"	10.0		90.6	65.1-140		2.18	23.6	
Methylene chloride	6.34		"	10.0		63.4	61.3-120		3.87	20.4	
Naphthalene	13.0		"	10.0		130	62.3-148		9.39	27.1	
n-Butylbenzene	9.88		"	10.0		98.8	67.2-123		1.53	19.1	
n-Propylbenzene	10.7		"	10.0		107	70.5-127		0.468	23.4	
o-Xylene	9.94		"	10.0		99.4	75.9-122		0.201	19.3	
p- & m- Xylenes	21.0		"	20.0		105	77.7-127		1.33	18.6	
p-Isopropyltoluene	11.4		"	10.0		114	75.6-129		0.794	19.1	
sec-Butylbenzene	11.4		"	10.0		114	71.5-125		0.885	18.9	
Styrene	10.4		"	10.0		104	77.8-123		1.34	20.9	
tert-Butylbenzene	11.4		"	10.0		114	75.9-151		1.60	20.9	
Tetrachloroethylene	10.8		"	10.0		108	63.6-167		4.26	27.7	
Toluene	9.81		"	10.0		98.1	77-123		2.42	18.7	
trans-1,2-Dichloroethylene	8.72		"	10.0		87.2	76.3-139		4.04	19.5	
trans-1,3-Dichloropropylene	10.7		"	10.0		107	72.5-137		0.657	19.3	
Trichloroethylene	10.2		"	10.0		102	77.9-130		2.79	20.5	
Trichlorofluoromethane	8.79		"	10.0		87.9	57.4-133		4.56	21.4	
Vinyl Chloride	7.93		"	10.0		79.3	54.9-124		1.75	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.84</i>		<i>"</i>	<i>10.0</i>		<i>98.4</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.9</i>		<i>"</i>	<i>10.0</i>		<i>109</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.50</i>		<i>"</i>	<i>10.0</i>		<i>95.0</i>	<i>81.2-127</i>				



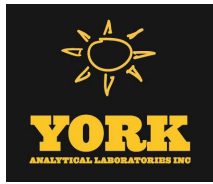
Metals by EPA 6000 Series Methods - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Limit	Flag
		Limit		Level	Result		Limits		Limit			
Batch BF30578 - EPA 3010A												
Blank (BF30578-BLK1)										Prepared & Analyzed: 06/12/2013		
Iron - Dissolved	ND	0.0200	mg/L									
Duplicate (BF30578-DUP1)										*Source sample: 13F0271-01 (WQ060413:1040NP2-10) Prepared & Analyzed: 06/12/2013		
Iron - Dissolved	0.0145	0.0200	mg/L		0.0149					2.72	20	
Matrix Spike (BF30578-MS1)										*Source sample: 13F0271-01 (WQ060413:1040NP2-10) Prepared & Analyzed: 06/12/2013		
Iron - Dissolved	1.09	0.0200	mg/L	1.00	0.0149	108	75-125					
Reference (BF30578-SRM1)										Prepared & Analyzed: 06/12/2013		
Iron - Dissolved	1.39	0.0200	mg/L	1.39		100	88.4-113					



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

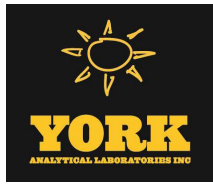
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30579 - EPA 3010A											
Blank (BF30579-BLK1)								Prepared & Analyzed: 06/12/2013			
Iron	ND	0.0200	mg/L								
Duplicate (BF30579-DUP1)								*Source sample: 13F0271-01 (WQ060413:1040NP2-10) Prepared & Analyzed: 06/12/2013			
Iron	12.1	0.0200	mg/L		12.1				0.165	20	
Matrix Spike (BF30579-MS1)								*Source sample: 13F0271-01 (WQ060413:1040NP2-10) Prepared & Analyzed: 06/12/2013			
Iron	13.7	0.0200	mg/L	1.00	12.1	157	75-125	High Bias			
Reference (BF30579-SRM1)								Prepared & Analyzed: 06/12/2013			
Iron	1.37	0.0200	mg/L	1.39		98.6	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
Batch BF30423 - % Solids Prep											
Blank (BF30423-BLK1)											
						Prepared: 06/10/2013 Analyzed: 06/11/2013					
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BF30423-DUP1)											
*Source sample: 13F0271-01 (WQ060413:1040NP2-10)						Prepared: 06/10/2013 Analyzed: 06/11/2013					
Total Dissolved Solids	162	1.00	mg/L		163				0.615	15	



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13F0270-01	WQ060413:1030NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0270-02	WQ060413:1035NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0271-01	WQ060413:1040NP2-10	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.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, 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.


YORK

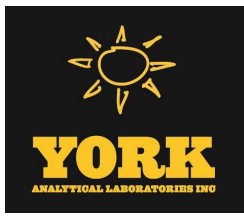
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

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.

Page 1 of 1
York Project No. 13F0270

YOUR Information Company: <u>LBG</u> Address: <u>4 Research Dr. Suite 301</u> <u>Shelton, CT 06484</u> Phone No. <u>263-929-8555</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 <u>Apwe Industries.</u> Purchase Order No. <u>NAB5AG.</u> Samples from: CT, NY, X, NJ <input checked="" 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 <u>X</u> pdf Summary w/ QA Summary <u>X</u> pdf CT RCP Package CT RCP DQADUE Pkg NY ASP A Package NY ASP B Package <u>NP2-100 only</u> pdf. NUDEP Red. Deliv. Electronic Data Deliverables (EDD)					
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 TICs 624 Site Spec STARS list Nassau Co. BTEX Suffolk Co. MTBE Ketones Oxygenates TCE list TAGM list CT RCP list TCLP list Aro. only 502.2 Holog. only NUDEP list App. IX list SFLP or TCLP 8021B list		Semit-Volatiles 8270 or 625 STARS list BN Only Acids Only PAH list TAGM list NUDEP list Total SFLP or TCLP TCLP Pest TCLP Herb Chloridane App. IX SFLP or TCLP BNA 608 Pest SFLP or TCLP 608 PCB		Metals RCRA8 PP13 list TAL CT15 list TAGM list NUDEP list Air TO14A Air TO15 Air STARS SFLP or TCLP Air VPH Air TICs Medicine LIST below		Full Lists Pri. Poll. TCL Opnats TAL-Metals Full TCLP Full App. IX Part 360 Metals Part 360 Pesticides Part 360 PCBs Part 360 BTU/b. Part 360 Aquatic Tox NYCLP NYCLP TOC NYSECC Adhesives TAPM Siltm.		Misc. Org. TPH GRO TPH DRO CT BPH NY 310-13 TPR 1664 Air TO14A Air TO15 Air STARS SFLP or TCLP Air VPH Air TICs Medicine LIST below		Misc. Commodity Reactivity Ignitability Flash Point Sieve Anal. Heterogeneity TOX BTU/b. Aquatic Tox TOC Adhesives Siltm.			
Samples Collected/Authorized By (Signature)  <u>STEPHEN HYATT</u> Name (printed)		Choose Analyses Needed from the Menu Above and Enter Below Fe by EPA 800.71 Fe, dissolved by EPA 8010 (SWP46-0108) / VOCs, 8260 list (EPA SWP45-8260b), plus Fe on H3 Fe by EPA 800.71 Fe, dissolved by EPA 8010 (SWP46-0108) / VOCs 8260 list (EPA SWP45-8260b), plus Fe on H3 / TDS (SH 2540c)													
Sample Identification WQ060413-1030NP2-6 WQ060413-1035NP2-7 WQ060413-1040NP2-10		Date Sampled 6/4/13 1030 1035 1040		Sample Matrix G-W G-W G-W		Preservation Check those Applicable Special Instructions Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>		4°C _____ Frozen _____ HCl _____ ZnAc _____ MeOH _____ Ascorbic Acid _____ Other _____ Samples Relinquished By: _____ Date/Time: 6/6/13 1304 Samples Relinquished By: _____ Date/Time: _____		HNO₃ _____ H₂SO₄ _____ NaOH _____ Samples Received By: _____ Date/Time: 6/6/13 1300 Samples Received in LAB by: _____ Date/Time: 6/6/13-1645		Container Description(s) 3V 25 3V 25 3V 30		Temperature on Receipt 4.2 °C	



Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 301

Shelton CT, 06484

Attention: Tunde Komuves-Sandor

Report Date: 06/20/2013

Client Project ID: Rowe Industries

York Project (SDG) No.: 13F0495

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 06/20/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13F0495

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 June 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>
13F0495-01	WQ061213:1800NP2-6	Water	06/12/2013	06/14/2013
13F0495-02	WQ061213:1805NP2-7	Water	06/12/2013	06/14/2013
13F0496-01	WQ061213:1810NP2-10	Water	06/12/2013	06/14/2013

General Notes for York Project (SDG) No.: 13F0495

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: 06/20/2013

YORK



Sample Information

Client Sample ID: WQ061213:1800NP2-6

York Sample ID: 13F0495-01

York Project (SDG) No.
13F0495

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
June 12, 2013 6:00 pm

Date Received
06/14/2013

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	06/18/2013 09:50	06/18/2013 15:37	SS
71-55-6	1,1,1-Trichloroethane	0.95		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	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	06/18/2013 09:50	06/18/2013 15:37	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
75-34-3	1,1-Dichloroethane	0.30	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
67-64-1	Acetone	1.4	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
75-25-2	Bromoform	0.35	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS



Sample Information

Client Sample ID: WQ061213:1800NP2-6

York Sample ID: 13F0495-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0495

Rowe Industries

Water

June 12, 2013 6:00 pm

06/14/2013

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	06/18/2013 09:50	06/18/2013 15:37	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
156-59-2	cis-1,2-Dichloroethylene	1.9		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
124-48-1	Dibromochloromethane	0.25	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
75-09-2	Methylene chloride	2.0		ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
127-18-4	Tetrachloroethylene	4.5		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
79-01-6	Trichloroethylene	0.68		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: WQ061213:1800NP2-6

York Sample ID: 13F0495-01

York Project (SDG) No. 13F0495 Client Project ID Rowe Industries Matrix Water Collection Date/Time June 12, 2013 6:00 pm Date Received 06/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Surrogate: 1,2-Dichloroethane-d4, Surrogate: p-Bromofluorobenzene, and Surrogate: Toluene-d8.

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes Iron with result 0.0233.

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes Iron with result 4.06.

Sample Information

Client Sample ID: WQ061213:1805NP2-7

York Sample ID: 13F0495-02

York Project (SDG) No. 13F0495 Client Project ID Rowe Industries Matrix Water Collection Date/Time June 12, 2013 6:05 pm Date Received 06/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include various chlorinated hydrocarbons like Tetrachloroethane, Trichloroethane, and Trichlorobenzene.



Sample Information

Client Sample ID: WQ061213:1805NP2-7

York Sample ID: 13F0495-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0495

Rowe Industries

Water

June 12, 2013 6:05 pm

06/14/2013

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
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
67-64-1	Acetone	2.5	B	ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS



Sample Information

Client Sample ID: WQ061213:1805NP2-7

York Sample ID: 13F0495-02

York Project (SDG) No.
13F0495

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
June 12, 2013 6:05 pm

Date Received
06/14/2013

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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
75-09-2	Methylene chloride	2.1		ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	125 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	93.3 %			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	0.0475		mg/L	0.0100	0.0200	1	EPA SW846-6010B	06/17/2013 12:41	06/17/2013 17:31	MW



Sample Information

Client Sample ID: WQ061213:1805NP2-7

York Sample ID: 13F0495-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0495

Rowe Industries

Water

June 12, 2013 6:05 pm

06/14/2013

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	2.49		mg/L	0.0100	0.0200	1	EPA 200.7	06/17/2013 12:46	06/17/2013 19:05	MW

Sample Information

Client Sample ID: WQ061213:1810NP2-10

York Sample ID: 13F0496-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0496

Rowe Industries

Water

June 12, 2013 6:10 pm

06/14/2013

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	06/18/2013 09:50	06/18/2013 16:59	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	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	06/18/2013 09:50	06/18/2013 16:59	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS



Sample Information

Client Sample ID: WQ061213:1810NP2-10

York Sample ID: 13F0496-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0496

Rowe Industries

Water

June 12, 2013 6:10 pm

06/14/2013

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	06/18/2013 09:50	06/18/2013 16:59	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
67-64-1	Acetone	15	B	ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
75-09-2	Methylene chloride	1.7	J	ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS



Sample Information

Client Sample ID: WQ061213:1810NP2-10

York Sample ID: 13F0496-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0496

Rowe Industries

Water

June 12, 2013 6:10 pm

06/14/2013

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	06/18/2013 09:50	06/18/2013 16:59	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	125 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	93.3 %			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	0.0749		mg/L	0.0100	0.0200	1	EPA SW846-6010B	06/17/2013 12:41	06/17/2013 17:36	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	8.95		mg/L	0.0100	0.0200	1	EPA 200.7	06/17/2013 12:46	06/17/2013 19:22	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	105		mg/L	1.00	1.00	1	SM 2540C	06/19/2013 13:39	06/19/2013 13:39	ALD



Analytical Batch Summary

Batch ID: BF30755

Preparation Method: EPA 3010A

Prepared By: MW

YORK Sample ID	Client Sample ID	Preparation Date
13F0495-01	WQ061213:1800NP2-6	06/17/13
13F0495-02	WQ061213:1805NP2-7	06/17/13
13F0496-01	WQ061213:1810NP2-10	06/17/13
BF30755-BLK1	Blank	06/17/13
BF30755-DUP1	Duplicate	06/17/13
BF30755-MS1	Matrix Spike	06/17/13
BF30755-SRM1	Reference	06/17/13

Batch ID: BF30756

Preparation Method: EPA 3010A

Prepared By: MW

YORK Sample ID	Client Sample ID	Preparation Date
13F0495-01	WQ061213:1800NP2-6	06/17/13
13F0495-02	WQ061213:1805NP2-7	06/17/13
13F0496-01	WQ061213:1810NP2-10	06/17/13
BF30756-BLK1	Blank	06/17/13
BF30756-DUP1	Duplicate	06/17/13
BF30756-MS1	Matrix Spike	06/17/13
BF30756-SRM1	Reference	06/17/13

Batch ID: BF30798

Preparation Method: EPA 5030B

Prepared By: EKM

YORK Sample ID	Client Sample ID	Preparation Date
13F0495-01	WQ061213:1800NP2-6	06/18/13
13F0495-02	WQ061213:1805NP2-7	06/18/13
13F0496-01	WQ061213:1810NP2-10	06/18/13
BF30798-BLK1	Blank	06/18/13
BF30798-BS1	LCS	06/18/13
BF30798-BSD1	LCS Dup	06/18/13

Batch ID: BF30881

Preparation Method: % Solids Prep

Prepared By: ALD

YORK Sample ID	Client Sample ID	Preparation Date
13F0496-01	WQ061213:1810NP2-10	06/19/13
BF30881-BLK1	Blank	06/19/13



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

York Analytical Laboratories, Inc.

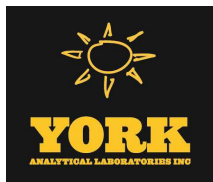
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF30798 - EPA 5030B

Blank (BF30798-BLK1)

Prepared & Analyzed: 06/18/2013

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	1.9	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 BF30798 - EPA 5030B

Blank (BF30798-BLK1)

Prepared & Analyzed: 06/18/2013

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>	10.2		"	10.0		102	72.6-129				
<i>Surrogate: p-Bromofluorobenzene</i>	12.8		"	10.0		128	63.5-145				
<i>Surrogate: Toluene-d8</i>	9.33		"	10.0		93.3	81.2-127				

LCS (BF30798-BS1)

Prepared & Analyzed: 06/18/2013

1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82.3-130				
1,1,1-Trichloroethane	12.1		"	10.0		121	75.6-137				
1,1,2,2-Tetrachloroethane	9.18		"	10.0		91.8	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.16		"	10.0		91.6	71.1-129				
1,1,2-Trichloroethane	8.72		"	10.0		87.2	74.5-129				
1,1-Dichloroethane	9.66		"	10.0		96.6	79.6-132				
1,1-Dichloroethylene	8.53		"	10.0		85.3	80.2-146				
1,1-Dichloropropylene	10.3		"	10.0		103	75-136				
1,2,3-Trichlorobenzene	9.95		"	10.0		99.5	66.1-136				
1,2,3-Trichloropropane	9.36		"	10.0		93.6	63-131				
1,2,4-Trichlorobenzene	10.3		"	10.0		103	70.6-136				
1,2,4-Trimethylbenzene	10.2		"	10.0		102	75.3-135				
1,2-Dibromo-3-chloropropane	12.2		"	10.0		122	58.9-140				
1,2-Dibromoethane	10.2		"	10.0		102	79-130				
1,2-Dichlorobenzene	9.99		"	10.0		99.9	76.1-122				
1,2-Dichloroethane	10.3		"	10.0		103	74.6-132				
1,2-Dichloropropane	9.06		"	10.0		90.6	76.9-129				
1,3,5-Trimethylbenzene	10.3		"	10.0		103	70.6-127				
1,3-Dichlorobenzene	10.8		"	10.0		108	77-124				
1,3-Dichloropropane	9.09		"	10.0		90.9	75.8-126				
1,4-Dichlorobenzene	10.2		"	10.0		102	76.6-125				
2,2-Dichloropropane	12.3		"	10.0		123	69-133				
2-Chlorotoluene	9.86		"	10.0		98.6	66.3-119				
2-Hexanone	7.88		"	10.0		78.8	70-130				
4-Chlorotoluene	9.95		"	10.0		99.5	69.2-127				
Acetone	6.92		"	10.0		69.2	70-130	Low Bias			
Benzene	10.6		"	10.0		106	76.2-129				
Bromobenzene	9.74		"	10.0		97.4	71.3-123				
Bromochloromethane	10.2		"	10.0		102	70.8-137				
Bromodichloromethane	10.1		"	10.0		101	79.7-134				
Bromoform	12.8		"	10.0		128	70.5-141				
Bromomethane	8.20		"	10.0		82.0	43.9-147				
Carbon tetrachloride	13.0		"	10.0		130	78.1-138				
Chlorobenzene	9.87		"	10.0		98.7	80.4-125				



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 BF30798 - EPA 5030B

LCS (BF30798-BS1)

Prepared & Analyzed: 06/18/2013

Chloroethane	8.92		ug/L	10.0		89.2	55.8-140						
Chloroform	10.9		"	10.0		109	76.6-133						
Chloromethane	8.58		"	10.0		85.8	48.8-115						
cis-1,2-Dichloroethylene	10.6		"	10.0		106	75.1-128						
cis-1,3-Dichloropropylene	10.4		"	10.0		104	74.5-128						
Dibromochloromethane	12.0		"	10.0		120	79.8-134						
Dibromomethane	9.10		"	10.0		91.0	79-130						
Dichlorodifluoromethane	11.2		"	10.0		112	47.1-101	High Bias					
Ethyl Benzene	10.2		"	10.0		102	80.8-128						
Hexachlorobutadiene	11.9		"	10.0		119	64.8-128						
Isopropylbenzene	10.8		"	10.0		108	75.5-135						
Methyl tert-butyl ether (MTBE)	8.89		"	10.0		88.9	65.1-140						
Methylene chloride	6.51		"	10.0		65.1	61.3-120						
Naphthalene	9.00		"	10.0		90.0	62.3-148						
n-Butylbenzene	9.09		"	10.0		90.9	67.2-123						
n-Propylbenzene	10.2		"	10.0		102	70.5-127						
o-Xylene	9.54		"	10.0		95.4	75.9-122						
p- & m- Xylenes	20.3		"	20.0		101	77.7-127						
p-Isopropyltoluene	10.9		"	10.0		109	75.6-129						
sec-Butylbenzene	10.6		"	10.0		106	71.5-125						
Styrene	9.99		"	10.0		99.9	77.8-123						
tert-Butylbenzene	10.9		"	10.0		109	75.9-151						
Tetrachloroethylene	11.0		"	10.0		110	63.6-167						
Toluene	9.59		"	10.0		95.9	77-123						
trans-1,2-Dichloroethylene	8.96		"	10.0		89.6	76.3-139						
trans-1,3-Dichloropropylene	10.1		"	10.0		101	72.5-137						
Trichloroethylene	10.1		"	10.0		101	77.9-130						
Trichlorofluoromethane	9.60		"	10.0		96.0	57.4-133						
Vinyl Chloride	8.83		"	10.0		88.3	54.9-124						
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.96</i>		<i>"</i>	<i>10.0</i>		<i>99.6</i>	<i>72.6-129</i>						
<i>Surrogate: p-Bromofluorobenzene</i>	<i>11.7</i>		<i>"</i>	<i>10.0</i>		<i>117</i>	<i>63.5-145</i>						
<i>Surrogate: Toluene-d8</i>	<i>9.59</i>		<i>"</i>	<i>10.0</i>		<i>95.9</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
Batch BF30798 - EPA 5030B											
LCS Dup (BF30798-BSD1)											
										Prepared & Analyzed: 06/18/2013	
1,1,1,2-Tetrachloroethane	11.4		ug/L	10.0		114	82.3-130		4.12	21.1	
1,1,1-Trichloroethane	12.5		"	10.0		125	75.6-137		3.33	19.7	
1,1,2,2-Tetrachloroethane	9.85		"	10.0		98.5	71.3-131		7.04	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.71		"	10.0		97.1	71.1-129		5.83	21.7	
1,1,2-Trichloroethane	9.21		"	10.0		92.1	74.5-129		5.47	20.3	
1,1-Dichloroethane	9.21		"	10.0		92.1	79.6-132		4.77	20.6	
1,1-Dichloroethylene	8.79		"	10.0		87.9	80.2-146		3.00	20	
1,1-Dichloropropylene	10.4		"	10.0		104	75-136		0.483	19.3	
1,2,3-Trichlorobenzene	11.9		"	10.0		119	66.1-136		17.5	21.6	
1,2,3-Trichloropropane	10.4		"	10.0		104	63-131		10.6	23.9	
1,2,4-Trichlorobenzene	11.5		"	10.0		115	70.6-136		11.2	21.7	
1,2,4-Trimethylbenzene	10.6		"	10.0		106	75.3-135		4.13	18.8	
1,2-Dibromo-3-chloropropane	9.74		"	10.0		97.4	58.9-140		22.1	27.7	
1,2-Dibromoethane	10.4		"	10.0		104	79-130		2.43	23	
1,2-Dichlorobenzene	10.7		"	10.0		107	76.1-122		7.05	19.8	
1,2-Dichloroethane	10.1		"	10.0		101	74.6-132		2.75	20.2	
1,2-Dichloropropane	9.24		"	10.0		92.4	76.9-129		1.97	20.7	
1,3,5-Trimethylbenzene	10.7		"	10.0		107	70.6-127		3.43	18.9	
1,3-Dichlorobenzene	11.3		"	10.0		113	77-124		5.08	19.2	
1,3-Dichloropropane	9.15		"	10.0		91.5	75.8-126		0.658	22.1	
1,4-Dichlorobenzene	11.0		"	10.0		110	76.6-125		7.67	18.6	
2,2-Dichloropropane	12.2		"	10.0		122	69-133		0.899	19.8	
2-Chlorotoluene	10.3		"	10.0		103	66.3-119		4.56	21.6	
2-Hexanone	8.55		"	10.0		85.5	70-130		8.16	30	
4-Chlorotoluene	10.5		"	10.0		105	69.2-127		5.28	19	
Acetone	7.01		"	10.0		70.1	70-130		1.29	30	
Benzene	10.7		"	10.0		107	76.2-129		0.564	19	
Bromobenzene	10.2		"	10.0		102	71.3-123		4.12	20.3	
Bromochloromethane	10.1		"	10.0		101	70.8-137		1.28	23.9	
Bromodichloromethane	10.2		"	10.0		102	79.7-134		0.982	21	
Bromoform	14.1		"	10.0		141	70.5-141		9.23	21.8	
Bromomethane	8.87		"	10.0		88.7	43.9-147		7.85	28.4	
Carbon tetrachloride	13.3		"	10.0		133	78.1-138		1.97	20.1	
Chlorobenzene	10.0		"	10.0		100	80.4-125		1.71	19.9	
Chloroethane	9.21		"	10.0		92.1	55.8-140		3.20	23.3	
Chloroform	10.8		"	10.0		108	76.6-133		0.552	20.3	
Chloromethane	9.17		"	10.0		91.7	48.8-115		6.65	24.5	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	75.1-128		1.33	20.5	
cis-1,3-Dichloropropylene	10.6		"	10.0		106	74.5-128		1.81	19.9	
Dibromochloromethane	11.9		"	10.0		119	79.8-134		0.586	21.3	
Dibromomethane	8.99		"	10.0		89.9	79-130		1.22	22.4	
Dichlorodifluoromethane	11.7		"	10.0		117	47.1-101	High Bias	4.29	23.9	
Ethyl Benzene	10.4		"	10.0		104	80.8-128		2.14	19.2	
Hexachlorobutadiene	13.2		"	10.0		132	64.8-128	High Bias	10.7	20.6	
Isopropylbenzene	11.2		"	10.0		112	75.5-135		3.36	20	
Methyl tert-butyl ether (MTBE)	8.28		"	10.0		82.8	65.1-140		7.11	23.6	
Methylene chloride	6.59		"	10.0		65.9	61.3-120		1.22	20.4	
Naphthalene	11.1		"	10.0		111	62.3-148		20.5	27.1	
n-Butylbenzene	9.75		"	10.0		97.5	67.2-123		7.01	19.1	
n-Propylbenzene	10.6		"	10.0		106	70.5-127		3.45	23.4	
o-Xylene	9.73		"	10.0		97.3	75.9-122		1.97	19.3	



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 BF30798 - EPA 5030B

LCS Dup (BF30798-BSD1)

Prepared & Analyzed: 06/18/2013

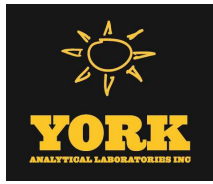
p- & m- Xylenes	20.6		ug/L	20.0		103	77.7-127		1.71	18.6	
p-Isopropyltoluene	11.4		"	10.0		114	75.6-129		4.94	19.1	
sec-Butylbenzene	11.2		"	10.0		112	71.5-125		5.31	18.9	
Styrene	10.4		"	10.0		104	77.8-123		4.50	20.9	
tert-Butylbenzene	11.4		"	10.0		114	75.9-151		4.50	20.9	
Tetrachloroethylene	11.3		"	10.0		113	63.6-167		2.42	27.7	
Toluene	9.74		"	10.0		97.4	77-123		1.55	18.7	
trans-1,2-Dichloroethylene	8.29		"	10.0		82.9	76.3-139		7.77	19.5	
trans-1,3-Dichloropropylene	10.3		"	10.0		103	72.5-137		1.76	19.3	
Trichloroethylene	10.4		"	10.0		104	77.9-130		2.74	20.5	
Trichlorofluoromethane	10.2		"	10.0		102	57.4-133		6.45	21.4	
Vinyl Chloride	9.36		"	10.0		93.6	54.9-124		5.83	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	9.52		"	10.0		95.2	72.6-129				
<i>Surrogate: p-Bromofluorobenzene</i>	11.8		"	10.0		118	63.5-145				
<i>Surrogate: Toluene-d8</i>	9.30		"	10.0		93.0	81.2-127				



Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Limit	Flag		
		Limit		Level	Result		Limits		Limit					
Batch BF30755 - EPA 3010A														
Blank (BF30755-BLK1)											Prepared & Analyzed: 06/17/2013			
Iron - Dissolved	ND	0.0200	mg/L											
Duplicate (BF30755-DUP1)											*Source sample: 13F0496-01 (WQ061213:1810NP2-10)		Prepared & Analyzed: 06/17/2013	
Iron - Dissolved	0.103	0.0200	mg/L		0.0749					31.3	20	Non-dir.		
Matrix Spike (BF30755-MS1)											*Source sample: 13F0496-01 (WQ061213:1810NP2-10)		Prepared & Analyzed: 06/17/2013	
Iron - Dissolved	1.14	0.0200	mg/L	1.00	0.0749	106	75-125							
Reference (BF30755-SRM1)											Prepared & Analyzed: 06/17/2013			
Iron - Dissolved	1.39	0.0200	mg/L	1.39		100	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 BF30756 - EPA 3010A											
Blank (BF30756-BLK1)								Prepared & Analyzed: 06/17/2013			
Iron	ND	0.0200	mg/L								
Duplicate (BF30756-DUP1)								*Source sample: 13F0496-01 (WQ061213:1810NP2-10) Prepared & Analyzed: 06/17/2013			
Iron	9.04	0.0200	mg/L		8.95				0.996	20	
Matrix Spike (BF30756-MS1)								*Source sample: 13F0496-01 (WQ061213:1810NP2-10) Prepared & Analyzed: 06/17/2013			
Iron	9.96	0.0200	mg/L	1.00	8.95	101	75-125				
Reference (BF30756-SRM1)								Prepared & Analyzed: 06/17/2013			
Iron	1.36	0.0200	mg/L	1.39		97.9	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
Batch BF30881 - % Solids Prep											
Blank (BF30881-BLK1)										Prepared & Analyzed: 06/19/2013	
Total Dissolved Solids	ND	1.00	mg/L								



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13F0495-01	WQ061213:1800NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0495-02	WQ061213:1805NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0496-01	WQ061213:1810NP2-10	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.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, 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.

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. 13F0495

YOUR Information Company: <u>LB6</u> Address: <u>Elizabeth Dr Suite 341</u> <u>Sheridan, CT 06484</u> Phone No. <u>203-929-8555</u> Contact Person: <u>Tonde Sandoz</u> E-Mail Address: <u>Tsandoz@lb6ct.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>Apove 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 <input checked="" type="checkbox"/> <u>pdf</u> Summary w/QA summary <input checked="" type="checkbox"/> <u>pdf</u> CT RCP Package _____ CT RCP DQ/DUE Pkg. _____ NY ASP A Package _____ NY ASP B Package <u>NP2-10-0417</u> <u>pdf</u> NUDEP Red. Deliv. _____ Electronic Data Deliverables (EDD) _____ Simple Excel <input checked="" type="checkbox"/> X NYSDEC EQULS _____ EQULS (std) _____ EZ-EDD (EQULS) _____ NUDEP SRP HazSite EDD _____ GIS/KEY (std) _____ Other _____ York Regulatory Comparison _____ Excel Spreadsheet _____ Compare to the following Regs. (Please 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		Volatiles 8260 Hill 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list		Semi-Vols 8270 or 625 STARS list IBN Only Acids Only PAH list TAGM list CT RCP list TCL list Arom. only Halog. only App. IX list 8021B list		Permeant RCRA8 PF13 list TAL CT RCP App. IX TAGM list NDEP list CT RCP list TCL list Arom. only Halog. only App. IX list 8021B list		Metals TPH GRO TPH DRO CT EIPH NY 310-13 TPH 1664 A4-T014A A4-T015 A4-STAR5 A4-VPH A4-TICS Methylene Halobn		Misc Org Full Poll. TCL Organs TAL-Metals Full TCLP Full App. IX Part 360-Route Part 360-Base Part 360-Sub Part 360-Other NYDEC Sewer TOC NYDEC Sewer TAGM		Misc Corrosivity Reactivity Ignitability Flash Point Stev/Amtl Hexamethyls TOX BTU/Wh Aquatic Tox TOC Siten	
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Sample Identification WQ061213: 1800NF2-6 WQ061213: 1805NF2-7 WQ061213: 1810NF2-10		Date Sampled 6/12/13 1800 1805 1810		Sample Matrix G-W G-W G-W		Choose Analyses Needed from the Menu Above and Enter Below Fe by EPA 800.7 Fe, Dissolved by EPA 8010 (SW-846-00108) / VOCs 8260 List (EPA SW-845-8260b) plus Fecon 13 Fe by EPA 800.7 Fe, Dissolved by EPA 8010 (SW-846-00108) / VOCs 8260 List (EPA SW-845-8260b) plus Fecon 13 / TOC (SH 2540c)		Container Description(s) 3V 2P 3V 2P 3V 3P		Temperature on Receipt 4.1 °C	
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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. 13F0496

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>Tonde 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 Metals: <u>RCRA8</u> PP15 list TAL CT15 list TAGM list NIDEP list Air TO14A Air TO15 Dissolved SLP Per TCLP Air VPH Inher. Metals LIST Below Methane Halogen		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 CT RCP DQ/DUE Pkg NY ASP A Package NY ASP B Package <u>NR2-10 only</u> , pdf NIDEP Red. Deliv. Electronic Data Deliverables (EDD)	
Report To: Company: _____ Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		YOUR Project ID Metals: _____ PP15 list TAL CT15 list TAGM list NIDEP list Air TO14A Air TO15 Dissolved SLP Per TCLP Air VPH Inher. Metals LIST Below Methane Halogen		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 CT RCP DQ/DUE Pkg NY ASP A Package NY ASP B Package <u>NR2-10 only</u> , pdf NIDEP Red. Deliv. Electronic Data Deliverables (EDD)					

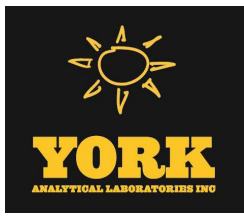
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Matrix Codes:
 S - soil
 Other - specify (oil, etc.)
 WW - wastewater
 GW - groundwater
 DW - drinking water
 Air-A - ambient air
 Air-SV - soil vapor

Samples Collected/Authorized By (Signature):

 Name (printed): STEPHEN HVAT

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WR061213: 1800NP2-6	6/12/13 1800	GW	Fe by EPA 200.7/Fe, Dissolved by EPA 6010 (SW 846-0108) / VOCs, P260 List (EPA SW 845-8260b), plus from 113	3V 2P
WR061213: 1805NP2-7	6/12/13 1805	GW	Fe by EPA 200.7/Fe, Dissolved by EPA 6010 (SW 846-0108) / VOCs, P260 List (EPA SW 845-8260b), plus from 113 / TDS (SH 2540 C)	3V 2P
WR061213: 1810NP2-10	6/12/13 1810	GW		3V 3P

Comments Preservation <input type="checkbox"/> (Check those applicable) Special Instructions Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>	4°C _____ Frozen _____ HCl _____ MeOH _____ HNO ₃ _____ H ₂ O ₂ _____ NaOH _____ ZnAc _____ Ascorbic Acid _____ Other _____	Temperature on Receipt: <u>4.1</u> °C
	Samples Relinquished By: <u>[Signature]</u> Date/Time: <u>6/13/13</u> Samples Received By: <u>[Signature]</u> Date/Time: <u>6/13/13</u>	Samples Relinquished By: _____ Date/Time: _____ Samples Received in LAB by: _____ Date/Time: _____



Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 301

Shelton CT, 06484

Attention: Tunde Komuves-Sandor

Report Date: 06/21/2013

Client Project ID: Rowe Industries

York Project (SDG) No.: 13F0575

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 06/21/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13F0575

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 June 18, 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>
13F0575-01	WQ061713:1210NP2-6	Water	06/17/2013	06/18/2013
13F0575-02	WQ061713:1215NP2-7	Water	06/17/2013	06/18/2013
13F0578-01	WQ061713:1220NP2-10	Water	06/17/2013	06/18/2013

General Notes for York Project (SDG) No.: 13F0575

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: 06/21/2013

YORK



Sample Information

Client Sample ID: WQ061713:1210NP2-6

York Sample ID: 13F0575-01

York Project (SDG) No.
13F0575

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
June 17, 2013 12:10 pm

Date Received
06/18/2013

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	06/19/2013 12:40	06/20/2013 07:30	SS
71-55-6	1,1,1-Trichloroethane	0.99		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	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	06/19/2013 12:40	06/20/2013 07:30	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
75-34-3	1,1-Dichloroethane	0.25	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS



Sample Information

Client Sample ID: WQ061713:1210NP2-6

York Sample ID: 13F0575-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0575

Rowe Industries

Water

June 17, 2013 12:10 pm

06/18/2013

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	06/19/2013 12:40	06/20/2013 07:30	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
156-59-2	cis-1,2-Dichloroethylene	0.87		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
127-18-4	Tetrachloroethylene	7.0		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
79-01-6	Trichloroethylene	0.35	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS



Sample Information

Client Sample ID: WQ061713:1210NP2-6

York Sample ID: 13F0575-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0575

Rowe Industries

Water

June 17, 2013 12:10 pm

06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for Surrogate Recoveries (17060-07-0, 460-00-4, 2037-26-5).

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

Table with columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes row for Iron (7439-89-6).

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

Table with columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes row for Iron (7439-89-6).

Sample Information

Client Sample ID: WQ061713:1215NP2-7

York Sample ID: 13F0575-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0575

Rowe Industries

Water

June 17, 2013 12:15 pm

06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for various volatile organics (630-20-6 to 95-63-6).



Sample Information

Client Sample ID: WQ061713:1215NP2-7

York Sample ID: 13F0575-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0575

Rowe Industries

Water

June 17, 2013 12:15 pm

06/18/2013

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	06/19/2013 12:40	06/20/2013 08:11	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS



Sample Information

Client Sample ID: WQ061713:1215NP2-7

York Sample ID: 13F0575-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0575

Rowe Industries

Water

June 17, 2013 12:15 pm

06/18/2013

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	06/19/2013 12:40	06/20/2013 08:11	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	121 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	93.4 %			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	0.102		mg/L	0.0100	0.0200	1	EPA SW846-6010B	06/19/2013 15:09	06/19/2013 17:27	MW



Sample Information

Client Sample ID: WQ061713:1215NP2-7

York Sample ID: 13F0575-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0575

Rowe Industries

Water

June 17, 2013 12:15 pm

06/18/2013

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	0.917		mg/L	0.0100	0.0200	1	EPA 200.7	06/19/2013 15:10	06/19/2013 18:21	MW

Sample Information

Client Sample ID: WQ061713:1220NP2-10

York Sample ID: 13F0578-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0578

Rowe Industries

Water

June 17, 2013 12:20 pm

06/18/2013

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	06/20/2013 09:10	06/20/2013 18:40	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	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	06/20/2013 09:10	06/20/2013 18:40	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS



Sample Information

Client Sample ID: WQ061713:1220NP2-10

York Sample ID: 13F0578-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0578

Rowe Industries

Water

June 17, 2013 12:20 pm

06/18/2013

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	06/20/2013 09:10	06/20/2013 18:40	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS



Sample Information

Client Sample ID: WQ061713:1220NP2-10

York Sample ID: 13F0578-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0578

Rowe Industries

Water

June 17, 2013 12:20 pm

06/18/2013

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	06/20/2013 09:10	06/20/2013 18:40	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
	Surrogate Recoveries	Result									
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %									
460-00-4	Surrogate: p-Bromofluorobenzene	124 %									
2037-26-5	Surrogate: Toluene-d8	93.8 %									

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	0.0878		mg/L	0.0100	0.0200	1	EPA SW846-6010B	06/19/2013 15:09	06/19/2013 17:32	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	1.01		mg/L	0.0100	0.0200	1	EPA 200.7	06/19/2013 15:10	06/19/2013 18:26	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	119		mg/L	1.00	1.00	1	SM 2540C	06/19/2013 13:39	06/19/2013 13:39	ALD



Analytical Batch Summary

Batch ID: BF30881 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
13F0578-01	WQ061713:1220NP2-10	06/19/13
BF30881-BLK1	Blank	06/19/13
BF30881-DUP1	Duplicate	06/19/13

Batch ID: BF30889 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13F0575-01	WQ061713:1210NP2-6	06/19/13
13F0575-02	WQ061713:1215NP2-7	06/19/13
BF30889-BLK1	Blank	06/19/13
BF30889-BS1	LCS	06/19/13
BF30889-BSD1	LCS Dup	06/19/13

Batch ID: BF30891 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13F0575-01	WQ061713:1210NP2-6	06/19/13
13F0575-02	WQ061713:1215NP2-7	06/19/13
13F0578-01	WQ061713:1220NP2-10	06/19/13
BF30891-BLK1	Blank	06/19/13
BF30891-DUP1	Duplicate	06/19/13
BF30891-MS1	Matrix Spike	06/19/13
BF30891-SRM1	Reference	06/19/13

Batch ID: BF30892 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13F0575-01	WQ061713:1210NP2-6	06/19/13
13F0575-02	WQ061713:1215NP2-7	06/19/13
13F0578-01	WQ061713:1220NP2-10	06/19/13
BF30892-BLK1	Blank	06/19/13
BF30892-DUP1	Duplicate	06/19/13
BF30892-MS1	Matrix Spike	06/19/13
BF30892-SRM1	Reference	06/19/13

Batch ID: BF30918 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13F0578-01	WQ061713:1220NP2-10	06/20/13
BF30918-BLK1	Blank	06/20/13
BF30918-BS1	LCS	06/20/13
BF30918-BSD1	LCS Dup	06/20/13



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

York Analytical Laboratories, Inc.

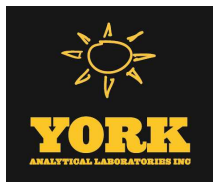
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF30889 - EPA 5030B

Blank (BF30889-BLK1)

Prepared: 06/19/2013 Analyzed: 06/20/2013

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	0.23	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	1.1	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 BF30889 - EPA 5030B

Blank (BF30889-BLK1)

Prepared: 06/19/2013 Analyzed: 06/20/2013

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>	10.2		"	10.0		102	72.6-129				
<i>Surrogate: p-Bromofluorobenzene</i>	12.2		"	10.0		122	63.5-145				
<i>Surrogate: Toluene-d8</i>	9.47		"	10.0		94.7	81.2-127				

LCS (BF30889-BS1)

Prepared & Analyzed: 06/19/2013

1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82.3-130				
1,1,1-Trichloroethane	11.8		"	10.0		118	75.6-137				
1,1,2,2-Tetrachloroethane	9.21		"	10.0		92.1	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.94		"	10.0		89.4	71.1-129				
1,1,2-Trichloroethane	8.54		"	10.0		85.4	74.5-129				
1,1-Dichloroethane	8.93		"	10.0		89.3	79.6-132				
1,1-Dichloroethylene	8.27		"	10.0		82.7	80.2-146				
1,1-Dichloropropylene	10.1		"	10.0		101	75-136				
1,2,3-Trichlorobenzene	11.0		"	10.0		110	66.1-136				
1,2,3-Trichloropropane	9.53		"	10.0		95.3	63-131				
1,2,4-Trichlorobenzene	10.8		"	10.0		108	70.6-136				
1,2,4-Trimethylbenzene	9.32		"	10.0		93.2	75.3-135				
1,2-Dibromo-3-chloropropane	8.91		"	10.0		89.1	58.9-140				
1,2-Dibromoethane	9.84		"	10.0		98.4	79-130				
1,2-Dichlorobenzene	9.80		"	10.0		98.0	76.1-122				
1,2-Dichloroethane	9.85		"	10.0		98.5	74.6-132				
1,2-Dichloropropane	8.95		"	10.0		89.5	76.9-129				
1,3,5-Trimethylbenzene	9.16		"	10.0		91.6	70.6-127				
1,3-Dichlorobenzene	10.3		"	10.0		103	77-124				
1,3-Dichloropropane	8.97		"	10.0		89.7	75.8-126				
1,4-Dichlorobenzene	10.0		"	10.0		100	76.6-125				
2,2-Dichloropropane	10.1		"	10.0		101	69-133				
2-Chlorotoluene	9.42		"	10.0		94.2	66.3-119				
2-Hexanone	9.05		"	10.0		90.5	70-130				
4-Chlorotoluene	9.10		"	10.0		91.0	69.2-127				
Acetone	6.94		"	10.0		69.4	70-130	Low Bias			
Benzene	10.6		"	10.0		106	76.2-129				
Bromobenzene	9.61		"	10.0		96.1	71.3-123				
Bromochloromethane	9.71		"	10.0		97.1	70.8-137				
Bromodichloromethane	10.0		"	10.0		100	79.7-134				
Bromoform	12.6		"	10.0		126	70.5-141				
Bromomethane	8.27		"	10.0		82.7	43.9-147				
Carbon tetrachloride	12.5		"	10.0		125	78.1-138				
Chlorobenzene	9.71		"	10.0		97.1	80.4-125				



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	Result

Batch BF30889 - EPA 5030B

LCS (BF30889-BS1)

Prepared & Analyzed: 06/19/2013

Chloroethane	8.87		ug/L	10.0		88.7	55.8-140				
Chloroform	10.5		"	10.0		105	76.6-133				
Chloromethane	9.44		"	10.0		94.4	48.8-115				
cis-1,2-Dichloroethylene	10.3		"	10.0		103	75.1-128				
cis-1,3-Dichloropropylene	10.3		"	10.0		103	74.5-128				
Dibromochloromethane	11.7		"	10.0		117	79.8-134				
Dibromomethane	8.91		"	10.0		89.1	79-130				
Dichlorodifluoromethane	12.5		"	10.0		125	47.1-101	High Bias			
Ethyl Benzene	9.80		"	10.0		98.0	80.8-128				
Hexachlorobutadiene	12.3		"	10.0		123	64.8-128				
Isopropylbenzene	10.3		"	10.0		103	75.5-135				
Methyl tert-butyl ether (MTBE)	8.70		"	10.0		87.0	65.1-140				
Methylene chloride	6.24		"	10.0		62.4	61.3-120				
Naphthalene	10.6		"	10.0		106	62.3-148				
n-Butylbenzene	9.00		"	10.0		90.0	67.2-123				
n-Propylbenzene	9.67		"	10.0		96.7	70.5-127				
o-Xylene	9.20		"	10.0		92.0	75.9-122				
p- & m- Xylenes	19.5		"	20.0		97.3	77.7-127				
p-Isopropyltoluene	10.5		"	10.0		105	75.6-129				
sec-Butylbenzene	9.69		"	10.0		96.9	71.5-125				
Styrene	9.79		"	10.0		97.9	77.8-123				
tert-Butylbenzene	10.1		"	10.0		101	75.9-151				
Tetrachloroethylene	10.7		"	10.0		107	63.6-167				
Toluene	9.47		"	10.0		94.7	77-123				
trans-1,2-Dichloroethylene	8.10		"	10.0		81.0	76.3-139				
trans-1,3-Dichloropropylene	9.96		"	10.0		99.6	72.5-137				
Trichloroethylene	10.0		"	10.0		100	77.9-130				
Trichlorofluoromethane	9.96		"	10.0		99.6	57.4-133				
Vinyl Chloride	9.13		"	10.0		91.3	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	9.90		"	10.0		99.0	72.6-129				
Surrogate: p-Bromofluorobenzene	11.4		"	10.0		114	63.5-145				
Surrogate: Toluene-d8	9.40		"	10.0		94.0	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
Batch BF30889 - EPA 5030B											
LCS Dup (BF30889-BSD1)											
Prepared & Analyzed: 06/19/2013											
1,1,1,2-Tetrachloroethane	11.2		ug/L	10.0		112	82.3-130		2.44	21.1	
1,1,1-Trichloroethane	11.6		"	10.0		116	75.6-137		2.14	19.7	
1,1,2,2-Tetrachloroethane	9.44		"	10.0		94.4	71.3-131		2.47	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.03		"	10.0		90.3	71.1-129		1.00	21.7	
1,1,2-Trichloroethane	9.19		"	10.0		91.9	74.5-129		7.33	20.3	
1,1-Dichloroethane	8.79		"	10.0		87.9	79.6-132		1.58	20.6	
1,1-Dichloroethylene	8.10		"	10.0		81.0	80.2-146		2.08	20	
1,1-Dichloropropylene	9.82		"	10.0		98.2	75-136		2.71	19.3	
1,2,3-Trichlorobenzene	11.1		"	10.0		111	66.1-136		0.811	21.6	
1,2,3-Trichloropropane	9.71		"	10.0		97.1	63-131		1.87	23.9	
1,2,4-Trichlorobenzene	10.9		"	10.0		109	70.6-136		0.832	21.7	
1,2,4-Trimethylbenzene	9.32		"	10.0		93.2	75.3-135		0.00	18.8	
1,2-Dibromo-3-chloropropane	13.0		"	10.0		130	58.9-140		37.6	27.7	Non-dir.
1,2-Dibromoethane	10.8		"	10.0		108	79-130		9.39	23	
1,2-Dichlorobenzene	9.65		"	10.0		96.5	76.1-122		1.54	19.8	
1,2-Dichloroethane	10.1		"	10.0		101	74.6-132		2.70	20.2	
1,2-Dichloropropane	9.11		"	10.0		91.1	76.9-129		1.77	20.7	
1,3,5-Trimethylbenzene	9.22		"	10.0		92.2	70.6-127		0.653	18.9	
1,3-Dichlorobenzene	10.0		"	10.0		100	77-124		2.65	19.2	
1,3-Dichloropropane	9.53		"	10.0		95.3	75.8-126		6.05	22.1	
1,4-Dichlorobenzene	9.89		"	10.0		98.9	76.6-125		1.21	18.6	
2,2-Dichloropropane	9.66		"	10.0		96.6	69-133		4.55	19.8	
2-Chlorotoluene	8.99		"	10.0		89.9	66.3-119		4.67	21.6	
2-Hexanone	9.98		"	10.0		99.8	70-130		9.77	30	
4-Chlorotoluene	9.14		"	10.0		91.4	69.2-127		0.439	19	
Acetone	7.13		"	10.0		71.3	70-130		2.70	30	
Benzene	10.4		"	10.0		104	76.2-129		1.53	19	
Bromobenzene	9.22		"	10.0		92.2	71.3-123		4.14	20.3	
Bromochloromethane	9.87		"	10.0		98.7	70.8-137		1.63	23.9	
Bromodichloromethane	10.1		"	10.0		101	79.7-134		0.794	21	
Bromoform	13.3		"	10.0		133	70.5-141		5.63	21.8	
Bromomethane	8.38		"	10.0		83.8	43.9-147		1.32	28.4	
Carbon tetrachloride	12.4		"	10.0		124	78.1-138		0.884	20.1	
Chlorobenzene	9.63		"	10.0		96.3	80.4-125		0.827	19.9	
Chloroethane	8.84		"	10.0		88.4	55.8-140		0.339	23.3	
Chloroform	10.6		"	10.0		106	76.6-133		1.05	20.3	
Chloromethane	9.04		"	10.0		90.4	48.8-115		4.33	24.5	
cis-1,2-Dichloroethylene	10.1		"	10.0		101	75.1-128		2.16	20.5	
cis-1,3-Dichloropropylene	10.4		"	10.0		104	74.5-128		0.772	19.9	
Dibromochloromethane	12.3		"	10.0		123	79.8-134		4.93	21.3	
Dibromomethane	9.30		"	10.0		93.0	79-130		4.28	22.4	
Dichlorodifluoromethane	12.1		"	10.0		121	47.1-101	High Bias	3.17	23.9	
Ethyl Benzene	9.82		"	10.0		98.2	80.8-128		0.204	19.2	
Hexachlorobutadiene	11.2		"	10.0		112	64.8-128		8.92	20.6	
Isopropylbenzene	9.74		"	10.0		97.4	75.5-135		5.49	20	
Methyl tert-butyl ether (MTBE)	9.42		"	10.0		94.2	65.1-140		7.95	23.6	
Methylene chloride	6.31		"	10.0		63.1	61.3-120		1.12	20.4	
Naphthalene	10.9		"	10.0		109	62.3-148		3.07	27.1	
n-Butylbenzene	8.56		"	10.0		85.6	67.2-123		5.01	19.1	
n-Propylbenzene	9.19		"	10.0		91.9	70.5-127		5.09	23.4	
o-Xylene	9.20		"	10.0		92.0	75.9-122		0.00	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	RPD	Limit	Flag
		Limit			Result					Limit			

Batch BF30889 - EPA 5030B

LCS Dup (BF30889-BSD1)

Prepared & Analyzed: 06/19/2013

p- & m- Xylenes	19.3		ug/L	20.0		96.6	77.7-127			0.722	18.6	
p-Isopropyltoluene	9.93		"	10.0		99.3	75.6-129			5.20	19.1	
sec-Butylbenzene	9.67		"	10.0		96.7	71.5-125			0.207	18.9	
Styrene	9.90		"	10.0		99.0	77.8-123			1.12	20.9	
tert-Butylbenzene	10.1		"	10.0		101	75.9-151			0.495	20.9	
Tetrachloroethylene	10.6		"	10.0		106	63.6-167			0.936	27.7	
Toluene	9.24		"	10.0		92.4	77-123			2.46	18.7	
trans-1,2-Dichloroethylene	7.87		"	10.0		78.7	76.3-139			2.88	19.5	
trans-1,3-Dichloropropylene	10.5		"	10.0		105	72.5-137			5.18	19.3	
Trichloroethylene	9.92		"	10.0		99.2	77.9-130			1.30	20.5	
Trichlorofluoromethane	9.55		"	10.0		95.5	57.4-133			4.20	21.4	
Vinyl Chloride	8.76		"	10.0		87.6	54.9-124			4.14	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>72.6-129</i>					
<i>Surrogate: p-Bromofluorobenzene</i>	<i>11.2</i>		<i>"</i>	<i>10.0</i>		<i>112</i>	<i>63.5-145</i>					
<i>Surrogate: Toluene-d8</i>	<i>9.41</i>		<i>"</i>	<i>10.0</i>		<i>94.1</i>	<i>81.2-127</i>					

Batch BF30918 - EPA 5030B

Blank (BF30918-BLK1)

Prepared & Analyzed: 06/20/2013

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 BF30918 - EPA 5030B

Blank (BF30918-BLK1)

Prepared & Analyzed: 06/20/2013

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	"								
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Surrogate: 1,2-Dichloroethane-d4	10.3		"	10.0		103	72.6-129				
Surrogate: p-Bromofluorobenzene	12.4		"	10.0		124	63.5-145				
Surrogate: Toluene-d8	9.32		"	10.0		93.2	81.2-127				



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 BF30918 - EPA 5030B

LCS (BF30918-BS1)

Prepared & Analyzed: 06/20/2013

1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82.3-130				
1,1,1-Trichloroethane	11.3		"	10.0		113	75.6-137				
1,1,2,2-Tetrachloroethane	9.36		"	10.0		93.6	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.35		"	10.0		83.5	71.1-129				
1,1,2-Trichloroethane	9.38		"	10.0		93.8	74.5-129				
1,1-Dichloroethane	9.24		"	10.0		92.4	79.6-132				
1,1-Dichloroethylene	7.57		"	10.0		75.7	80.2-146	Low Bias			
1,1-Dichloropropylene	9.79		"	10.0		97.9	75-136				
1,2,3-Trichlorobenzene	10.9		"	10.0		109	66.1-136				
1,2,3-Trichloropropane	9.64		"	10.0		96.4	63-131				
1,2,4-Trichlorobenzene	10.8		"	10.0		108	70.6-136				
1,2,4-Trimethylbenzene	9.17		"	10.0		91.7	75.3-135				
1,2-Dibromo-3-chloropropane	12.8		"	10.0		128	58.9-140				
1,2-Dibromoethane	10.6		"	10.0		106	79-130				
1,2-Dichlorobenzene	9.44		"	10.0		94.4	76.1-122				
1,2-Dichloroethane	9.78		"	10.0		97.8	74.6-132				
1,2-Dichloropropane	9.09		"	10.0		90.9	76.9-129				
1,3,5-Trimethylbenzene	9.19		"	10.0		91.9	70.6-127				
1,3-Dichlorobenzene	9.92		"	10.0		99.2	77-124				
1,3-Dichloropropane	9.36		"	10.0		93.6	75.8-126				
1,4-Dichlorobenzene	9.71		"	10.0		97.1	76.6-125				
2,2-Dichloropropane	10.9		"	10.0		109	69-133				
2-Chlorotoluene	8.84		"	10.0		88.4	66.3-119				
2-Hexanone	10.1		"	10.0		101	70-130				
4-Chlorotoluene	9.07		"	10.0		90.7	69.2-127				
Acetone	7.16		"	10.0		71.6	70-130				
Benzene	10.3		"	10.0		103	76.2-129				
Bromobenzene	9.16		"	10.0		91.6	71.3-123				
Bromochloromethane	10.2		"	10.0		102	70.8-137				
Bromodichloromethane	10.1		"	10.0		101	79.7-134				
Bromoform	12.6		"	10.0		126	70.5-141				
Bromomethane	7.09		"	10.0		70.9	43.9-147				
Carbon tetrachloride	11.9		"	10.0		119	78.1-138				
Chlorobenzene	9.75		"	10.0		97.5	80.4-125				
Chloroethane	7.96		"	10.0		79.6	55.8-140				
Chloroform	10.4		"	10.0		104	76.6-133				
Chloromethane	7.75		"	10.0		77.5	48.8-115				
cis-1,2-Dichloroethylene	10.3		"	10.0		103	75.1-128				
cis-1,3-Dichloropropylene	10.6		"	10.0		106	74.5-128				
Dibromochloromethane	12.1		"	10.0		121	79.8-134				
Dibromomethane	9.58		"	10.0		95.8	79-130				
Dichlorodifluoromethane	8.19		"	10.0		81.9	47.1-101				
Ethyl Benzene	9.79		"	10.0		97.9	80.8-128				
Hexachlorobutadiene	11.1		"	10.0		111	64.8-128				
Isopropylbenzene	9.56		"	10.0		95.6	75.5-135				
Methyl tert-butyl ether (MTBE)	9.77		"	10.0		97.7	65.1-140				
Methylene chloride	6.07		"	10.0		60.7	61.3-120	Low Bias			
Naphthalene	10.8		"	10.0		108	62.3-148				
n-Butylbenzene	8.57		"	10.0		85.7	67.2-123				
n-Propylbenzene	9.12		"	10.0		91.2	70.5-127				
o-Xylene	9.21		"	10.0		92.1	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 BF30918 - EPA 5030B

LCS (BF30918-BS1)

Prepared & Analyzed: 06/20/2013

p- & m- Xylenes	19.5		ug/L	20.0		97.4	77.7-127				
p-Isopropyltoluene	9.82		"	10.0		98.2	75.6-129				
sec-Butylbenzene	9.54		"	10.0		95.4	71.5-125				
Styrene	9.85		"	10.0		98.5	77.8-123				
tert-Butylbenzene	9.85		"	10.0		98.5	75.9-151				
Tetrachloroethylene	10.5		"	10.0		105	63.6-167				
Toluene	9.30		"	10.0		93.0	77-123				
trans-1,2-Dichloroethylene	8.11		"	10.0		81.1	76.3-139				
trans-1,3-Dichloropropylene	10.6		"	10.0		106	72.5-137				
Trichloroethylene	9.92		"	10.0		99.2	77.9-130				
Trichlorofluoromethane	8.64		"	10.0		86.4	57.4-133				
Vinyl Chloride	7.64		"	10.0		76.4	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	10.3		"	10.0		103	72.6-129				
Surrogate: p-Bromofluorobenzene	10.8		"	10.0		108	63.5-145				
Surrogate: Toluene-d8	9.26		"	10.0		92.6	81.2-127				

LCS Dup (BF30918-BSD1)

Prepared & Analyzed: 06/20/2013

1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82.3-130		3.26	21.1	
1,1,1-Trichloroethane	11.5		"	10.0		115	75.6-137		2.46	19.7	
1,1,2,2-Tetrachloroethane	8.91		"	10.0		89.1	71.3-131		4.93	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.49		"	10.0		84.9	71.1-129		1.66	21.7	
1,1,2-Trichloroethane	8.86		"	10.0		88.6	74.5-129		5.70	20.3	
1,1-Dichloroethane	8.77		"	10.0		87.7	79.6-132		5.22	20.6	
1,1-Dichloroethylene	7.63		"	10.0		76.3	80.2-146	Low Bias	0.789	20	
1,1-Dichloropropylene	9.79		"	10.0		97.9	75-136		0.00	19.3	
1,2,3-Trichlorobenzene	10.7		"	10.0		107	66.1-136		1.94	21.6	
1,2,3-Trichloropropane	9.24		"	10.0		92.4	63-131		4.24	23.9	
1,2,4-Trichlorobenzene	10.8		"	10.0		108	70.6-136		0.186	21.7	
1,2,4-Trimethylbenzene	9.64		"	10.0		96.4	75.3-135		5.00	18.8	
1,2-Dibromo-3-chloropropane	11.8		"	10.0		118	58.9-140		8.45	27.7	
1,2-Dibromoethane	10.1		"	10.0		101	79-130		5.40	23	
1,2-Dichlorobenzene	9.56		"	10.0		95.6	76.1-122		1.26	19.8	
1,2-Dichloroethane	9.62		"	10.0		96.2	74.6-132		1.65	20.2	
1,2-Dichloropropane	8.80		"	10.0		88.0	76.9-129		3.24	20.7	
1,3,5-Trimethylbenzene	9.48		"	10.0		94.8	70.6-127		3.11	18.9	
1,3-Dichlorobenzene	10.2		"	10.0		102	77-124		2.88	19.2	
1,3-Dichloropropane	8.95		"	10.0		89.5	75.8-126		4.48	22.1	
1,4-Dichlorobenzene	9.77		"	10.0		97.7	76.6-125		0.616	18.6	
2,2-Dichloropropane	11.0		"	10.0		110	69-133		1.46	19.8	
2-Chlorotoluene	9.24		"	10.0		92.4	66.3-119		4.42	21.6	
2-Hexanone	9.08		"	10.0		90.8	70-130		10.3	30	
4-Chlorotoluene	9.48		"	10.0		94.8	69.2-127		4.42	19	
Acetone	6.71		"	10.0		67.1	70-130	Low Bias	6.49	30	
Benzene	10.3		"	10.0		103	76.2-129		0.388	19	
Bromobenzene	9.31		"	10.0		93.1	71.3-123		1.62	20.3	
Bromochloromethane	9.75		"	10.0		97.5	70.8-137		4.71	23.9	
Bromodichloromethane	9.87		"	10.0		98.7	79.7-134		2.11	21	
Bromoform	12.1		"	10.0		121	70.5-141		3.97	21.8	
Bromomethane	7.42		"	10.0		74.2	43.9-147		4.55	28.4	
Carbon tetrachloride	12.1		"	10.0		121	78.1-138		1.33	20.1	
Chlorobenzene	9.58		"	10.0		95.8	80.4-125		1.76	19.9	
Chloroethane	8.10		"	10.0		81.0	55.8-140		1.74	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 BF30918 - EPA 5030B

LCS Dup (BF30918-BSD1)

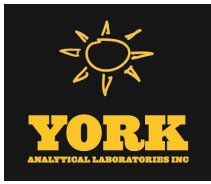
Prepared & Analyzed: 06/20/2013

Chloroform	10.2		ug/L	10.0		102	76.6-133		1.16	20.3	
Chloromethane	7.75		"	10.0		77.5	48.8-115		0.00	24.5	
cis-1,2-Dichloroethylene	10.1		"	10.0		101	75.1-128		1.67	20.5	
cis-1,3-Dichloropropylene	10.3		"	10.0		103	74.5-128		3.64	19.9	
Dibromochloromethane	11.4		"	10.0		114	79.8-134		6.14	21.3	
Dibromomethane	8.94		"	10.0		89.4	79-130		6.91	22.4	
Dichlorodifluoromethane	8.25		"	10.0		82.5	47.1-101		0.730	23.9	
Ethyl Benzene	9.81		"	10.0		98.1	80.8-128		0.204	19.2	
Hexachlorobutadiene	11.9		"	10.0		119	64.8-128		7.04	20.6	
Isopropylbenzene	10.1		"	10.0		101	75.5-135		5.10	20	
Methyl tert-butyl ether (MTBE)	8.90		"	10.0		89.0	65.1-140		9.32	23.6	
Methylene chloride	5.91		"	10.0		59.1	61.3-120	Low Bias	2.67	20.4	
Naphthalene	9.92		"	10.0		99.2	62.3-148		8.12	27.1	
n-Butylbenzene	8.94		"	10.0		89.4	67.2-123		4.23	19.1	
n-Propylbenzene	9.53		"	10.0		95.3	70.5-127		4.40	23.4	
o-Xylene	9.19		"	10.0		91.9	75.9-122		0.217	19.3	
p- & m- Xylenes	19.5		"	20.0		97.6	77.7-127		0.256	18.6	
p-Isopropyltoluene	10.2		"	10.0		102	75.6-129		3.89	19.1	
sec-Butylbenzene	10.1		"	10.0		101	71.5-125		5.70	18.9	
Styrene	9.70		"	10.0		97.0	77.8-123		1.53	20.9	
tert-Butylbenzene	10.2		"	10.0		102	75.9-151		3.98	20.9	
Tetrachloroethylene	10.6		"	10.0		106	63.6-167		0.475	27.7	
Toluene	9.30		"	10.0		93.0	77-123		0.00	18.7	
trans-1,2-Dichloroethylene	8.23		"	10.0		82.3	76.3-139		1.47	19.5	
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137		4.43	19.3	
Trichloroethylene	9.71		"	10.0		97.1	77.9-130		2.14	20.5	
Trichlorofluoromethane	8.62		"	10.0		86.2	57.4-133		0.232	21.4	
Vinyl Chloride	7.86		"	10.0		78.6	54.9-124		2.84	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	9.73		"	10.0		97.3	72.6-129				
<i>Surrogate: p-Bromofluorobenzene</i>	11.3		"	10.0		113	63.5-145				
<i>Surrogate: Toluene-d8</i>	9.34		"	10.0		93.4	81.2-127				



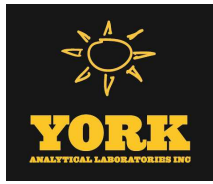
Metals by EPA 6000 Series Methods - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Limit	Flag
		Limit		Level	Result		Limits		Limit			
Batch BF30891 - EPA 3010A												
Blank (BF30891-BLK1)										Prepared & Analyzed: 06/19/2013		
Iron - Dissolved	ND	0.0200	mg/L									
Duplicate (BF30891-DUP1)										*Source sample: 13F0578-01 (WQ061713:1220NP2-10)		
										Prepared & Analyzed: 06/19/2013		
Iron - Dissolved	0.0838	0.0200	mg/L		0.0878					4.63	20	
Matrix Spike (BF30891-MS1)										*Source sample: 13F0578-01 (WQ061713:1220NP2-10)		
										Prepared & Analyzed: 06/19/2013		
Iron - Dissolved	1.16	0.0200	mg/L	1.00	0.0878	108	75-125					
Reference (BF30891-SRM1)										Prepared & Analyzed: 06/19/2013		
Iron - Dissolved	1.37	0.0200	mg/L	1.39		98.8	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 BF30892 - EPA 3010A											
Blank (BF30892-BLK1)								Prepared & Analyzed: 06/19/2013			
Iron	ND	0.0200	mg/L								
Duplicate (BF30892-DUP1)								*Source sample: 13F0578-01 (WQ061713:1220NP2-10) Prepared & Analyzed: 06/19/2013			
Iron	0.974	0.0200	mg/L		1.01				3.94	20	
Matrix Spike (BF30892-MS1)								*Source sample: 13F0578-01 (WQ061713:1220NP2-10) Prepared & Analyzed: 06/19/2013			
Iron	2.05	0.0200	mg/L	1.00	1.01	104	75-125				
Reference (BF30892-SRM1)								Prepared & Analyzed: 06/19/2013			
Iron	1.37	0.0200	mg/L	1.39		98.9	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 BF30881 - % Solids Prep

Blank (BF30881-BLK1)

Prepared & Analyzed: 06/19/2013

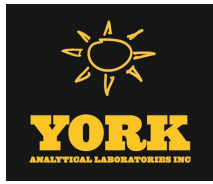
Total Dissolved Solids ND 1.00 mg/L

Duplicate (BF30881-DUP1)

*Source sample: 13F0578-01 (WQ061713:1220NP2-10)

Prepared & Analyzed: 06/19/2013

Total Dissolved Solids 119 1.00 mg/L 119 0.00 15



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13F0575-01	WQ061713:1210NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0575-02	WQ061713:1215NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0578-01	WQ061713:1220NP2-10	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.
- 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.
- J Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, 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. 13F0575

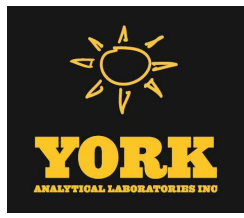
YOUR Information Company: <u>L.B.C.</u> Address: <u>4 Research Dr. Suite 341 Shelton, CT 06484</u> Phone No. <u>203-989-8555</u> Contact Person: <u>Tunde Sander</u> E-Mail Address: <u>T.Sander@lbcct.com</u>		Report To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		Invoice To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		YOUR Project ID <u>Apwe Industries.</u> Purchase Order No. <u>HAB5AG.</u> Samples from: CT <u>NY</u> X NJ _____	
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 DQADUJE Pkg _____ NY ASP A Package _____ NY ASP B Package <u>NY-10 only</u> pdf NIDEP Red. Deliv. _____ Electronic Data Delivered (EDD) _____					

Volatiles 8760 full TICs Site Spec STARS list Nassau Co. Suffolk Co. BTX MTBE Ketones Oxygens TAGM list TCLP list Arom. only 524.2 502.2 Halog. only NIDEP list App. IX SFL/TCLP TCLP BNA 608 PCB SFL/TCLP	Semi-Vols. Perchlorate 8770 r 625 3082 PCB 808 Pest 815 Herb CT RCP App. IX TAGM list NIDEP list CT RCP list SFL/TCLP TCLP list NIDEP list App. IX SFL/TCLP TCLP BNA SFL/TCLP	Metals RCRA8 PP13 list TAL CT15 list TAGM list NIDEP list Air TO15 Air TO15 Disolved SFL/TCLP Air VPH Infr. Metals Air TICs LIST below Methane Ethanol	Misc Org TPH GRO TPH DRO CT EPHI NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS SFL/TCLP Air TICs Methane Ethanol	Yell Lists Pri. Poll. TCL Opres TAL MeCN Full TCLP Full App. IX Pri 309 Metals Pri 309 Metals TOX Pri 309 Metals BTU Pb. Pri 309 Metals Aqueous Tox NY 309 Metals TOC NY 309 Metals Adhesives Silica TAGM	Misc Conductivity Reactivity Ignitability Flash Point Sieve Anal. Hexonephils TOX BTU Pb. Aqueous Tox TOC Adhesives Silica
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Choose Analyses Needed from the Menu Above and Enter Below

Sample Identification	Date Sampled	Sample Matrix	Container	Descriptions
WR061713-1210-NR2-6	6/17/13 1210	GW	3x 20	
WR061713-1215-NR2-7	1215	GW	3x 20	
WR061713-1220-NR2-10	1220	GW	3x 30	

4°C _____ Frozen _____ H ₂ O _____ HNO ₃ _____ H ₂ SO ₄ _____ Other _____	Samples Relinquished By <u>Natalie Vero</u> Date/Time <u>6/18/13 12:30</u> Samples Received By <u>Trace G-18-13</u> Date/Time <u>1:50</u>	Temperature on Receipt <u>3.4°C</u>
Preservation Check those applicable Special Instructions Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>	Samples Relinquished By _____ Date/Time _____ Samples Received In Lab by _____ Date/Time _____	Temperature on Receipt <u>3.4°C</u>



Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 301

Shelton CT, 06484

Attention: Tunde Komuves-Sandor

Report Date: 07/01/2013

Client Project ID: Rowe Industries

York Project (SDG) No.: 13F0941

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 07/01/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13F0941

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 June 27, 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>
13F0941-01	WQ062513:1030NP2-6	Water	06/25/2013	06/27/2013
13F0941-02	WQ062513:1035NP2-7	Water	06/25/2013	06/27/2013
13F0943-01	WQ062513:1040NP2-10	Water	06/25/2013	06/27/2013

General Notes for York Project (SDG) No.: 13F0941

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.

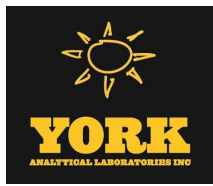
Approved By:



Benjamin Gulizia
Laboratory Director

Date: 07/01/2013

YORK



Sample Information

Client Sample ID: WQ062513:1030NP2-6

York Sample ID: 13F0941-01

York Project (SDG) No.
13F0941

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
June 25, 2013 10:30 am

Date Received
06/27/2013

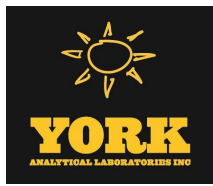
Volatile Organics, 8260 List - Low Level

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	06/30/2013 13:10	06/30/2013 22:35	BK
71-55-6	1,1,1-Trichloroethane	0.82		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK



Sample Information

Client Sample ID: WQ062513:1030NP2-6

York Sample ID: 13F0941-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0941

Rowe Industries

Water

June 25, 2013 10:30 am

06/27/2013

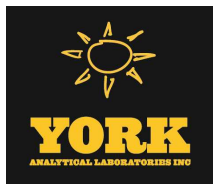
Volatile Organics, 8260 List - Low Level

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	06/30/2013 13:10	06/30/2013 22:35	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
156-59-2	cis-1,2-Dichloroethylene	0.22	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
127-18-4	Tetrachloroethylene	3.3		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
79-01-6	Trichloroethylene	0.22	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK



Sample Information

Client Sample ID: WQ062513:1030NP2-6

York Sample ID: 13F0941-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0941

Rowe Industries

Water

June 25, 2013 10:30 am

06/27/2013

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	98.8 %			72.6	129					
460-00-4	Surrogate: p-Bromofluorobenzene	122 %			63.5	145					
2037-26-5	Surrogate: Toluene-d8	106 %			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	0.0100	0.0200	1	EPA SW846-6010B	06/28/2013 16:12	06/28/2013 18:35	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	6.78		mg/L	0.0100	0.0200	1	EPA 200.7	06/28/2013 16:15	06/28/2013 19:38	MW

Sample Information

Client Sample ID: WQ062513:1035NP2-7

York Sample ID: 13F0941-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0941

Rowe Industries

Water

June 25, 2013 10:35 am

06/27/2013

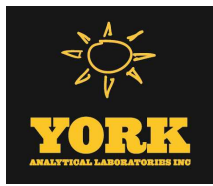
Volatile Organics, 8260 List - Low Level

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	06/30/2013 13:10	06/30/2013 23:10	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK



Sample Information

Client Sample ID: WQ062513:1035NP2-7

York Sample ID: 13F0941-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0941

Rowe Industries

Water

June 25, 2013 10:35 am

06/27/2013

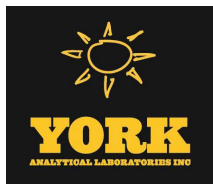
Volatile Organics, 8260 List - Low Level

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	06/30/2013 13:10	06/30/2013 23:10	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK



Sample Information

Client Sample ID: WQ062513:1035NP2-7

York Sample ID: 13F0941-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0941

Rowe Industries

Water

June 25, 2013 10:35 am

06/27/2013

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	06/30/2013 13:10	06/30/2013 23:10	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	118 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								

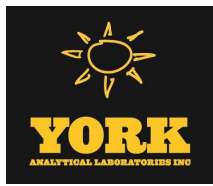
Iron, Dissolved by EPA 6010

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	0.0100	0.0200	1	EPA SW846-6010B	06/28/2013 16:12	06/28/2013 18:40	MW



Sample Information

Client Sample ID: WQ062513:1035NP2-7

York Sample ID: 13F0941-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0941

Rowe Industries

Water

June 25, 2013 10:35 am

06/27/2013

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-89-6, Iron, 6.86, mg/L, 0.0100, 0.0200, 1, EPA 200.7, 06/28/2013 16:15, 06/28/2013 19:43, MW

Sample Information

Client Sample ID: WQ062513:1040NP2-10

York Sample ID: 13F0943-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0943

Rowe Industries

Water

June 25, 2013 10:40 am

06/27/2013

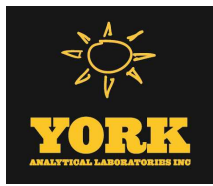
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Multiple rows listing various organic compounds and their results.



Sample Information

Client Sample ID: WQ062513:1040NP2-10

York Sample ID: 13F0943-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0943

Rowe Industries

Water

June 25, 2013 10:40 am

06/27/2013

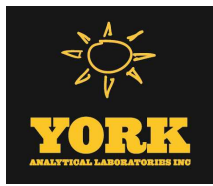
Volatile Organics, 8260 List - Low Level

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	06/30/2013 13:10	06/30/2013 23:46	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
75-25-2	Bromoform	0.87		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
124-48-1	Dibromochloromethane	0.60		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK



Sample Information

Client Sample ID: WQ062513:1040NP2-10

York Sample ID: 13F0943-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0943

Rowe Industries

Water

June 25, 2013 10:40 am

06/27/2013

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	06/30/2013 13:10	06/30/2013 23:46	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	94.5 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	123 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	104 %			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	0.0100	0.0200	1	EPA SW846-6010B	06/28/2013 16:12	06/28/2013 18:45	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	8.15		mg/L	0.0100	0.0200	1	EPA 200.7	06/28/2013 16:15	06/28/2013 19:48	MW

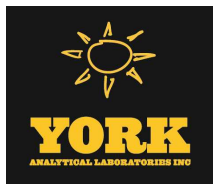
Total Dissolved Solids

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	126		mg/L	2.00	2.00	1	SM 2540C	06/27/2013 22:32	06/28/2013 07:14	ALD



Analytical Batch Summary

Batch ID: BF31386 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
13F0943-01	WQ062513:1040NP2-10	06/27/13
BF31386-BLK1	Blank	06/27/13
BF31386-DUP1	Duplicate	06/27/13

Batch ID: BF31446 **Preparation Method:** EPA 3010A **Prepared By:** MW

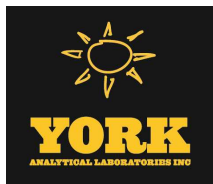
YORK Sample ID	Client Sample ID	Preparation Date
13F0941-01	WQ062513:1030NP2-6	06/28/13
13F0941-02	WQ062513:1035NP2-7	06/28/13
13F0943-01	WQ062513:1040NP2-10	06/28/13
BF31446-BLK1	Blank	06/28/13
BF31446-DUP1	Duplicate	06/28/13
BF31446-MS1	Matrix Spike	06/28/13
BF31446-SRM1	Reference	06/28/13

Batch ID: BF31447 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13F0941-01	WQ062513:1030NP2-6	06/28/13
13F0941-02	WQ062513:1035NP2-7	06/28/13
13F0943-01	WQ062513:1040NP2-10	06/28/13
BF31447-BLK1	Blank	06/28/13
BF31447-DUP1	Duplicate	06/28/13
BF31447-MS1	Matrix Spike	06/28/13
BF31447-SRM1	Reference	06/28/13

Batch ID: BF31590 **Preparation Method:** EPA 5030B **Prepared By:** KH

YORK Sample ID	Client Sample ID	Preparation Date
13F0941-01	WQ062513:1030NP2-6	06/30/13
13F0941-02	WQ062513:1035NP2-7	06/30/13
13F0943-01	WQ062513:1040NP2-10	06/30/13
BF31590-BLK1	Blank	06/30/13
BF31590-BS1	LCS	06/30/13
BF31590-BSD1	LCS Dup	06/30/13



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

York Analytical Laboratories, Inc.

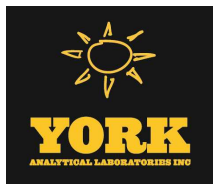
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF31590 - EPA 5030B

Blank (BF31590-BLK1)

Prepared & Analyzed: 06/30/2013

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	0.26	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	1.3	2.0	"								
Naphthalene	1.4	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 BF31590 - EPA 5030B

Blank (BF31590-BLK1)

Prepared & Analyzed: 06/30/2013

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	"								

Surrogate: 1,2-Dichloroethane-d4

10.4

"

10.0

104

72.6-129

Surrogate: p-Bromofluorobenzene

12.1

"

10.0

121

63.5-145

Surrogate: Toluene-d8

10.0

"

10.0

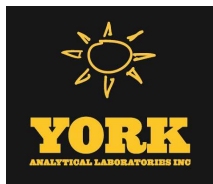
100

81.2-127

LCS (BF31590-BS1)

Prepared & Analyzed: 06/30/2013

1,1,1,2-Tetrachloroethane	9.40		ug/L	10.0		94.0	82.3-130				
1,1,1-Trichloroethane	11.0		"	10.0		110	75.6-137				
1,1,2,2-Tetrachloroethane	8.72		"	10.0		87.2	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6		"	10.0		116	71.1-129				
1,1,2-Trichloroethane	8.03		"	10.0		80.3	74.5-129				
1,1-Dichloroethane	11.1		"	10.0		111	79.6-132				
1,1-Dichloroethylene	10.4		"	10.0		104	80.2-146				
1,1-Dichloropropylene	11.2		"	10.0		112	75-136				
1,2,3-Trichlorobenzene	9.62		"	10.0		96.2	66.1-136				
1,2,3-Trichloropropane	9.47		"	10.0		94.7	63-131				
1,2,4-Trichlorobenzene	10.3		"	10.0		103	70.6-136				
1,2,4-Trimethylbenzene	10.4		"	10.0		104	75.3-135				
1,2-Dibromo-3-chloropropane	9.57		"	10.0		95.7	58.9-140				
1,2-Dibromoethane	8.53		"	10.0		85.3	79-130				
1,2-Dichlorobenzene	9.48		"	10.0		94.8	76.1-122				
1,2-Dichloroethane	10.0		"	10.0		100	74.6-132				
1,2-Dichloropropane	9.54		"	10.0		95.4	76.9-129				
1,3,5-Trimethylbenzene	9.65		"	10.0		96.5	70.6-127				
1,3-Dichlorobenzene	9.81		"	10.0		98.1	77-124				
1,3-Dichloropropane	8.25		"	10.0		82.5	75.8-126				
1,4-Dichlorobenzene	9.78		"	10.0		97.8	76.6-125				
2,2-Dichloropropane	12.2		"	10.0		122	69-133				
2-Chlorotoluene	9.70		"	10.0		97.0	66.3-119				
2-Hexanone	7.70		"	10.0		77.0	70-130				
4-Chlorotoluene	9.80		"	10.0		98.0	69.2-127				
Acetone	8.21		"	10.0		82.1	70-130				
Benzene	11.0		"	10.0		110	76.2-129				
Bromobenzene	9.40		"	10.0		94.0	71.3-123				
Bromochloromethane	11.2		"	10.0		112	70.8-137				
Bromodichloromethane	9.12		"	10.0		91.2	79.7-134				
Bromoform	8.12		"	10.0		81.2	70.5-141				
Bromomethane	10.7		"	10.0		107	43.9-147				
Carbon tetrachloride	11.2		"	10.0		112	78.1-138				
Chlorobenzene	9.25		"	10.0		92.5	80.4-125				



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

York Analytical Laboratories, Inc.

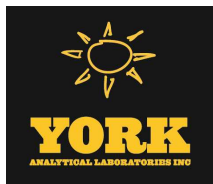
Analyte	Result	Reporting	Units	Spike Level	Source*	%REC	%REC Limits	Flag	RPD	RPD	Flag
		Limit			Result					Limit	

Batch BF31590 - EPA 5030B

LCS (BF31590-BS1)

Prepared & Analyzed: 06/30/2013

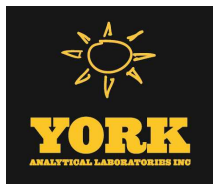
Chloroethane	10.8		ug/L	10.0		108	55.8-140				
Chloroform	10.8		"	10.0		108	76.6-133				
Chloromethane	9.52		"	10.0		95.2	48.8-115				
cis-1,2-Dichloroethylene	10.3		"	10.0		103	75.1-128				
cis-1,3-Dichloropropylene	9.49		"	10.0		94.9	74.5-128				
Dibromochloromethane	8.59		"	10.0		85.9	79.8-134				
Dibromomethane	8.55		"	10.0		85.5	79-130				
Dichlorodifluoromethane	6.58		"	10.0		65.8	47.1-101				
Ethyl Benzene	10.2		"	10.0		102	80.8-128				
Hexachlorobutadiene	11.7		"	10.0		117	64.8-128				
Isopropylbenzene	10.3		"	10.0		103	75.5-135				
Methyl tert-butyl ether (MTBE)	9.80		"	10.0		98.0	65.1-140				
Methylene chloride	12.2		"	10.0		122	61.3-120	High Bias			
Naphthalene	9.64		"	10.0		96.4	62.3-148				
n-Butylbenzene	11.2		"	10.0		112	67.2-123				
n-Propylbenzene	10.5		"	10.0		105	70.5-127				
o-Xylene	9.44		"	10.0		94.4	75.9-122				
p- & m- Xylenes	20.6		"	20.0		103	77.7-127				
p-Isopropyltoluene	11.1		"	10.0		111	75.6-129				
sec-Butylbenzene	10.9		"	10.0		109	71.5-125				
Styrene	4.16		"	10.0		41.6	77.8-123	Low Bias			
tert-Butylbenzene	10.6		"	10.0		106	75.9-151				
Tetrachloroethylene	9.58		"	10.0		95.8	63.6-167				
Toluene	9.61		"	10.0		96.1	77-123				
trans-1,2-Dichloroethylene	10.9		"	10.0		109	76.3-139				
trans-1,3-Dichloropropylene	8.95		"	10.0		89.5	72.5-137				
Trichloroethylene	9.97		"	10.0		99.7	77.9-130				
Trichlorofluoromethane	11.1		"	10.0		111	57.4-133				
Vinyl Chloride	9.54		"	10.0		95.4	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	10.3		"	10.0		103	72.6-129				
Surrogate: p-Bromofluorobenzene	9.94		"	10.0		99.4	63.5-145				
Surrogate: Toluene-d8	10.0		"	10.0		100	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
Batch BF31590 - EPA 5030B											
LCS Dup (BF31590-BSD1)											
Prepared & Analyzed: 06/30/2013											
1,1,1,2-Tetrachloroethane	9.77		ug/L	10.0		97.7	82.3-130		3.86	21.1	
1,1,1-Trichloroethane	11.3		"	10.0		113	75.6-137		2.42	19.7	
1,1,2,2-Tetrachloroethane	9.34		"	10.0		93.4	71.3-131		6.87	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6		"	10.0		116	71.1-129		0.00	21.7	
1,1,2-Trichloroethane	9.39		"	10.0		93.9	74.5-129		15.6	20.3	
1,1-Dichloroethane	11.3		"	10.0		113	79.6-132		1.52	20.6	
1,1-Dichloroethylene	10.4		"	10.0		104	80.2-146		0.673	20	
1,1-Dichloropropylene	11.3		"	10.0		113	75-136		0.981	19.3	
1,2,3-Trichlorobenzene	10.1		"	10.0		101	66.1-136		4.47	21.6	
1,2,3-Trichloropropane	9.88		"	10.0		98.8	63-131		4.24	23.9	
1,2,4-Trichlorobenzene	10.5		"	10.0		105	70.6-136		2.30	21.7	
1,2,4-Trimethylbenzene	8.88		"	10.0		88.8	75.3-135		15.7	18.8	
1,2-Dibromo-3-chloropropane	11.6		"	10.0		116	58.9-140		19.0	27.7	
1,2-Dibromoethane	10.0		"	10.0		100	79-130		15.9	23	
1,2-Dichlorobenzene	9.87		"	10.0		98.7	76.1-122		4.03	19.8	
1,2-Dichloroethane	11.0		"	10.0		110	74.6-132		9.24	20.2	
1,2-Dichloropropane	9.60		"	10.0		96.0	76.9-129		0.627	20.7	
1,3,5-Trimethylbenzene	8.98		"	10.0		89.8	70.6-127		7.19	18.9	
1,3-Dichlorobenzene	9.29		"	10.0		92.9	77-124		5.45	19.2	
1,3-Dichloropropane	9.28		"	10.0		92.8	75.8-126		11.8	22.1	
1,4-Dichlorobenzene	9.46		"	10.0		94.6	76.6-125		3.33	18.6	
2,2-Dichloropropane	12.0		"	10.0		120	69-133		2.23	19.8	
2-Chlorotoluene	9.27		"	10.0		92.7	66.3-119		4.53	21.6	
2-Hexanone	9.85		"	10.0		98.5	70-130		24.5	30	
4-Chlorotoluene	8.89		"	10.0		88.9	69.2-127		9.74	19	
Acetone	9.37		"	10.0		93.7	70-130		13.2	30	
Benzene	11.4		"	10.0		114	76.2-129		3.58	19	
Bromobenzene	9.37		"	10.0		93.7	71.3-123		0.320	20.3	
Bromochloromethane	12.1		"	10.0		121	70.8-137		7.28	23.9	
Bromodichloromethane	9.81		"	10.0		98.1	79.7-134		7.29	21	
Bromoform	9.37		"	10.0		93.7	70.5-141		14.3	21.8	
Bromomethane	10.2		"	10.0		102	43.9-147		5.36	28.4	
Carbon tetrachloride	11.4		"	10.0		114	78.1-138		2.04	20.1	
Chlorobenzene	9.67		"	10.0		96.7	80.4-125		4.44	19.9	
Chloroethane	10.9		"	10.0		109	55.8-140		1.20	23.3	
Chloroform	11.2		"	10.0		112	76.6-133		4.46	20.3	
Chloromethane	9.62		"	10.0		96.2	48.8-115		1.04	24.5	
cis-1,2-Dichloroethylene	10.9		"	10.0		109	75.1-128		5.56	20.5	
cis-1,3-Dichloropropylene	10.5		"	10.0		105	74.5-128		10.2	19.9	
Dibromochloromethane	9.74		"	10.0		97.4	79.8-134		12.5	21.3	
Dibromomethane	9.66		"	10.0		96.6	79-130		12.2	22.4	
Dichlorodifluoromethane	6.49		"	10.0		64.9	47.1-101		1.38	23.9	
Ethyl Benzene	10.7		"	10.0		107	80.8-128		4.69	19.2	
Hexachlorobutadiene	11.0		"	10.0		110	64.8-128		5.90	20.6	
Isopropylbenzene	9.72		"	10.0		97.2	75.5-135		5.50	20	
Methyl tert-butyl ether (MTBE)	11.2		"	10.0		112	65.1-140		13.0	23.6	
Methylene chloride	12.4		"	10.0		124	61.3-120	High Bias	1.39	20.4	
Naphthalene	10.6		"	10.0		106	62.3-148		9.67	27.1	
n-Butylbenzene	10.6		"	10.0		106	67.2-123		4.95	19.1	
n-Propylbenzene	9.86		"	10.0		98.6	70.5-127		6.10	23.4	
o-Xylene	9.85		"	10.0		98.5	75.9-122		4.25	19.3	



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 BF31590 - EPA 5030B

LCS Dup (BF31590-BSD1)

Prepared & Analyzed: 06/30/2013

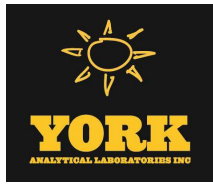
p- & m- Xylenes	20.8		ug/L	20.0		104	77.7-127		0.677	18.6	
p-Isopropyltoluene	10.1		"	10.0		101	75.6-129		9.17	19.1	
sec-Butylbenzene	10.3		"	10.0		103	71.5-125		6.23	18.9	
Styrene	1.41		"	10.0		14.1	77.8-123	Low Bias	98.7	20.9	Non-dir.
tert-Butylbenzene	10.4		"	10.0		104	75.9-151		1.71	20.9	
Tetrachloroethylene	9.85		"	10.0		98.5	63.6-167		2.78	27.7	
Toluene	10.0		"	10.0		100	77-123		4.28	18.7	
trans-1,2-Dichloroethylene	11.3		"	10.0		113	76.3-139		3.41	19.5	
trans-1,3-Dichloropropylene	9.75		"	10.0		97.5	72.5-137		8.56	19.3	
Trichloroethylene	10.3		"	10.0		103	77.9-130		3.06	20.5	
Trichlorofluoromethane	10.9		"	10.0		109	57.4-133		1.45	21.4	
Vinyl Chloride	9.64		"	10.0		96.4	54.9-124		1.04	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.9</i>		<i>"</i>	<i>10.0</i>		<i>109</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.17</i>		<i>"</i>	<i>10.0</i>		<i>91.7</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>81.2-127</i>				



Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

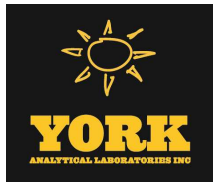
Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Limit	Flag		
		Limit		Level	Result		Limits		Limit					
Batch BF31446 - EPA 3010A														
Blank (BF31446-BLK1)											Prepared & Analyzed: 06/28/2013			
Iron - Dissolved	ND	0.0200	mg/L											
Duplicate (BF31446-DUP1)											*Source sample: 13F0943-01 (WQ062513:1040NP2-10)		Prepared & Analyzed: 06/28/2013	
Iron - Dissolved	0.0265	0.0200	mg/L		0.0164					46.8	20	Non-dir.		
Matrix Spike (BF31446-MS1)											*Source sample: 13F0943-01 (WQ062513:1040NP2-10)		Prepared & Analyzed: 06/28/2013	
Iron - Dissolved	1.06	0.0200	mg/L	1.00	0.0164	105	75-125							
Reference (BF31446-SRM1)											Prepared & Analyzed: 06/28/2013			
Iron - Dissolved	1.38	0.0200	mg/L	1.39		99.2	88.4-113							



Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

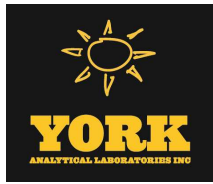
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF31447 - EPA 3010A											
Blank (BF31447-BLK1)								Prepared & Analyzed: 06/28/2013			
Iron	ND	0.0200	mg/L								
Duplicate (BF31447-DUP1)								*Source sample: 13F0943-01 (WQ062513:1040NP2-10) Prepared & Analyzed: 06/28/2013			
Iron	8.11	0.0200	mg/L		8.15				0.475	20	
Matrix Spike (BF31447-MS1)								*Source sample: 13F0943-01 (WQ062513:1040NP2-10) Prepared & Analyzed: 06/28/2013			
Iron	9.21	0.0200	mg/L	1.00	8.15	106	75-125				
Reference (BF31447-SRM1)								Prepared & Analyzed: 06/28/2013			
Iron	1.35	0.0200	mg/L	1.39		97.3	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
Batch BF31386 - % Solids Prep											
Blank (BF31386-BLK1)											
						Prepared: 06/27/2013 Analyzed: 06/28/2013					
Total Dissolved Solids	ND	2.00	mg/L								
Duplicate (BF31386-DUP1)											
						*Source sample: 13F0943-01 (WQ062513:1040NP2-10)					
						Prepared: 06/27/2013 Analyzed: 06/28/2013					
Total Dissolved Solids	126	2.00	mg/L		126				0.00	15	



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13F0941-01	WQ062513:1030NP2-6	250mL Plastic Cool to 4° C
13F0941-02	WQ062513:1035NP2-7	250mL Plastic Cool to 4° C
13F0943-01	WQ062513:1040NP2-10	250mL Plastic 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); therefore, 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.

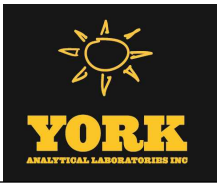
If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For 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.



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. 137094

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 Metals: _____ Misc. Org: _____ Purchase Order No. <u>NAB5A6</u> Samples from: CT ___ NY ___ X NJ ___		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"/> <u>pdf</u> Summary w/ QA Summary <input checked="" type="checkbox"/> <u>pdf</u> CT RCP Package CTRCP DOA/DUE Pkg NY ASP A Package NY ASP B Package <u>NR2 TO ONLY</u> NIDEP Red. Deliv. <u>pdf</u> Electronic Data Deliverables (EDD)	
---	--	---	--	--	--	---	--	--	--	---	--

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): [Signature]
 Name (printed): STEPHEN HUNT

Matrix Codes	Volatiles	Semi-Volatiles	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	B260 full 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list	8270 or 625 STARS list BN Only Acids Only PAH list TAGM list CT RCP list TCLP list NUDEP list App. IX SFLP or TCLP	RGRAB PP13 list TAL CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS SFLP or TCLP Air VPH Air TICs LIST Below Methane Helium	TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS SFLP or TCLP Air VPH Air TICs LIST Below Methane Helium	FT. Poll. TCL Ograns TAL MetCN Full TCLP Full App. IX Pat. 301/302 Pat. 360/361 Pat. 360/362 Pat. 360/363 NYCEP/PCW NYSEDC/Secw TAGM	Concrecity Reactivity Ignitability Flash Point Sieve Anal. Hexenonpils 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)	Temperature on Receipt
NR062513:1030NR2-6	6/25/13 1030	GW	Fe by EPA 800.7 Fe, Dissolved by EPA 6010 (SW 846-6010) / VOCs, P260 list (EPA SW 845-8260B) plus from 113	3v 2P	
NR062513:1035NR2-7	1035	GW		3v 2P	
NR062513:1040NR2-10	1040	GW	Fe by EPA 800.7 Fe, Dissolved by EPA 6010 (SW 846-6010) / VOCs, P260 list (EPA SW 845-8260B) plus from 113 / TDS (9H 2540C)	3v 3P	
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 type="checkbox"/> HCl <input type="checkbox"/> MeOH <input type="checkbox"/> H ₂ O <input checked="" type="checkbox"/> NaOH <input type="checkbox"/> Ascorbic Acid <input type="checkbox"/> Other: _____ Samples Relinquished By: <u>[Signature]</u> Date/Time: <u>6/26/13 9-</u> Samples Relinquished By: <u>[Signature]</u> Date/Time: <u>6/27/13 1245</u> Samples Relinquished By: <u>[Signature]</u> Date/Time: <u>6-27-13 1505</u>					

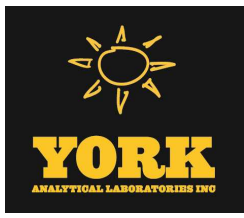
Field Chain-of-Custody Record

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 analysis requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 13FO943

YOUR INFORMATION Company: <u>LBG</u> Address: <u>4 Research Dr. Suite 341</u> <u>Shelton, CT 06484</u> Phone No. <u>263-929-8555</u> Contact Person: <u>Jonde 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>Apw Incubatories</u> Purchase Order No. <u>HAB5A6</u> Samples from: CT <u>NY</u> X <u>NI</u>		Turn-Around Time <input type="checkbox"/> 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 checked="" type="checkbox"/> Standard (5-7 Days)		Report Type <input checked="" type="checkbox"/> Summary Report <input type="checkbox"/> Summary w/ QA Summary <input type="checkbox"/> CT RCP Package <input type="checkbox"/> CTRCP DQADUE Pkg <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B Package <input type="checkbox"/> NJDEP Red. Deliv. <input type="checkbox"/> Electronic Data Deliverables (EDD)	
Matrix Codes S - soil Other - specify (oil, etc) WY - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Volatiles 8760 fill 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list		Perfluorinated RCRA8 PF13 list TAL CT15 list TAGM list NJDEP list CT RCP list STP/TCLP Total Dissolved STP/TCLP HMs-Metals LIST Below		Misc. Org. TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air-TO14A Air-TO15 A5-STARS STP/TCLP A5-VPH A5-TCS Medicine Hidden		Full Lists Pri. Poll. TCL Opats TAL-MaxCN Full TCLP Full App. IX Pat 300 Review Pat 300 Update Pat 300 Original Pat 300 2004 Pat 300 2004 NYDEP 2004 NYDEP 2004 NYDEP 2004 TAGM		Misc. Corrosivity Reactivity Legibility Flash Point Sieve Anal. Pat 300 Review Pat 300 Update Pat 300 Original Pat 300 2004 NYDEP 2004 NYDEP 2004 NYDEP 2004 TAGM	
Choose Analyses Needed from the Menu Above and Enter Below Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-0106) / POCs, P260 List (EPA SW 845-8060) Abs from 13 Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-0106) / POCs P260 List (EPA SW 845-8060) Abs from 13 / TDS (9H 2540c)											
Sample Matrix GW GW GW		Date Sampled 6/22/13 1035 1040		Sample Identification WQ062513-1030-NPZ-6 WQ062513-1035-NPZ-7 WQ062513-1040-NPZ-10		Container Description(s) 30 2P 30 2P 30 3P					
Comments Preservation Check those Applicable: Special Instructions: Field Filled <input type="checkbox"/> Lab to Filler <input type="checkbox"/> 4°C <input checked="" type="checkbox"/> Frozen <input type="checkbox"/> HCl <input checked="" type="checkbox"/> H ₂ O <input type="checkbox"/> NaOH <input type="checkbox"/> ZnAc <input type="checkbox"/> Ascorbic Acid <input type="checkbox"/> Other <input type="checkbox"/> Samples Relinquished By: <u>LBG</u> Date/Time: <u>6/26/13 9-</u> <u>Y. Sandor</u> Date/Time: <u>6/27/13 1245</u> Samples Relinquished By: <u>Y. Sandor</u> Date/Time: <u>6-27-13 1505</u>											

APPENDIX II
JUNE 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: 06/20/2013

Client Project ID: Rowe Industries

York Project (SDG) No.: 13F0497

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 06/20/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13F0497

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 June 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>
13F0497-01	WQ061213:1730FRW1	Water	06/12/2013	06/14/2013
13F0497-02	WQ061213:1735FRW2	Water	06/12/2013	06/14/2013
13F0497-03	WQ061213:1740FRW3	Water	06/12/2013	06/14/2013
13F0497-04	WQ061213:1745FRW4	Water	06/12/2013	06/14/2013

General Notes for York Project (SDG) No.: 13F0497

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.

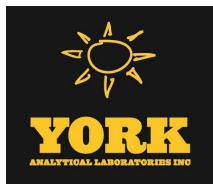
Approved By:



Benjamin Gulizia
Laboratory Director

Date: 06/20/2013

YORK



Sample Information

Client Sample ID: WQ061213:1730FRW1

York Sample ID: 13F0497-01

York Project (SDG) No.
13F0497

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
June 12, 2013 5:30 pm

Date Received
06/14/2013

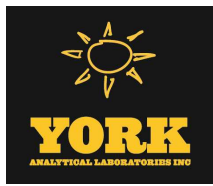
Volatile Organics, 8260 List - Low Level

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	06/18/2013 09:50	06/18/2013 17:40	SS
71-55-6	1,1,1-Trichloroethane	1.8		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	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	06/18/2013 09:50	06/18/2013 17:40	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
95-63-6	1,2,4-Trimethylbenzene	0.35	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS



Sample Information

Client Sample ID: WQ061213:1730FRW1

York Sample ID: 13F0497-01

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Rowe Industries

Water

June 12, 2013 5:30 pm

06/14/2013

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	06/18/2013 09:50	06/18/2013 17:40	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
156-59-2	cis-1,2-Dichloroethylene	6.1		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
75-09-2	Methylene chloride	1.7	J	ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
127-18-4	Tetrachloroethylene	100		ug/L	1.0	2.5	5	EPA SW846-8260B	06/18/2013 09:50	06/19/2013 16:33	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
79-01-6	Trichloroethylene	3.1		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS



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Rowe Industries

Water

June 12, 2013 5:30 pm

06/14/2013

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									
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.6 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	120 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	91.1 %			81.2-127						

Sample Information

Client Sample ID: WQ061213:1730FRW1

York Sample ID: 13F0497-01RE1

York Project (SDG) No.

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Rowe Industries

Water

June 12, 2013 5:30 pm

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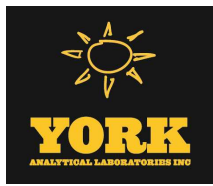
Volatile Organics, 8260 List - Low Level

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	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
71-55-6	1,1,1-Trichloroethane	2.2	J	ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
75-34-3	1,1-Dichloroethane	2.8		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	1.0	10	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.0	10	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	10	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS



Sample Information

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York Project (SDG) No.

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Rowe Industries

Water

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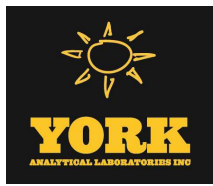
Volatile Organics, 8260 List - Low Level

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
594-20-7	2,2-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
95-49-8	2-Chlorotoluene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
591-78-6	2-Hexanone	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
106-43-4	4-Chlorotoluene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
67-64-1	Acetone	ND		ug/L	5.0	10	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
71-43-2	Benzene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
108-86-1	Bromobenzene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
74-97-5	Bromochloromethane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
75-27-4	Bromodichloromethane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
75-25-2	Bromoform	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
74-83-9	Bromomethane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
108-90-7	Chlorobenzene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
75-00-3	Chloroethane	1.8	J	ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
67-66-3	Chloroform	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
74-87-3	Chloromethane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
156-59-2	cis-1,2-Dichloroethylene	25		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
124-48-1	Dibromochloromethane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
74-95-3	Dibromomethane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
100-41-4	Ethyl Benzene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
98-82-8	Isopropylbenzene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
75-09-2	Methylene chloride	ND		ug/L	5.0	10	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
91-20-3	Naphthalene	ND		ug/L	5.0	10	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
104-51-8	n-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
103-65-1	n-Propylbenzene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
95-47-6	o-Xylene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	2.5	5.0	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS



Sample Information

Client Sample ID: WQ061213:1730FRW1

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13F0497

Rowe Industries

Water

June 12, 2013 5:30 pm

06/14/2013

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
135-98-8	sec-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
100-42-5	Styrene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
98-06-6	tert-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
127-18-4	Tetrachloroethylene	100		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
108-88-3	Toluene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
79-01-6	Trichloroethylene	3.6		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
75-01-4	Vinyl Chloride	2.8		ug/L	2.5	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
1330-20-7	Xylenes, Total	ND		ug/L	3.0	7.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	126 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	94.1 %			81.2-127						

Sample Information

Client Sample ID: WQ061213:1735FRW2

York Sample ID: 13F0497-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0497

Rowe Industries

Water

June 12, 2013 5:35 pm

06/14/2013

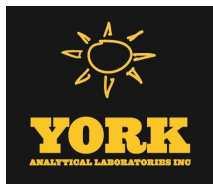
Volatile Organics, 8260 List - Low Level

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	06/18/2013 09:50	06/18/2013 18:21	SS
71-55-6	1,1,1-Trichloroethane	0.35	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	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	06/18/2013 09:50	06/18/2013 18:21	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
75-34-3	1,1-Dichloroethane	1.3		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS



Sample Information

Client Sample ID: WQ061213:1735FRW2

York Sample ID: 13F0497-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0497

Rowe Industries

Water

June 12, 2013 5:35 pm

06/14/2013

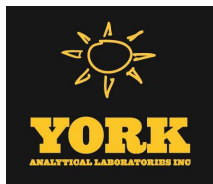
Volatile Organics, 8260 List - Low Level

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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
67-64-1	Acetone	9.4	B	ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
71-43-2	Benzene	0.32	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
156-59-2	cis-1,2-Dichloroethylene	22		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS



Sample Information

Client Sample ID: WQ061213:1735FRW2

York Sample ID: 13F0497-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0497

Rowe Industries

Water

June 12, 2013 5:35 pm

06/14/2013

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
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
75-09-2	Methylene chloride	1.6	J	ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
127-18-4	Tetrachloroethylene	45		ug/L	0.40	1.0	2	EPA SW846-8260B	06/18/2013 09:50	06/19/2013 17:13	SS
108-88-3	Toluene	0.27	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
79-01-6	Trichloroethylene	2.7		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
75-01-4	Vinyl Chloride	3.1		ug/L	0.50	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	120 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	92.4 %			81.2-127						

Sample Information

Client Sample ID: WQ061213:1735FRW2

York Sample ID: 13F0497-02RE1

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0497

Rowe Industries

Water

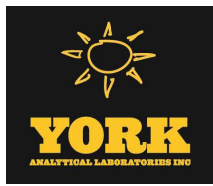
June 12, 2013 5:35 pm

06/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WQ061213:1735FRW2

York Sample ID: 13F0497-02RE1

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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13F0497

Rowe Industries

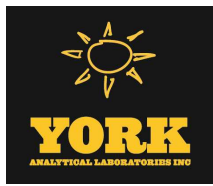
Water

June 12, 2013 5:35 pm

06/14/2013

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	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
75-34-3	1,1-Dichloroethane	1.1		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.40	4.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.40	4.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.40	4.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
591-78-6	2-Hexanone	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
67-64-1	Acetone	8.5		ug/L	2.0	4.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
71-43-2	Benzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
108-86-1	Bromobenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
74-97-5	Bromochloromethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
75-25-2	Bromoform	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
74-83-9	Bromomethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
108-90-7	Chlorobenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS



Sample Information

Client Sample ID: WQ061213:1735FRW2

York Sample ID: 13F0497-02RE1

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0497

Rowe Industries

Water

June 12, 2013 5:35 pm

06/14/2013

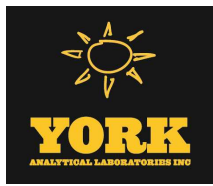
Volatile Organics, 8260 List - Low Level

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
75-00-3	Chloroethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
67-66-3	Chloroform	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
74-87-3	Chloromethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
156-59-2	cis-1,2-Dichloroethylene	22		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
74-95-3	Dibromomethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
75-09-2	Methylene chloride	ND		ug/L	2.0	4.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
91-20-3	Naphthalene	ND		ug/L	2.0	4.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
95-47-6	o-Xylene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	1.0	2.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
100-42-5	Styrene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
127-18-4	Tetrachloroethylene	45		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
108-88-3	Toluene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
79-01-6	Trichloroethylene	2.4		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
75-01-4	Vinyl Chloride	2.9		ug/L	1.0	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.2	3.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
	Surrogate Recoveries	Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %		72.6-129							
460-00-4	Surrogate: p-Bromofluorobenzene	124 %		63.5-145							



Sample Information

Client Sample ID: WQ061213:1735FRW2

York Sample ID: 13F0497-02RE1

<u>York Project (SDG) No.</u> 13F0497	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 12, 2013 5:35 pm	<u>Date Received</u> 06/14/2013
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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
2037-26-5	Surrogate: Toluene-d8	93.4 %			81.2-127						

Sample Information

Client Sample ID: WQ061213:1740FRW3

York Sample ID: 13F0497-03

<u>York Project (SDG) No.</u> 13F0497	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 12, 2013 5:40 pm	<u>Date Received</u> 06/14/2013
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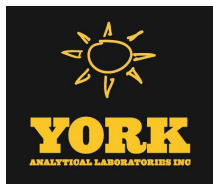
Volatile Organics, 8260 List - Low Level

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	06/18/2013 09:50	06/18/2013 19:02	SS
71-55-6	1,1,1-Trichloroethane	1.3		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	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	06/18/2013 09:50	06/18/2013 19:02	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
75-34-3	1,1-Dichloroethane	1.4		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS



Sample Information

Client Sample ID: WQ061213:1740FRW3

York Sample ID: 13F0497-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0497

Rowe Industries

Water

June 12, 2013 5:40 pm

06/14/2013

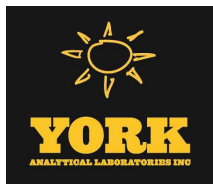
Volatile Organics, 8260 List - Low Level

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	06/18/2013 09:50	06/18/2013 19:02	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
71-43-2	Benzene	0.46	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
156-59-2	cis-1,2-Dichloroethylene	46		ug/L	0.40	1.0	2	EPA SW846-8260B	06/18/2013 09:50	06/19/2013 17:53	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
98-82-8	Isopropylbenzene	0.35	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
75-09-2	Methylene chloride	1.6	J	ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
103-65-1	n-Propylbenzene	0.50		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS



Sample Information

Client Sample ID: WQ061213:1740FRW3

York Sample ID: 13F0497-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0497

Rowe Industries

Water

June 12, 2013 5:40 pm

06/14/2013

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	06/18/2013 09:50	06/18/2013 19:02	SS
127-18-4	Tetrachloroethylene	9.9		ug/L	0.40	1.0	2	EPA SW846-8260B	06/18/2013 09:50	06/19/2013 17:53	SS
108-88-3	Toluene	0.44	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
79-01-6	Trichloroethylene	6.9		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
75-01-4	Vinyl Chloride	0.93		ug/L	0.50	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.8 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	118 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	92.5 %			81.2-127						

Sample Information

Client Sample ID: WQ061213:1740FRW3

York Sample ID: 13F0497-03RE1

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0497

Rowe Industries

Water

June 12, 2013 5:40 pm

06/14/2013

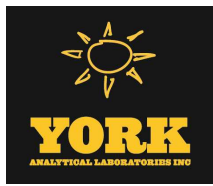
Volatile Organics, 8260 List - Low Level

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	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
71-55-6	1,1,1-Trichloroethane	1.2		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
75-34-3	1,1-Dichloroethane	1.4		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.40	4.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.40	4.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS



Sample Information

Client Sample ID: WQ061213:1740FRW3

York Sample ID: 13F0497-03RE1

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0497

Rowe Industries

Water

June 12, 2013 5:40 pm

06/14/2013

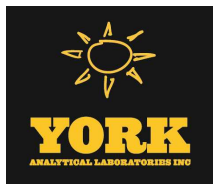
Volatile Organics, 8260 List - Low Level

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	0.40	4.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
591-78-6	2-Hexanone	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
67-64-1	Acetone	ND		ug/L	2.0	4.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
71-43-2	Benzene	0.42	J	ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
108-86-1	Bromobenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
74-97-5	Bromochloromethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
75-25-2	Bromoform	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
74-83-9	Bromomethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
108-90-7	Chlorobenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
75-00-3	Chloroethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
67-66-3	Chloroform	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
74-87-3	Chloromethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
156-59-2	cis-1,2-Dichloroethylene	46		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
74-95-3	Dibromomethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS



Sample Information

Client Sample ID: WQ061213:1740FRW3

York Sample ID: 13F0497-03RE1

York Project (SDG) No. 13F0497 Client Project ID Rowe Industries Matrix Water Collection Date/Time June 12, 2013 5:40 pm Date Received 06/14/2013

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	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
75-09-2	Methylene chloride	ND		ug/L	2.0	4.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
91-20-3	Naphthalene	ND		ug/L	2.0	4.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
103-65-1	n-Propylbenzene	0.46	J	ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
95-47-6	o-Xylene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	1.0	2.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
100-42-5	Styrene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
127-18-4	Tetrachloroethylene	9.9		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
108-88-3	Toluene	0.42	J	ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
79-01-6	Trichloroethylene	6.0		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
75-01-4	Vinyl Chloride	ND		ug/L	1.0	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.2	3.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	123 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	92.2 %	81.2-127								

Sample Information

Client Sample ID: WQ061213:1745FRW4

York Sample ID: 13F0497-04

York Project (SDG) No. 13F0497 Client Project ID Rowe Industries Matrix Water Collection Date/Time June 12, 2013 5:45 pm Date Received 06/14/2013

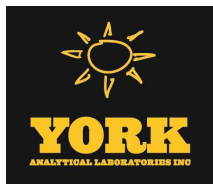
Volatile Organics, 8260 List - Low Level

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	06/18/2013 09:50	06/18/2013 19:43	SS



Sample Information

Client Sample ID: WQ061213:1745FRW4

York Sample ID: 13F0497-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0497

Rowe Industries

Water

June 12, 2013 5:45 pm

06/14/2013

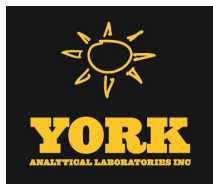
Volatile Organics, 8260 List - Low Level

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
71-55-6	1,1,1-Trichloroethane	0.99		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	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	06/18/2013 09:50	06/18/2013 19:43	SS
79-00-5	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
75-34-3	1,1-Dichloroethane	0.49	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS



Sample Information

Client Sample ID: WQ061213:1745FRW4

York Sample ID: 13F0497-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0497

Rowe Industries

Water

June 12, 2013 5:45 pm

06/14/2013

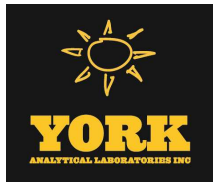
Volatile Organics, 8260 List - Low Level

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
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
156-59-2	cis-1,2-Dichloroethylene	9.3		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
75-09-2	Methylene chloride	1.5	J	ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
127-18-4	Tetrachloroethylene	25		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
79-01-6	Trichloroethylene	7.5		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %			72.6-129						



Sample Information

Client Sample ID: WQ061213:1745FRW4

York Sample ID: 13F0497-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0497

Rowe Industries

Water

June 12, 2013 5:45 pm

06/14/2013

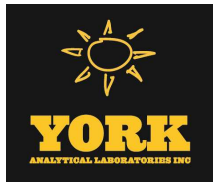
Volatile Organics, 8260 List - Low Level

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
460-00-4	Surrogate: p-Bromofluorobenzene	119 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	105 %			81.2-127						



Analytical Batch Summary

Batch ID: BF30798

Preparation Method: EPA 5030B

Prepared By: EKM

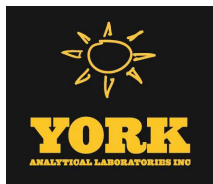
YORK Sample ID	Client Sample ID	Preparation Date
13F0497-01	WQ061213:1730FRW1	06/18/13
13F0497-02	WQ061213:1735FRW2	06/18/13
13F0497-03	WQ061213:1740FRW3	06/18/13
13F0497-04	WQ061213:1745FRW4	06/18/13
BF30798-BLK1	Blank	06/18/13
BF30798-BS1	LCS	06/18/13
BF30798-BSD1	LCS Dup	06/18/13

Batch ID: BF30851

Preparation Method: EPA 5030B

Prepared By: EKM

YORK Sample ID	Client Sample ID	Preparation Date
13F0497-01RE1	WQ061213:1730FRW1	06/19/13
13F0497-02RE1	WQ061213:1735FRW2	06/19/13
13F0497-03RE1	WQ061213:1740FRW3	06/19/13
BF30851-BLK1	Blank	06/19/13
BF30851-BS1	LCS	06/19/13
BF30851-BSD1	LCS Dup	06/19/13



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

York Analytical Laboratories, Inc.

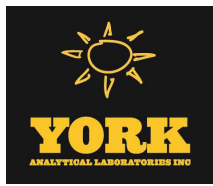
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF30798 - EPA 5030B

Blank (BF30798-BLK1)

Prepared & Analyzed: 06/18/2013

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	1.9	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 BF30798 - EPA 5030B

Blank (BF30798-BLK1)

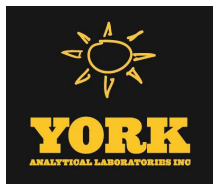
Prepared & Analyzed: 06/18/2013

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>	10.2		"	10.0		102	72.6-129				
<i>Surrogate: p-Bromofluorobenzene</i>	12.8		"	10.0		128	63.5-145				
<i>Surrogate: Toluene-d8</i>	9.33		"	10.0		93.3	81.2-127				

LCS (BF30798-BS1)

Prepared & Analyzed: 06/18/2013

1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82.3-130				
1,1,1-Trichloroethane	12.1		"	10.0		121	75.6-137				
1,1,2,2-Tetrachloroethane	9.18		"	10.0		91.8	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.16		"	10.0		91.6	71.1-129				
1,1,2-Trichloroethane	8.72		"	10.0		87.2	74.5-129				
1,1-Dichloroethane	9.66		"	10.0		96.6	79.6-132				
1,1-Dichloroethylene	8.53		"	10.0		85.3	80.2-146				
1,1-Dichloropropylene	10.3		"	10.0		103	75-136				
1,2,3-Trichlorobenzene	9.95		"	10.0		99.5	66.1-136				
1,2,3-Trichloropropane	9.36		"	10.0		93.6	63-131				
1,2,4-Trichlorobenzene	10.3		"	10.0		103	70.6-136				
1,2,4-Trimethylbenzene	10.2		"	10.0		102	75.3-135				
1,2-Dibromo-3-chloropropane	12.2		"	10.0		122	58.9-140				
1,2-Dibromoethane	10.2		"	10.0		102	79-130				
1,2-Dichlorobenzene	9.99		"	10.0		99.9	76.1-122				
1,2-Dichloroethane	10.3		"	10.0		103	74.6-132				
1,2-Dichloropropane	9.06		"	10.0		90.6	76.9-129				
1,3,5-Trimethylbenzene	10.3		"	10.0		103	70.6-127				
1,3-Dichlorobenzene	10.8		"	10.0		108	77-124				
1,3-Dichloropropane	9.09		"	10.0		90.9	75.8-126				
1,4-Dichlorobenzene	10.2		"	10.0		102	76.6-125				
2,2-Dichloropropane	12.3		"	10.0		123	69-133				
2-Chlorotoluene	9.86		"	10.0		98.6	66.3-119				
2-Hexanone	7.88		"	10.0		78.8	70-130				
4-Chlorotoluene	9.95		"	10.0		99.5	69.2-127				
Acetone	6.92		"	10.0		69.2	70-130	Low Bias			
Benzene	10.6		"	10.0		106	76.2-129				
Bromobenzene	9.74		"	10.0		97.4	71.3-123				
Bromochloromethane	10.2		"	10.0		102	70.8-137				
Bromodichloromethane	10.1		"	10.0		101	79.7-134				
Bromoform	12.8		"	10.0		128	70.5-141				
Bromomethane	8.20		"	10.0		82.0	43.9-147				
Carbon tetrachloride	13.0		"	10.0		130	78.1-138				
Chlorobenzene	9.87		"	10.0		98.7	80.4-125				



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

York Analytical Laboratories, Inc.

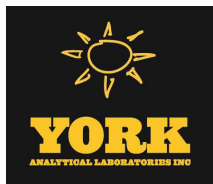
Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit			Result					RPD	Limit

Batch BF30798 - EPA 5030B

LCS (BF30798-BS1)

Prepared & Analyzed: 06/18/2013

Chloroethane	8.92		ug/L	10.0		89.2	55.8-140				
Chloroform	10.9		"	10.0		109	76.6-133				
Chloromethane	8.58		"	10.0		85.8	48.8-115				
cis-1,2-Dichloroethylene	10.6		"	10.0		106	75.1-128				
cis-1,3-Dichloropropylene	10.4		"	10.0		104	74.5-128				
Dibromochloromethane	12.0		"	10.0		120	79.8-134				
Dibromomethane	9.10		"	10.0		91.0	79-130				
Dichlorodifluoromethane	11.2		"	10.0		112	47.1-101	High Bias			
Ethyl Benzene	10.2		"	10.0		102	80.8-128				
Hexachlorobutadiene	11.9		"	10.0		119	64.8-128				
Isopropylbenzene	10.8		"	10.0		108	75.5-135				
Methyl tert-butyl ether (MTBE)	8.89		"	10.0		88.9	65.1-140				
Methylene chloride	6.51		"	10.0		65.1	61.3-120				
Naphthalene	9.00		"	10.0		90.0	62.3-148				
n-Butylbenzene	9.09		"	10.0		90.9	67.2-123				
n-Propylbenzene	10.2		"	10.0		102	70.5-127				
o-Xylene	9.54		"	10.0		95.4	75.9-122				
p- & m- Xylenes	20.3		"	20.0		101	77.7-127				
p-Isopropyltoluene	10.9		"	10.0		109	75.6-129				
sec-Butylbenzene	10.6		"	10.0		106	71.5-125				
Styrene	9.99		"	10.0		99.9	77.8-123				
tert-Butylbenzene	10.9		"	10.0		109	75.9-151				
Tetrachloroethylene	11.0		"	10.0		110	63.6-167				
Toluene	9.59		"	10.0		95.9	77-123				
trans-1,2-Dichloroethylene	8.96		"	10.0		89.6	76.3-139				
trans-1,3-Dichloropropylene	10.1		"	10.0		101	72.5-137				
Trichloroethylene	10.1		"	10.0		101	77.9-130				
Trichlorofluoromethane	9.60		"	10.0		96.0	57.4-133				
Vinyl Chloride	8.83		"	10.0		88.3	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	9.96		"	10.0		99.6	72.6-129				
Surrogate: p-Bromofluorobenzene	11.7		"	10.0		117	63.5-145				
Surrogate: Toluene-d8	9.59		"	10.0		95.9	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 BF30798 - EPA 5030B

LCS Dup (BF30798-BSD1)

Prepared & Analyzed: 06/18/2013

1,1,1,2-Tetrachloroethane	11.4		ug/L	10.0		114	82.3-130		4.12	21.1	
1,1,1-Trichloroethane	12.5		"	10.0		125	75.6-137		3.33	19.7	
1,1,2,2-Tetrachloroethane	9.85		"	10.0		98.5	71.3-131		7.04	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.71		"	10.0		97.1	71.1-129		5.83	21.7	
1,1,2-Trichloroethane	9.21		"	10.0		92.1	74.5-129		5.47	20.3	
1,1-Dichloroethane	9.21		"	10.0		92.1	79.6-132		4.77	20.6	
1,1-Dichloroethylene	8.79		"	10.0		87.9	80.2-146		3.00	20	
1,1-Dichloropropylene	10.4		"	10.0		104	75-136		0.483	19.3	
1,2,3-Trichlorobenzene	11.9		"	10.0		119	66.1-136		17.5	21.6	
1,2,3-Trichloropropane	10.4		"	10.0		104	63-131		10.6	23.9	
1,2,4-Trichlorobenzene	11.5		"	10.0		115	70.6-136		11.2	21.7	
1,2,4-Trimethylbenzene	10.6		"	10.0		106	75.3-135		4.13	18.8	
1,2-Dibromo-3-chloropropane	9.74		"	10.0		97.4	58.9-140		22.1	27.7	
1,2-Dibromoethane	10.4		"	10.0		104	79-130		2.43	23	
1,2-Dichlorobenzene	10.7		"	10.0		107	76.1-122		7.05	19.8	
1,2-Dichloroethane	10.1		"	10.0		101	74.6-132		2.75	20.2	
1,2-Dichloropropane	9.24		"	10.0		92.4	76.9-129		1.97	20.7	
1,3,5-Trimethylbenzene	10.7		"	10.0		107	70.6-127		3.43	18.9	
1,3-Dichlorobenzene	11.3		"	10.0		113	77-124		5.08	19.2	
1,3-Dichloropropane	9.15		"	10.0		91.5	75.8-126		0.658	22.1	
1,4-Dichlorobenzene	11.0		"	10.0		110	76.6-125		7.67	18.6	
2,2-Dichloropropane	12.2		"	10.0		122	69-133		0.899	19.8	
2-Chlorotoluene	10.3		"	10.0		103	66.3-119		4.56	21.6	
2-Hexanone	8.55		"	10.0		85.5	70-130		8.16	30	
4-Chlorotoluene	10.5		"	10.0		105	69.2-127		5.28	19	
Acetone	7.01		"	10.0		70.1	70-130		1.29	30	
Benzene	10.7		"	10.0		107	76.2-129		0.564	19	
Bromobenzene	10.2		"	10.0		102	71.3-123		4.12	20.3	
Bromochloromethane	10.1		"	10.0		101	70.8-137		1.28	23.9	
Bromodichloromethane	10.2		"	10.0		102	79.7-134		0.982	21	
Bromoform	14.1		"	10.0		141	70.5-141		9.23	21.8	
Bromomethane	8.87		"	10.0		88.7	43.9-147		7.85	28.4	
Carbon tetrachloride	13.3		"	10.0		133	78.1-138		1.97	20.1	
Chlorobenzene	10.0		"	10.0		100	80.4-125		1.71	19.9	
Chloroethane	9.21		"	10.0		92.1	55.8-140		3.20	23.3	
Chloroform	10.8		"	10.0		108	76.6-133		0.552	20.3	
Chloromethane	9.17		"	10.0		91.7	48.8-115		6.65	24.5	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	75.1-128		1.33	20.5	
cis-1,3-Dichloropropylene	10.6		"	10.0		106	74.5-128		1.81	19.9	
Dibromochloromethane	11.9		"	10.0		119	79.8-134		0.586	21.3	
Dibromomethane	8.99		"	10.0		89.9	79-130		1.22	22.4	
Dichlorodifluoromethane	11.7		"	10.0		117	47.1-101	High Bias	4.29	23.9	
Ethyl Benzene	10.4		"	10.0		104	80.8-128		2.14	19.2	
Hexachlorobutadiene	13.2		"	10.0		132	64.8-128	High Bias	10.7	20.6	
Isopropylbenzene	11.2		"	10.0		112	75.5-135		3.36	20	
Methyl tert-butyl ether (MTBE)	8.28		"	10.0		82.8	65.1-140		7.11	23.6	
Methylene chloride	6.59		"	10.0		65.9	61.3-120		1.22	20.4	
Naphthalene	11.1		"	10.0		111	62.3-148		20.5	27.1	
n-Butylbenzene	9.75		"	10.0		97.5	67.2-123		7.01	19.1	
n-Propylbenzene	10.6		"	10.0		106	70.5-127		3.45	23.4	
o-Xylene	9.73		"	10.0		97.3	75.9-122		1.97	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 BF30798 - EPA 5030B

LCS Dup (BF30798-BSD1)

Prepared & Analyzed: 06/18/2013

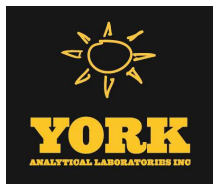
p- & m- Xylenes	20.6		ug/L	20.0		103	77.7-127			1.71	18.6
p-Isopropyltoluene	11.4		"	10.0		114	75.6-129			4.94	19.1
sec-Butylbenzene	11.2		"	10.0		112	71.5-125			5.31	18.9
Styrene	10.4		"	10.0		104	77.8-123			4.50	20.9
tert-Butylbenzene	11.4		"	10.0		114	75.9-151			4.50	20.9
Tetrachloroethylene	11.3		"	10.0		113	63.6-167			2.42	27.7
Toluene	9.74		"	10.0		97.4	77-123			1.55	18.7
trans-1,2-Dichloroethylene	8.29		"	10.0		82.9	76.3-139			7.77	19.5
trans-1,3-Dichloropropylene	10.3		"	10.0		103	72.5-137			1.76	19.3
Trichloroethylene	10.4		"	10.0		104	77.9-130			2.74	20.5
Trichlorofluoromethane	10.2		"	10.0		102	57.4-133			6.45	21.4
Vinyl Chloride	9.36		"	10.0		93.6	54.9-124			5.83	22.3
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.52</i>		<i>"</i>	<i>10.0</i>		<i>95.2</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>11.8</i>		<i>"</i>	<i>10.0</i>		<i>118</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.30</i>		<i>"</i>	<i>10.0</i>		<i>93.0</i>	<i>81.2-127</i>				

Batch BF30851 - EPA 5030B

Blank (BF30851-BLK1)

Prepared & Analyzed: 06/19/2013

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.

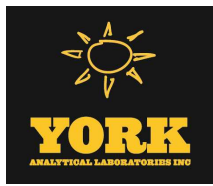
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF30851 - EPA 5030B

Blank (BF30851-BLK1)

Prepared & Analyzed: 06/19/2013

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	10.5		"	10.0		105	72.6-129				
Surrogate: p-Bromofluorobenzene	13.0		"	10.0		130	63.5-145				
Surrogate: Toluene-d8	9.35		"	10.0		93.5	81.2-127				



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 BF30851 - EPA 5030B

LCS (BF30851-BS1)

Prepared & Analyzed: 06/19/2013

1,1,1,2-Tetrachloroethane	11.5		ug/L	10.0		115	82.3-130				
1,1,1-Trichloroethane	12.3		"	10.0		123	75.6-137				
1,1,2,2-Tetrachloroethane	9.49		"	10.0		94.9	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.44		"	10.0		94.4	71.1-129				
1,1,2-Trichloroethane	9.44		"	10.0		94.4	74.5-129				
1,1-Dichloroethane	9.24		"	10.0		92.4	79.6-132				
1,1-Dichloroethylene	8.58		"	10.0		85.8	80.2-146				
1,1-Dichloropropylene	10.3		"	10.0		103	75-136				
1,2,3-Trichlorobenzene	11.9		"	10.0		119	66.1-136				
1,2,3-Trichloropropane	10.0		"	10.0		100	63-131				
1,2,4-Trichlorobenzene	11.7		"	10.0		117	70.6-136				
1,2,4-Trimethylbenzene	9.89		"	10.0		98.9	75.3-135				
1,2-Dibromo-3-chloropropane	9.48		"	10.0		94.8	58.9-140				
1,2-Dibromoethane	11.0		"	10.0		110	79-130				
1,2-Dichlorobenzene	10.1		"	10.0		101	76.1-122				
1,2-Dichloroethane	10.7		"	10.0		107	74.6-132				
1,2-Dichloropropane	9.35		"	10.0		93.5	76.9-129				
1,3,5-Trimethylbenzene	9.88		"	10.0		98.8	70.6-127				
1,3-Dichlorobenzene	10.7		"	10.0		107	77-124				
1,3-Dichloropropane	9.47		"	10.0		94.7	75.8-126				
1,4-Dichlorobenzene	10.5		"	10.0		105	76.6-125				
2,2-Dichloropropane	11.8		"	10.0		118	69-133				
2-Chlorotoluene	9.42		"	10.0		94.2	66.3-119				
2-Hexanone	9.53		"	10.0		95.3	70-130				
4-Chlorotoluene	9.69		"	10.0		96.9	69.2-127				
Acetone	7.42		"	10.0		74.2	70-130				
Benzene	10.9		"	10.0		109	76.2-129				
Bromobenzene	9.70		"	10.0		97.0	71.3-123				
Bromochloromethane	10.5		"	10.0		105	70.8-137				
Bromodichloromethane	10.6		"	10.0		106	79.7-134				
Bromoform	13.6		"	10.0		136	70.5-141				
Bromomethane	7.90		"	10.0		79.0	43.9-147				
Carbon tetrachloride	13.2		"	10.0		132	78.1-138				
Chlorobenzene	10.1		"	10.0		101	80.4-125				
Chloroethane	8.82		"	10.0		88.2	55.8-140				
Chloroform	11.0		"	10.0		110	76.6-133				
Chloromethane	8.42		"	10.0		84.2	48.8-115				
cis-1,2-Dichloroethylene	10.7		"	10.0		107	75.1-128				
cis-1,3-Dichloropropylene	10.9		"	10.0		109	74.5-128				
Dibromochloromethane	12.5		"	10.0		125	79.8-134				
Dibromomethane	9.69		"	10.0		96.9	79-130				
Dichlorodifluoromethane	9.56		"	10.0		95.6	47.1-101				
Ethyl Benzene	10.2		"	10.0		102	80.8-128				
Hexachlorobutadiene	12.4		"	10.0		124	64.8-128				
Isopropylbenzene	10.2		"	10.0		102	75.5-135				
Methyl tert-butyl ether (MTBE)	9.94		"	10.0		99.4	65.1-140				
Methylene chloride	6.68		"	10.0		66.8	61.3-120				
Naphthalene	11.1		"	10.0		111	62.3-148				
n-Butylbenzene	9.19		"	10.0		91.9	67.2-123				
n-Propylbenzene	9.74		"	10.0		97.4	70.5-127				
o-Xylene	9.64		"	10.0		96.4	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 BF30851 - EPA 5030B

LCS (BF30851-BS1)

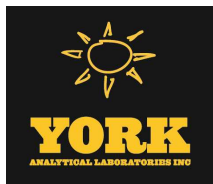
Prepared & Analyzed: 06/19/2013

p- & m- Xylenes	20.2		ug/L	20.0		101	77.7-127				
p-Isopropyltoluene	10.6		"	10.0		106	75.6-129				
sec-Butylbenzene	10.3		"	10.0		103	71.5-125				
Styrene	10.3		"	10.0		103	77.8-123				
tert-Butylbenzene	10.4		"	10.0		104	75.9-151				
Tetrachloroethylene	11.2		"	10.0		112	63.6-167				
Toluene	9.63		"	10.0		96.3	77-123				
trans-1,2-Dichloroethylene	9.04		"	10.0		90.4	76.3-139				
trans-1,3-Dichloropropylene	10.8		"	10.0		108	72.5-137				
Trichloroethylene	10.3		"	10.0		103	77.9-130				
Trichlorofluoromethane	9.48		"	10.0		94.8	57.4-133				
Vinyl Chloride	8.76		"	10.0		87.6	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	10.5		"	10.0		105	72.6-129				
Surrogate: p-Bromofluorobenzene	11.3		"	10.0		113	63.5-145				
Surrogate: Toluene-d8	9.32		"	10.0		93.2	81.2-127				

LCS Dup (BF30851-BSD1)

Prepared & Analyzed: 06/19/2013

1,1,1,2-Tetrachloroethane	11.4		ug/L	10.0		114	82.3-130		0.961	21.1	
1,1,1-Trichloroethane	11.9		"	10.0		119	75.6-137		3.31	19.7	
1,1,2,2-Tetrachloroethane	9.45		"	10.0		94.5	71.3-131		0.422	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.73		"	10.0		87.3	71.1-129		7.82	21.7	
1,1,2-Trichloroethane	9.23		"	10.0		92.3	74.5-129		2.25	20.3	
1,1-Dichloroethane	9.59		"	10.0		95.9	79.6-132		3.72	20.6	
1,1-Dichloroethylene	8.12		"	10.0		81.2	80.2-146		5.51	20	
1,1-Dichloropropylene	10.0		"	10.0		100	75-136		2.75	19.3	
1,2,3-Trichlorobenzene	10.5		"	10.0		105	66.1-136		12.4	21.6	
1,2,3-Trichloropropane	9.93		"	10.0		99.3	63-131		0.802	23.9	
1,2,4-Trichlorobenzene	10.8		"	10.0		108	70.6-136		8.17	21.7	
1,2,4-Trimethylbenzene	10.4		"	10.0		104	75.3-135		4.93	18.8	
1,2-Dibromo-3-chloropropane	8.77		"	10.0		87.7	58.9-140		7.78	27.7	
1,2-Dibromoethane	10.4		"	10.0		104	79-130		5.63	23	
1,2-Dichlorobenzene	10.1		"	10.0		101	76.1-122		0.0988	19.8	
1,2-Dichloroethane	10.3		"	10.0		103	74.6-132		4.38	20.2	
1,2-Dichloropropane	9.02		"	10.0		90.2	76.9-129		3.59	20.7	
1,3,5-Trimethylbenzene	10.4		"	10.0		104	70.6-127		5.03	18.9	
1,3-Dichlorobenzene	11.0		"	10.0		110	77-124		2.12	19.2	
1,3-Dichloropropane	9.35		"	10.0		93.5	75.8-126		1.28	22.1	
1,4-Dichlorobenzene	10.4		"	10.0		104	76.6-125		0.191	18.6	
2,2-Dichloropropane	11.8		"	10.0		118	69-133		0.254	19.8	
2-Chlorotoluene	9.97		"	10.0		99.7	66.3-119		5.67	21.6	
2-Hexanone	8.28		"	10.0		82.8	70-130		14.0	30	
4-Chlorotoluene	10.2		"	10.0		102	69.2-127		4.83	19	
Acetone	6.53		"	10.0		65.3	70-130	Low Bias	12.8	30	
Benzene	10.6		"	10.0		106	76.2-129		2.87	19	
Bromobenzene	9.87		"	10.0		98.7	71.3-123		1.74	20.3	
Bromochloromethane	10.1		"	10.0		101	70.8-137		4.08	23.9	
Bromodichloromethane	10.4		"	10.0		104	79.7-134		2.19	21	
Bromoform	13.4		"	10.0		134	70.5-141		1.63	21.8	
Bromomethane	7.66		"	10.0		76.6	43.9-147		3.08	28.4	
Carbon tetrachloride	12.7		"	10.0		127	78.1-138		3.87	20.1	
Chlorobenzene	10.0		"	10.0		100	80.4-125		0.596	19.9	
Chloroethane	8.32		"	10.0		83.2	55.8-140		5.83	23.3	



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

York Analytical Laboratories, Inc.

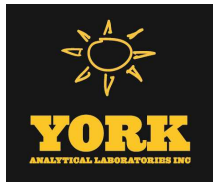
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF30851 - EPA 5030B

LCS Dup (BF30851-BSD1)

Prepared & Analyzed: 06/19/2013

Chloroform	10.8		ug/L	10.0		108	76.6-133		1.92	20.3	
Chloromethane	8.09		"	10.0		80.9	48.8-115		4.00	24.5	
cis-1,2-Dichloroethylene	10.5		"	10.0		105	75.1-128		2.36	20.5	
cis-1,3-Dichloropropylene	10.8		"	10.0		108	74.5-128		0.827	19.9	
Dibromochloromethane	12.1		"	10.0		121	79.8-134		3.00	21.3	
Dibromomethane	9.34		"	10.0		93.4	79-130		3.68	22.4	
Dichlorodifluoromethane	9.90		"	10.0		99.0	47.1-101		3.49	23.9	
Ethyl Benzene	10.3		"	10.0		103	80.8-128		0.487	19.2	
Hexachlorobutadiene	12.3		"	10.0		123	64.8-128		1.30	20.6	
Isopropylbenzene	11.0		"	10.0		110	75.5-135		6.99	20	
Methyl tert-butyl ether (MTBE)	8.51		"	10.0		85.1	65.1-140		15.5	23.6	
Methylene chloride	6.57		"	10.0		65.7	61.3-120		1.66	20.4	
Naphthalene	9.43		"	10.0		94.3	62.3-148		16.4	27.1	
n-Butylbenzene	9.47		"	10.0		94.7	67.2-123		3.00	19.1	
n-Propylbenzene	10.4		"	10.0		104	70.5-127		6.07	23.4	
o-Xylene	9.72		"	10.0		97.2	75.9-122		0.826	19.3	
p- & m- Xylenes	20.6		"	20.0		103	77.7-127		1.67	18.6	
p-Isopropyltoluene	11.1		"	10.0		111	75.6-129		4.90	19.1	
sec-Butylbenzene	10.9		"	10.0		109	71.5-125		5.20	18.9	
Styrene	10.4		"	10.0		104	77.8-123		0.677	20.9	
tert-Butylbenzene	10.8		"	10.0		108	75.9-151		3.95	20.9	
Tetrachloroethylene	11.2		"	10.0		112	63.6-167		0.0894	27.7	
Toluene	9.70		"	10.0		97.0	77-123		0.724	18.7	
trans-1,2-Dichloroethylene	8.57		"	10.0		85.7	76.3-139		5.34	19.5	
trans-1,3-Dichloropropylene	10.4		"	10.0		104	72.5-137		3.87	19.3	
Trichloroethylene	10.1		"	10.0		101	77.9-130		1.77	20.5	
Trichlorofluoromethane	9.15		"	10.0		91.5	57.4-133		3.54	21.4	
Vinyl Chloride	8.35		"	10.0		83.5	54.9-124		4.79	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.81</i>		<i>"</i>	<i>10.0</i>		<i>98.1</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>11.1</i>		<i>"</i>	<i>10.0</i>		<i>111</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.37</i>		<i>"</i>	<i>10.0</i>		<i>93.7</i>	<i>81.2-127</i>				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13F0497-01	WQ061213:1730FRW1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0497-02	WQ061213:1735FRW2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0497-03	WQ061213:1740FRW3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0497-04	WQ061213:1745FRW4	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.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, 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.

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 unless superseded by written contract.

York Project No. 13 F0497

Client Information		Report to:		Invoice To:		Client Project ID		Turn-Around Time		Report Type/Deliverables	
Company: <u>LBG</u>	<input checked="" type="checkbox"/> SAME	<input type="checkbox"/> Tunde Sandor	<input type="checkbox"/> SAME	<input type="checkbox"/> SAME	<input type="checkbox"/> Mark Goldberg	Rowe Industries		RUSH Same Day	Summary	x, pdf	
Address: <u>4 Research Drive,</u>	Name: _____	Name: <u>Tunde Sandor</u>	Name: _____	Name: _____	Name: _____	Purchase Order no.		RUSH Next Day	QA/QC Summary	x, pdf	
Phone no.: <u>Suite 301, Shelton CT, 06484</u>	Company: _____	Company: <u>Same</u>	Company: _____	Company: _____	Company: _____	NABSAG		RUSH Two Day	CT RCP Pkg		
Contact Person <u>Tunde Sandor</u>	Address: _____	Address: <u>Same</u>	Address: _____	Address: _____	Address: _____			RUSH Three Day	ASP A Pkg		
E-mail Addr.: <u>tsandor@lbact.com</u>	E-mail: _____	E-mail: <u>Same</u>	E-mail: _____	E-mail: _____	E-mail: _____			RUSH Four Day	ASP B Pkg	x, pdf	
FAX No.: <u>203-926-9140</u>	Fax No.: _____	Fax No.: <u>Same</u>	Fax No.: _____	Fax No.: _____	Fax No.: _____			Standard (5-7 days)	Excel		
						Samples from: CT_NY_NJ_OTHER		OTHER	EDD	X, Excel	

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

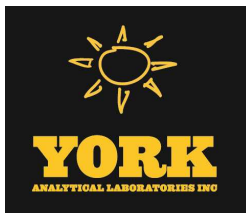
Samples Collected/Authorized By (Signature)
STEPHEN ANAT
Name (printed)

Volatiles	Semi-Vols. Permethrin	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters	Special Instructions
8260 full 624 STARS BTEX MTBE TCL/la TAGM CT RCP Arom. Halog. App. IX 8021B list	8270 or 625 8082PCB 8081Pest 8151Herb CT RCP App. IX PAH TAGM CT RCP TCL list TICs App. IX SPL Per TCLP TCLP BNA	RCRA8 PP13 TAL CT15 Total Disolved SPL Per TCLP TCLP Pest TICs Chlordane 608 Pest 608 PCB	TPH GRO TPH DR0 CT ETPH NY 310-13 TPH 418.1 Air TO14A Air TO15 Air STARS Fig. Pb, As, Cu Cr, Ni, Be, Fe Se, Ti, Sb, Cu, Ni Na, Mo, As, S, Hg	Pri. Poll. TCL Ogrets TAL MetCN Full TCLP Full App. IX Part 360 base Part 360 base Part 360 base Part 360 base NYCDEP Sewer NYSDDEC Sewer TAGM	Conductivity Reactivity Ignitability Flash Point Sieve Anal. Heterotrophs TOX BTU/lb. Aquatic Tox. F.O.G. pH MBAS Silica	Color Phenols Cyanide-T Cyanide-A BOD5 Chloride Phosphate Tox. Phos. Oil & Grease TSS Total Solids TDS TPH-IR

Choose Analyses Needed from the Menu Above and Enter Below

Sample Identification	Date Sampled	Sample Matrix	Sample Matrix	Container Description(s)
<u>WQ061213:1730FRW1</u>	<u>6/12/13 1730</u>	<u>GW</u>	<u>VOC 8260 full list (EPA SW846-8260B)</u>	<u>3V</u>
<u>WQ061213:1735FRW2</u>	<u>1735</u>	<u>GW</u>	<u>VOC 8260 full list (EPA SW846-8260B)</u>	<u>3V</u>
<u>WQ061213:1740FRW3</u>	<u>1740</u>	<u>GW</u>	<u>VOC 8260 full list (EPA SW846-8260B)</u>	<u>3V</u>
<u>WQ061213:1745FRW4</u>	<u>1745</u>	<u>GW</u>	<u>VOC 8260 full list (EPA SW846-8260B)</u>	<u>3V</u>
			<u>VOC 8260 full list (EPA SW846-8260B)</u>	
			<u>VOC 8260 full list (EPA SW846-8260B)</u>	
			<u>VOC 8260 full list (EPA SW846-8260B)</u>	
			<u>VOC 8260 full list (EPA SW846-8260B)</u>	

Comments	Cool 4°C	HNO3	H2SO4	NaOH	NONE	FROZEN	Temperature on Receipt
	<u>6/14/13 1530</u>	<u>6/14/13 1530</u>	<u>6-14-13</u>	<u>6-14-13</u>	<u>6-14-13</u>	<u>6-14-13</u>	<u>4.1 °C</u>
	Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Samples Relinquished By	Date/Time	Samples Received in LAB by



Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 301

Shelton CT, 06484

Attention: Tunde Komuves-Sandor

Report Date: 06/24/2013

Client Project ID: Rowe Industries

York Project (SDG) No.: 13F0589

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 06/24/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13F0589

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 June 18, 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>
13F0589-01	WQ061713:1030FRW1	Water	06/17/2013	06/18/2013
13F0589-02	WQ061713:1035FRW2	Water	06/17/2013	06/18/2013
13F0589-03	WQ061713:1040FRW3	Water	06/17/2013	06/18/2013
13F0589-04	WQ061713:1045FRW4	Water	06/17/2013	06/18/2013

General Notes for York Project (SDG) No.: 13F0589

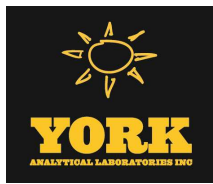
1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
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  ples submitted on the attached chain-of-custody form(s) received by York.

Approved By:

Date: 06/24/2013

Benjamin Gulizia
Laboratory Director

YORK



Sample Information

Client Sample ID: WQ061713:1030FRW1

York Sample ID: 13F0589-01

York Project (SDG) No.
13F0589

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
June 17, 2013 10:30 am

Date Received
06/18/2013

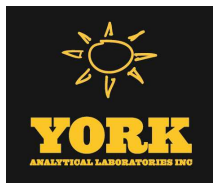
Volatile Organics, 8260 List - Low Level

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	06/20/2013 09:10	06/20/2013 12:31	SS
71-55-6	1,1,1-Trichloroethane	3.5		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS



Sample Information

Client Sample ID: WQ061713:1030FRW1

York Sample ID: 13F0589-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0589

Rowe Industries

Water

June 17, 2013 10:30 am

06/18/2013

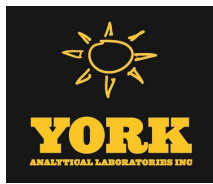
Volatile Organics, 8260 List - Low Level

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	06/20/2013 09:10	06/20/2013 12:31	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
156-59-2	cis-1,2-Dichloroethylene	8.7		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
127-18-4	Tetrachloroethylene	310		ug/L	4.0	10	20	EPA SW846-8260B	06/20/2013 09:10	06/21/2013 15:01	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
79-01-6	Trichloroethylene	4.8		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS



Sample Information

Client Sample ID: WQ061713:1035FRW2

York Sample ID: 13F0589-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0589

Rowe Industries

Water

June 17, 2013 10:35 am

06/18/2013

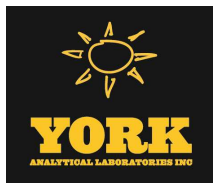
Volatile Organics, 8260 List - Low Level

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	06/20/2013 09:10	06/20/2013 13:12	SS
71-55-6	1,1,1-Trichloroethane	1.7		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
75-34-3	1,1-Dichloroethane	0.70		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
71-43-2	Benzene	0.21	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS



Sample Information

Client Sample ID: WQ061713:1035FRW2

York Sample ID: 13F0589-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0589

Rowe Industries

Water

June 17, 2013 10:35 am

06/18/2013

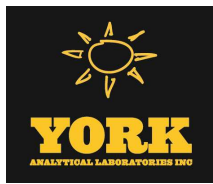
Volatile Organics, 8260 List - Low Level

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	06/20/2013 09:10	06/20/2013 13:12	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
156-59-2	cis-1,2-Dichloroethylene	14		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
127-18-4	Tetrachloroethylene	210		ug/L	2.0	5.0	10	EPA SW846-8260B	06/20/2013 09:10	06/21/2013 15:42	SS
108-88-3	Toluene	0.21	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
79-01-6	Trichloroethylene	9.8		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
75-01-4	Vinyl Chloride	1.0		ug/L	0.50	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS



Sample Information

Client Sample ID: WQ061713:1040FRW3

York Sample ID: 13F0589-03

York Project (SDG) No.

Client Project ID

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13F0589

Rowe Industries

Water

June 17, 2013 10:40 am

06/18/2013

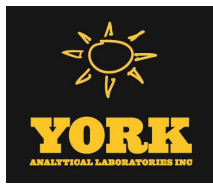
Volatile Organics, 8260 List - Low Level

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	06/20/2013 09:10	06/20/2013 13:52	SS
71-55-6	1,1,1-Trichloroethane	3.6		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
75-34-3	1,1-Dichloroethane	0.79		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
78-87-5	1,2-Dichloropropane	0.40	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
67-64-1	Acetone	4.1		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS



Sample Information

Client Sample ID: WQ061713:1040FRW3

York Sample ID: 13F0589-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0589

Rowe Industries

Water

June 17, 2013 10:40 am

06/18/2013

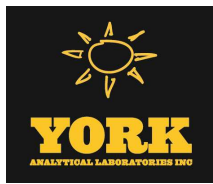
Volatile Organics, 8260 List - Low Level

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	06/20/2013 09:10	06/20/2013 13:52	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
156-59-2	cis-1,2-Dichloroethylene	70		ug/L	2.0	5.0	10	EPA SW846-8260B	06/20/2013 09:10	06/21/2013 16:22	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
98-82-8	Isopropylbenzene	1.6		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
103-65-1	n-Propylbenzene	0.87		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
127-18-4	Tetrachloroethylene	230		ug/L	2.0	5.0	10	EPA SW846-8260B	06/20/2013 09:10	06/21/2013 16:22	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
79-01-6	Trichloroethylene	18		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
75-01-4	Vinyl Chloride	5.4		ug/L	0.50	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS



Sample Information

Client Sample ID: WQ061713:1045FRW4

York Sample ID: 13F0589-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0589

Rowe Industries

Water

June 17, 2013 10:45 am

06/18/2013

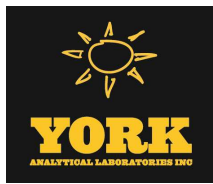
Volatile Organics, 8260 List - Low Level

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	06/21/2013 11:10	06/21/2013 19:04	SS
71-55-6	1,1,1-Trichloroethane	0.22	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS



Sample Information

Client Sample ID: WQ061713:1045FRW4

York Sample ID: 13F0589-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0589

Rowe Industries

Water

June 17, 2013 10:45 am

06/18/2013

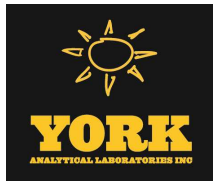
Volatile Organics, 8260 List - Low Level

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	06/21/2013 11:10	06/21/2013 19:04	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
156-59-2	cis-1,2-Dichloroethylene	3.0		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
127-18-4	Tetrachloroethylene	12		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
79-01-6	Trichloroethylene	2.1		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS



Analytical Batch Summary

Batch ID: BF30918

Preparation Method: EPA 5030B

Prepared By: EKM

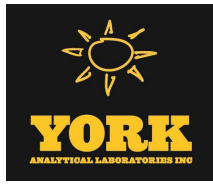
YORK Sample ID	Client Sample ID	Preparation Date
13F0589-01	WQ061713:1030FRW1	06/20/13
13F0589-02	WQ061713:1035FRW2	06/20/13
13F0589-03	WQ061713:1040FRW3	06/20/13

Batch ID: BF30984

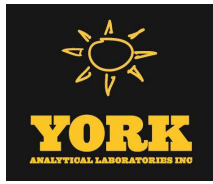
Preparation Method: EPA 5030B

Prepared By: KH

YORK Sample ID	Client Sample ID	Preparation Date
13F0589-01RE1	WQ061713:1030FRW1	06/21/13
13F0589-02RE1	WQ061713:1035FRW2	06/21/13
13F0589-03RE1	WQ061713:1040FRW3	06/21/13
13F0589-04	WQ061713:1045FRW4	06/21/13



Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13F0589-01	WQ061713:1030FRW1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0589-02	WQ061713:1035FRW2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0589-03	WQ061713:1040FRW3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0589-04	WQ061713:1045FRW4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, 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.

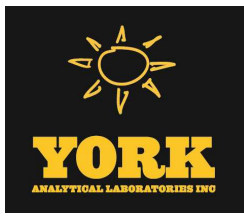
If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For 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.



Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 301

Shelton CT, 06484

Attention: Tunde Komuves-Sandor

Report Date: 06/20/2013

Client Project ID: Rowe Industries

York Project (SDG) No.: 13F0586

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 06/20/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13F0586

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 June 18, 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>
13F0586-01	GWQ061713:1100NP1-1-2	Water	06/17/2013	06/18/2013
13F0586-02	GWQ061713:1027NP1-1-3	Water	06/17/2013	06/18/2013
13F0586-03	GWQ061713:1110NP1-1-4	Water	06/17/2013	06/18/2013
13F0586-04	GWQ061713:1112NP1-1-5	Water	06/17/2013	06/18/2013
13F0586-05	GWQ061713:1120NP1-1-6	Water	06/17/2013	06/18/2013
13F0586-06	GWQ061713:1130NP1-1-7	Water	06/17/2013	06/18/2013
13F0586-07	GWQ061713:1153NP1-1-8	Water	06/17/2013	06/18/2013
13F0586-08	GWQ061713:1253NP1-1-9	Water	06/17/2013	06/18/2013

General Notes for York Project (SDG) No.: 13F0586

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: 06/20/2013

YORK



Sample Information

Client Sample ID: GWQ061713:1100NP1-1-2

York Sample ID: 13F0586-01

York Project (SDG) No.
13F0586

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
June 17, 2013 11:00 am

Date Received
06/18/2013

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	06/19/2013 12:40	06/20/2013 02:02	SS
71-55-6	1,1,1-Trichloroethane	0.28	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	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	06/19/2013 12:40	06/20/2013 02:02	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS



Sample Information

Client Sample ID: GWQ061713:1100NP1-1-2

York Sample ID: 13F0586-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0586

Rowe Industries

Water

June 17, 2013 11:00 am

06/18/2013

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	06/19/2013 12:40	06/20/2013 02:02	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
156-59-2	cis-1,2-Dichloroethylene	0.39	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
127-18-4	Tetrachloroethylene	0.68		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
79-01-6	Trichloroethylene	0.51		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS



Sample Information

Client Sample ID: GWQ061713:1100NP1-1-2

York Sample ID: 13F0586-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0586

Rowe Industries

Water

June 17, 2013 11:00 am

06/18/2013

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	108 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	123 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	92.5 %			81.2-127						

Sample Information

Client Sample ID: GWQ061713:1027NP1-1-3

York Sample ID: 13F0586-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0586

Rowe Industries

Water

June 17, 2013 10:27 am

06/18/2013

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	06/19/2013 12:40	06/20/2013 02:43	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS



Sample Information

Client Sample ID: GWQ061713:1027NP1-1-3

York Sample ID: 13F0586-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0586

Rowe Industries

Water

June 17, 2013 10:27 am

06/18/2013

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	06/19/2013 12:40	06/20/2013 02:43	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS



Sample Information

Client Sample ID: GWQ061713:1027NP1-1-3

York Sample ID: 13F0586-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0586

Rowe Industries

Water

June 17, 2013 10:27 am

06/18/2013

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	06/19/2013 12:40	06/20/2013 02:43	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	120 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	93.6 %			81.2-127						

Sample Information

Client Sample ID: GWQ061713:1110NP1-1-4

York Sample ID: 13F0586-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0586

Rowe Industries

Water

June 17, 2013 11:10 am

06/18/2013

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	06/19/2013 12:40	06/20/2013 03:24	SS
71-55-6	1,1,1-Trichloroethane	3.8		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	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	06/19/2013 12:40	06/20/2013 03:24	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
75-34-3	1,1-Dichloroethane	0.78		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS



Sample Information

Client Sample ID: GWQ061713:1110NP1-1-4

York Sample ID: 13F0586-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0586

Rowe Industries

Water

June 17, 2013 11:10 am

06/18/2013

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	06/19/2013 12:40	06/20/2013 03:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
67-66-3	Chloroform	0.25	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS



Sample Information

Client Sample ID: GWQ061713:1110NP1-1-4

York Sample ID: 13F0586-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0586

Rowe Industries

Water

June 17, 2013 11:10 am

06/18/2013

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	06/19/2013 12:40	06/20/2013 03:24	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
127-18-4	Tetrachloroethylene	0.62		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	126 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	92.4 %			81.2-127						

Sample Information

Client Sample ID: GWQ061713:1112NP1-1-5

York Sample ID: 13F0586-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0586

Rowe Industries

Water

June 17, 2013 11:12 am

06/18/2013



Sample Information

Client Sample ID: GWQ061713:1112NP1-1-5

York Sample ID: 13F0586-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0586

Rowe Industries

Water

June 17, 2013 11:12 am

06/18/2013

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	06/19/2013 12:40	06/20/2013 04:05	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	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	06/19/2013 12:40	06/20/2013 04:05	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS



Sample Information

Client Sample ID: GWQ061713:1112NP1-1-5

York Sample ID: 13F0586-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0586

Rowe Industries

Water

June 17, 2013 11:12 am

06/18/2013

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	06/19/2013 12:40	06/20/2013 04:05	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
67-66-3	Chloroform	0.99		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS



Sample Information

Client Sample ID: GWQ061713:1112NP1-1-5

York Sample ID: 13F0586-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0586

Rowe Industries

Water

June 17, 2013 11:12 am

06/18/2013

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	120 %			63.5	145					
2037-26-5	Surrogate: Toluene-d8	91.8 %			81.2	127					

Sample Information

Client Sample ID: GWQ061713:1120NP1-1-6

York Sample ID: 13F0586-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0586

Rowe Industries

Water

June 17, 2013 11:20 am

06/18/2013

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	06/19/2013 12:40	06/20/2013 04:46	SS
71-55-6	1,1,1-Trichloroethane	0.63		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
75-34-3	1,1-Dichloroethane	0.29	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS



Sample Information

Client Sample ID: GWQ061713:1120NP1-1-6

York Sample ID: 13F0586-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0586

Rowe Industries

Water

June 17, 2013 11:20 am

06/18/2013

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
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
67-66-3	Chloroform	0.28	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS



Sample Information

Client Sample ID: GWQ061713:1120NP1-1-6

York Sample ID: 13F0586-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0586

Rowe Industries

Water

June 17, 2013 11:20 am

06/18/2013

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
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
127-18-4	Tetrachloroethylene	2.1		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	119 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	93.1 %	81.2-127								

Sample Information

Client Sample ID: GWQ061713:1130NP1-1-7

York Sample ID: 13F0586-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0586

Rowe Industries

Water

June 17, 2013 11:30 am

06/18/2013

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	06/19/2013 12:40	06/20/2013 05:26	SS
71-55-6	1,1,1-Trichloroethane	0.20	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	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	06/19/2013 12:40	06/20/2013 05:26	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS



Sample Information

Client Sample ID: GWQ061713:1130NP1-1-7

York Sample ID: 13F0586-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0586

Rowe Industries

Water

June 17, 2013 11:30 am

06/18/2013

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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS



Sample Information

Client Sample ID: GWQ061713:1130NP1-1-7

York Sample ID: 13F0586-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0586

Rowe Industries

Water

June 17, 2013 11:30 am

06/18/2013

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
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
127-18-4	Tetrachloroethylene	0.73		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	121 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	92.8 %	81.2-127								

Sample Information

Client Sample ID: GWQ061713:1153NP1-1-8

York Sample ID: 13F0586-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0586

Rowe Industries

Water

June 17, 2013 11:53 am

06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GWQ061713:1153NP1-1-8

York Sample ID: 13F0586-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0586

Rowe Industries

Water

June 17, 2013 11:53 am

06/18/2013

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	06/19/2013 12:40	06/20/2013 06:08	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS



Sample Information

Client Sample ID: GWQ061713:1153NP1-1-8

York Sample ID: 13F0586-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0586

Rowe Industries

Water

June 17, 2013 11:53 am

06/18/2013

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	06/19/2013 12:40	06/20/2013 06:08	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: GWQ061713:1153NP1-1-8

York Sample ID: 13F0586-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0586

Rowe Industries

Water

June 17, 2013 11:53 am

06/18/2013

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
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	112 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	121 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	92.3 %			81.2-127						

Sample Information

Client Sample ID: GWQ061713:1253NP1-1-9

York Sample ID: 13F0586-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0586

Rowe Industries

Water

June 17, 2013 12:53 pm

06/18/2013

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	06/19/2013 12:40	06/20/2013 06:49	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS



Sample Information

Client Sample ID: GWQ061713:1253NP1-1-9

York Sample ID: 13F0586-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0586

Rowe Industries

Water

June 17, 2013 12:53 pm

06/18/2013

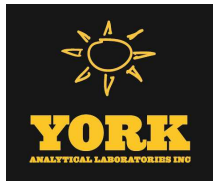
Volatile Organics, 8260 List - Low Level

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
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS



Sample Information

Client Sample ID: GWQ061713:1253NP1-1-9

York Sample ID: 13F0586-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0586

Rowe Industries

Water

June 17, 2013 12:53 pm

06/18/2013

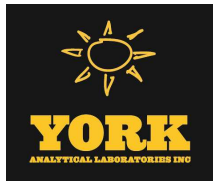
Volatile Organics, 8260 List - Low Level

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
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	126 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	92.7 %	81.2-127								



Analytical Batch Summary

Batch ID: BF30889

Preparation Method: EPA 5030B

Prepared By: EKM

YORK Sample ID	Client Sample ID	Preparation Date
13F0586-01	GWQ061713:1100NP1-1-2	06/19/13
13F0586-02	GWQ061713:1027NP1-1-3	06/19/13
13F0586-03	GWQ061713:1110NP1-1-4	06/19/13
13F0586-04	GWQ061713:1112NP1-1-5	06/19/13
13F0586-05	GWQ061713:1120NP1-1-6	06/19/13
13F0586-06	GWQ061713:1130NP1-1-7	06/19/13
13F0586-07	GWQ061713:1153NP1-1-8	06/19/13
13F0586-08	GWQ061713:1253NP1-1-9	06/19/13
BF30889-BLK1	Blank	06/19/13
BF30889-BS1	LCS	06/19/13
BF30889-BSD1	LCS Dup	06/19/13



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 BF30889 - EPA 5030B

Blank (BF30889-BLK1)

Prepared: 06/19/2013 Analyzed: 06/20/2013

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	0.23	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	1.1	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 BF30889 - EPA 5030B

Blank (BF30889-BLK1)

Prepared: 06/19/2013 Analyzed: 06/20/2013

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>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>		<i>72.6-129</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>12.2</i>		<i>"</i>	<i>10.0</i>		<i>122</i>		<i>63.5-145</i>			
<i>Surrogate: Toluene-d8</i>	<i>9.47</i>		<i>"</i>	<i>10.0</i>		<i>94.7</i>		<i>81.2-127</i>			

LCS (BF30889-BS1)

Prepared & Analyzed: 06/19/2013

1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109		82.3-130			
1,1,1-Trichloroethane	11.8		"	10.0		118		75.6-137			
1,1,2,2-Tetrachloroethane	9.21		"	10.0		92.1		71.3-131			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.94		"	10.0		89.4		71.1-129			
1,1,2-Trichloroethane	8.54		"	10.0		85.4		74.5-129			
1,1-Dichloroethane	8.93		"	10.0		89.3		79.6-132			
1,1-Dichloroethylene	8.27		"	10.0		82.7		80.2-146			
1,1-Dichloropropylene	10.1		"	10.0		101		75-136			
1,2,3-Trichlorobenzene	11.0		"	10.0		110		66.1-136			
1,2,3-Trichloropropane	9.53		"	10.0		95.3		63-131			
1,2,4-Trichlorobenzene	10.8		"	10.0		108		70.6-136			
1,2,4-Trimethylbenzene	9.32		"	10.0		93.2		75.3-135			
1,2-Dibromo-3-chloropropane	8.91		"	10.0		89.1		58.9-140			
1,2-Dibromoethane	9.84		"	10.0		98.4		79-130			
1,2-Dichlorobenzene	9.80		"	10.0		98.0		76.1-122			
1,2-Dichloroethane	9.85		"	10.0		98.5		74.6-132			
1,2-Dichloropropane	8.95		"	10.0		89.5		76.9-129			
1,3,5-Trimethylbenzene	9.16		"	10.0		91.6		70.6-127			
1,3-Dichlorobenzene	10.3		"	10.0		103		77-124			
1,3-Dichloropropane	8.97		"	10.0		89.7		75.8-126			
1,4-Dichlorobenzene	10.0		"	10.0		100		76.6-125			
2,2-Dichloropropane	10.1		"	10.0		101		69-133			
2-Chlorotoluene	9.42		"	10.0		94.2		66.3-119			
2-Hexanone	9.05		"	10.0		90.5		70-130			
4-Chlorotoluene	9.10		"	10.0		91.0		69.2-127			
Acetone	6.94		"	10.0		69.4		70-130	Low Bias		
Benzene	10.6		"	10.0		106		76.2-129			
Bromobenzene	9.61		"	10.0		96.1		71.3-123			
Bromochloromethane	9.71		"	10.0		97.1		70.8-137			
Bromodichloromethane	10.0		"	10.0		100		79.7-134			
Bromoform	12.6		"	10.0		126		70.5-141			
Bromomethane	8.27		"	10.0		82.7		43.9-147			
Carbon tetrachloride	12.5		"	10.0		125		78.1-138			
Chlorobenzene	9.71		"	10.0		97.1		80.4-125			



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 BF30889 - EPA 5030B

LCS (BF30889-BS1)

Prepared & Analyzed: 06/19/2013

Chloroethane	8.87		ug/L	10.0		88.7	55.8-140				
Chloroform	10.5		"	10.0		105	76.6-133				
Chloromethane	9.44		"	10.0		94.4	48.8-115				
cis-1,2-Dichloroethylene	10.3		"	10.0		103	75.1-128				
cis-1,3-Dichloropropylene	10.3		"	10.0		103	74.5-128				
Dibromochloromethane	11.7		"	10.0		117	79.8-134				
Dibromomethane	8.91		"	10.0		89.1	79-130				
Dichlorodifluoromethane	12.5		"	10.0		125	47.1-101	High Bias			
Ethyl Benzene	9.80		"	10.0		98.0	80.8-128				
Hexachlorobutadiene	12.3		"	10.0		123	64.8-128				
Isopropylbenzene	10.3		"	10.0		103	75.5-135				
Methyl tert-butyl ether (MTBE)	8.70		"	10.0		87.0	65.1-140				
Methylene chloride	6.24		"	10.0		62.4	61.3-120				
Naphthalene	10.6		"	10.0		106	62.3-148				
n-Butylbenzene	9.00		"	10.0		90.0	67.2-123				
n-Propylbenzene	9.67		"	10.0		96.7	70.5-127				
o-Xylene	9.20		"	10.0		92.0	75.9-122				
p- & m- Xylenes	19.5		"	20.0		97.3	77.7-127				
p-Isopropyltoluene	10.5		"	10.0		105	75.6-129				
sec-Butylbenzene	9.69		"	10.0		96.9	71.5-125				
Styrene	9.79		"	10.0		97.9	77.8-123				
tert-Butylbenzene	10.1		"	10.0		101	75.9-151				
Tetrachloroethylene	10.7		"	10.0		107	63.6-167				
Toluene	9.47		"	10.0		94.7	77-123				
trans-1,2-Dichloroethylene	8.10		"	10.0		81.0	76.3-139				
trans-1,3-Dichloropropylene	9.96		"	10.0		99.6	72.5-137				
Trichloroethylene	10.0		"	10.0		100	77.9-130				
Trichlorofluoromethane	9.96		"	10.0		99.6	57.4-133				
Vinyl Chloride	9.13		"	10.0		91.3	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	9.90		"	10.0		99.0	72.6-129				
Surrogate: p-Bromofluorobenzene	11.4		"	10.0		114	63.5-145				
Surrogate: Toluene-d8	9.40		"	10.0		94.0	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
Batch BF30889 - EPA 5030B											
LCS Dup (BF30889-BSD1)											
Prepared & Analyzed: 06/19/2013											
1,1,1,2-Tetrachloroethane	11.2		ug/L	10.0		112	82.3-130		2.44	21.1	
1,1,1-Trichloroethane	11.6		"	10.0		116	75.6-137		2.14	19.7	
1,1,2,2-Tetrachloroethane	9.44		"	10.0		94.4	71.3-131		2.47	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.03		"	10.0		90.3	71.1-129		1.00	21.7	
1,1,2-Trichloroethane	9.19		"	10.0		91.9	74.5-129		7.33	20.3	
1,1-Dichloroethane	8.79		"	10.0		87.9	79.6-132		1.58	20.6	
1,1-Dichloroethylene	8.10		"	10.0		81.0	80.2-146		2.08	20	
1,1-Dichloropropylene	9.82		"	10.0		98.2	75-136		2.71	19.3	
1,2,3-Trichlorobenzene	11.1		"	10.0		111	66.1-136		0.811	21.6	
1,2,3-Trichloropropane	9.71		"	10.0		97.1	63-131		1.87	23.9	
1,2,4-Trichlorobenzene	10.9		"	10.0		109	70.6-136		0.832	21.7	
1,2,4-Trimethylbenzene	9.32		"	10.0		93.2	75.3-135		0.00	18.8	
1,2-Dibromo-3-chloropropane	13.0		"	10.0		130	58.9-140		37.6	27.7	Non-dir.
1,2-Dibromoethane	10.8		"	10.0		108	79-130		9.39	23	
1,2-Dichlorobenzene	9.65		"	10.0		96.5	76.1-122		1.54	19.8	
1,2-Dichloroethane	10.1		"	10.0		101	74.6-132		2.70	20.2	
1,2-Dichloropropane	9.11		"	10.0		91.1	76.9-129		1.77	20.7	
1,3,5-Trimethylbenzene	9.22		"	10.0		92.2	70.6-127		0.653	18.9	
1,3-Dichlorobenzene	10.0		"	10.0		100	77-124		2.65	19.2	
1,3-Dichloropropane	9.53		"	10.0		95.3	75.8-126		6.05	22.1	
1,4-Dichlorobenzene	9.89		"	10.0		98.9	76.6-125		1.21	18.6	
2,2-Dichloropropane	9.66		"	10.0		96.6	69-133		4.55	19.8	
2-Chlorotoluene	8.99		"	10.0		89.9	66.3-119		4.67	21.6	
2-Hexanone	9.98		"	10.0		99.8	70-130		9.77	30	
4-Chlorotoluene	9.14		"	10.0		91.4	69.2-127		0.439	19	
Acetone	7.13		"	10.0		71.3	70-130		2.70	30	
Benzene	10.4		"	10.0		104	76.2-129		1.53	19	
Bromobenzene	9.22		"	10.0		92.2	71.3-123		4.14	20.3	
Bromochloromethane	9.87		"	10.0		98.7	70.8-137		1.63	23.9	
Bromodichloromethane	10.1		"	10.0		101	79.7-134		0.794	21	
Bromoform	13.3		"	10.0		133	70.5-141		5.63	21.8	
Bromomethane	8.38		"	10.0		83.8	43.9-147		1.32	28.4	
Carbon tetrachloride	12.4		"	10.0		124	78.1-138		0.884	20.1	
Chlorobenzene	9.63		"	10.0		96.3	80.4-125		0.827	19.9	
Chloroethane	8.84		"	10.0		88.4	55.8-140		0.339	23.3	
Chloroform	10.6		"	10.0		106	76.6-133		1.05	20.3	
Chloromethane	9.04		"	10.0		90.4	48.8-115		4.33	24.5	
cis-1,2-Dichloroethylene	10.1		"	10.0		101	75.1-128		2.16	20.5	
cis-1,3-Dichloropropylene	10.4		"	10.0		104	74.5-128		0.772	19.9	
Dibromochloromethane	12.3		"	10.0		123	79.8-134		4.93	21.3	
Dibromomethane	9.30		"	10.0		93.0	79-130		4.28	22.4	
Dichlorodifluoromethane	12.1		"	10.0		121	47.1-101	High Bias	3.17	23.9	
Ethyl Benzene	9.82		"	10.0		98.2	80.8-128		0.204	19.2	
Hexachlorobutadiene	11.2		"	10.0		112	64.8-128		8.92	20.6	
Isopropylbenzene	9.74		"	10.0		97.4	75.5-135		5.49	20	
Methyl tert-butyl ether (MTBE)	9.42		"	10.0		94.2	65.1-140		7.95	23.6	
Methylene chloride	6.31		"	10.0		63.1	61.3-120		1.12	20.4	
Naphthalene	10.9		"	10.0		109	62.3-148		3.07	27.1	
n-Butylbenzene	8.56		"	10.0		85.6	67.2-123		5.01	19.1	
n-Propylbenzene	9.19		"	10.0		91.9	70.5-127		5.09	23.4	
o-Xylene	9.20		"	10.0		92.0	75.9-122		0.00	19.3	



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 BF30889 - EPA 5030B

LCS Dup (BF30889-BSD1)

Prepared & Analyzed: 06/19/2013

p- & m- Xylenes	19.3		ug/L	20.0		96.6	77.7-127		0.722	18.6	
p-Isopropyltoluene	9.93		"	10.0		99.3	75.6-129		5.20	19.1	
sec-Butylbenzene	9.67		"	10.0		96.7	71.5-125		0.207	18.9	
Styrene	9.90		"	10.0		99.0	77.8-123		1.12	20.9	
tert-Butylbenzene	10.1		"	10.0		101	75.9-151		0.495	20.9	
Tetrachloroethylene	10.6		"	10.0		106	63.6-167		0.936	27.7	
Toluene	9.24		"	10.0		92.4	77-123		2.46	18.7	
trans-1,2-Dichloroethylene	7.87		"	10.0		78.7	76.3-139		2.88	19.5	
trans-1,3-Dichloropropylene	10.5		"	10.0		105	72.5-137		5.18	19.3	
Trichloroethylene	9.92		"	10.0		99.2	77.9-130		1.30	20.5	
Trichlorofluoromethane	9.55		"	10.0		95.5	57.4-133		4.20	21.4	
Vinyl Chloride	8.76		"	10.0		87.6	54.9-124		4.14	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>11.2</i>		<i>"</i>	<i>10.0</i>		<i>112</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.41</i>		<i>"</i>	<i>10.0</i>		<i>94.1</i>	<i>81.2-127</i>				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13F0586-01	GWQ061713:1100NP1-1-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0586-02	GWQ061713:1027NP1-1-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0586-03	GWQ061713:1110NP1-1-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0586-04	GWQ061713:1112NP1-1-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0586-05	GWQ061713:1120NP1-1-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0586-06	GWQ061713:1130NP1-1-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0586-07	GWQ061713:1153NP1-1-8	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0586-08	GWQ061713:1253NP1-1-9	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

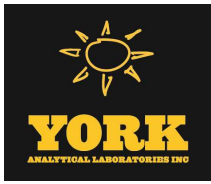
Notes and Definitions

- 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.
- J** Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, 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 unless superseded by written contract.

Client Information		Report to:		Invoice To:		Client Project ID		Turn-Around Time		Report Type/Deliverables	
Company: <u>LBG</u>	<input type="checkbox"/> SAME	<input type="checkbox"/> SAME	Name: <u>Tunde Sandor</u>		Name: <u>Mark Goldberg</u>		RUSH Same Day		Summary		x, pdf
Address: <u>4 Research Drive,</u>			Company: <u>Same</u>		Company: <u>Same</u>		RUSH Next Day		QA/QC Summary		x, pdf
Phone no.: <u>203-929-8555</u>			Address: <u> </u>		Address: <u> </u>		RUSH Two Day		CT RCP Pkg		
Contact Person: <u>Tunde Sandor</u>			E-mail: <u> </u>		E-mail: <u> </u>		RUSH Three Day		ASP A Pkg		
E-mail Addr.: <u>tsandor@lbgct.com</u>			Fax No.: <u> </u>		Fax No.: <u> </u>		RUSH Four Day		ASP B Pkg		x, pdf
FAX No.: <u>203-926-9140</u>							Standard (5-7 days)		Excel		
								OTHER		EDD	
										X, Excel	

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.)
W/W - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Samples Collected/Authorized By (Signature)
Stephen Hakt
Name (printed)
Stephen Hakt

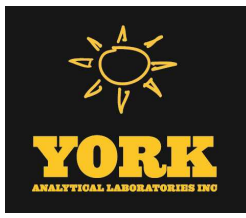
Volatiles	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters	Special Instructions
8260 full TICs Site Spec. SP/Per/TCLP Benzene Acids Only PAH Nassau Co. Suffolk Co. TAGM Ketones Oxyarates TCLP list Arom. 524.2 App. IX SP/Per/TCLP 8021B list	RCRA8 PP13 TAL CT15 Total Dissolved SP/Per/TCLP TCLP list TICs Chlordane Sec. TL, Sb, Cu Methane Asbestos Silica	TPH GRO TPH DRO CT ETPH NY 310-13 TPH 418.1 Air TO14A Air TO15 Air STARS Inhalable Fig. Pb, As, Cd Air VPH Air TICs Sec. TL, Sb, Cu Methane Asbestos Silica	Phi. Poll. TCL Oegnts TAL M&CN Full TCLP Full App. IX Part 360 Metals Part 360 Pesticides Part 360 PCBs NYCDEP Sewer NYSDDECSewer TAGM	Nitrate Nitrite TKN Total Nitrogen Ammonia-N Chloride Phosphate Tot. Phos. COD TSS Oil & Grease F.O.G. pH TDS TPH-IR	Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>

Choose Analyses Needed from the Menu Above and Enter Below

Sample Identification	Date Sampled	Sample Matrix	Analysis
<u>6WQ061713:110NPF1-1-2</u>	<u>6/17/13</u>	<u>GW</u>	<u>VOC 8260 full list (EPA SW846-8260B)</u>
<u>6WQ061713:1027NPF1-1-3</u>	<u>1027</u>	<u>GW</u>	<u>VOC 8260 full list (EPA SW846-8260B)</u>
<u>6WQ061713:1110NPF1-1-4</u>	<u>1110</u>	<u>GW</u>	<u>VOC 8260 full list (EPA SW846-8260B)</u>
<u>6WQ061713:1112NPF1-1-5</u>	<u>1112</u>	<u>GW</u>	<u>VOC 8260 full list (EPA SW846-8260B)</u>
<u>6WQ061713:1120NPF1-1-6</u>	<u>1120</u>	<u>GW</u>	<u>VOC 8260 full list (EPA SW846-8260B)</u>
<u>6WQ061713:1130NPF1-1-7</u>	<u>1130</u>	<u>GW</u>	<u>VOC 8260 full list (EPA SW846-8260B)</u>
<u>6WQ061713:1150NPF1-1-8</u>	<u>1150</u>	<u>GW</u>	<u>VOC 8260 full list (EPA SW846-8260B)</u>
<u>6WQ061713:1250NPF1-1-9</u>	<u>1250</u>	<u>GW</u>	<u>VOC 8260 full list (EPA SW846-8260B)</u>

Comments	Preservation "X" those applicable	Cool 4°C	HNO3	H2SO4	NaOH	None	Freezen	Temperature on Receipt
								<u>37°C</u>
		Samples Relinquished By <u>Doreen Vero</u>		Samples Received By <u>Proa</u>		Date/Time <u>6/18/13 1550</u>		
		Date/Time <u>6/18/13 12:30</u>		Date/Time <u>6-18-13 1550</u>		Date/Time		
		Date/Time		Date/Time		Date/Time		

APPENDIX III
JUNE 2013 LABORATORY ANALYTICAL REPORTS
FOR AIR SAMPLES



Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 301

Shelton CT, 06484

Attention: Tunde Komuves-Sandor

Report Date: 07/05/2013

Client Project ID: Rowe Industries

York Project (SDG) No.: 13F0942

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 07/05/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13F0942

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 June 27, 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>
13F0942-01	AQ062513:1130NP4-1	Vapor Extraction	06/25/2013	06/27/2013
13F0942-02	AQ062513:1135NP4-2	Vapor Extraction	06/25/2013	06/27/2013
13F0942-03	AQ062513:1140NP4-3	Vapor Extraction	06/25/2013	06/27/2013

General Notes for York Project (SDG) No.: 13F0942

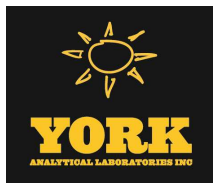
1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
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  ples submitted on the attached chain-of-custody form(s) received by York.

Approved By:

Benjamin Gulizia
Laboratory Director

Date: 07/05/2013

YORK



Sample Information

Client Sample ID: AQ062513:1130NP4-1

York Sample ID: 13F0942-01

York Project (SDG) No.
13F0942

Client Project ID
Rowe Industries

Matrix
Vapor Extraction

Collection Date/Time
June 25, 2013 11:30 am

Date Received
06/27/2013

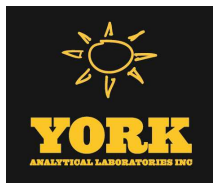
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m ³	0.45	0.45	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
108-05-4	Vinyl acetate	ND		ug/m ³	0.62	0.62	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
79-01-6	Trichloroethylene	ND		ug/m ³	0.48	0.48	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.81	0.81	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.70	0.70	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
108-88-3	Toluene	1.1		ug/m ³	0.67	0.67	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
109-99-9	Tetrahydrofuran	ND		ug/m ³	0.52	0.52	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
127-18-4	Tetrachloroethylene	15		ug/m ³	1.2	1.2	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
100-42-5	Styrene	ND		ug/m ³	0.76	0.76	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
115-07-01	Propylene	ND		ug/m ³	0.31	0.31	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
622-96-8	p-Ethyltoluene	ND		ug/m ³	4.4	4.4	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
179601-23-1	p- & m- Xylenes	ND		ug/m ³	1.5	1.5	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
95-47-6	o-Xylene	ND		ug/m ³	0.77	0.77	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
110-54-3	n-Hexane	ND		ug/m ³	0.63	0.63	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
142-82-5	n-Heptane	ND		ug/m ³	0.73	0.73	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
75-09-2	Methylene chloride	1.1	B	ug/m ³	0.62	0.62	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.64	0.64	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.73	0.73	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
67-63-0	Isopropanol	ND		ug/m ³	0.44	0.44	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.9	1.9	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
100-41-4	Ethyl Benzene	ND		ug/m ³	0.77	0.77	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
141-78-6	Ethyl acetate	ND		ug/m ³	0.64	0.64	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
110-82-7	Cyclohexane	ND		ug/m ³	0.61	0.61	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.81	0.81	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
156-59-2	cis-1,2-Dichloroethylene	0.98		ug/m ³	0.70	0.70	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
74-87-3	Chloromethane	1.6		ug/m ³	0.37	0.37	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
67-66-3	Chloroform	ND		ug/m ³	0.87	0.87	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
75-00-3	Chloroethane	ND		ug/m ³	0.47	0.47	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.56	0.56	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
75-15-0	Carbon disulfide	ND		ug/m ³	0.55	0.55	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
74-83-9	Bromomethane	ND		ug/m ³	0.69	0.69	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
75-25-2	Bromoform	ND		ug/m ³	1.8	1.8	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD



Sample Information

Client Sample ID: AQ062513:1130NP4-1

York Sample ID: 13F0942-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0942

Rowe Industries

Vapor Extraction

June 25, 2013 11:30 am

06/27/2013

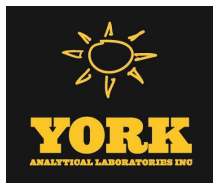
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/m ³	1.1	1.1	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
100-44-7	Benzyl chloride	ND		ug/m ³	0.92	0.92	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
71-43-2	Benzene	0.91		ug/m ³	0.57	0.57	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
67-64-1	Acetone	9.9		ug/m ³	0.42	0.42	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
591-78-6	2-Hexanone	ND		ug/m ³	0.73	0.73	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
78-93-3	2-Butanone	2.7		ug/m ³	0.52	0.52	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
123-91-1	1,4-Dioxane	ND		ug/m ³	0.64	0.64	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.1	1.1	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.1	1.1	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
106-99-0	1,3-Butadiene	ND		ug/m ³	0.77	0.77	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.87	0.87	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.2	1.2	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.82	0.82	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.72	0.72	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.1	1.1	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.87	0.87	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.3	1.3	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.70	0.70	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.72	0.72	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
75-69-4	Trichlorofluoromethane (Freon 11)	1.4		ug/m ³	1.0	1.0	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.97	0.97	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.4	1.4	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.2	1.2	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.97	0.97	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
75-71-8	Dichlorodifluoromethane	2.6		ug/m ³	0.88	0.88	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.4	1.4	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
124-48-1	Dibromochloromethane	ND		ug/m ³	1.4	1.4	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.73	0.73	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
108-90-7	Chlorobenzene	ND		ug/m ³	0.82	0.82	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
	Surrogate Recoveries	Result		Acceptance Range							
460-00-4	Surrogate: <i>p</i> -Bromofluorobenzene	92.9 %		70-130							



Sample Information

Client Sample ID: AQ062513:1135NP4-2

York Sample ID: 13F0942-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0942

Rowe Industries

Vapor Extraction

June 25, 2013 11:35 am

06/27/2013

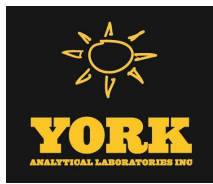
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m ³	0.48	0.48	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
108-05-4	Vinyl acetate	ND		ug/m ³	0.67	0.67	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
79-01-6	Trichloroethylene	3.6		ug/m ³	0.51	0.51	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.86	0.86	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.75	0.75	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
108-88-3	Toluene	ND		ug/m ³	0.71	0.71	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
109-99-9	Tetrahydrofuran	ND		ug/m ³	0.56	0.56	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
127-18-4	Tetrachloroethylene	83		ug/m ³	1.3	1.3	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
100-42-5	Styrene	ND		ug/m ³	0.81	0.81	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
115-07-01	Propylene	ND		ug/m ³	0.33	0.33	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
622-96-8	p-Ethyltoluene	ND		ug/m ³	4.6	4.6	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
179601-23-1	p- & m- Xylenes	ND		ug/m ³	1.6	1.6	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
95-47-6	o-Xylene	ND		ug/m ³	0.82	0.82	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
110-54-3	n-Hexane	ND		ug/m ³	0.67	0.67	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
142-82-5	n-Heptane	ND		ug/m ³	0.78	0.78	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
75-09-2	Methylene chloride	1.2	B	ug/m ³	0.66	0.66	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.68	0.68	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.77	0.77	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
67-63-0	Isopropanol	ND		ug/m ³	0.46	0.46	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	2.0	2.0	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
100-41-4	Ethyl Benzene	ND		ug/m ³	0.82	0.82	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
141-78-6	Ethyl acetate	ND		ug/m ³	0.68	0.68	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
110-82-7	Cyclohexane	ND		ug/m ³	0.65	0.65	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.86	0.86	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
156-59-2	cis-1,2-Dichloroethylene	1.3		ug/m ³	0.75	0.75	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
74-87-3	Chloromethane	2.2		ug/m ³	0.39	0.39	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
67-66-3	Chloroform	1.9		ug/m ³	0.92	0.92	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
75-00-3	Chloroethane	ND		ug/m ³	0.50	0.50	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.60	0.60	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
75-15-0	Carbon disulfide	ND		ug/m ³	0.59	0.59	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
74-83-9	Bromomethane	ND		ug/m ³	0.73	0.73	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
75-25-2	Bromoform	ND		ug/m ³	2.0	2.0	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
75-27-4	Bromodichloromethane	ND		ug/m ³	1.2	1.2	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD



Sample Information

Client Sample ID: AQ062513:1135NP4-2

York Sample ID: 13F0942-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0942

Rowe Industries

Vapor Extraction

June 25, 2013 11:35 am

06/27/2013

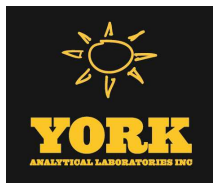
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-44-7	Benzyl chloride	ND		ug/m ³	0.98	0.98	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
71-43-2	Benzene	1.1		ug/m ³	0.60	0.60	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
67-64-1	Acetone	6.8		ug/m ³	0.45	0.45	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
591-78-6	2-Hexanone	ND		ug/m ³	0.77	0.77	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
78-93-3	2-Butanone	2.3		ug/m ³	0.56	0.56	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
123-91-1	1,4-Dioxane	ND		ug/m ³	0.68	0.68	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.1	1.1	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.1	1.1	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
106-99-0	1,3-Butadiene	ND		ug/m ³	0.82	0.82	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.93	0.93	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.3	1.3	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.87	0.87	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.77	0.77	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.1	1.1	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.93	0.93	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.4	1.4	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.75	0.75	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
75-34-3	1,1-Dichloroethane	2.5		ug/m ³	0.77	0.77	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
75-69-4	Trichlorofluoromethane (Freon 11)	1.8		ug/m ³	1.1	1.1	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	1.0	1.0	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.4	1.4	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.3	1.3	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
71-55-6	1,1,1-Trichloroethane	7.6		ug/m ³	1.0	1.0	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
75-71-8	Dichlorodifluoromethane	2.8		ug/m ³	0.94	0.94	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.5	1.5	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
124-48-1	Dibromochloromethane	ND		ug/m ³	1.5	1.5	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.77	0.77	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
108-90-7	Chlorobenzene	ND		ug/m ³	0.87	0.87	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
	Surrogate Recoveries	Result		Acceptance Range							
460-00-4	Surrogate: <i>p</i> -Bromofluorobenzene	97.1 %		70-130							



Sample Information

Client Sample ID: AQ062513:1140NP4-3

York Sample ID: 13F0942-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0942

Rowe Industries

Vapor Extraction

June 25, 2013 11:40 am

06/27/2013

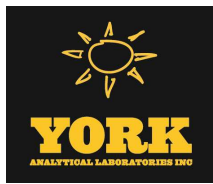
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m ³	0.48	0.48	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
108-05-4	Vinyl acetate	ND		ug/m ³	0.66	0.66	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
79-01-6	Trichloroethylene	ND		ug/m ³	0.50	0.50	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.85	0.85	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.74	0.74	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
108-88-3	Toluene	ND		ug/m ³	0.70	0.70	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
109-99-9	Tetrahydrofuran	ND		ug/m ³	0.55	0.55	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
127-18-4	Tetrachloroethylene	1.4		ug/m ³	1.3	1.3	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
100-42-5	Styrene	ND		ug/m ³	0.80	0.80	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
115-07-01	Propylene	ND		ug/m ³	0.32	0.32	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
622-96-8	p-Ethyltoluene	ND		ug/m ³	4.6	4.6	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
179601-23-1	p- & m- Xylenes	ND		ug/m ³	1.6	1.6	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
95-47-6	o-Xylene	ND		ug/m ³	0.81	0.81	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
110-54-3	n-Hexane	ND		ug/m ³	0.66	0.66	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
142-82-5	n-Heptane	ND		ug/m ³	0.77	0.77	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
75-09-2	Methylene chloride	1.0	B	ug/m ³	0.65	0.65	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.67	0.67	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.77	0.77	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
67-63-0	Isopropanol	13		ug/m ³	0.46	0.46	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	2.0	2.0	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
100-41-4	Ethyl Benzene	ND		ug/m ³	0.81	0.81	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
141-78-6	Ethyl acetate	ND		ug/m ³	0.67	0.67	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
110-82-7	Cyclohexane	ND		ug/m ³	0.64	0.64	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.85	0.85	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
156-59-2	cis-1,2-Dichloroethylene	1.3		ug/m ³	0.74	0.74	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
74-87-3	Chloromethane	1.5		ug/m ³	0.39	0.39	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
67-66-3	Chloroform	1.8		ug/m ³	0.91	0.91	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
75-00-3	Chloroethane	ND		ug/m ³	0.49	0.49	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.59	0.59	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
75-15-0	Carbon disulfide	ND		ug/m ³	0.58	0.58	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
74-83-9	Bromomethane	ND		ug/m ³	0.73	0.73	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
75-25-2	Bromoform	ND		ug/m ³	1.9	1.9	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
75-27-4	Bromodichloromethane	ND		ug/m ³	1.2	1.2	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD



Sample Information

Client Sample ID: AQ062513:1140NP4-3

York Sample ID: 13F0942-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0942

Rowe Industries

Vapor Extraction

June 25, 2013 11:40 am

06/27/2013

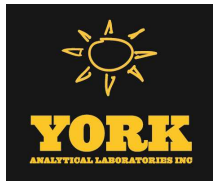
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-44-7	Benzyl chloride	ND		ug/m ³	0.97	0.97	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
71-43-2	Benzene	ND		ug/m ³	0.60	0.60	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
67-64-1	Acetone	8.9		ug/m ³	0.44	0.44	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
591-78-6	2-Hexanone	ND		ug/m ³	0.77	0.77	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
78-93-3	2-Butanone	1.9		ug/m ³	0.55	0.55	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
123-91-1	1,4-Dioxane	ND		ug/m ³	0.67	0.67	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.1	1.1	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.1	1.1	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
106-99-0	1,3-Butadiene	ND		ug/m ³	0.81	0.81	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.92	0.92	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.3	1.3	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.86	0.86	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.76	0.76	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.1	1.1	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.92	0.92	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.4	1.4	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.74	0.74	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
75-34-3	1,1-Dichloroethane	1.6		ug/m ³	0.76	0.76	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
75-69-4	Trichlorofluoromethane (Freon 11)	1.3		ug/m ³	1.1	1.1	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	1.0	1.0	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.4	1.4	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.3	1.3	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
71-55-6	1,1,1-Trichloroethane	5.9		ug/m ³	1.0	1.0	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
75-71-8	Dichlorodifluoromethane	3.5		ug/m ³	0.92	0.92	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.4	1.4	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
124-48-1	Dibromochloromethane	ND		ug/m ³	1.5	1.5	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.76	0.76	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
108-90-7	Chlorobenzene	ND		ug/m ³	0.86	0.86	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
	Surrogate Recoveries	Result		Acceptance Range							
460-00-4	Surrogate: <i>p</i> -Bromofluorobenzene	97.7 %		70-130							



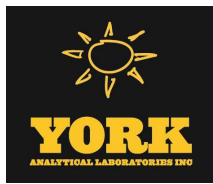
Analytical Batch Summary

Batch ID: BF31536

Preparation Method: EPA TO15 PREP

Prepared By: TD

YORK Sample ID	Client Sample ID	Preparation Date
13F0942-01	AQ062513:1130NP4-1	06/28/13
13F0942-02	AQ062513:1135NP4-2	06/28/13
13F0942-03	AQ062513:1140NP4-3	06/28/13
BF31536-BLK1	Blank	06/28/13
BF31536-BS1	LCS	06/28/13
BF31536-DUP1	Duplicate	06/28/13



Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

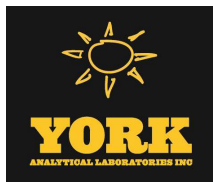
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF31536 - EPA TO15 PREP

Blank (BF31536-BLK1)

Prepared & Analyzed: 06/28/2013

Vinyl Chloride	ND	0.26	ug/m ³								
Vinyl acetate	ND	0.36	"								
Trichloroethylene	ND	0.27	"								
trans-1,3-Dichloropropylene	ND	0.46	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
Toluene	ND	0.38	"								
Tetrahydrofuran	ND	0.30	"								
Tetrachloroethylene	ND	0.69	"								
Styrene	ND	0.43	"								
Propylene	ND	0.18	"								
p-Ethyltoluene	ND	2.5	"								
p- & m- Xylenes	ND	0.88	"								
o-Xylene	ND	0.44	"								
n-Hexane	ND	0.36	"								
n-Heptane	ND	0.42	"								
Methylene chloride	0.39	0.35	"								
Methyl tert-butyl ether (MTBE)	ND	0.37	"								
4-Methyl-2-pentanone	ND	0.42	"								
Isopropanol	ND	0.25	"								
Hexachlorobutadiene	ND	1.1	"								
Ethyl Benzene	ND	0.44	"								
Ethyl acetate	ND	0.37	"								
Cyclohexane	ND	0.35	"								
cis-1,3-Dichloropropylene	ND	0.46	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
Chloromethane	ND	0.21	"								
Chloroform	ND	0.50	"								
Chloroethane	ND	0.27	"								
Carbon tetrachloride	ND	0.32	"								
Carbon disulfide	ND	0.32	"								
Bromomethane	ND	0.39	"								
Bromoform	ND	1.1	"								
Bromodichloromethane	ND	0.63	"								
Benzyl chloride	ND	0.53	"								
Benzene	ND	0.32	"								
Acetone	ND	0.24	"								
2-Hexanone	ND	0.42	"								
2-Butanone	ND	0.30	"								
1,4-Dioxane	ND	0.37	"								
1,4-Dichlorobenzene	ND	0.61	"								
1,3-Dichlorobenzene	ND	0.61	"								
1,3-Butadiene	ND	0.44	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,2-Dichlorotetrafluoroethane	ND	0.71	"								
1,2-Dichloropropane	ND	0.47	"								
1,2-Dichloroethane	ND	0.41	"								
1,2-Dichlorobenzene	ND	0.61	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.75	"								
1,1-Dichloroethylene	ND	0.40	"								
1,1-Dichloroethane	ND	0.41	"								



Volatile Organic Compounds by EPA Compendium TO14A/TO15 - 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 BF31536 - EPA TO15 PREP

Blank (BF31536-BLK1)

Prepared & Analyzed: 06/28/2013

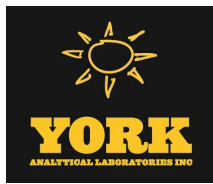
Trichlorofluoromethane (Freon 11)	ND	0.57	ug/m ³								
1,1,2-Trichloroethane	ND	0.55	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.78	"								
1,1,2,2-Tetrachloroethane	ND	0.70	"								
1,1,1-Trichloroethane	ND	0.55	"								
Dichlorodifluoromethane	ND	0.50	"								
1,2-Dibromoethane	ND	0.78	"								
Dibromochloromethane	ND	0.82	"								
Methyl Methacrylate	ND	0.42	"								
Chlorobenzene	ND	0.47	"								

<i>Surrogate: p-Bromofluorobenzene</i>	7.85		ppbv	10.0		78.5	70-130				
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LCS (BF31536-BS1)

Prepared & Analyzed: 06/28/2013

Vinyl Chloride	10.0		ppbv	10.5		95.4	70-130				
Vinyl acetate	8.58		"	10.4		82.5	58.1-135				
Trichloroethylene	9.25		"	10.6		87.3	70-130				
trans-1,3-Dichloropropylene	11.2		"	11.5		97.0	62-135				
trans-1,2-Dichloroethylene	9.33		"	10.3		90.6	58.3-130				
Toluene	11.9		"	11.0		108	64.9-126				
Tetrahydrofuran	11.1		"	10.8		103	44.6-146				
Tetrachloroethylene	14.3		"	10.8		132	70-130	High Bias			
Styrene	9.61		"	10.9		88.2	66.4-132				
Propylene	13.5		"	11.5		118	62.4-150				
p-Ethyltoluene	10.2		"	10.4		98.4	73.8-146				
p- & m- Xylenes	21.8		"	21.8		99.9	56.6-136				
o-Xylene	10.7		"	11.0		97.2	67.8-133				
n-Hexane	11.1		"	10.9		102	59.7-130				
n-Heptane	11.9		"	10.9		109	62.3-134				
Methylene chloride	7.87		"	9.70		81.1	62.6-130				
Methyl tert-butyl ether (MTBE)	6.81		"	10.3		66.1	60.7-139				
4-Methyl-2-pentanone	11.1		"	10.6		105	64.5-158				
Isopropanol	11.1		"	10.9		102	60-150				
Hexachlorobutadiene	13.0		"	10.2		127	61.2-150				
Ethyl Benzene	11.1		"	11.0		101	68.4-125				
Ethyl acetate	11.6		"	11.0		105	40.6-150				
Cyclohexane	10.9		"	10.8		101	60.4-127				
cis-1,3-Dichloropropylene	10.9		"	10.9		99.6	65.5-129				
cis-1,2-Dichloroethylene	9.60		"	10.8		88.9	51.3-118				
Chloromethane	9.01		"	10.3		87.5	64.9-130				
Chloroform	9.72		"	11.0		88.4	65.1-130				
Chloroethane	9.70		"	10.3		94.2	52.1-131				
Carbon tetrachloride	8.23		"	10.5		78.4	70-130				
Carbon disulfide	9.95		"	10.5		94.8	61.8-111				
Bromomethane	9.23		"	10.5		87.9	60.1-140				
Bromoform	9.33		"	10.9		85.6	58.7-150				
Bromodichloromethane	9.36		"	10.6		88.3	65.3-127				
Benzyl chloride	9.71		"	10.8		89.9	62.5-150				
Benzene	10.2		"	10.8		94.4	69.5-130				
Acetone	11.4		"	11.0		104	55.3-133				
2-Hexanone	12.4		"	10.9		114	52-150				
2-Butanone	11.4		"	10.9		105	28.5-154				
1,4-Dioxane	12.0		"	10.6		113	50-150				



Volatile Organic Compounds by EPA Compendium TO14A/TO15 - 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 BF31536 - EPA TO15 PREP

LCS (BF31536-BS1)

Prepared & Analyzed: 06/28/2013

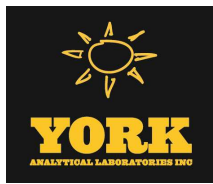
1,4-Dichlorobenzene	11.7		ppbv	10.9		107	62.5-139				
1,3-Dichlorobenzene	11.6		"	10.8		107	71.9-153				
1,3-Butadiene	9.87		"	10.9		90.6	66.7-127				
1,3,5-Trimethylbenzene	10.7		"	11.0		97.0	65-152				
1,2-Dichlorotetrafluoroethane	9.39		"	10.5		89.4	63.3-129				
1,2-Dichloropropane	10.7		"	11.0		97.4	21.3-152				
1,2-Dichloroethane	9.43		"	10.7		88.1	51.2-124				
1,2-Dichlorobenzene	11.3		"	10.7		106	63.7-148				
1,2,4-Trimethylbenzene	10.6		"	11.0		96.8	67.9-152				
1,2,4-Trichlorobenzene	14.9		"	10.0		149	58-147	High Bias			
1,1-Dichloroethylene	8.56		"	9.60		89.2	58.1-130				
1,1-Dichloroethane	9.21		"	10.3		89.4	63.3-130				
Trichlorofluoromethane (Freon 11)	9.37		"	11.0		85.2	56-132				
1,1,2-Trichloroethane	10.8		"	11.0		98.5	66-127				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.02		"	9.20		87.2	60.2-125				
1,1,2,2-Tetrachloroethane	10.8		"	11.0		98.5	63.7-132				
1,1,1-Trichloroethane	9.18		"	10.5		87.4	58.2-126				
Dichlorodifluoromethane	9.09		"	10.2		89.1	62.8-133				
1,2-Dibromoethane	11.1		"	11.0		101	70-130				
Dibromochloromethane	9.69		"	10.7		90.6	70-130				
Methyl Methacrylate	9.23		"	10.7		86.3	70-130				
Chlorobenzene	10.1		"	11.0		91.6	67.6-122				
Surrogate: <i>p</i> -Bromofluorobenzene	10.1		"	10.0		101	70-130				

Duplicate (BF31536-DUP1)

*Source sample: 13F0942-01 (AQ062513:1130NP4-1)

Prepared & Analyzed: 06/28/2013

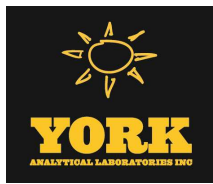
Vinyl Chloride	ND	0.45	ug/m ³		ND						25
Vinyl acetate	ND	0.62	"		ND						25
Trichloroethylene	ND	0.48	"		ND						25
trans-1,3-Dichloropropylene	1.4	0.81	"		ND						25
trans-1,2-Dichloroethylene	ND	0.70	"		ND						25
Toluene	0.94	0.67	"		1.1				19.4		25
Tetrahydrofuran	ND	0.52	"		ND						25
Tetrachloroethylene	15	1.2	"		15				0.00		25
Styrene	ND	0.76	"		ND						25
Propylene	ND	0.31	"		ND						25
p-Ethyltoluene	ND	4.4	"		ND						25
p- & m- Xylenes	ND	1.5	"		ND						25
o-Xylene	ND	0.77	"		ND						25
n-Hexane	ND	0.63	"		ND						25
n-Heptane	ND	0.73	"		ND						25
Methylene chloride	1.0	0.62	"		1.1				5.71		25
Methyl tert-butyl ether (MTBE)	ND	0.64	"		ND						25
4-Methyl-2-pentanone	ND	0.73	"		ND						25
Isopropanol	ND	0.44	"		ND						25
Hexachlorobutadiene	ND	1.9	"		ND						25
Ethyl Benzene	ND	0.77	"		ND						25
Ethyl acetate	ND	0.64	"		ND						25
Cyclohexane	ND	0.61	"		ND						25
cis-1,3-Dichloropropylene	ND	0.81	"		ND						25
cis-1,2-Dichloroethylene	0.98	0.70	"		0.98				0.00		25
Chloromethane	1.6	0.37	"		1.6				2.25		25
Chloroform	ND	0.87	"		ND						25



Volatile Organic Compounds by EPA Compendium TO14A/TO15 - 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 BF31536 - EPA TO15 PREP											
Duplicate (BF31536-DUP1)	*Source sample: 13F0942-01 (AQ062513:1130NP4-1)						Prepared & Analyzed: 06/28/2013				
Chloroethane	ND	0.47	ug/m ³		ND					25	
Carbon tetrachloride	ND	0.56	"		ND					25	
Carbon disulfide	ND	0.55	"		ND					25	
Bromomethane	ND	0.69	"		ND					25	
Bromoform	ND	1.8	"		ND					25	
Bromodichloromethane	ND	1.1	"		ND					25	
Benzyl chloride	ND	0.92	"		ND					25	
Benzene	0.91	0.57	"		0.91				0.00	25	
Acetone	9.8	0.42	"		9.9				0.858	25	
2-Hexanone	ND	0.73	"		ND					25	
2-Butanone	2.9	0.52	"		2.7				5.61	25	
1,4-Dioxane	ND	0.64	"		ND					25	
1,4-Dichlorobenzene	ND	1.1	"		ND					25	
1,3-Dichlorobenzene	ND	1.1	"		ND					25	
1,3-Butadiene	ND	0.77	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.87	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	1.2	"		ND					25	
1,2-Dichloropropane	ND	0.82	"		ND					25	
1,2-Dichloroethane	ND	0.72	"		ND					25	
1,2-Dichlorobenzene	ND	1.1	"		ND					25	
1,2,4-Trimethylbenzene	ND	0.87	"		ND					25	
1,2,4-Trichlorobenzene	ND	1.3	"		ND					25	
1,1-Dichloroethylene	ND	0.70	"		ND					25	
1,1-Dichloroethane	ND	0.72	"		ND					25	
Trichlorofluoromethane (Freon 11)	1.4	1.0	"		1.4				0.00	25	
1,1,2-Trichloroethane	ND	0.97	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.4	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	1.2	"		ND					25	
1,1,1-Trichloroethane	ND	0.97	"		ND					25	
Dichlorodifluoromethane	2.6	0.88	"		2.6				0.00	25	
1,2-Dibromoethane	ND	1.4	"		ND					25	
Dibromochloromethane	ND	1.4	"		ND					25	
Methyl Methacrylate	ND	0.73	"		ND					25	
Chlorobenzene	ND	0.82	"		ND					25	
Surrogate: <i>p</i> -Bromofluorobenzene	9.70		ppbv	10.0		97.0	70-130				



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.
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.

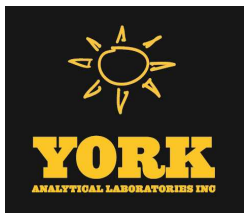
If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

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.

APPENDIX IV
JUNE 2013 LABORATORY ANALYTICAL REPORTS
FOR MONITOR WELLS



Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 301

Shelton CT, 06484

Attention: Tunde Komuves-Sandor

Report Date: 06/21/2013

Client Project ID: Rowe Industries

York Project (SDG) No.: 13F0591

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 06/21/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13F0591

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 June 18, 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>
13F0591-01	MW98-04	Water	06/17/2013	06/18/2013
13F0591-02	MW49A	Water	06/17/2013	06/18/2013
13F0591-03	MW49B	Water	06/17/2013	06/18/2013
13F0591-04	MW49C	Water	06/17/2013	06/18/2013

General Notes for York Project (SDG) No.: 13F0591

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: 06/21/2013

YORK



Sample Information

Client Sample ID: MW98-04

York Sample ID: 13F0591-01

York Project (SDG) No.
13F0591

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
June 17, 2013 1:35 pm

Date Received
06/18/2013

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	06/20/2013 09:10	06/20/2013 15:14	SS
71-55-6	1,1,1-Trichloroethane	0.45	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	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	06/20/2013 09:10	06/20/2013 15:14	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS



Sample Information

Client Sample ID: MW98-04

York Sample ID: 13F0591-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0591

Rowe Industries

Water

June 17, 2013 1:35 pm

06/18/2013

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	06/20/2013 09:10	06/20/2013 15:14	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
156-59-2	cis-1,2-Dichloroethylene	1.1		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
127-18-4	Tetrachloroethylene	36		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
79-01-6	Trichloroethylene	0.85		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS



Sample Information

Client Sample ID: MW98-04

York Sample ID: 13F0591-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0591

Rowe Industries

Water

June 17, 2013 1:35 pm

06/18/2013

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	105 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	125 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	92.2 %			81.2-127						

Sample Information

Client Sample ID: MW49A

York Sample ID: 13F0591-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0591

Rowe Industries

Water

June 17, 2013 2:38 pm

06/18/2013

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	06/20/2013 09:10	06/20/2013 15:55	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS



Sample Information

Client Sample ID: MW49A

York Sample ID: 13F0591-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0591

Rowe Industries

Water

June 17, 2013 2:38 pm

06/18/2013

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	06/20/2013 09:10	06/20/2013 15:55	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS



Sample Information

Client Sample ID: MW49A

York Sample ID: 13F0591-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0591

Rowe Industries

Water

June 17, 2013 2:38 pm

06/18/2013

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	06/20/2013 09:10	06/20/2013 15:55	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	126 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	94.8 %			81.2-127						

Sample Information

Client Sample ID: MW49B

York Sample ID: 13F0591-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0591

Rowe Industries

Water

June 17, 2013 2:12 pm

06/18/2013

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	06/20/2013 09:10	06/20/2013 16:36	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	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	06/20/2013 09:10	06/20/2013 16:36	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS



Sample Information

Client Sample ID: MW49B

York Sample ID: 13F0591-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0591

Rowe Industries

Water

June 17, 2013 2:12 pm

06/18/2013

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
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS



Sample Information

Client Sample ID: MW49B

York Sample ID: 13F0591-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0591

Rowe Industries

Water

June 17, 2013 2:12 pm

06/18/2013

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
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
127-18-4	Tetrachloroethylene	0.55		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	124 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	94.1 %			81.2-127						

Sample Information

Client Sample ID: MW49C

York Sample ID: 13F0591-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0591

Rowe Industries

Water

June 17, 2013 1:44 pm

06/18/2013



Sample Information

Client Sample ID: MW49C

York Sample ID: 13F0591-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0591

Rowe Industries

Water

June 17, 2013 1:44 pm

06/18/2013

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	06/20/2013 09:10	06/20/2013 17:18	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	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	06/20/2013 09:10	06/20/2013 17:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS



Sample Information

Client Sample ID: MW49C

York Sample ID: 13F0591-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0591

Rowe Industries

Water

June 17, 2013 1:44 pm

06/18/2013

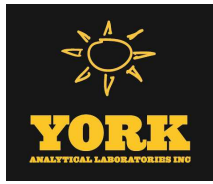
Volatile Organics, 8260 List - Low Level

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	06/20/2013 09:10	06/20/2013 17:18	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
127-18-4	Tetrachloroethylene	0.22	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS



Sample Information

Client Sample ID: MW49C

York Sample ID: 13F0591-04

York Project (SDG) No.
13F0591

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
June 17, 2013 1:44 pm

Date Received
06/18/2013

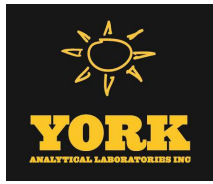
Volatile Organics, 8260 List - Low Level

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	104 %			72.6	129					
460-00-4	Surrogate: p-Bromofluorobenzene	128 %			63.5	145					
2037-26-5	Surrogate: Toluene-d8	93.4 %			81.2	127					



Analytical Batch Summary

Batch ID: BF30918

Preparation Method: EPA 5030B

Prepared By: EKM

YORK Sample ID	Client Sample ID	Preparation Date
13F0591-01	MW98-04	06/20/13
13F0591-02	MW49A	06/20/13
13F0591-03	MW49B	06/20/13
13F0591-04	MW49C	06/20/13
BF30918-BLK1	Blank	06/20/13
BF30918-BS1	LCS	06/20/13
BF30918-BSD1	LCS Dup	06/20/13
BF30918-MS1	Matrix Spike	06/20/13
BF30918-MSD1	Matrix Spike Dup	06/20/13



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

York Analytical Laboratories, Inc.

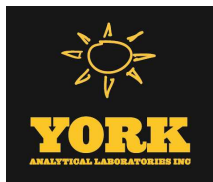
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF30918 - EPA 5030B

Blank (BF30918-BLK1)

Prepared & Analyzed: 06/20/2013

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	"								
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 BF30918 - EPA 5030B

Blank (BF30918-BLK1)

Prepared & Analyzed: 06/20/2013

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	"								

Surrogate: 1,2-Dichloroethane-d4

10.3

"

10.0

103

72.6-129

Surrogate: p-Bromofluorobenzene

12.4

"

10.0

124

63.5-145

Surrogate: Toluene-d8

9.32

"

10.0

93.2

81.2-127

LCS (BF30918-BS1)

Prepared & Analyzed: 06/20/2013

1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82.3-130				
1,1,1-Trichloroethane	11.3		"	10.0		113	75.6-137				
1,1,2,2-Tetrachloroethane	9.36		"	10.0		93.6	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.35		"	10.0		83.5	71.1-129				
1,1,2-Trichloroethane	9.38		"	10.0		93.8	74.5-129				
1,1-Dichloroethane	9.24		"	10.0		92.4	79.6-132				
1,1-Dichloroethylene	7.57		"	10.0		75.7	80.2-146	Low Bias			
1,1-Dichloropropylene	9.79		"	10.0		97.9	75-136				
1,2,3-Trichlorobenzene	10.9		"	10.0		109	66.1-136				
1,2,3-Trichloropropane	9.64		"	10.0		96.4	63-131				
1,2,4-Trichlorobenzene	10.8		"	10.0		108	70.6-136				
1,2,4-Trimethylbenzene	9.17		"	10.0		91.7	75.3-135				
1,2-Dibromo-3-chloropropane	12.8		"	10.0		128	58.9-140				
1,2-Dibromoethane	10.6		"	10.0		106	79-130				
1,2-Dichlorobenzene	9.44		"	10.0		94.4	76.1-122				
1,2-Dichloroethane	9.78		"	10.0		97.8	74.6-132				
1,2-Dichloropropane	9.09		"	10.0		90.9	76.9-129				
1,3,5-Trimethylbenzene	9.19		"	10.0		91.9	70.6-127				
1,3-Dichlorobenzene	9.92		"	10.0		99.2	77-124				
1,3-Dichloropropane	9.36		"	10.0		93.6	75.8-126				
1,4-Dichlorobenzene	9.71		"	10.0		97.1	76.6-125				
2,2-Dichloropropane	10.9		"	10.0		109	69-133				
2-Chlorotoluene	8.84		"	10.0		88.4	66.3-119				
2-Hexanone	10.1		"	10.0		101	70-130				
4-Chlorotoluene	9.07		"	10.0		90.7	69.2-127				
Acetone	7.16		"	10.0		71.6	70-130				
Benzene	10.3		"	10.0		103	76.2-129				
Bromobenzene	9.16		"	10.0		91.6	71.3-123				
Bromochloromethane	10.2		"	10.0		102	70.8-137				
Bromodichloromethane	10.1		"	10.0		101	79.7-134				
Bromoform	12.6		"	10.0		126	70.5-141				
Bromomethane	7.09		"	10.0		70.9	43.9-147				
Carbon tetrachloride	11.9		"	10.0		119	78.1-138				
Chlorobenzene	9.75		"	10.0		97.5	80.4-125				



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 BF30918 - EPA 5030B

LCS (BF30918-BS1)

Prepared & Analyzed: 06/20/2013

Chloroethane	7.96		ug/L	10.0		79.6	55.8-140				
Chloroform	10.4		"	10.0		104	76.6-133				
Chloromethane	7.75		"	10.0		77.5	48.8-115				
cis-1,2-Dichloroethylene	10.3		"	10.0		103	75.1-128				
cis-1,3-Dichloropropylene	10.6		"	10.0		106	74.5-128				
Dibromochloromethane	12.1		"	10.0		121	79.8-134				
Dibromomethane	9.58		"	10.0		95.8	79-130				
Dichlorodifluoromethane	8.19		"	10.0		81.9	47.1-101				
Ethyl Benzene	9.79		"	10.0		97.9	80.8-128				
Hexachlorobutadiene	11.1		"	10.0		111	64.8-128				
Isopropylbenzene	9.56		"	10.0		95.6	75.5-135				
Methyl tert-butyl ether (MTBE)	9.77		"	10.0		97.7	65.1-140				
Methylene chloride	6.07		"	10.0		60.7	61.3-120	Low Bias			
Naphthalene	10.8		"	10.0		108	62.3-148				
n-Butylbenzene	8.57		"	10.0		85.7	67.2-123				
n-Propylbenzene	9.12		"	10.0		91.2	70.5-127				
o-Xylene	9.21		"	10.0		92.1	75.9-122				
p- & m- Xylenes	19.5		"	20.0		97.4	77.7-127				
p-Isopropyltoluene	9.82		"	10.0		98.2	75.6-129				
sec-Butylbenzene	9.54		"	10.0		95.4	71.5-125				
Styrene	9.85		"	10.0		98.5	77.8-123				
tert-Butylbenzene	9.85		"	10.0		98.5	75.9-151				
Tetrachloroethylene	10.5		"	10.0		105	63.6-167				
Toluene	9.30		"	10.0		93.0	77-123				
trans-1,2-Dichloroethylene	8.11		"	10.0		81.1	76.3-139				
trans-1,3-Dichloropropylene	10.6		"	10.0		106	72.5-137				
Trichloroethylene	9.92		"	10.0		99.2	77.9-130				
Trichlorofluoromethane	8.64		"	10.0		86.4	57.4-133				
Vinyl Chloride	7.64		"	10.0		76.4	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	10.3		"	10.0		103	72.6-129				
Surrogate: p-Bromofluorobenzene	10.8		"	10.0		108	63.5-145				
Surrogate: Toluene-d8	9.26		"	10.0		92.6	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
Batch BF30918 - EPA 5030B											
LCS Dup (BF30918-BSD1)											
Prepared & Analyzed: 06/20/2013											
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82.3-130		3.26	21.1	
1,1,1-Trichloroethane	11.5		"	10.0		115	75.6-137		2.46	19.7	
1,1,2,2-Tetrachloroethane	8.91		"	10.0		89.1	71.3-131		4.93	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.49		"	10.0		84.9	71.1-129		1.66	21.7	
1,1,2-Trichloroethane	8.86		"	10.0		88.6	74.5-129		5.70	20.3	
1,1-Dichloroethane	8.77		"	10.0		87.7	79.6-132		5.22	20.6	
1,1-Dichloroethylene	7.63		"	10.0		76.3	80.2-146	Low Bias	0.789	20	
1,1-Dichloropropylene	9.79		"	10.0		97.9	75-136		0.00	19.3	
1,2,3-Trichlorobenzene	10.7		"	10.0		107	66.1-136		1.94	21.6	
1,2,3-Trichloropropane	9.24		"	10.0		92.4	63-131		4.24	23.9	
1,2,4-Trichlorobenzene	10.8		"	10.0		108	70.6-136		0.186	21.7	
1,2,4-Trimethylbenzene	9.64		"	10.0		96.4	75.3-135		5.00	18.8	
1,2-Dibromo-3-chloropropane	11.8		"	10.0		118	58.9-140		8.45	27.7	
1,2-Dibromoethane	10.1		"	10.0		101	79-130		5.40	23	
1,2-Dichlorobenzene	9.56		"	10.0		95.6	76.1-122		1.26	19.8	
1,2-Dichloroethane	9.62		"	10.0		96.2	74.6-132		1.65	20.2	
1,2-Dichloropropane	8.80		"	10.0		88.0	76.9-129		3.24	20.7	
1,3,5-Trimethylbenzene	9.48		"	10.0		94.8	70.6-127		3.11	18.9	
1,3-Dichlorobenzene	10.2		"	10.0		102	77-124		2.88	19.2	
1,3-Dichloropropane	8.95		"	10.0		89.5	75.8-126		4.48	22.1	
1,4-Dichlorobenzene	9.77		"	10.0		97.7	76.6-125		0.616	18.6	
2,2-Dichloropropane	11.0		"	10.0		110	69-133		1.46	19.8	
2-Chlorotoluene	9.24		"	10.0		92.4	66.3-119		4.42	21.6	
2-Hexanone	9.08		"	10.0		90.8	70-130		10.3	30	
4-Chlorotoluene	9.48		"	10.0		94.8	69.2-127		4.42	19	
Acetone	6.71		"	10.0		67.1	70-130	Low Bias	6.49	30	
Benzene	10.3		"	10.0		103	76.2-129		0.388	19	
Bromobenzene	9.31		"	10.0		93.1	71.3-123		1.62	20.3	
Bromochloromethane	9.75		"	10.0		97.5	70.8-137		4.71	23.9	
Bromodichloromethane	9.87		"	10.0		98.7	79.7-134		2.11	21	
Bromoform	12.1		"	10.0		121	70.5-141		3.97	21.8	
Bromomethane	7.42		"	10.0		74.2	43.9-147		4.55	28.4	
Carbon tetrachloride	12.1		"	10.0		121	78.1-138		1.33	20.1	
Chlorobenzene	9.58		"	10.0		95.8	80.4-125		1.76	19.9	
Chloroethane	8.10		"	10.0		81.0	55.8-140		1.74	23.3	
Chloroform	10.2		"	10.0		102	76.6-133		1.16	20.3	
Chloromethane	7.75		"	10.0		77.5	48.8-115		0.00	24.5	
cis-1,2-Dichloroethylene	10.1		"	10.0		101	75.1-128		1.67	20.5	
cis-1,3-Dichloropropylene	10.3		"	10.0		103	74.5-128		3.64	19.9	
Dibromochloromethane	11.4		"	10.0		114	79.8-134		6.14	21.3	
Dibromomethane	8.94		"	10.0		89.4	79-130		6.91	22.4	
Dichlorodifluoromethane	8.25		"	10.0		82.5	47.1-101		0.730	23.9	
Ethyl Benzene	9.81		"	10.0		98.1	80.8-128		0.204	19.2	
Hexachlorobutadiene	11.9		"	10.0		119	64.8-128		7.04	20.6	
Isopropylbenzene	10.1		"	10.0		101	75.5-135		5.10	20	
Methyl tert-butyl ether (MTBE)	8.90		"	10.0		89.0	65.1-140		9.32	23.6	
Methylene chloride	5.91		"	10.0		59.1	61.3-120	Low Bias	2.67	20.4	
Naphthalene	9.92		"	10.0		99.2	62.3-148		8.12	27.1	
n-Butylbenzene	8.94		"	10.0		89.4	67.2-123		4.23	19.1	
n-Propylbenzene	9.53		"	10.0		95.3	70.5-127		4.40	23.4	
o-Xylene	9.19		"	10.0		91.9	75.9-122		0.217	19.3	



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 BF30918 - EPA 5030B

LCS Dup (BF30918-BSD1)

Prepared & Analyzed: 06/20/2013

p- & m- Xylenes	19.5		ug/L	20.0		97.6	77.7-127		0.256	18.6	
p-Isopropyltoluene	10.2		"	10.0		102	75.6-129		3.89	19.1	
sec-Butylbenzene	10.1		"	10.0		101	71.5-125		5.70	18.9	
Styrene	9.70		"	10.0		97.0	77.8-123		1.53	20.9	
tert-Butylbenzene	10.2		"	10.0		102	75.9-151		3.98	20.9	
Tetrachloroethylene	10.6		"	10.0		106	63.6-167		0.475	27.7	
Toluene	9.30		"	10.0		93.0	77-123		0.00	18.7	
trans-1,2-Dichloroethylene	8.23		"	10.0		82.3	76.3-139		1.47	19.5	
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137		4.43	19.3	
Trichloroethylene	9.71		"	10.0		97.1	77.9-130		2.14	20.5	
Trichlorofluoromethane	8.62		"	10.0		86.2	57.4-133		0.232	21.4	
Vinyl Chloride	7.86		"	10.0		78.6	54.9-124		2.84	22.3	
Surrogate: 1,2-Dichloroethane-d4	9.73		"	10.0		97.3	72.6-129				
Surrogate: p-Bromofluorobenzene	11.3		"	10.0		113	63.5-145				
Surrogate: Toluene-d8	9.34		"	10.0		93.4	81.2-127				

Matrix Spike (BF30918-MS1)

*Source sample: 13F0591-04 (MW49C)

Prepared & Analyzed: 06/20/2013

1,1,1,2-Tetrachloroethane	11.2		ug/L	10.0	ND	112	82-138				
1,1,1-Trichloroethane	11.6		"	10.0	ND	116	85.7-133				
1,1,2,2-Tetrachloroethane	9.44		"	10.0	ND	94.4	78.6-136				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.42		"	10.0	ND	84.2	74.8-131				
1,1,2-Trichloroethane	9.15		"	10.0	ND	91.5	82.5-129				
1,1-Dichloroethane	8.91		"	10.0	ND	89.1	81.4-137				
1,1-Dichloroethylene	7.71		"	10.0	ND	77.1	90-138	Low Bias			
1,1-Dichloropropylene	10.2		"	10.0	ND	102	91.7-131				
1,2,3-Trichlorobenzene	10.8		"	10.0	ND	108	75.9-130				
1,2,3-Trichloropropane	9.77		"	10.0	ND	97.7	77.1-140				
1,2,4-Trichlorobenzene	11.0		"	10.0	ND	110	69.8-135				
1,2,4-Trimethylbenzene	10.0		"	10.0	ND	100	79.4-131				
1,2-Dibromo-3-chloropropane	13.4		"	10.0	ND	134	66.6-143				
1,2-Dibromoethane	9.97		"	10.0	ND	99.7	79.8-136				
1,2-Dichlorobenzene	10.0		"	10.0	ND	100	79.9-130				
1,2-Dichloroethane	9.86		"	10.0	ND	98.6	85-133				
1,2-Dichloropropane	9.10		"	10.0	ND	91.0	81.1-132				
1,3,5-Trimethylbenzene	10.0		"	10.0	ND	100	76.1-121				
1,3-Dichlorobenzene	10.7		"	10.0	ND	107	79.1-124				
1,3-Dichloropropane	9.24		"	10.0	ND	92.4	83.3-130				
1,4-Dichlorobenzene	10.3		"	10.0	ND	103	79.4-128				
2,2-Dichloropropane	10.5		"	10.0	ND	105	54.2-126				
2-Chlorotoluene	9.77		"	10.0	ND	97.7	60.2-144				
2-Hexanone	9.26		"	10.0	ND	92.6	70-130				
4-Chlorotoluene	9.93		"	10.0	ND	99.3	79.8-128				
Acetone	6.42		"	10.0	0.490	59.3	70-130	Low Bias			
Benzene	10.8		"	10.0	ND	108	74.1-134				
Bromobenzene	9.71		"	10.0	ND	97.1	76.6-125				
Bromochloromethane	10.1		"	10.0	ND	101	85-133				
Bromodichloromethane	9.94		"	10.0	ND	99.4	80.8-143				
Bromoform	12.6		"	10.0	ND	126	65.8-164				
Bromomethane	6.39		"	10.0	ND	63.9	68.7-112	Low Bias			
Carbon tetrachloride	12.2		"	10.0	ND	122	85.7-138				
Chlorobenzene	9.95		"	10.0	ND	99.5	79.9-129				
Chloroethane	7.94		"	10.0	ND	79.4	74.7-127				



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 BF30918 - EPA 5030B

Matrix Spike (BF30918-MS1)	*Source sample: 13F0591-04 (MW49C)				Prepared & Analyzed: 06/20/2013			
Chloroform	10.7		ug/L	10.0	ND	107	50.6-145	
Chloromethane	8.87		"	10.0	ND	88.7	64-111	
cis-1,2-Dichloroethylene	10.2		"	10.0	ND	102	75.5-129	
cis-1,3-Dichloropropylene	10.3		"	10.0	ND	103	74.3-128	
Dibromochloromethane	11.8		"	10.0	ND	118	76.8-150	
Dibromomethane	9.04		"	10.0	ND	90.4	83.3-140	
Dichlorodifluoromethane	7.42		"	10.0	ND	74.2	51-100	
Ethyl Benzene	10.3		"	10.0	ND	103	82.9-127	
Hexachlorobutadiene	12.5		"	10.0	ND	125	73-128	
Isopropylbenzene	10.5		"	10.0	ND	105	78.7-131	
Methyl tert-butyl ether (MTBE)	8.54		"	10.0	ND	85.4	81.2-134	
Methylene chloride	5.94		"	10.0	ND	59.4	57.8-103	
Naphthalene	10.0		"	10.0	ND	100	80.1-122	
n-Butylbenzene	9.50		"	10.0	ND	95.0	72.4-120	
n-Propylbenzene	10.0		"	10.0	ND	100	74-130	
o-Xylene	9.55		"	10.0	ND	95.5	78.8-122	
p- & m- Xylenes	20.4		"	20.0	ND	102	82.5-123	
p-Isopropyltoluene	10.8		"	10.0	ND	108	64.9-132	
sec-Butylbenzene	10.6		"	10.0	ND	106	25.4-151	
Styrene	10.2		"	10.0	ND	102	74.1-134	
tert-Butylbenzene	10.5		"	10.0	ND	105	79.5-171	
Tetrachloroethylene	11.0		"	10.0	0.220	108	72.5-130	
Toluene	9.60		"	10.0	ND	96.0	77.8-121	
trans-1,2-Dichloroethylene	8.27		"	10.0	ND	82.7	83.8-140	Low Bias
trans-1,3-Dichloropropylene	10.0		"	10.0	ND	100	74.9-136	
Trichloroethylene	10.2		"	10.0	ND	102	84.4-125	
Trichlorofluoromethane	8.65		"	10.0	ND	86.5	78.7-127	
Vinyl Chloride	7.55		"	10.0	ND	75.5	72.1-116	
Surrogate: 1,2-Dichloroethane-d4	9.94		"	10.0		99.4	72.6-129	
Surrogate: p-Bromofluorobenzene	11.3		"	10.0		113	63.5-145	
Surrogate: Toluene-d8	9.28		"	10.0		92.8	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
Batch BF30918 - EPA 5030B											
Matrix Spike Dup (BF30918-MSD1)	*Source sample: 13F0591-04 (MW49C)					Prepared & Analyzed: 06/20/2013					
1,1,1,2-Tetrachloroethane	11.2		ug/L	10.0	ND	112	82-138		0.0889	21.3	
1,1,1-Trichloroethane	11.4		"	10.0	ND	114	85.7-133		1.04	22.6	
1,1,2,2-Tetrachloroethane	9.43		"	10.0	ND	94.3	78.6-136		0.106	23.1	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.33		"	10.0	ND	83.3	74.8-131		1.07	25.6	
1,1,2-Trichloroethane	9.47		"	10.0	ND	94.7	82.5-129		3.44	19.3	
1,1-Dichloroethane	8.82		"	10.0	ND	88.2	81.4-137		1.02	20.7	
1,1-Dichloroethylene	7.68		"	10.0	ND	76.8	90-138	Low Bias	0.390	22.9	
1,1-Dichloropropylene	9.97		"	10.0	ND	99.7	91.7-131		2.67	24.9	
1,2,3-Trichlorobenzene	11.0		"	10.0	ND	110	75.9-130		1.28	21.4	
1,2,3-Trichloropropane	9.78		"	10.0	ND	97.8	77.1-140		0.102	28	
1,2,4-Trichlorobenzene	10.8		"	10.0	ND	108	69.8-135		1.83	22.5	
1,2,4-Trimethylbenzene	9.61		"	10.0	ND	96.1	79.4-131		4.28	33.9	
1,2-Dibromo-3-chloropropane	13.0		"	10.0	ND	130	66.6-143		2.88	23.3	
1,2-Dibromoethane	10.5		"	10.0	ND	105	79.8-136		4.89	19.1	
1,2-Dichlorobenzene	9.82		"	10.0	ND	98.2	79.9-130		2.12	23.2	
1,2-Dichloroethane	9.99		"	10.0	ND	99.9	85-133		1.31	19.1	
1,2-Dichloropropane	9.00		"	10.0	ND	90.0	81.1-132		1.10	19.9	
1,3,5-Trimethylbenzene	9.59		"	10.0	ND	95.9	76.1-121		4.29	31.2	
1,3-Dichlorobenzene	10.3		"	10.0	ND	103	79.1-124		4.29	22.6	
1,3-Dichloropropane	9.54		"	10.0	ND	95.4	83.3-130		3.19	20.9	
1,4-Dichlorobenzene	9.98		"	10.0	ND	99.8	79.4-128		3.35	21	
2,2-Dichloropropane	10.3		"	10.0	ND	103	54.2-126		1.54	24.5	
2-Chlorotoluene	9.33		"	10.0	ND	93.3	60.2-144		4.61	30.8	
2-Hexanone	9.84		"	10.0	ND	98.4	70-130		6.07	30	
4-Chlorotoluene	9.48		"	10.0	ND	94.8	79.8-128		4.64	23.2	
Acetone	6.35		"	10.0	0.490	58.6	70-130	Low Bias	1.19	30	
Benzene	10.6		"	10.0	ND	106	74.1-134		1.88	20.8	
Bromobenzene	9.58		"	10.0	ND	95.8	76.6-125		1.35	23	
Bromochloromethane	10.2		"	10.0	ND	102	85-133		1.28	18.4	
Bromodichloromethane	9.90		"	10.0	ND	99.0	80.8-143		0.403	18.1	
Bromoform	13.6		"	10.0	ND	136	65.8-164		7.32	27.3	
Bromomethane	6.79		"	10.0	ND	67.9	68.7-112	Low Bias	6.07	22.8	
Carbon tetrachloride	12.1		"	10.0	ND	121	85.7-138		0.575	25.1	
Chlorobenzene	9.88		"	10.0	ND	98.8	79.9-129		0.706	21	
Chloroethane	8.01		"	10.0	ND	80.1	74.7-127		0.878	23.7	
Chloroform	10.5		"	10.0	ND	105	50.6-145		1.60	21.7	
Chloromethane	8.81		"	10.0	ND	88.1	64-111		0.679	21.4	
cis-1,2-Dichloroethylene	10.2		"	10.0	ND	102	75.5-129		0.980	20.2	
cis-1,3-Dichloropropylene	10.5		"	10.0	ND	105	74.3-128		1.92	19.8	
Dibromochloromethane	12.1		"	10.0	ND	121	76.8-150		3.02	20.8	
Dibromomethane	9.16		"	10.0	ND	91.6	83.3-140		1.32	20.4	
Dichlorodifluoromethane	7.20		"	10.0	ND	72.0	51-100		3.01	27.6	
Ethyl Benzene	10.0		"	10.0	ND	100	82.9-127		2.94	21.4	
Hexachlorobutadiene	11.8		"	10.0	ND	118	73-128		5.78	26	
Isopropylbenzene	10.0		"	10.0	ND	100	78.7-131		4.76	26.7	
Methyl tert-butyl ether (MTBE)	9.06		"	10.0	ND	90.6	81.2-134		5.91	21.2	
Methylene chloride	5.88		"	10.0	ND	58.8	57.8-103		1.02	21.2	
Naphthalene	10.4		"	10.0	ND	104	80.1-122		3.53	26.1	
n-Butylbenzene	8.95		"	10.0	ND	89.5	72.4-120		5.96	30.8	
n-Propylbenzene	9.60		"	10.0	ND	96.0	74-130		4.38	31	
o-Xylene	9.41		"	10.0	ND	94.1	78.8-122		1.48	21	



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 BF30918 - EPA 5030B

Matrix Spike Dup (BF30918-MSD1)	*Source sample: 13F0591-04 (MW49C)				Prepared & Analyzed: 06/20/2013						
p- & m- Xylenes	19.8		ug/L	20.0	ND	99.2	82.5-123		2.83	22.5	
p-Isopropyltoluene	10.2		"	10.0	ND	102	64.9-132		5.63	25.2	
sec-Butylbenzene	10.1		"	10.0	ND	101	25.4-151		4.74	25.2	
Styrene	10.1		"	10.0	ND	101	74.1-134		1.18	20	
tert-Butylbenzene	10.1		"	10.0	ND	101	79.5-171		3.78	24.8	
Tetrachloroethylene	10.9		"	10.0	0.220	107	72.5-130		0.651	22.7	
Toluene	9.55		"	10.0	ND	95.5	77.8-121		0.522	21.5	
trans-1,2-Dichloroethylene	8.12		"	10.0	ND	81.2	83.8-140	Low Bias	1.83	20.1	
trans-1,3-Dichloropropylene	10.5		"	10.0	ND	105	74.9-136		4.68	22.5	
Trichloroethylene	10.1		"	10.0	ND	101	84.4-125		0.786	20.7	
Trichlorofluoromethane	8.57		"	10.0	ND	85.7	78.7-127		0.929	24.7	
Vinyl Chloride	7.57		"	10.0	ND	75.7	72.1-116		0.265	24.9	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.94</i>		<i>"</i>	<i>10.0</i>		<i>99.4</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>11.1</i>		<i>"</i>	<i>10.0</i>		<i>111</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.23</i>		<i>"</i>	<i>10.0</i>		<i>92.3</i>	<i>81.2-127</i>				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13F0591-01	MW98-04	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0591-02	MW49A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0591-03	MW49B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0591-04	MW49C	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.
- 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.
- J Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, 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.

Corrective Action: Client has on C-O-C MW49B as MS/MSD But on sample vials are labeled as 49C MS/MSD - 06/19/2013

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 unless superseded by written contract.

York Project No. 13E0591

Page 1 of 1

Client Information Company: <u>LBG</u> Address: <u>4 Research Drive, Suite 301, Shelton CT, 06484</u> Phone no.: <u>203-929-8555</u> Contact Person <u>Tunde Sandor</u> E-mail Addr.: <u>tsandor@lbct.com</u> FAX No.: <u>203-926-9140</u>		Report to: <input checked="" type="checkbox"/> SAME Name: <u>Tunde Sandor</u> Company: <u>Same</u> Address: _____ E-mail: _____ Fax No.: _____		Invoice To: <input type="checkbox"/> SAME Name: <u>Mark Goldberg</u> Company: <u>Same</u> Address: _____ E-mail: _____ Fax No.: _____		Client Project ID Rowe Industries Purchase Order no. NABSAG Samples from: <u>CT</u> <u>NY</u> <u>NJ</u> <u>OTHER</u>		Turn-Around Time RUSH Same Day RUSH Next Day RUSH Two Day RUSH Three Day RUSH Four Day Standard (5-7 days) <input checked="" type="checkbox"/> X OTHER		Report Type/Deliverables Summary <input checked="" type="checkbox"/> x, pdf QA/QC Summary <input checked="" type="checkbox"/> x, pdf CT RCP Pkg ASP A Pkg ASP B Pkg Excel EDD			
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 BTEX MTBE TCL list TAGM CT RCP Arom. Halog. App. IX 8021B list		Metals RCRA8 PP13 TAL CT15 Total Dissolved SPU/PerTCLP TCLP list TICs Chlordane 608 Pest TCLP BNA 608 PCB		Misc. Org. TPH GRO TPH DRO CT ETPH NY 310-13 TPH 418.1 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium		Full Lists Pri. Poll. TCL Ogrs TAL Mat'N Full TCLP Full App. IX Part 360-Resine Part 360-Resins Part 360-Residual Part 360-Residual NYCDER-Sewer NYSEDEC-Sewer TAGM		Miscellaneous Parameters Color Phenols Cyanide-T Cyanide-A BOD5 Ammonia-N Chloride Phosphate Tot. Phos. Oil&Grease TSS Total Solids pH MBAS Silica		Special Instructions Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>	
Choose Analyses Needed from the Menu Above and Enter Below													
Sample Identification	Date Sampled	Sample Matrix											
MW98-04	6/17/03 1335	GW	VOC 8260 full list (EPA SW846-8260B)										
MW49A	1438	GW	VOC 8260 full list (EPA SW846-8260B)										
MW49B	1412	GW	VOC 8260 full list (EPA SW846-8260B)										
MW49BMS	1412	GW	VOC 8260 full list (EPA SW846-8260B)										
MW49MSD	1412	GW	VOC 8260 full list (EPA SW846-8260B)										
MW49C	1344	GW	VOC 8260 full list (EPA SW846-8260B)										
		GW	VOC 8260 full list (EPA SW846-8260B)										
		GW	VOC 8260 full list (EPA SW846-8260B)										
Comments: <u>Retention tank</u> Preservation "X" those applicable													
Samples Relinquished By <u>Daniel W. [Signature]</u> Date/Time <u>6/18/03 10:30</u>			Samples Relinquished By <u>[Signature]</u> Date/Time <u>6-18-03 1:50</u>			Samples Received in LAB by <u>[Signature]</u> Date/Time <u>6/18/03</u>			Samples Received in LAB by <u>[Signature]</u> Date/Time <u>6-18-03 1:50</u>				
Cool 4°C _____ HNO3 _____ H2SO4 _____ NaOH _____ NONE _____ FROZEN _____										Temperature on Receipt <u>3.7°C</u>			