

TABLE 2

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

Effluent Water Quality Results

Date Sampled <sup>2/</sup>	pH <sup>1/</sup>	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	---	---
3-Jun-15	7.0	176	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	2.07	0.119
17-Jun-15	6.5	147	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	3.00	0.113

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

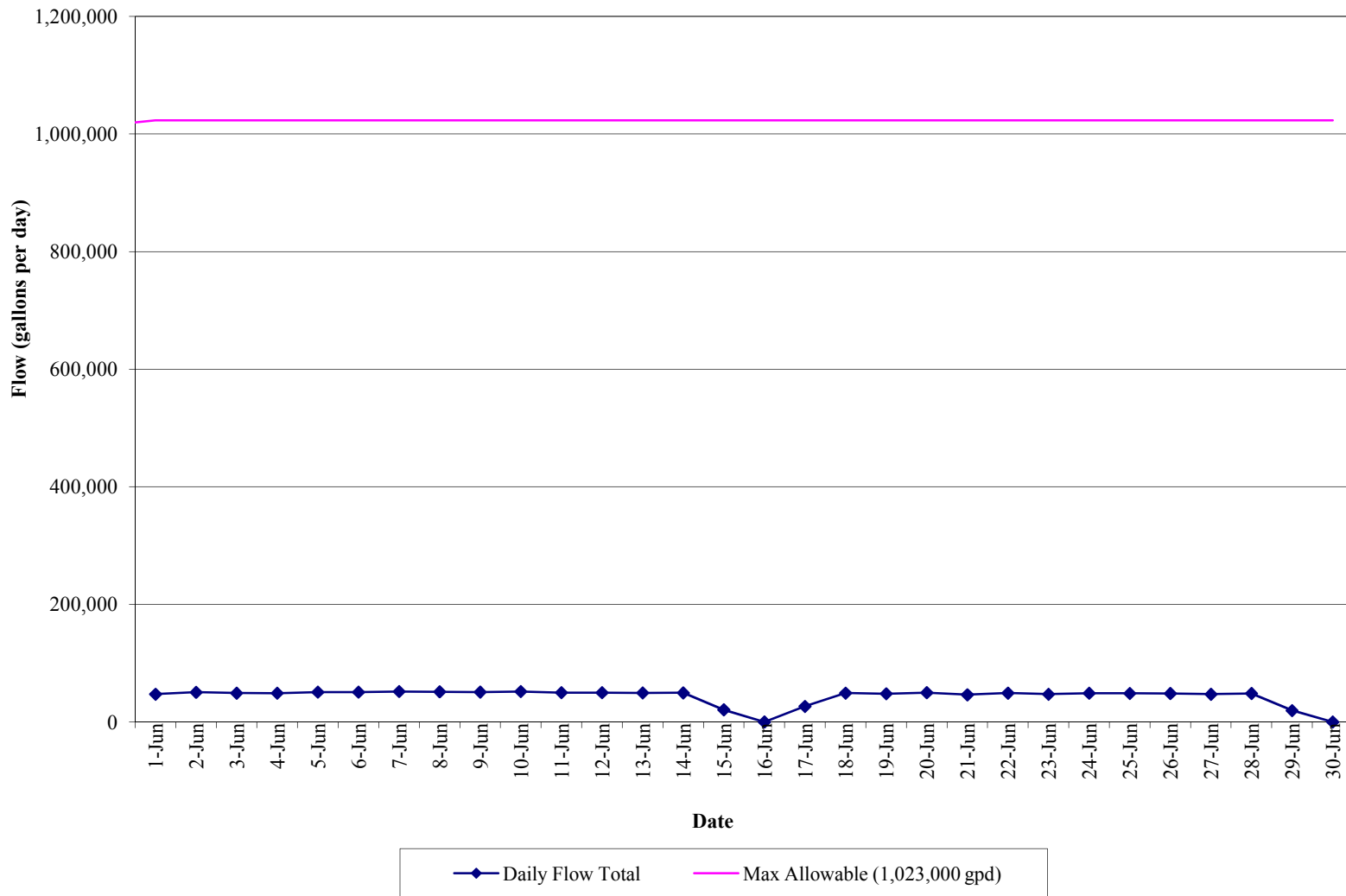
trans-1,2,-DCE: trans-1,2-Dichloroethene

Notes:

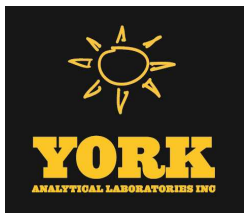
1. Based on the SPDES criteria from an NYSDEC letter dated on October 21, 2011, the new allowable pH range for the Rowe Site is between 5.0 and 8.5.
2. "Effluent" samples were collected from sample port labeled NP2-10 unless otherwise noted.

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

**Effluent Flow Data  
(June 1, 2015 to June 30, 2015)**



**APPENDIX I**  
**JUNE 2015 LABORATORY ANALYTICAL REPORTS**  
**FOR FSP&T SYSTEM**



# Technical Report

prepared for:

**Leggette Brashears & Graham Shelton Office**

4 Research Drive, Suite 204

Shelton CT, 06484

**Attention: Tunde Komuves-Sandor**

Report Date: 06/11/2015

**Client Project ID: Rowe Industries**

York Project (SDG) No.: 15F0237

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 06/11/2015  
Client Project ID: Rowe Industries  
York Project (SDG) No.: 15F0237

**Leggette Brashears & Graham Shelton Office**  
4 Research Drive, Suite 204  
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 05, 2015 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>
15F0237-01	WQ060315; 1320 NP2-6	Water	06/03/2015	06/05/2015
15F0238-01	WQ060315; 1330 NP2-10	Water	06/03/2015	06/05/2015

## General Notes for York Project (SDG) No.: 15F0237

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.

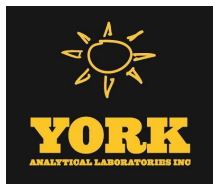
Approved By:



Benjamin Gulizia  
Laboratory Director

Date: 06/11/2015





### Sample Information

**Client Sample ID:** WQ060315; 1320 NP2-6

**York Sample ID:** 15F0237-01

<u>York Project (SDG) No.</u> 15F0237	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 3, 2015 1:20 pm	<u>Date Received</u> 06/05/2015
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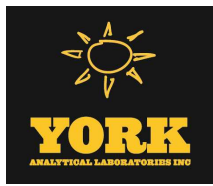
**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS



### Sample Information

**Client Sample ID:** WQ060315; 1320 NP2-6

**York Sample ID:** 15F0237-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0237

Rowe Industries

Water

June 3, 2015 1:20 pm

06/05/2015

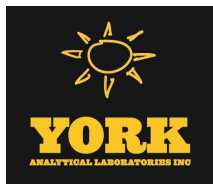
**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
156-59-2	<b>cis-1,2-Dichloroethylene</b>	<b>0.34</b>	<b>J</b>	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS



### Sample Information

**Client Sample ID:** WQ060315; 1320 NP2-6

**York Sample ID:** 15F0237-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0237

Rowe Industries

Water

June 3, 2015 1:20 pm

06/05/2015

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 16:58	06/11/2015 01:42	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 16:58	06/11/2015 01:42	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
127-18-4	<b>Tetrachloroethylene</b>	<b>4.2</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/10/2015 16:58	06/11/2015 01:42	SS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	111 %	69-130								
2037-26-5	Surrogate: Toluene-d8	85.9 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	92.3 %	79-122								

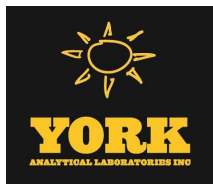
**Iron by EPA 200.7**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	<b>Iron</b>	<b>2.21</b>		mg/L	0.0146	0.0200	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/06/2015 07:24	06/06/2015 19:29	AMC



### Sample Information

**Client Sample ID:** WQ060315; 1320 NP2-6

**York Sample ID:** 15F0237-01

<u>York Project (SDG) No.</u> 15F0237	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 3, 2015 1:20 pm	<u>Date Received</u> 06/05/2015
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**Iron, Dissolved by EPA 6010**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.0311		mg/L	0.0200	0.0200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/08/2015 14:27	06/08/2015 18:13	AMC

### Sample Information

**Client Sample ID:** WQ060315; 1330 NP2-10

**York Sample ID:** 15F0238-01

<u>York Project (SDG) No.</u> 15F0238	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 3, 2015 1:30 pm	<u>Date Received</u> 06/05/2015
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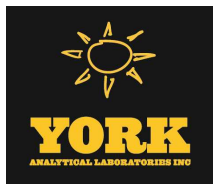
**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS



### Sample Information

**Client Sample ID:** WQ060315; 1330 NP2-10

**York Sample ID:** 15F0238-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0238

Rowe Industries

Water

June 3, 2015 1:30 pm

06/05/2015

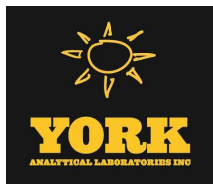
**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS



### Sample Information

**Client Sample ID:** WQ060315; 1330 NP2-10

**York Sample ID:** 15F0238-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0238

Rowe Industries

Water

June 3, 2015 1:30 pm

06/05/2015

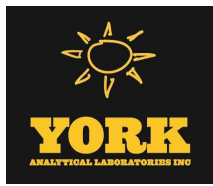
**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 16:58	06/11/2015 02:15	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 16:58	06/11/2015 02:15	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS



### Sample Information

**Client Sample ID:** WQ060315; 1330 NP2-10

**York Sample ID:** 15F0238-01

<u>York Project (SDG) No.</u> 15F0238	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 3, 2015 1:30 pm	<u>Date Received</u> 06/05/2015
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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	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/10/2015 16:58	06/11/2015 02:15	SS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	111 %			69-130						
2037-26-5	Surrogate: Toluene-d8	93.2 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	92.1 %			79-122						

**Iron by EPA 200.7**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	2.07		mg/L	0.0146	0.0200	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/06/2015 07:24	06/06/2015 19:34	AMC

**Iron, Dissolved by EPA 6010**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.119		mg/L	0.0200	0.0200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/08/2015 14:27	06/08/2015 18:18	AMC

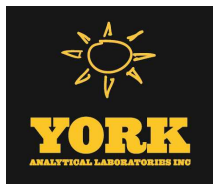
**Total Dissolved Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	176		mg/L	10.0	10.0	1	SM 2540C Certifications: NELAC-NY10854,CTDOH,NJDEP	06/09/2015 17:55	06/10/2015 12:50	AA



## Analytical Batch Summary

**Batch ID:** BF50346                      **Preparation Method:** EPA 3010A                      **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15F0237-01	WQ060315; 1320 NP2-6	06/06/15
15F0238-01	WQ060315; 1330 NP2-10	06/06/15
BF50346-BLK1	Blank	06/06/15
BF50346-SRM1	Reference	06/06/15

**Batch ID:** BF50391                      **Preparation Method:** EPA 3010A                      **Prepared By:** ALD

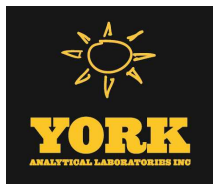
YORK Sample ID	Client Sample ID	Preparation Date
15F0237-01	WQ060315; 1320 NP2-6	06/08/15
15F0238-01	WQ060315; 1330 NP2-10	06/08/15
BF50391-BLK1	Blank	06/08/15
BF50391-SRM1	Reference	06/08/15

**Batch ID:** BF50473                      **Preparation Method:** % Solids Prep                      **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
15F0238-01	WQ060315; 1330 NP2-10	06/09/15
BF50473-BLK1	Blank	06/09/15

**Batch ID:** BF50527                      **Preparation Method:** EPA 5030B                      **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15F0237-01	WQ060315; 1320 NP2-6	06/10/15
15F0238-01	WQ060315; 1330 NP2-10	06/10/15
BF50527-BLK1	Blank	06/10/15
BF50527-BS1	LCS	06/10/15
BF50527-BSD1	LCS Dup	06/10/15



**Volatile Organic Compounds by GC/MS - Quality Control Data**  
**York Analytical Laboratories, Inc.**

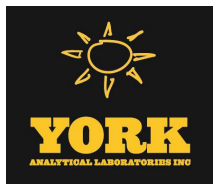
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BF50527 - EPA 5030B**

**Blank (BF50527-BLK1)**

Prepared & Analyzed: 06/10/2015

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	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
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	0.21	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 GC/MS - 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 BF50527 - EPA 5030B

Blank (BF50527-BLK1)

Prepared & Analyzed: 06/10/2015

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

9.91

"

10.0

99.1

69-130

Surrogate: Toluene-d8

9.53

"

10.0

95.3

81-117

Surrogate: p-Bromofluorobenzene

9.19

"

10.0

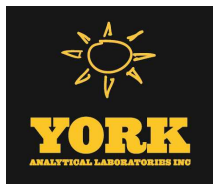
91.9

79-122

LCS (BF50527-BS1)

Prepared & Analyzed: 06/10/2015

1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100	82-126				
1,1,1-Trichloroethane	9.89		"	10.0		98.9	78-136				
1,1,2,2-Tetrachloroethane	10.0		"	10.0		100	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	4.49		"	10.0		44.9	54-165	Low Bias			
1,1,2-Trichloroethane	9.94		"	10.0		99.4	82-123				
1,1-Dichloroethane	11.4		"	10.0		114	82-129				
1,1-Dichloroethylene	11.1		"	10.0		111	68-138				
1,1-Dichloropropylene	10.8		"	10.0		108	83-133				
1,2,3-Trichlorobenzene	10.2		"	10.0		102	76-136				
1,2,3-Trichloropropane	9.80		"	10.0		98.0	77-128				
1,2,4-Trichlorobenzene	10.3		"	10.0		103	76-137				
1,2,4-Trimethylbenzene	9.72		"	10.0		97.2	82-132				
1,2-Dibromo-3-chloropropane	7.98		"	10.0		79.8	45-147				
1,2-Dibromoethane	10.2		"	10.0		102	83-124				
1,2-Dichlorobenzene	9.92		"	10.0		99.2	79-123				
1,2-Dichloroethane	10.7		"	10.0		107	73-132				
1,2-Dichloropropane	9.69		"	10.0		96.9	78-126				
1,3,5-Trimethylbenzene	10.0		"	10.0		100	80-131				
1,3-Dichlorobenzene	10.7		"	10.0		107	86-122				
1,3-Dichloropropane	9.82		"	10.0		98.2	81-125				
1,4-Dichlorobenzene	10.7		"	10.0		107	85-124				
2,2-Dichloropropane	10.6		"	10.0		106	56-150				
2-Chlorotoluene	10.1		"	10.0		101	79-130				
2-Hexanone	8.26		"	10.0		82.6	51-146				
4-Chlorotoluene	9.95		"	10.0		99.5	79-128				
Acetone	7.01		"	10.0		70.1	14-150				
Benzene	11.6		"	10.0		116	85-126				
Bromobenzene	9.44		"	10.0		94.4	78-129				
Bromochloromethane	10.7		"	10.0		107	77-128				
Bromodichloromethane	9.47		"	10.0		94.7	79-128				
Bromoform	8.94		"	10.0		89.4	78-133				
Bromomethane	3.41		"	10.0		34.1	43-168	Low Bias			
Carbon tetrachloride	10.5		"	10.0		105	77-141				
Chlorobenzene	10.4		"	10.0		104	88-120				



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

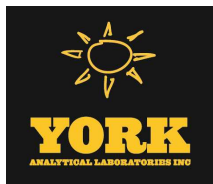
Analyte	Result	Reporting	Units	Spike Level	Source*	%REC	%REC Limits	Flag	RPD	RPD	Flag
		Limit			Result					Limit	

**Batch BF50527 - EPA 5030B**

**LCS (BF50527-BS1)**

Prepared & Analyzed: 06/10/2015

Chloroethane	9.23		ug/L	10.0		92.3	65-136				
Chloroform	11.4		"	10.0		114	82-128				
Chloromethane	7.81		"	10.0		78.1	43-155				
cis-1,2-Dichloroethylene	10.7		"	10.0		107	83-129				
cis-1,3-Dichloropropylene	8.95		"	10.0		89.5	80-131				
Dibromochloromethane	9.67		"	10.0		96.7	80-130				
Dibromomethane	9.79		"	10.0		97.9	72-134				
Dichlorodifluoromethane	9.36		"	10.0		93.6	44-144				
Ethyl Benzene	9.99		"	10.0		99.9	80-131				
Hexachlorobutadiene	9.31		"	10.0		93.1	67-146				
Isopropylbenzene	10.2		"	10.0		102	76-140				
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	76-135				
Methylene chloride	9.94		"	10.0		99.4	55-137				
Naphthalene	10.3		"	10.0		103	70-147				
n-Butylbenzene	9.83		"	10.0		98.3	79-132				
n-Propylbenzene	10.4		"	10.0		104	78-133				
o-Xylene	10.4		"	10.0		104	78-130				
p- & m- Xylenes	21.3		"	20.0		107	77-133				
p-Isopropyltoluene	10.3		"	10.0		103	81-136				
sec-Butylbenzene	10.2		"	10.0		102	79-137				
Styrene	11.8		"	10.0		118	67-132				
tert-Butylbenzene	10.1		"	10.0		101	77-138				
Tetrachloroethylene	10.1		"	10.0		101	82-131				
Toluene	10.0		"	10.0		100	80-127				
trans-1,2-Dichloroethylene	10.8		"	10.0		108	80-132				
trans-1,3-Dichloropropylene	8.34		"	10.0		83.4	78-131				
Trichloroethylene	10.0		"	10.0		100	82-128				
Trichlorofluoromethane	10.3		"	10.0		103	67-139				
Vinyl Chloride	9.75		"	10.0		97.5	58-145				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.89</i>		<i>"</i>	<i>10.0</i>		<i>98.9</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.45</i>		<i>"</i>	<i>10.0</i>		<i>94.5</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.39</i>		<i>"</i>	<i>10.0</i>		<i>93.9</i>	<i>79-122</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BF50527 - EPA 5030B</b>											
<b>LCS Dup (BF50527-BSD1)</b>											
Prepared & Analyzed: 06/10/2015											
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126		1.68	30	
1,1,1-Trichloroethane	11.4		"	10.0		114	78-136		14.3	30	
1,1,2,2-Tetrachloroethane	9.88		"	10.0		98.8	76-129		1.31	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	4.60		"	10.0		46.0	54-165	Low Bias	2.42	30	
1,1,2-Trichloroethane	9.28		"	10.0		92.8	82-123		6.87	30	
1,1-Dichloroethane	11.5		"	10.0		115	82-129		1.31	30	
1,1-Dichloroethylene	11.0		"	10.0		110	68-138		1.09	30	
1,1-Dichloropropylene	11.7		"	10.0		117	83-133		7.98	30	
1,2,3-Trichlorobenzene	10.4		"	10.0		104	76-136		1.26	30	
1,2,3-Trichloropropane	9.89		"	10.0		98.9	77-128		0.914	30	
1,2,4-Trichlorobenzene	10.3		"	10.0		103	76-137		0.291	30	
1,2,4-Trimethylbenzene	9.83		"	10.0		98.3	82-132		1.13	30	
1,2-Dibromo-3-chloropropane	8.36		"	10.0		83.6	45-147		4.65	30	
1,2-Dibromoethane	9.62		"	10.0		96.2	83-124		6.15	30	
1,2-Dichlorobenzene	10.0		"	10.0		100	79-123		0.803	30	
1,2-Dichloroethane	10.8		"	10.0		108	73-132		1.39	30	
1,2-Dichloropropane	8.91		"	10.0		89.1	78-126		8.39	30	
1,3,5-Trimethylbenzene	10.1		"	10.0		101	80-131		1.09	30	
1,3-Dichlorobenzene	10.9		"	10.0		109	86-122		1.85	30	
1,3-Dichloropropane	9.22		"	10.0		92.2	81-125		6.30	30	
1,4-Dichlorobenzene	10.6		"	10.0		106	85-124		0.655	30	
2,2-Dichloropropane	10.4		"	10.0		104	56-150		2.38	30	
2-Chlorotoluene	10.1		"	10.0		101	79-130		0.199	30	
2-Hexanone	8.20		"	10.0		82.0	51-146		0.729	30	
4-Chlorotoluene	9.82		"	10.0		98.2	79-128		1.32	30	
Acetone	7.65		"	10.0		76.5	14-150		8.73	30	
Benzene	11.8		"	10.0		118	85-126		2.05	30	
Bromobenzene	9.62		"	10.0		96.2	78-129		1.89	30	
Bromochloromethane	10.2		"	10.0		102	77-128		4.69	30	
Bromodichloromethane	8.95		"	10.0		89.5	79-128		5.65	30	
Bromoform	8.58		"	10.0		85.8	78-133		4.11	30	
Bromomethane	4.74		"	10.0		47.4	43-168		32.6	30	Non-dir.
Carbon tetrachloride	11.5		"	10.0		115	77-141		8.82	30	
Chlorobenzene	10.5		"	10.0		105	88-120		0.956	30	
Chloroethane	9.46		"	10.0		94.6	65-136		2.46	30	
Chloroform	11.6		"	10.0		116	82-128		1.13	30	
Chloromethane	8.13		"	10.0		81.3	43-155		4.02	30	
cis-1,2-Dichloroethylene	10.8		"	10.0		108	83-129		0.929	30	
cis-1,3-Dichloropropylene	8.38		"	10.0		83.8	80-131		6.58	30	
Dibromochloromethane	8.99		"	10.0		89.9	80-130		7.29	30	
Dibromomethane	9.09		"	10.0		90.9	72-134		7.42	30	
Dichlorodifluoromethane	9.11		"	10.0		91.1	44-144		2.71	30	
Ethyl Benzene	10.2		"	10.0		102	80-131		1.59	30	
Hexachlorobutadiene	9.59		"	10.0		95.9	67-146		2.96	30	
Isopropylbenzene	10.4		"	10.0		104	76-140		1.46	30	
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	76-135		0.186	30	
Methylene chloride	9.94		"	10.0		99.4	55-137		0.00	30	
Naphthalene	10.3		"	10.0		103	70-147		0.00	30	
n-Butylbenzene	10.0		"	10.0		100	79-132		1.91	30	
n-Propylbenzene	10.4		"	10.0		104	78-133		0.385	30	
o-Xylene	9.82		"	10.0		98.2	78-130		5.26	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

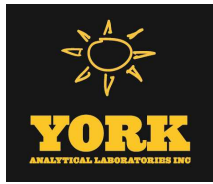
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF50527 - EPA 5030B

LCS Dup (BF50527-BSD1)

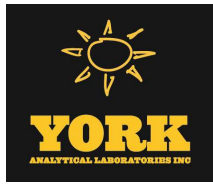
Prepared & Analyzed: 06/10/2015

p- & m- Xylenes	21.5		ug/L	20.0		107	77-133		0.701	30	
p-Isopropyltoluene	10.5		"	10.0		105	81-136		1.92	30	
sec-Butylbenzene	10.3		"	10.0		103	79-137		1.08	30	
Styrene	11.1		"	10.0		111	67-132		6.30	30	
tert-Butylbenzene	10.3		"	10.0		103	77-138		1.76	30	
Tetrachloroethylene	9.25		"	10.0		92.5	82-131		8.39	30	
Toluene	9.40		"	10.0		94.0	80-127		6.68	30	
trans-1,2-Dichloroethylene	10.9		"	10.0		109	80-132		0.184	30	
trans-1,3-Dichloropropylene	7.90		"	10.0		79.0	78-131		5.42	30	
Trichloroethylene	9.37		"	10.0		93.7	82-128		7.00	30	
Trichlorofluoromethane	10.5		"	10.0		105	67-139		1.73	30	
Vinyl Chloride	9.98		"	10.0		99.8	58-145		2.33	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	9.52		"	10.0		95.2	69-130				
<i>Surrogate: Toluene-d8</i>	8.68		"	10.0		86.8	81-117				
<i>Surrogate: p-Bromofluorobenzene</i>	9.32		"	10.0		93.2	79-122				



**Metals by ICP - Quality Control Data**  
**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BF50346 - EPA 3010A</b>											
<b>Blank (BF50346-BLK1)</b>											
								Prepared & Analyzed: 06/06/2015			
Iron	ND	0.0200	mg/L								
<b>Reference (BF50346-SRM1)</b>											
								Prepared & Analyzed: 06/06/2015			
Iron	0.323	0.0200	mg/L	0.354		91.1	85-115				
<b>Batch BF50391 - EPA 3010A</b>											
<b>Blank (BF50391-BLK1)</b>											
								Prepared & Analyzed: 06/08/2015			
Iron - Dissolved	ND	0.0200	mg/L								
<b>Reference (BF50391-SRM1)</b>											
								Prepared & Analyzed: 06/08/2015			
Iron - Dissolved	0.325	0.0200	mg/L	0.354		91.9	85-115				



Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

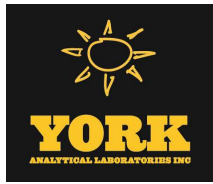
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BF50473 - % Solids Prep**

**Blank (BF50473-BLK1)**

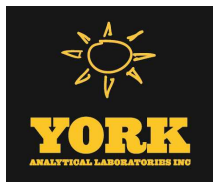
Prepared: 06/09/2015 Analyzed: 06/10/2015

Total Dissolved Solids	ND	10.0	mg/L								
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### Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15F0237-01	WQ060315; 1320 NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15F0238-01	WQ060315; 1330 NP2-10	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/LOD) or in the case of a TIC, the result is an estimated concentration.
<hr/>	
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
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 LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

# 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. 15F0237

<b>YOUR Information</b> Company: <u>LB&amp;</u> Address: <u>4 Wheeler Dr, Suite 301</u> <u>Shelton, CT 06484</u> Phone No. <u>203-989-8555</u> Contact Person: <u>Tonda Sandor</u> E-Mail Address: <u>Tsandor@lb&amp;ct.com</u>		<b>Report To:</b> Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		<b>Invoice To:</b> Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		<b>YOUR Project ID</b> <u>Arwe Industries.</u> Purchase Order No. <u>NAB5A6.</u> Samples from: CT <u>NY</u> X NJ		<b>Turn-Around Time</b> 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"/>		<b>Report Type</b> Summary Report: <u>X</u> pdf Summary w/ QA Summary: <u>X</u> pdf CT RCP Package CTRCP DQADUE Pkg NY ASP A Package NY ASP B Package <u>N2-10.0aly</u> NIDEP Red. Deliv. Electronic Data Deliverables (EDD)	
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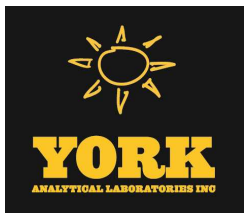
*Please Clearly and Legibly. All information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any question by York are resolved.*

Volatiles E240 full STARS list BTEX MTBE TCL list TAGM list CT RCP list Arou. only Halog. only App. IX list SXP or TCLP 302B list	Semt. Volat. Perchlorated 8270 or 623 STARS list BN Only Acids Only PAH list TAGM list Site Spec. SXP or TCLP TCLP list CT RCP list Arou. only Halog. only App. IX list SXP or TCLP 302B list	Metals RCRA8 PPH list TAL CTIS list TAGM list NIDEP list Total Dissolved SXP or TCLP Herb Chloride BNA 608 Pest SXP or TCLP 608 PCB	Misc. Org. TPH GRO TPH DR0 CT BTPH NY 310-43 TPH 1664 Air TO14A Air TO15 Air STARS Air VEH Air TICs Mediane Helium	Full Lists PEL Poll. TCL Organs TAL-MAC3 Full TCLP Full App. IX Part 500-Rout. Part 500-Beache Part 500-Feedst Part 500-Feedst Part 500-Feedst NIDEP-Rout. NIDEP-Cover Adbestos TOX BTUWh. Acoustic Tox TOC Adbestos Sites	Misc. Consistency Ignitability Flash Point Stone Anal. Heteroatoms TOX BTUWh. Acoustic Tox TOC Adbestos Sites
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<b>Matrix Codes</b> S - soil Other - specify (oil, etc) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		<b>Sample Matrix</b> Date Sampled <u>6-3-15</u> <u>GW</u> Date Sampled <u>6-3-15</u> <u>GW</u>		<b>Choose Analyses Needed from the Menu Above and Enter Below</b> Fe by EPA 200.7 Fe; Dissolved by EPA 6020 (SW 46-6016) 160cs, 8260 List (EPA SW 845-8260) obs from 13 Fe by EPA 200.7 Fe; Dissolved by EPA 6020 (SW 845-8016) 160cs 8260 List (EPA SW 845-8260) obs from 13 / TOS (SH 2540c)		<b>Container Description(s)</b> Vials + plastic Vials + plastic	
<b>Comments</b> Preservation <input type="checkbox"/> Check (use applicable) Special <input type="checkbox"/> Instructions <input type="checkbox"/> Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>		Samples Returned By: <u>[Signature]</u> Date/Time: <u>6-3-15 19:10</u> Samples Relinquished By: <u>[Signature]</u> Date/Time: <u>6-5-15 15:59</u> Samples Received In Lab by: <u>[Signature]</u> Date/Time: <u>6-3-15 19:10</u> Samples Received By: <u>[Signature]</u> Date/Time: <u>6-5-15 15:17</u>		Temperature on Receipt: <u>4-3.6</u>			

*Dec'd AT 1/5/15 13:59*





# Technical Report

prepared for:

**Leggette Brashears & Graham Shelton Office**

4 Research Drive, Suite 204

Shelton CT, 06484

**Attention: Tunde Komuves-Sandor**

Report Date: 06/26/2015

**Client Project ID: Rowe Industries**

York Project (SDG) No.: 15F0750

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 06/26/2015  
Client Project ID: Rowe Industries  
York Project (SDG) No.: 15F0750

**Leggette Brashears & Graham Shelton Office**  
4 Research Drive, Suite 204  
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 19, 2015 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>
15F0750-01	WQ061715:1200 NP2-6	Water	06/17/2015	06/19/2015
15F0750-02	WQ061715:1210 NP2-7	Water	06/17/2015	06/19/2015
15F0753-01	WQ061715:1220 NP2-10	Water	06/17/2015	06/19/2015

## General Notes for York Project (SDG) No.: 15F0750

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.

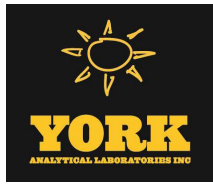
Approved By:



Benjamin Gulizia  
Laboratory Director

Date: 06/26/2015





### Sample Information

**Client Sample ID:** WQ061715:1200 NP2-6

**York Sample ID:** 15F0750-01

<u>York Project (SDG) No.</u> 15F0750	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 17, 2015 12:00 pm	<u>Date Received</u> 06/19/2015
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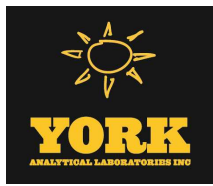
**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS



### Sample Information

**Client Sample ID:** WQ061715:1200 NP2-6

**York Sample ID:** 15F0750-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0750

Rowe Industries

Water

June 17, 2015 12:00 pm

06/19/2015

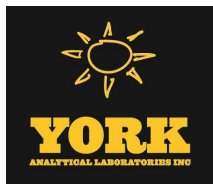
**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
74-83-9	Bromomethane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS



### Sample Information

**Client Sample ID:** WQ061715:1200 NP2-6

**York Sample ID:** 15F0750-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0750

Rowe Industries

Water

June 17, 2015 12:00 pm

06/19/2015

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	06/25/2015 16:49	06/26/2015 07:26	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	06/25/2015 16:49	06/26/2015 07:26	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
127-18-4	<b>Tetrachloroethylene</b>	<b>1.6</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
79-01-6	<b>Trichloroethylene</b>	<b>0.26</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/25/2015 16:49	06/26/2015 07:26	SS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	69-130								
2037-26-5	Surrogate: Toluene-d8	97.6 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	102 %	79-122								

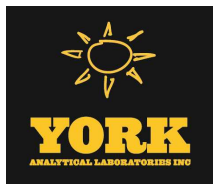
**Iron by EPA 200.7**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	<b>Iron</b>	<b>8.91</b>		mg/L	0.0146	0.0200	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2015 10:16	06/24/2015 01:53	ALD



### Sample Information

**Client Sample ID:** WQ061715:1200 NP2-6

**York Sample ID:** 15F0750-01

<u>York Project (SDG) No.</u> 15F0750	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 17, 2015 12:00 pm	<u>Date Received</u> 06/19/2015
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**Iron, Dissolved by EPA 6010**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.0562		mg/L	0.0200	0.0200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 11:50	06/26/2015 00:02	ALD

### Sample Information

**Client Sample ID:** WQ061715:1210 NP2-7

**York Sample ID:** 15F0750-02

<u>York Project (SDG) No.</u> 15F0750	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 17, 2015 12:10 pm	<u>Date Received</u> 06/19/2015
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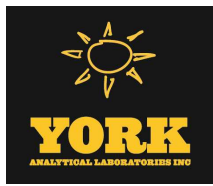
**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS



### Sample Information

**Client Sample ID:** WQ061715:1210 NP2-7

**York Sample ID:** 15F0750-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0750

Rowe Industries

Water

June 17, 2015 12:10 pm

06/19/2015

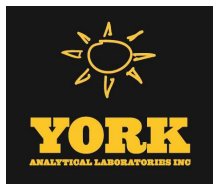
**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
74-83-9	Bromomethane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS



### Sample Information

**Client Sample ID:** WQ061715:1210 NP2-7

**York Sample ID:** 15F0750-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0750

Rowe Industries

Water

June 17, 2015 12:10 pm

06/19/2015

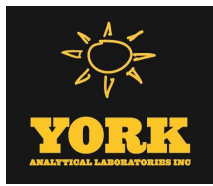
**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	06/24/2015 16:44	06/25/2015 02:46	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	06/24/2015 16:44	06/25/2015 02:46	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 02:46	SS



Sample Information

Client Sample ID: WQ061715:1210 NP2-7

York Sample ID: 15F0750-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0750

Rowe Industries

Water

June 17, 2015 12:10 pm

06/19/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for Xylenes, Total and Surrogate Recoveries.

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes row for Iron.

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes row for Iron.

Sample Information

Client Sample ID: WQ061715:1220 NP2-10

York Sample ID: 15F0753-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0753

Rowe Industries

Water

June 17, 2015 12:20 pm

06/19/2015

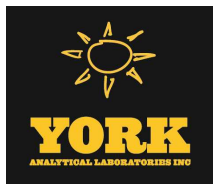
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for various Tetrachloroethane and Trichloroethane compounds.



### Sample Information

**Client Sample ID:** WQ061715:1220 NP2-10

**York Sample ID:** 15F0753-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0753

Rowe Industries

Water

June 17, 2015 12:20 pm

06/19/2015

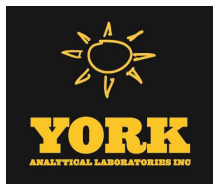
**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS



### Sample Information

**Client Sample ID:** WQ061715:1220 NP2-10

**York Sample ID:** 15F0753-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0753

Rowe Industries

Water

June 17, 2015 12:20 pm

06/19/2015

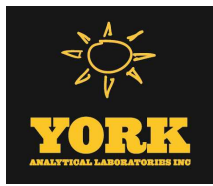
**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
74-83-9	Bromomethane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	06/24/2015 16:44	06/25/2015 03:19	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	06/24/2015 16:44	06/25/2015 03:19	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS



### Sample Information

**Client Sample ID:** WQ061715:1220 NP2-10

**York Sample ID:** 15F0753-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0753

Rowe Industries

Water

June 17, 2015 12:20 pm

06/19/2015

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/24/2015 16:44	06/25/2015 03:19	SS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.3 %			69-130						
2037-26-5	Surrogate: Toluene-d8	93.5 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	99.8 %			79-122						

**Iron by EPA 200.7**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	3.00		mg/L	0.0146	0.0200	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/23/2015 10:16	06/24/2015 02:02	ALD

**Iron, Dissolved by EPA 6010**

**Log-in Notes:**

**Sample Notes:**

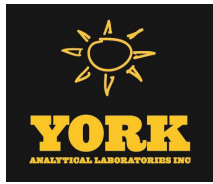
Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.113		mg/L	0.0200	0.0200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 11:50	06/26/2015 00:25	ALD

**Total Dissolved Solids**

**Log-in Notes:**

**Sample Notes:**



**Sample Information**

**Client Sample ID:** WQ061715:1220 NP2-10

**York Sample ID:** 15F0753-01

York Project (SDG) No.  
15F0753

Client Project ID  
Rowe Industries

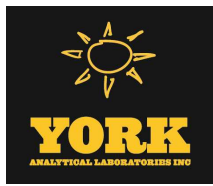
Matrix  
Water

Collection Date/Time  
June 17, 2015 12:20 pm

Date Received  
06/19/2015

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	<b>Total Dissolved Solids</b>	<b>147</b>		mg/L	10.0	10.0	1	SM 2540C	06/24/2015 11:02	06/24/2015 11:02	AA
								Certifications:	NELAC-NY10854,CTDOH,NJDEP		



## Analytical Batch Summary

**Batch ID:** BF51120      **Preparation Method:** EPA 200.7      **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15F0750-01	WQ061715:1200 NP2-6	06/23/15
15F0750-02	WQ061715:1210 NP2-7	06/23/15
15F0753-01	WQ061715:1220 NP2-10	06/23/15
BF51120-BLK1	Blank	06/23/15
BF51120-SRM1	Reference	06/23/15

**Batch ID:** BF51198      **Preparation Method:** % Solids Prep      **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
15F0753-01	WQ061715:1220 NP2-10	06/24/15
BF51198-BLK1	Blank	06/24/15

**Batch ID:** BF51215      **Preparation Method:** EPA 5030B      **Prepared By:** BGS

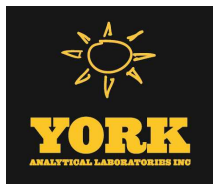
YORK Sample ID	Client Sample ID	Preparation Date
15F0750-02	WQ061715:1210 NP2-7	06/24/15
15F0753-01	WQ061715:1220 NP2-10	06/24/15
BF51215-BLK1	Blank	06/24/15
BF51215-BS1	LCS	06/24/15
BF51215-BSD1	LCS Dup	06/24/15

**Batch ID:** BF51277      **Preparation Method:** EPA 3010A      **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15F0750-01	WQ061715:1200 NP2-6	06/25/15
15F0750-02	WQ061715:1210 NP2-7	06/25/15
15F0753-01	WQ061715:1220 NP2-10	06/25/15
BF51277-BLK1	Blank	06/25/15
BF51277-MS1	Matrix Spike	06/25/15
BF51277-SRM1	Reference	06/25/15

**Batch ID:** BF51306      **Preparation Method:** EPA 5030B      **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15F0750-01	WQ061715:1200 NP2-6	06/25/15
BF51306-BLK1	Blank	06/25/15
BF51306-BS1	LCS	06/25/15
BF51306-BSD1	LCS Dup	06/25/15



**Volatile Organic Compounds by GC/MS - 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 BF51215 - EPA 5030B**

**Blank (BF51215-BLK1)**

Prepared & Analyzed: 06/24/2015

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	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
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	1.6	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	2.0	"								
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 GC/MS - 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 BF51215 - EPA 5030B**

**Blank (BF51215-BLK1)**

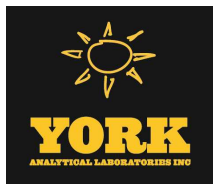
Prepared & Analyzed: 06/24/2015

p- & m- Xylenes	ND	1.0	ug/L								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	9.48		"	10.0		94.8	69-130				
<i>Surrogate: Toluene-d8</i>	9.56		"	10.0		95.6	81-117				
<i>Surrogate: p-Bromofluorobenzene</i>	10.2		"	10.0		102	79-122				

**LCS (BF51215-BS1)**

Prepared & Analyzed: 06/24/2015

1,1,1,2-Tetrachloroethane	9.86		ug/L	10.0		98.6	82-126				
1,1,1-Trichloroethane	10.7		"	10.0		107	78-136				
1,1,2,2-Tetrachloroethane	10.0		"	10.0		100	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.9		"	10.0		109	54-165				
1,1,2-Trichloroethane	10.8		"	10.0		108	82-123				
1,1-Dichloroethane	11.1		"	10.0		111	82-129				
1,1-Dichloroethylene	10.4		"	10.0		104	68-138				
1,1-Dichloropropylene	11.0		"	10.0		110	83-133				
1,2,3-Trichlorobenzene	9.03		"	10.0		90.3	76-136				
1,2,3-Trichloropropane	10.0		"	10.0		100	77-128				
1,2,4-Trichlorobenzene	9.35		"	10.0		93.5	76-137				
1,2,4-Trimethylbenzene	9.97		"	10.0		99.7	82-132				
1,2-Dibromo-3-chloropropane	9.00		"	10.0		90.0	45-147				
1,2-Dibromoethane	10.2		"	10.0		102	83-124				
1,2-Dichlorobenzene	9.60		"	10.0		96.0	79-123				
1,2-Dichloroethane	10.3		"	10.0		103	73-132				
1,2-Dichloropropane	10.6		"	10.0		106	78-126				
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131				
1,3-Dichlorobenzene	9.69		"	10.0		96.9	86-122				
1,3-Dichloropropane	10.4		"	10.0		104	81-125				
1,4-Dichlorobenzene	9.68		"	10.0		96.8	85-124				
2,2-Dichloropropane	8.15		"	10.0		81.5	56-150				
2-Chlorotoluene	10.0		"	10.0		100	79-130				
2-Hexanone	10.5		"	10.0		105	51-146				
4-Chlorotoluene	9.93		"	10.0		99.3	79-128				
Acetone	8.81		"	10.0		88.1	14-150				
Benzene	11.1		"	10.0		111	85-126				
Bromobenzene	9.67		"	10.0		96.7	78-129				
Bromochloromethane	11.4		"	10.0		114	77-128				
Bromodichloromethane	10.5		"	10.0		105	79-128				
Bromoform	10.4		"	10.0		104	78-133				
Bromomethane	8.67		"	10.0		86.7	43-168				
Carbon tetrachloride	11.1		"	10.0		111	77-141				
Chlorobenzene	10.0		"	10.0		100	88-120				



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

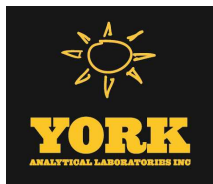
Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	
		Limit								Units	Level

**Batch BF51215 - EPA 5030B**

**LCS (BF51215-BS1)**

Prepared & Analyzed: 06/24/2015

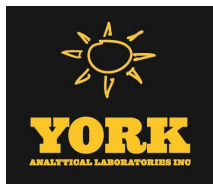
Chloroethane	10.0		ug/L	10.0		100	65-136				
Chloroform	10.8		"	10.0		108	82-128				
Chloromethane	9.70		"	10.0		97.0	43-155				
cis-1,2-Dichloroethylene	10.5		"	10.0		105	83-129				
cis-1,3-Dichloropropylene	10.6		"	10.0		106	80-131				
Dibromochloromethane	10.4		"	10.0		104	80-130				
Dibromomethane	10.3		"	10.0		103	72-134				
Dichlorodifluoromethane	8.76		"	10.0		87.6	44-144				
Ethyl Benzene	10.3		"	10.0		103	80-131				
Hexachlorobutadiene	9.28		"	10.0		92.8	67-146				
Isopropylbenzene	10.2		"	10.0		102	76-140				
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	76-135				
Methylene chloride	10.1		"	10.0		101	55-137				
Naphthalene	9.61		"	10.0		96.1	70-147				
n-Butylbenzene	10.0		"	10.0		100	79-132				
n-Propylbenzene	10.1		"	10.0		101	78-133				
o-Xylene	10.2		"	10.0		102	78-130				
p- & m- Xylenes	20.4		"	20.0		102	77-133				
p-Isopropyltoluene	10.0		"	10.0		100	81-136				
sec-Butylbenzene	10.2		"	10.0		102	79-137				
Styrene	10.2		"	10.0		102	67-132				
tert-Butylbenzene	10.0		"	10.0		100	77-138				
Tetrachloroethylene	9.43		"	10.0		94.3	82-131				
Toluene	10.6		"	10.0		106	80-127				
trans-1,2-Dichloroethylene	10.9		"	10.0		109	80-132				
trans-1,3-Dichloropropylene	10.5		"	10.0		105	78-131				
Trichloroethylene	10.1		"	10.0		101	82-128				
Trichlorofluoromethane	10.1		"	10.0		101	67-139				
Vinyl Chloride	10.9		"	10.0		109	58-145				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.97</i>		<i>"</i>	<i>10.0</i>		<i>99.7</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.94</i>		<i>"</i>	<i>10.0</i>		<i>99.4</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.72</i>		<i>"</i>	<i>10.0</i>		<i>97.2</i>	<i>79-122</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BF51215 - EPA 5030B</b>											
<b>LCS Dup (BF51215-BSD1)</b>											
Prepared & Analyzed: 06/24/2015											
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82-126		2.80	30	
1,1,1-Trichloroethane	11.4		"	10.0		114	78-136		5.70	30	
1,1,2,2-Tetrachloroethane	9.94		"	10.0		99.4	76-129		0.802	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.0		"	10.0		120	54-165		9.24	30	
1,1,2-Trichloroethane	10.2		"	10.0		102	82-123		4.76	30	
1,1-Dichloroethane	11.6		"	10.0		116	82-129		4.57	30	
1,1-Dichloroethylene	11.2		"	10.0		112	68-138		6.94	30	
1,1-Dichloropropylene	11.7		"	10.0		117	83-133		6.25	30	
1,2,3-Trichlorobenzene	9.51		"	10.0		95.1	76-136		5.18	30	
1,2,3-Trichloropropane	9.93		"	10.0		99.3	77-128		1.00	30	
1,2,4-Trichlorobenzene	9.73		"	10.0		97.3	76-137		3.98	30	
1,2,4-Trimethylbenzene	10.3		"	10.0		103	82-132		3.45	30	
1,2-Dibromo-3-chloropropane	9.26		"	10.0		92.6	45-147		2.85	30	
1,2-Dibromoethane	10.0		"	10.0		100	83-124		1.29	30	
1,2-Dichlorobenzene	9.84		"	10.0		98.4	79-123		2.47	30	
1,2-Dichloroethane	10.9		"	10.0		109	73-132		5.18	30	
1,2-Dichloropropane	9.85		"	10.0		98.5	78-126		7.80	30	
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131		1.91	30	
1,3-Dichlorobenzene	9.82		"	10.0		98.2	86-122		1.33	30	
1,3-Dichloropropane	10.4		"	10.0		104	81-125		0.481	30	
1,4-Dichlorobenzene	9.82		"	10.0		98.2	85-124		1.44	30	
2,2-Dichloropropane	8.42		"	10.0		84.2	56-150		3.26	30	
2-Chlorotoluene	10.0		"	10.0		100	79-130		0.200	30	
2-Hexanone	10.6		"	10.0		106	51-146		0.0948	30	
4-Chlorotoluene	10.0		"	10.0		100	79-128		0.702	30	
Acetone	9.51		"	10.0		95.1	14-150		7.64	30	
Benzene	11.7		"	10.0		117	85-126		5.43	30	
Bromobenzene	10.1		"	10.0		101	78-129		4.25	30	
Bromochloromethane	11.7		"	10.0		117	77-128		2.77	30	
Bromodichloromethane	10.0		"	10.0		100	79-128		4.40	30	
Bromoform	10.2		"	10.0		102	78-133		2.24	30	
Bromomethane	11.5		"	10.0		115	43-168		28.2	30	
Carbon tetrachloride	11.8		"	10.0		118	77-141		6.29	30	
Chlorobenzene	10.1		"	10.0		101	88-120		0.896	30	
Chloroethane	10.9		"	10.0		109	65-136		8.34	30	
Chloroform	11.5		"	10.0		115	82-128		6.29	30	
Chloromethane	10.4		"	10.0		104	43-155		7.16	30	
cis-1,2-Dichloroethylene	11.0		"	10.0		110	83-129		5.03	30	
cis-1,3-Dichloropropylene	9.91		"	10.0		99.1	80-131		7.10	30	
Dibromochloromethane	10.3		"	10.0		103	80-130		0.771	30	
Dibromomethane	9.96		"	10.0		99.6	72-134		3.26	30	
Dichlorodifluoromethane	10.2		"	10.0		102	44-144		14.8	30	
Ethyl Benzene	10.3		"	10.0		103	80-131		0.0968	30	
Hexachlorobutadiene	9.85		"	10.0		98.5	67-146		5.96	30	
Isopropylbenzene	10.5		"	10.0		105	76-140		3.18	30	
Methyl tert-butyl ether (MTBE)	11.2		"	10.0		112	76-135		5.48	30	
Methylene chloride	10.6		"	10.0		106	55-137		4.26	30	
Naphthalene	9.77		"	10.0		97.7	70-147		1.65	30	
n-Butylbenzene	10.3		"	10.0		103	79-132		3.05	30	
n-Propylbenzene	10.4		"	10.0		104	78-133		3.12	30	
o-Xylene	10.2		"	10.0		102	78-130		0.0984	30	



Volatile Organic Compounds by GC/MS - 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 BF51215 - EPA 5030B**

**LCS Dup (BF51215-BSD1)**

Prepared & Analyzed: 06/24/2015

p- & m- Xylenes	20.5		ug/L	20.0		102	77-133		0.147	30	
p-Isopropyltoluene	10.3		"	10.0		103	81-136		2.85	30	
sec-Butylbenzene	10.6		"	10.0		106	79-137		3.46	30	
Styrene	10.2		"	10.0		102	67-132		0.0976	30	
tert-Butylbenzene	10.4		"	10.0		104	77-138		3.62	30	
Tetrachloroethylene	9.11		"	10.0		91.1	82-131		3.45	30	
Toluene	10.1		"	10.0		101	80-127		4.25	30	
trans-1,2-Dichloroethylene	11.4		"	10.0		114	80-132		4.48	30	
trans-1,3-Dichloropropylene	9.82		"	10.0		98.2	78-131		6.41	30	
Trichloroethylene	9.68		"	10.0		96.8	82-128		4.25	30	
Trichlorofluoromethane	11.1		"	10.0		111	67-139		9.82	30	
Vinyl Chloride	11.9		"	10.0		119	58-145		9.11	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.89</i>		<i>"</i>	<i>10.0</i>		<i>98.9</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.51</i>		<i>"</i>	<i>10.0</i>		<i>95.1</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>79-122</i>				

**Batch BF51306 - EPA 5030B**

**Blank (BF51306-BLK1)**

Prepared & Analyzed: 06/25/2015

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	0.24	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
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	1.2	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 GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

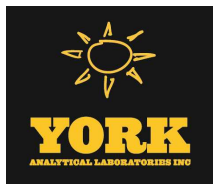
Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit								RPD	

**Batch BF51306 - EPA 5030B**

**Blank (BF51306-BLK1)**

Prepared & Analyzed: 06/25/2015

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	9.14		"	10.0		91.4		69-130			
Surrogate: Toluene-d8	10.1		"	10.0		101		81-117			
Surrogate: p-Bromofluorobenzene	10.0		"	10.0		100		79-122			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

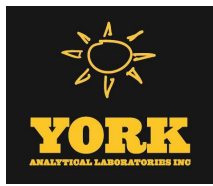
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF51306 - EPA 5030B

LCS (BF51306-BS1)

Prepared & Analyzed: 06/25/2015

1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126				
1,1,1-Trichloroethane	10.8		"	10.0		108	78-136				
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	54-165				
1,1,2-Trichloroethane	10.7		"	10.0		107	82-123				
1,1-Dichloroethane	11.8		"	10.0		118	82-129				
1,1-Dichloroethylene	10.9		"	10.0		109	68-138				
1,1-Dichloropropylene	11.3		"	10.0		113	83-133				
1,2,3-Trichlorobenzene	9.63		"	10.0		96.3	76-136				
1,2,3-Trichloropropane	10.4		"	10.0		104	77-128				
1,2,4-Trichlorobenzene	9.94		"	10.0		99.4	76-137				
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132				
1,2-Dibromo-3-chloropropane	9.54		"	10.0		95.4	45-147				
1,2-Dibromoethane	10.4		"	10.0		104	83-124				
1,2-Dichlorobenzene	10.2		"	10.0		102	79-123				
1,2-Dichloroethane	10.7		"	10.0		107	73-132				
1,2-Dichloropropane	10.8		"	10.0		108	78-126				
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131				
1,3-Dichlorobenzene	10.0		"	10.0		100	86-122				
1,3-Dichloropropane	11.0		"	10.0		110	81-125				
1,4-Dichlorobenzene	10.1		"	10.0		101	85-124				
2,2-Dichloropropane	9.43		"	10.0		94.3	56-150				
2-Chlorotoluene	10.3		"	10.0		103	79-130				
2-Hexanone	11.3		"	10.0		113	51-146				
4-Chlorotoluene	10.3		"	10.0		103	79-128				
Acetone	8.33		"	10.0		83.3	14-150				
Benzene	12.0		"	10.0		120	85-126				
Bromobenzene	10.3		"	10.0		103	78-129				
Bromochloromethane	12.0		"	10.0		120	77-128				
Bromodichloromethane	10.5		"	10.0		105	79-128				
Bromoform	10.8		"	10.0		108	78-133				
Bromomethane	8.94		"	10.0		89.4	43-168				
Carbon tetrachloride	11.0		"	10.0		110	77-141				
Chlorobenzene	10.4		"	10.0		104	88-120				
Chloroethane	10.3		"	10.0		103	65-136				
Chloroform	11.4		"	10.0		114	82-128				
Chloromethane	9.57		"	10.0		95.7	43-155				
cis-1,2-Dichloroethylene	11.4		"	10.0		114	83-129				
cis-1,3-Dichloropropylene	11.0		"	10.0		110	80-131				
Dibromochloromethane	10.8		"	10.0		108	80-130				
Dibromomethane	10.7		"	10.0		107	72-134				
Dichlorodifluoromethane	8.68		"	10.0		86.8	44-144				
Ethyl Benzene	10.6		"	10.0		106	80-131				
Hexachlorobutadiene	9.36		"	10.0		93.6	67-146				
Isopropylbenzene	10.5		"	10.0		105	76-140				
Methyl tert-butyl ether (MTBE)	11.3		"	10.0		113	76-135				
Methylene chloride	10.8		"	10.0		108	55-137				
Naphthalene	9.95		"	10.0		99.5	70-147				
n-Butylbenzene	10.2		"	10.0		102	79-132				
n-Propylbenzene	10.5		"	10.0		105	78-133				
o-Xylene	10.6		"	10.0		106	78-130				



**Volatile Organic Compounds by GC/MS - Quality Control Data**  
**York Analytical Laboratories, Inc.**

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

**Batch BF51306 - EPA 5030B**

**LCS (BF51306-BS1)**

Prepared & Analyzed: 06/25/2015

p- & m- Xylenes	21.2		ug/L	20.0		106	77-133				
p-Isopropyltoluene	10.3		"	10.0		103	81-136				
sec-Butylbenzene	10.3		"	10.0		103	79-137				
Styrene	11.0		"	10.0		110	67-132				
tert-Butylbenzene	10.4		"	10.0		104	77-138				
Tetrachloroethylene	9.40		"	10.0		94.0	82-131				
Toluene	10.8		"	10.0		108	80-127				
trans-1,2-Dichloroethylene	11.4		"	10.0		114	80-132				
trans-1,3-Dichloropropylene	10.8		"	10.0		108	78-131				
Trichloroethylene	10.3		"	10.0		103	82-128				
Trichlorofluoromethane	9.60		"	10.0		96.0	67-139				
Vinyl Chloride	11.0		"	10.0		110	58-145				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	9.33		"	10.0		93.3	69-130				
<i>Surrogate: Toluene-d8</i>	9.59		"	10.0		95.9	81-117				
<i>Surrogate: p-Bromofluorobenzene</i>	9.74		"	10.0		97.4	79-122				

**LCS Dup (BF51306-BSD1)**

Prepared & Analyzed: 06/25/2015

1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126	3.65	30		
1,1,1-Trichloroethane	11.1		"	10.0		111	78-136	3.02	30		
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	76-129	1.58	30		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0		114	54-165	10.8	30		
1,1,2-Trichloroethane	11.6		"	10.0		116	82-123	7.81	30		
1,1-Dichloroethane	12.1		"	10.0		121	82-129	2.42	30		
1,1-Dichloroethylene	11.3		"	10.0		113	68-138	3.51	30		
1,1-Dichloropropylene	12.0		"	10.0		120	83-133	5.83	30		
1,2,3-Trichlorobenzene	9.97		"	10.0		99.7	76-136	3.47	30		
1,2,3-Trichloropropane	10.9		"	10.0		109	77-128	4.71	30		
1,2,4-Trichlorobenzene	9.96		"	10.0		99.6	76-137	0.201	30		
1,2,4-Trimethylbenzene	10.9		"	10.0		109	82-132	4.23	30		
1,2-Dibromo-3-chloropropane	9.90		"	10.0		99.0	45-147	3.70	30		
1,2-Dibromoethane	11.0		"	10.0		110	83-124	5.71	30		
1,2-Dichlorobenzene	10.5		"	10.0		105	79-123	3.10	30		
1,2-Dichloroethane	10.9		"	10.0		109	73-132	1.86	30		
1,2-Dichloropropane	11.8		"	10.0		118	78-126	8.48	30		
1,3,5-Trimethylbenzene	11.0		"	10.0		110	80-131	5.50	30		
1,3-Dichlorobenzene	10.6		"	10.0		106	86-122	5.92	30		
1,3-Dichloropropane	11.4		"	10.0		114	81-125	3.41	30		
1,4-Dichlorobenzene	10.5		"	10.0		105	85-124	3.99	30		
2,2-Dichloropropane	9.52		"	10.0		95.2	56-150	0.950	30		
2-Chlorotoluene	10.8		"	10.0		108	79-130	4.94	30		
2-Hexanone	11.3		"	10.0		113	51-146	0.0886	30		
4-Chlorotoluene	10.8		"	10.0		108	79-128	4.56	30		
Acetone	7.56		"	10.0		75.6	14-150	9.69	30		
Benzene	12.2		"	10.0		122	85-126	2.31	30		
Bromobenzene	10.5		"	10.0		105	78-129	2.11	30		
Bromochloromethane	12.0		"	10.0		120	77-128	0.750	30		
Bromodichloromethane	11.2		"	10.0		112	79-128	5.91	30		
Bromoform	10.9		"	10.0		109	78-133	1.01	30		
Bromomethane	10.1		"	10.0		101	43-168	12.4	30		
Carbon tetrachloride	11.5		"	10.0		115	77-141	4.80	30		
Chlorobenzene	11.0		"	10.0		110	88-120	5.23	30		
Chloroethane	10.8		"	10.0		108	65-136	3.98	30		



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

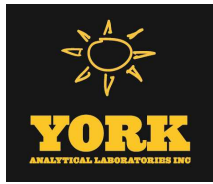
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF51306 - EPA 5030B

LCS Dup (BF51306-BSD1)

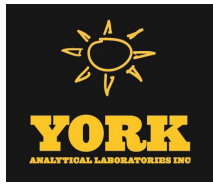
Prepared & Analyzed: 06/25/2015

Chloroform	11.5		ug/L	10.0		115	82-128		1.57	30	
Chloromethane	9.87		"	10.0		98.7	43-155		3.09	30	
cis-1,2-Dichloroethylene	11.6		"	10.0		116	83-129		1.39	30	
cis-1,3-Dichloropropylene	11.7		"	10.0		117	80-131		6.62	30	
Dibromochloromethane	10.9		"	10.0		109	80-130		0.832	30	
Dibromomethane	11.1		"	10.0		111	72-134		3.85	30	
Dichlorodifluoromethane	9.62		"	10.0		96.2	44-144		10.3	30	
Ethyl Benzene	11.1		"	10.0		111	80-131		4.51	30	
Hexachlorobutadiene	9.99		"	10.0		99.9	67-146		6.51	30	
Isopropylbenzene	11.1		"	10.0		111	76-140		6.02	30	
Methyl tert-butyl ether (MTBE)	11.4		"	10.0		114	76-135		0.616	30	
Methylene chloride	10.8		"	10.0		108	55-137		0.0925	30	
Naphthalene	10.2		"	10.0		102	70-147		2.78	30	
n-Butylbenzene	10.7		"	10.0		107	79-132		5.36	30	
n-Propylbenzene	11.0		"	10.0		110	78-133		4.46	30	
o-Xylene	11.3		"	10.0		113	78-130		5.93	30	
p- & m- Xylenes	21.8		"	20.0		109	77-133		2.74	30	
p-Isopropyltoluene	10.9		"	10.0		109	81-136		6.03	30	
sec-Butylbenzene	10.9		"	10.0		109	79-137		5.83	30	
Styrene	11.4		"	10.0		114	67-132		3.84	30	
tert-Butylbenzene	10.8		"	10.0		108	77-138		3.30	30	
Tetrachloroethylene	9.92		"	10.0		99.2	82-131		5.38	30	
Toluene	11.5		"	10.0		115	80-127		6.81	30	
trans-1,2-Dichloroethylene	11.7		"	10.0		117	80-132		2.43	30	
trans-1,3-Dichloropropylene	11.3		"	10.0		113	78-131		4.43	30	
Trichloroethylene	10.9		"	10.0		109	82-128		5.29	30	
Trichlorofluoromethane	10.2		"	10.0		102	67-139		6.55	30	
Vinyl Chloride	11.2		"	10.0		112	58-145		2.34	30	
Surrogate: 1,2-Dichloroethane-d4	8.98		"	10.0		89.8	69-130				
Surrogate: Toluene-d8	9.87		"	10.0		98.7	81-117				
Surrogate: p-Bromofluorobenzene	9.84		"	10.0		98.4	79-122				



**Metals by ICP - Quality Control Data**  
**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit								RPD	Limit
<b>Batch BF51120 - EPA 200.7</b>											
<b>Blank (BF51120-BLK1)</b>										Prepared: 06/23/2015 Analyzed: 06/24/2015	
Iron	ND	0.0200	mg/L								
<b>Reference (BF51120-SRM1)</b>										Prepared: 06/23/2015 Analyzed: 06/24/2015	
Iron	0.313	0.0200	mg/L	0.354		88.4		85-115			
<b>Batch BF51277 - EPA 3010A</b>											
<b>Blank (BF51277-BLK1)</b>										Prepared & Analyzed: 06/25/2015	
Iron - Dissolved	ND	0.0200	mg/L								
<b>Matrix Spike (BF51277-MS1)</b>										Prepared: 06/25/2015 Analyzed: 06/26/2015	
*Source sample: 15F0750-01 (WQ061715:1200 NP2-6)											
Iron - Dissolved	1.09	0.0200	mg/L	1.00	0.0562	103		75-125			
<b>Reference (BF51277-SRM1)</b>										Prepared & Analyzed: 06/25/2015	
Iron - Dissolved	0.325	0.0200	mg/L	0.354		91.7		85-115			



Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

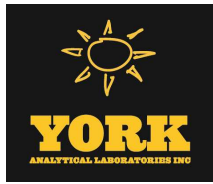
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BF51198 - % Solids Prep**

**Blank (BF51198-BLK1)**

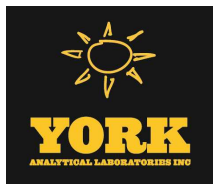
Prepared & Analyzed: 06/24/2015

Total Dissolved Solids	ND	10.0	mg/L								
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### Volatile Analysis Sample Containers

<b>Lab ID</b>	<b>Client Sample ID</b>	<b>Volatile Sample Container</b>
15F0750-01	WQ061715:1200 NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15F0750-02	WQ061715:1210 NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15F0753-01	WQ061715:1220 NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



## Notes and Definitions

M-ACCB	Analyte in CCB. Run is bracketed by acceptable CCBs.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
<hr/>	
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
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 LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

# 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  
15F0750  
 York Project No. 15F0753

YOUR INFORMATION		Report To:		Invoice To:		YOUR PROJECT ID		Turn-Around Time		Report Type											
Company: <u>LBB</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>										
Address: <u>4 Research Dr, Suite 301</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>										
Phone No. <u>203-929-8555</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>										
Contact Person: <u>Tunde Sandor</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>										
E-Mail Address: <u>Tsandor@lbbct.com</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>										
<p><b>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.</b></p> <p><i>[Signature]</i>          Samples Collected/Authorized By (Signature)  <u>Evan Foster</u>          Name (printed)</p>		<p>Matrix Codes          S - soil          Other - specify (oil, etc)          WW - wastewater          GW - groundwater          DW - drinking water          Air-A - ambient air          Air-SV - soil vapor</p>		<p>Semi-Volatiles          E260 full TICs          624          STARS list          BTEX          MTBE          TOL list          TAGM list          CT RCP list          Aroun. only          Halog. only          App. IX list          802/B list</p>		<p>Volatiles          TICs          Site Spec          Nassau Co.          Suffolk Co.          Ketones          Oxygenates          TOLP list          524.2          NIDEP list          SEFP or TCLP          608 Pest          802/B list</p>		<p>Perfluorinated          RCRA8          8082/PCB          8081P est          B151Herb          CT RCP          App. IX          Site Spec.          TOLP Pest          CT RCP list          TOLP Herb          Chloridene          608 Pest          SEFP or TCLP          608 PCB</p>		<p>Misc. Org          TPH GRO          TPH DR0          CT ETPH          NY 310-13          TPH 1664          Air TO14A          Air TO15          Air STARS          SFLP or TCLP          Air VPH          Air TICs          Mediane          Halogen</p>		<p>Full Lists          Pri.Foll          TCL Opans          TAL.MetCN          Full TCLP          Full App.IX          Part 300/301a          Part 300/301b          Part 300/301c          Part 300/301d          NYDEP Sewer          NYSEKCA Sewer          TAGM          Sites</p>		<p>Misc.          Corrosivity          Receptivity          Ignitability          Flash Point          Sieve Anal.          Heteroaryl          TOX          BTU/Wh.          Aquatic Tox          TOC          Adbestos</p>		<p>Standard (5-7 Days) <input checked="" type="checkbox"/> X</p>		<p>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"/></p>		<p>Summary Report <u>X</u> pdf          Summary w/ QA Summary <u>X</u> pdf          CT RCP Package          CT RCP QA/DUE Pkg          NY ASP A Package          NY ASP B Package <u>NP2-10 only</u>          NIDEP Red. Deliv.          Electronic Data Deliverables (EDD)</p>	
<p>Choose Analyses Needed from the Menu Above and Enter Below</p>																					
Sample Identification	Date Sampled	Sample Matrix	<p>Fe by EPA 200.71 Fe, Dissolved by EPA 6010 (SW 246-01008) / Vols          P260 List (EPA SW 245-8260b) plus from 113          Fe by EPA 200.71 Fe, Dissolved by EPA 6010 (SW 246-01008) / Vols          P260 List (EPA SW 245-8260a) plus from 113 (TOS (SH 2540c))</p>																		
<u>NA061715-1200 NP2-6</u>	<u>6-17-15</u>	<u>GW</u>																			
<u>NA061715-1210 NP2-7</u>	<u>↓</u>	<u>GW</u>																			
<u>NA061715-1220 NP2-10</u>	<u>↓</u>	<u>GW</u>																			
<p>Preservation: <input checked="" type="checkbox"/> Frozen <input type="checkbox"/> HCl <input type="checkbox"/> MeOH <input type="checkbox"/> HNO<sub>3</sub> <input type="checkbox"/> H<sub>2</sub>SO<sub>4</sub> <input type="checkbox"/> NaOH</p> <p>Check those Applicable: <input type="checkbox"/> ZnAc <input type="checkbox"/> Ascorbic Acid <input type="checkbox"/> Other</p> <p>Special Instructions: <input type="checkbox"/> Field Filtered <input type="checkbox"/> Lab to Filter</p>																					
<p>Comments: <u>Rec'd at 6/19/15 11:09</u></p>																					
<p>Samples Relinquished By: <u>[Signature]</u> Date/Time: <u>6/17/15 18:20</u></p>										<p>Samples Received By: <u>LBB Fridge</u> Date/Time: <u>6/17/15 18:30</u></p>											
<p>Samples Relinquished By: <u>[Signature]</u> Date/Time: <u>6-19-15 13:50</u></p>										<p>Samples Received in LAB by: <u>[Signature]</u> Date/Time: <u>6-19-15 13:50</u></p>											
<p>Temperature on Receipt: <u>4.4°C</u></p>																					

(system)

# 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  
15F0750  
 York Project No. 15F0753

<b>YOUR INFORMATION</b> Company: <u>LBG</u> Address: <u>4 Research Dr, Suite 301</u> <u>Shelton, CT 06484</u> Phone No. <u>203-929-8555</u> Contact Person: <u>Tunde Sandor</u> E-Mail Address: <u>Tsandor@lbgct.com</u>	<b>Report To:</b> Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____	<b>Invoice To:</b> Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____	<b>YOUR PROJECT ID</b> <u>Reve Industries</u> Purchase Order No. <u>HABSAG</u>	<b>Turn-Around Time</b> 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"/>	<b>Report Type</b> Summary Report <u>X</u> pdf Summary w/ QA Summary <u>X</u> pdf CT RCP Package CT RCP QA/DUE Pkg NY ASP A Package NY ASP B Package <u>NP2-10 only</u> NIDEP Red. Deliv.
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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**  
 E260 full TICs  
 624  
 STARS list Nassau Co.  
 BTEX Suffolk Co.  
 MTBE  
 Ketones  
 Oxygenates  
 TAGM list  
 TCLP list  
 Aroun. only 502.2  
 Halog. only NIDEP list  
 App. IX list  
 SEFP or TCLP  
 802/B list

**Semi-Volatiles**  
 8270 or 625  
 STARS list  
 BN Only  
 Acids Only  
 PAH list  
 App. IX  
 Site Spec.  
 TAGM list  
 CT RCP list  
 TCLP list  
 Aroun. only 502.2  
 Halog. only NIDEP list  
 App. IX list  
 SEFP or TCLP  
 802/B list

**Perfluorinated**  
 RCRA8  
 8082/PCB  
 8081P est  
 B151Herb  
 CT RCP  
 App. IX  
 Site Spec.  
 TAGM list  
 CT RCP list  
 TCLP list  
 Aroun. only 502.2  
 Halog. only NIDEP list  
 App. IX list  
 SEFP or TCLP  
 802/B list

**Metals**  
 TPH GRO  
 TPH DR0  
 CT ETPH  
 NY 310-13  
 TPH 1664  
 Air TO14A  
 Air TO15  
 Air STARS  
 Disolved  
 SLP or TCLP  
 Lead/Nickel  
 LIST Below

**Misc. Org**  
 TPH GRO  
 TPH DR0  
 CT ETPH  
 NY 310-13  
 TPH 1664  
 Air TO14A  
 Air TO15  
 Air STARS  
 Disolved  
 SLP or TCLP  
 Lead/Nickel  
 LIST Below

**Full Lists**  
 Pri. Poll  
 TCL Opans  
 TAL-MetCN  
 Full TCLP  
 Full App. IX  
 Part 300-Partic  
 Part 300-Bioest  
 Part 300-Pest  
 Part 300-Pest  
 Part 300-Pest  
 NYDEP Sewer  
 NYSEK Casw  
 Adbestos  
 TAGM  
 Silica

**Misc.**  
 Corrosivity  
 Receptivity  
 Ignitability  
 Flash Point  
 Sieve Anal.  
 Heterocycle  
 TOX  
 BTU/Wh.  
 Aquatic Tox  
 TOC

**Other**  
 York Regulatory Comparison  
 Excel Spreadsheet  
 Compare to the following (Reg. #, press fill in):

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
NA061715-1200 NP3-6	6-17-15	GW	Fe by EPA 200.71 Fe, Dissolved by EPA 6010 (SW 246-6010B) / Vols P260 List (EPA SW 245-8260b) plus Feen 113	Mixed
NA061715-1210 NP3-7	↓	GW	Fe by EPA 200.71 Fe, Dissolved by EPA 6010 (SW 246-6010B) / Vols P260 List (EPA SW 245-8260A) plus Feen 113 (TOS (SH 2540c))	Mixed
NA061715-1220 NP3-10	↓	GW		Mixed

**Comments**

Preservation:  Frozen  HCl  MeOH  HNO<sub>3</sub>  H<sub>2</sub>O  NaOH  Other

Check those Applicable:  
 Special Instructions:  
 Field Filtered   
 Lab to Filter

Samples Relinquished By: [Signature] Date/Time: 6/17/15 18:20  
 Samples Received By: LBG Fridgol Date/Time: 6/17/15 18:30

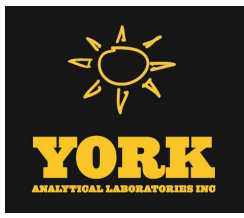
Samples Relinquished By: [Signature] Date/Time: 6-19-15 13:50  
 Samples Received in LAB by: [Signature] Date/Time: 6-19-15 13:50

Temperature on Receipt: 4.4°C

*Rec'd at 6/19/15 11:09*

(system)

**APPENDIX II**  
**JUNE 2015 LABORATORY ANALYTICAL REPORTS**  
**FOR FSP&T AND FP&T RECOVERY WELLS**



# Technical Report

prepared for:

**Leggette Brashears & Graham Shelton Office**

4 Research Drive, Suite 204

Shelton CT, 06484

**Attention: Tunde Komuves-Sandor**

Report Date: 06/11/2015

**Client Project ID: Rowe Industries**

York Project (SDG) No.: 15F0240

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 06/11/2015  
Client Project ID: Rowe Industries  
York Project (SDG) No.: 15F0240

**Leggette Brashears & Graham Shelton Office**  
4 Research Drive, Suite 204  
Shelton CT, 06484  
Attention: Tunde Komuves-Sandor

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## 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 05, 2015 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>
15F0240-01	GWQ060315;1345NP1-1-2	Water	06/03/2015	06/05/2015
15F0240-02	GWQ060315;1400NP1-1-4	Water	06/03/2015	06/05/2015
15F0240-03	GWQ060315;1306NP1-1-6	Water	06/03/2015	06/05/2015
15F0240-04	GWQ060315;1228NP1-1-7	Water	06/03/2015	06/05/2015

## **General Notes for York Project (SDG) No.: 15F0240**

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:** 06/11/2015





### Sample Information

**Client Sample ID:** GWQ060315;1345NP1-1-2

**York Sample ID:** 15F0240-01

<u>York Project (SDG) No.</u> 15F0240	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 3, 2015 1:45 pm	<u>Date Received</u> 06/05/2015
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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	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS



### Sample Information

**Client Sample ID:** GWQ060315;1345NP1-1-2

**York Sample ID:** 15F0240-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0240

Rowe Industries

Water

June 3, 2015 1:45 pm

06/05/2015

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS



### Sample Information

**Client Sample ID:** GWQ060315;1345NP1-1-2

**York Sample ID:** 15F0240-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0240

Rowe Industries

Water

June 3, 2015 1:45 pm

06/05/2015

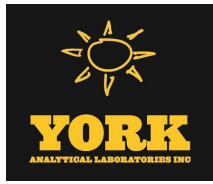
**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 16:58	06/10/2015 21:18	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 16:58	06/10/2015 21:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
127-18-4	<b>Tetrachloroethylene</b>	<b>0.39</b>	<b>J</b>	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/10/2015 16:58	06/10/2015 21:18	SS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.5 %	69-130								
2037-26-5	Surrogate: Toluene-d8	89.3 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	91.6 %	79-122								



### Sample Information

**Client Sample ID:** GWQ060315;1400NP1-1-4

**York Sample ID:** 15F0240-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0240

Rowe Industries

Water

June 3, 2015 2:00 pm

06/05/2015

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS



### Sample Information

**Client Sample ID:** GWQ060315;1400NP1-1-4

**York Sample ID:** 15F0240-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0240

Rowe Industries

Water

June 3, 2015 2:00 pm

06/05/2015

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
156-59-2	<b>cis-1,2-Dichloroethylene</b>	<b>0.28</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS



### Sample Information

**Client Sample ID:** GWQ060315;1400NP1-1-4

**York Sample ID:** 15F0240-02

<u>York Project (SDG) No.</u> 15F0240	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 3, 2015 2:00 pm	<u>Date Received</u> 06/05/2015
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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	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 16:58	06/10/2015 21:51	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 16:58	06/10/2015 21:51	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
79-01-6	<b>Trichloroethylene</b>	<b>2.6</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/10/2015 16:58	06/10/2015 21:51	SS

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	69-130
2037-26-5	Surrogate: Toluene-d8	96.0 %	81-117
460-00-4	Surrogate: p-Bromofluorobenzene	87.6 %	79-122

### Sample Information

**Client Sample ID:** GWQ060315;1306NP1-1-6

**York Sample ID:** 15F0240-03

<u>York Project (SDG) No.</u> 15F0240	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 3, 2015 1:06 pm	<u>Date Received</u> 06/05/2015
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### Sample Information

**Client Sample ID:** GWQ060315;1306NP1-1-6

**York Sample ID:** 15F0240-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0240

Rowe Industries

Water

June 3, 2015 1:06 pm

06/05/2015

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
71-55-6	<b>1,1,1-Trichloroethane</b>	<b>0.38</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS



### Sample Information

**Client Sample ID:** GWQ060315;1306NP1-1-6

**York Sample ID:** 15F0240-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0240

Rowe Industries

Water

June 3, 2015 1:06 pm

06/05/2015

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
67-66-3	<b>Chloroform</b>	<b>0.31</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS



### Sample Information

**Client Sample ID:** GWQ060315;1306NP1-1-6

**York Sample ID:** 15F0240-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0240

Rowe Industries

Water

June 3, 2015 1:06 pm

06/05/2015

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 16:58	06/10/2015 22:24	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 16:58	06/10/2015 22:24	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
127-18-4	<b>Tetrachloroethylene</b>	<b>0.25</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/10/2015 16:58	06/10/2015 22:24	SS

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	69-130
2037-26-5	Surrogate: Toluene-d8	94.5 %	81-117
460-00-4	Surrogate: p-Bromofluorobenzene	92.9 %	79-122

### Sample Information

**Client Sample ID:** GWQ060315;1228NP1-1-7

**York Sample ID:** 15F0240-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0240

Rowe Industries

Water

June 3, 2015 12:28 pm

06/05/2015



### Sample Information

**Client Sample ID:** GWQ060315;1228NP1-1-7

**York Sample ID:** 15F0240-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0240

Rowe Industries

Water

June 3, 2015 12:28 pm

06/05/2015

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
71-55-6	<b>1,1,1-Trichloroethane</b>	<b>0.40</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
75-34-3	<b>1,1-Dichloroethane</b>	<b>0.29</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS



## Sample Information

**Client Sample ID:** GWQ060315;1228NP1-1-7

**York Sample ID:** 15F0240-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0240

Rowe Industries

Water

June 3, 2015 12:28 pm

06/05/2015

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
67-66-3	<b>Chloroform</b>	<b>0.38</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
74-87-3	<b>Chloromethane</b>	<b>0.29</b>	CCV-E, J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS



### Sample Information

**Client Sample ID:** GWQ060315;1228NP1-1-7

**York Sample ID:** 15F0240-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0240

Rowe Industries

Water

June 3, 2015 12:28 pm

06/05/2015

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 16:58	06/10/2015 22:56	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 16:58	06/10/2015 22:56	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/10/2015 16:58	06/10/2015 22:56	SS

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %	69-130
2037-26-5	Surrogate: Toluene-d8	85.7 %	81-117
460-00-4	Surrogate: p-Bromofluorobenzene	90.0 %	79-122



## Analytical Batch Summary

**Batch ID:** BF50527

**Preparation Method:** EPA 5030B

**Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15F0240-01	GWQ060315;1345NP1-1-2	06/10/15
15F0240-02	GWQ060315;1400NP1-1-4	06/10/15
15F0240-03	GWQ060315;1306NP1-1-6	06/10/15
15F0240-04	GWQ060315;1228NP1-1-7	06/10/15
BF50527-BLK1	Blank	06/10/15
BF50527-BS1	LCS	06/10/15
BF50527-BSD1	LCS Dup	06/10/15



**Volatile Organic Compounds by GC/MS - 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 BF50527 - EPA 5030B**

**Blank (BF50527-BLK1)**

Prepared & Analyzed: 06/10/2015

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	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
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	0.21	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 GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

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

**Batch BF50527 - EPA 5030B**

**Blank (BF50527-BLK1)**

Prepared & Analyzed: 06/10/2015

p- & m- Xylenes	ND	1.0	ug/L								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	9.91		"	10.0		99.1		69-130			
<i>Surrogate: Toluene-d8</i>	9.53		"	10.0		95.3		81-117			
<i>Surrogate: p-Bromofluorobenzene</i>	9.19		"	10.0		91.9		79-122			

**LCS (BF50527-BS1)**

Prepared & Analyzed: 06/10/2015

1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100		82-126			
1,1,1-Trichloroethane	9.89		"	10.0		98.9		78-136			
1,1,2,2-Tetrachloroethane	10.0		"	10.0		100		76-129			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	4.49		"	10.0		44.9		54-165	Low Bias		
1,1,2-Trichloroethane	9.94		"	10.0		99.4		82-123			
1,1-Dichloroethane	11.4		"	10.0		114		82-129			
1,1-Dichloroethylene	11.1		"	10.0		111		68-138			
1,1-Dichloropropylene	10.8		"	10.0		108		83-133			
1,2,3-Trichlorobenzene	10.2		"	10.0		102		76-136			
1,2,3-Trichloropropane	9.80		"	10.0		98.0		77-128			
1,2,4-Trichlorobenzene	10.3		"	10.0		103		76-137			
1,2,4-Trimethylbenzene	9.72		"	10.0		97.2		82-132			
1,2-Dibromo-3-chloropropane	7.98		"	10.0		79.8		45-147			
1,2-Dibromoethane	10.2		"	10.0		102		83-124			
1,2-Dichlorobenzene	9.92		"	10.0		99.2		79-123			
1,2-Dichloroethane	10.7		"	10.0		107		73-132			
1,2-Dichloropropane	9.69		"	10.0		96.9		78-126			
1,3,5-Trimethylbenzene	10.0		"	10.0		100		80-131			
1,3-Dichlorobenzene	10.7		"	10.0		107		86-122			
1,3-Dichloropropane	9.82		"	10.0		98.2		81-125			
1,4-Dichlorobenzene	10.7		"	10.0		107		85-124			
2,2-Dichloropropane	10.6		"	10.0		106		56-150			
2-Chlorotoluene	10.1		"	10.0		101		79-130			
2-Hexanone	8.26		"	10.0		82.6		51-146			
4-Chlorotoluene	9.95		"	10.0		99.5		79-128			
Acetone	7.01		"	10.0		70.1		14-150			
Benzene	11.6		"	10.0		116		85-126			
Bromobenzene	9.44		"	10.0		94.4		78-129			
Bromochloromethane	10.7		"	10.0		107		77-128			
Bromodichloromethane	9.47		"	10.0		94.7		79-128			
Bromoform	8.94		"	10.0		89.4		78-133			
Bromomethane	3.41		"	10.0		34.1		43-168	Low Bias		
Carbon tetrachloride	10.5		"	10.0		105		77-141			
Chlorobenzene	10.4		"	10.0		104		88-120			



**Volatile Organic Compounds by GC/MS - 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 BF50527 - EPA 5030B**

**LCS (BF50527-BS1)**

Prepared & Analyzed: 06/10/2015

Chloroethane	9.23		ug/L	10.0		92.3	65-136				
Chloroform	11.4		"	10.0		114	82-128				
Chloromethane	7.81		"	10.0		78.1	43-155				
cis-1,2-Dichloroethylene	10.7		"	10.0		107	83-129				
cis-1,3-Dichloropropylene	8.95		"	10.0		89.5	80-131				
Dibromochloromethane	9.67		"	10.0		96.7	80-130				
Dibromomethane	9.79		"	10.0		97.9	72-134				
Dichlorodifluoromethane	9.36		"	10.0		93.6	44-144				
Ethyl Benzene	9.99		"	10.0		99.9	80-131				
Hexachlorobutadiene	9.31		"	10.0		93.1	67-146				
Isopropylbenzene	10.2		"	10.0		102	76-140				
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	76-135				
Methylene chloride	9.94		"	10.0		99.4	55-137				
Naphthalene	10.3		"	10.0		103	70-147				
n-Butylbenzene	9.83		"	10.0		98.3	79-132				
n-Propylbenzene	10.4		"	10.0		104	78-133				
o-Xylene	10.4		"	10.0		104	78-130				
p- & m- Xylenes	21.3		"	20.0		107	77-133				
p-Isopropyltoluene	10.3		"	10.0		103	81-136				
sec-Butylbenzene	10.2		"	10.0		102	79-137				
Styrene	11.8		"	10.0		118	67-132				
tert-Butylbenzene	10.1		"	10.0		101	77-138				
Tetrachloroethylene	10.1		"	10.0		101	82-131				
Toluene	10.0		"	10.0		100	80-127				
trans-1,2-Dichloroethylene	10.8		"	10.0		108	80-132				
trans-1,3-Dichloropropylene	8.34		"	10.0		83.4	78-131				
Trichloroethylene	10.0		"	10.0		100	82-128				
Trichlorofluoromethane	10.3		"	10.0		103	67-139				
Vinyl Chloride	9.75		"	10.0		97.5	58-145				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.89</i>		<i>"</i>	<i>10.0</i>		<i>98.9</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.45</i>		<i>"</i>	<i>10.0</i>		<i>94.5</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.39</i>		<i>"</i>	<i>10.0</i>		<i>93.9</i>	<i>79-122</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BF50527 - EPA 5030B</b>											
<b>LCS Dup (BF50527-BSD1)</b>											
Prepared & Analyzed: 06/10/2015											
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126		1.68	30	
1,1,1-Trichloroethane	11.4		"	10.0		114	78-136		14.3	30	
1,1,2,2-Tetrachloroethane	9.88		"	10.0		98.8	76-129		1.31	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	4.60		"	10.0		46.0	54-165	Low Bias	2.42	30	
1,1,2-Trichloroethane	9.28		"	10.0		92.8	82-123		6.87	30	
1,1-Dichloroethane	11.5		"	10.0		115	82-129		1.31	30	
1,1-Dichloroethylene	11.0		"	10.0		110	68-138		1.09	30	
1,1-Dichloropropylene	11.7		"	10.0		117	83-133		7.98	30	
1,2,3-Trichlorobenzene	10.4		"	10.0		104	76-136		1.26	30	
1,2,3-Trichloropropane	9.89		"	10.0		98.9	77-128		0.914	30	
1,2,4-Trichlorobenzene	10.3		"	10.0		103	76-137		0.291	30	
1,2,4-Trimethylbenzene	9.83		"	10.0		98.3	82-132		1.13	30	
1,2-Dibromo-3-chloropropane	8.36		"	10.0		83.6	45-147		4.65	30	
1,2-Dibromoethane	9.62		"	10.0		96.2	83-124		6.15	30	
1,2-Dichlorobenzene	10.0		"	10.0		100	79-123		0.803	30	
1,2-Dichloroethane	10.8		"	10.0		108	73-132		1.39	30	
1,2-Dichloropropane	8.91		"	10.0		89.1	78-126		8.39	30	
1,3,5-Trimethylbenzene	10.1		"	10.0		101	80-131		1.09	30	
1,3-Dichlorobenzene	10.9		"	10.0		109	86-122		1.85	30	
1,3-Dichloropropane	9.22		"	10.0		92.2	81-125		6.30	30	
1,4-Dichlorobenzene	10.6		"	10.0		106	85-124		0.655	30	
2,2-Dichloropropane	10.4		"	10.0		104	56-150		2.38	30	
2-Chlorotoluene	10.1		"	10.0		101	79-130		0.199	30	
2-Hexanone	8.20		"	10.0		82.0	51-146		0.729	30	
4-Chlorotoluene	9.82		"	10.0		98.2	79-128		1.32	30	
Acetone	7.65		"	10.0		76.5	14-150		8.73	30	
Benzene	11.8		"	10.0		118	85-126		2.05	30	
Bromobenzene	9.62		"	10.0		96.2	78-129		1.89	30	
Bromochloromethane	10.2		"	10.0		102	77-128		4.69	30	
Bromodichloromethane	8.95		"	10.0		89.5	79-128		5.65	30	
Bromoform	8.58		"	10.0		85.8	78-133		4.11	30	
Bromomethane	4.74		"	10.0		47.4	43-168		32.6	30	Non-dir.
Carbon tetrachloride	11.5		"	10.0		115	77-141		8.82	30	
Chlorobenzene	10.5		"	10.0		105	88-120		0.956	30	
Chloroethane	9.46		"	10.0		94.6	65-136		2.46	30	
Chloroform	11.6		"	10.0		116	82-128		1.13	30	
Chloromethane	8.13		"	10.0		81.3	43-155		4.02	30	
cis-1,2-Dichloroethylene	10.8		"	10.0		108	83-129		0.929	30	
cis-1,3-Dichloropropylene	8.38		"	10.0		83.8	80-131		6.58	30	
Dibromochloromethane	8.99		"	10.0		89.9	80-130		7.29	30	
Dibromomethane	9.09		"	10.0		90.9	72-134		7.42	30	
Dichlorodifluoromethane	9.11		"	10.0		91.1	44-144		2.71	30	
Ethyl Benzene	10.2		"	10.0		102	80-131		1.59	30	
Hexachlorobutadiene	9.59		"	10.0		95.9	67-146		2.96	30	
Isopropylbenzene	10.4		"	10.0		104	76-140		1.46	30	
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	76-135		0.186	30	
Methylene chloride	9.94		"	10.0		99.4	55-137		0.00	30	
Naphthalene	10.3		"	10.0		103	70-147		0.00	30	
n-Butylbenzene	10.0		"	10.0		100	79-132		1.91	30	
n-Propylbenzene	10.4		"	10.0		104	78-133		0.385	30	
o-Xylene	9.82		"	10.0		98.2	78-130		5.26	30	



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

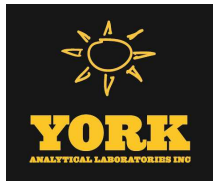
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BF50527 - EPA 5030B**

**LCS Dup (BF50527-BSD1)**

Prepared & Analyzed: 06/10/2015

p- & m- Xylenes	21.5		ug/L	20.0		107	77-133		0.701	30	
p-Isopropyltoluene	10.5		"	10.0		105	81-136		1.92	30	
sec-Butylbenzene	10.3		"	10.0		103	79-137		1.08	30	
Styrene	11.1		"	10.0		111	67-132		6.30	30	
tert-Butylbenzene	10.3		"	10.0		103	77-138		1.76	30	
Tetrachloroethylene	9.25		"	10.0		92.5	82-131		8.39	30	
Toluene	9.40		"	10.0		94.0	80-127		6.68	30	
trans-1,2-Dichloroethylene	10.9		"	10.0		109	80-132		0.184	30	
trans-1,3-Dichloropropylene	7.90		"	10.0		79.0	78-131		5.42	30	
Trichloroethylene	9.37		"	10.0		93.7	82-128		7.00	30	
Trichlorofluoromethane	10.5		"	10.0		105	67-139		1.73	30	
Vinyl Chloride	9.98		"	10.0		99.8	58-145		2.33	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	9.52		"	10.0		95.2	69-130				
<i>Surrogate: Toluene-d8</i>	8.68		"	10.0		86.8	81-117				
<i>Surrogate: p-Bromofluorobenzene</i>	9.32		"	10.0		93.2	79-122				



### Volatile Analysis Sample Containers

<b>Lab ID</b>	<b>Client Sample ID</b>	<b>Volatile Sample Container</b>
15F0240-01	GWQ060315;1345NP1-1-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15F0240-02	GWQ060315;1400NP1-1-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15F0240-03	GWQ060315;1306NP1-1-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15F0240-04	GWQ060315;1228NP1-1-7	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/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
<hr/>	
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
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.

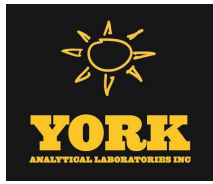
If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

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 LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.



# 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. **15F0240**

<b>YOUR Information</b> Company: <u>LB&amp;E</u> Address: <u>4 Research Dr. Suite 301</u> <u>Shelton, CT 06484</u> Phone No. <u>203-929-8555</u> Contact Person: <u>Tunde Sandor</u> E-Mail Address: <u>TSandor@LB&amp;E.com</u>		<b>Report To:</b> Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		<b>Invoice To:</b> Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		<b>YOUR Project ID</b> <u>Rowe Industries.</u> Purchase Order No. <u>HAB5A6</u> Samples from: CT NY NJ		<b>Turn-Around Time</b> 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"/>		<b>Report Type</b> Summary Report <input checked="" type="checkbox"/> pdf Summary w/ QA summary <input checked="" type="checkbox"/> pdf CT RCP Package <input type="checkbox"/> CT RCP DQ/ADUE Pkg <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B Package <input checked="" type="checkbox"/> pdf NI DEP Red. Deliv. <input type="checkbox"/> Electronic Data Deliverables (EDD) <input type="checkbox"/> Simple Exec <input checked="" type="checkbox"/> X NYSDEC EQuIS <input type="checkbox"/> EQuIS (std) <input type="checkbox"/> EZ-EDD (EQuIS) <input type="checkbox"/> NI DEP SRP HezSite EDD <input type="checkbox"/> GIS/KFY (std) <input type="checkbox"/> Other _____ York Regulatory Comparison <input type="checkbox"/> Excel Spreadsheet <input type="checkbox"/> Compare to the following State (please fill in) _____	
--	--	---	--	--	--	---	--	--	--	---	--

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

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

Volatiles  
 8260 full  
 TICX  
 Site Spec.  
 STARS list  
 BTEX  
 MTBE  
 TCL list  
 TAGM list  
 CT RCP list  
 Arom. only  
 Halog. only  
 App. LX list  
 8021B list

Semi-Volatiles  
 8770 & 625  
 STARS list  
 BN Only  
 PAH list  
 TAGM list  
 CT RCP list  
 TCL list  
 App. LX list  
 TCLP BNA  
 SFLP/RCP

Pest/Chemicals  
 KCR/8  
 PP15 list  
 TAL  
 CT RCP  
 App. DX  
 Site Spec.  
 SFLP/RCP  
 TCLP Herb  
 Chlorocate  
 608 Pest  
 608 PCB

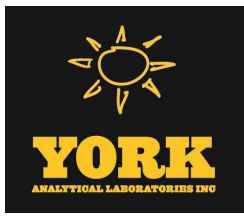
Misc. Org.  
 TPH GRO  
 TPH DRO  
 CT ETPH  
 NY 310-13  
 Full TCLP  
 Full App. DX  
 Part 300-Restr.  
 Air TO14A  
 Air TO15  
 Air STARS  
 Air VPH  
 Air TICs  
 Methane  
 Helium

Full Lists  
 Phi-Poll  
 TCL Organics  
 TAL/MACH  
 Full TCLP  
 Full App. DX  
 Part 300-Restr.  
 Part 300-Bioactive  
 Part 300-Gen.  
 Part 300-Gen.  
 NYCLP/Passive  
 TOC  
 NYSDSP/Seve  
 Adbestos  
 Silica

Comersity  
 Reactivity  
 Ignitability  
 Flash Point  
 Sieve Anal.  
 Heteroatoms  
 TOX  
 BTU/EB  
 Aquatic Tox.  
 NYSDSP/Passive  
 TOC  
 NYSDSP/Seve  
 Adbestos  
 Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)	Temperature on Receipt
GW0000315-1345 NPI-1-2	6-3-15	GW	VOC 8260 full list (EPA SW846-8260) plus from 113	VOC's	4.3°C
GW0000315-1400 NPI-1-4					
GW0000315-1306 NPI-1-6					
GW0000315-1328 NPI-1-7					
Comments Preservation <input type="checkbox"/> Frozen <input checked="" type="checkbox"/> ACl <input checked="" type="checkbox"/> MeOH <input type="checkbox"/> H <sub>2</sub> O <input type="checkbox"/> NaOH <input type="checkbox"/> Check these Applicable Special Instructions Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>					

Rec'd 6/5/15 at 13:59  
 Rec'd 6/5-15 17:17 (AW & FAW)  
 4.3°C



# Technical Report

prepared for:

**Leggette Brashears & Graham Shelton Office**  
4 Research Drive, Suite 204  
Shelton CT, 06484  
**Attention: Tunde Komuves-Sandor**

Report Date: 06/12/2015  
**Client Project ID: Rowe Industries**  
York Project (SDG) No.: 15F0239

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 06/12/2015  
Client Project ID: Rowe Industries  
York Project (SDG) No.: 15F0239

**Leggette Brashears & Graham Shelton Office**  
4 Research Drive, Suite 204  
Shelton CT, 06484  
Attention: Tunde Komuves-Sandor

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## 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 05, 2015 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>
15F0239-01	WQ060315: 1300 FRW-1	Water	06/03/2015	06/05/2015
15F0239-02	WQ060315: 1305 FRW-2	Water	06/03/2015	06/05/2015
15F0239-03	WQ060315: 1310 FRW-3	Water	06/03/2015	06/05/2015
15F0239-04	WQ060315: 1315 FRW-4	Water	06/03/2015	06/05/2015

## **General Notes for York Project (SDG) No.: 15F0239**

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:** 06/12/2015





### Sample Information

**Client Sample ID:** WQ060315: 1300 FRW-1

**York Sample ID:** 15F0239-01

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
15F0239	Rowe Industries	Water	June 3, 2015 1:00 pm	06/05/2015

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
71-55-6	<b>1,1,1-Trichloroethane</b>	<b>0.47</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS



## Sample Information

**Client Sample ID:** WQ060315: 1300 FRW-1

**York Sample ID:** 15F0239-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0239

Rowe Industries

Water

June 3, 2015 1:00 pm

06/05/2015

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
156-59-2	<b>cis-1,2-Dichloroethylene</b>	<b>1.9</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS



### Sample Information

**Client Sample ID:** WQ060315: 1300 FRW-1

**York Sample ID:** 15F0239-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0239

Rowe Industries

Water

June 3, 2015 1:00 pm

06/05/2015

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 16:58	06/10/2015 23:30	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 16:58	06/10/2015 23:30	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
127-18-4	<b>Tetrachloroethylene</b>	<b>23</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
79-01-6	<b>Trichloroethylene</b>	<b>0.89</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/10/2015 16:58	06/10/2015 23:30	SS
	<b>Surrogate Recoveries</b>	<b>Result</b>						<b>Acceptance Range</b>			
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %						69-130			
2037-26-5	Surrogate: Toluene-d8	95.3 %						81-117			
460-00-4	Surrogate: p-Bromofluorobenzene	90.6 %						79-122			



### Sample Information

**Client Sample ID:** WQ060315; 1305 FRW-2

**York Sample ID:** 15F0239-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0239

Rowe Industries

Water

June 3, 2015 1:05 pm

06/05/2015

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS



### Sample Information

**Client Sample ID:** WQ060315; 1305 FRW-2

**York Sample ID:** 15F0239-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0239

Rowe Industries

Water

June 3, 2015 1:05 pm

06/05/2015

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS



### Sample Information

**Client Sample ID:** WQ060315; 1305 FRW-2

**York Sample ID:** 15F0239-02

<u>York Project (SDG) No.</u> 15F0239	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 3, 2015 1:05 pm	<u>Date Received</u> 06/05/2015
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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	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 16:58	06/11/2015 00:03	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 16:58	06/11/2015 00:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
127-18-4	<b>Tetrachloroethylene</b>	<b>9.0</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/10/2015 16:58	06/11/2015 00:03	SS

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	69-130
2037-26-5	Surrogate: Toluene-d8	92.3 %	81-117
460-00-4	Surrogate: p-Bromofluorobenzene	93.0 %	79-122

### Sample Information

**Client Sample ID:** WQ060315; 1310 FRW-3

**York Sample ID:** 15F0239-03

<u>York Project (SDG) No.</u> 15F0239	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 3, 2015 1:10 pm	<u>Date Received</u> 06/05/2015
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### Sample Information

**Client Sample ID:** WQ060315; 1310 FRW-3

**York Sample ID:** 15F0239-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0239

Rowe Industries

Water

June 3, 2015 1:10 pm

06/05/2015

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
71-55-6	<b>1,1,1-Trichloroethane</b>	<b>0.58</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS



### Sample Information

**Client Sample ID:** WQ060315; 1310 FRW-3

**York Sample ID:** 15F0239-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0239

Rowe Industries

Water

June 3, 2015 1:10 pm

06/05/2015

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
156-59-2	<b>cis-1,2-Dichloroethylene</b>	<b>5.1</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
98-82-8	<b>Isopropylbenzene</b>	<b>0.72</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS



### Sample Information

**Client Sample ID:** WQ060315; 1310 FRW-3

**York Sample ID:** 15F0239-03

York Project (SDG) No.  
15F0239

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
June 3, 2015 1:10 pm

Date Received  
06/05/2015

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
103-65-1	<b>n-Propylbenzene</b>	<b>0.49</b>	<b>J</b>	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 16:58	06/11/2015 00:36	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 16:58	06/11/2015 00:36	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
127-18-4	<b>Tetrachloroethylene</b>	<b>67</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
79-01-6	<b>Trichloroethylene</b>	<b>3.2</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/10/2015 16:58	06/11/2015 00:36	SS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	69-130								
2037-26-5	Surrogate: Toluene-d8	83.6 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	102 %	79-122								



### Sample Information

**Client Sample ID:** WQ060315; 1315 FRW-4

**York Sample ID:** 15F0239-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0239

Rowe Industries

Water

June 3, 2015 1:15 pm

06/05/2015

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS



### Sample Information

**Client Sample ID:** WQ060315; 1315 FRW-4

**York Sample ID:** 15F0239-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0239

Rowe Industries

Water

June 3, 2015 1:15 pm

06/05/2015

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS



### Sample Information

**Client Sample ID:** WQ060315; 1315 FRW-4

**York Sample ID:** 15F0239-04

York Project (SDG) No.  
15F0239

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
June 3, 2015 1:15 pm

Date Received  
06/05/2015

**Volatile Organics, 8260 List - Low Level**

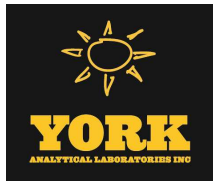
**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 16:58	06/11/2015 01:09	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 16:58	06/11/2015 01:09	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
127-18-4	<b>Tetrachloroethylene</b>	<b>3.0</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/10/2015 16:58	06/11/2015 01:09	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %	69-130
2037-26-5	Surrogate: Toluene-d8	85.1 %	81-117
460-00-4	Surrogate: p-Bromofluorobenzene	95.7 %	79-122



## Analytical Batch Summary

**Batch ID:** BF50527

**Preparation Method:** EPA 5030B

**Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15F0239-01	WQ060315: 1300 FRW-1	06/10/15
15F0239-02	WQ060315; 1305 FRW-2	06/10/15
15F0239-03	WQ060315; 1310 FRW-3	06/10/15
15F0239-04	WQ060315; 1315 FRW-4	06/10/15
BF50527-BLK1	Blank	06/10/15
BF50527-BS1	LCS	06/10/15
BF50527-BSD1	LCS Dup	06/10/15



**Volatile Organic Compounds by GC/MS - 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 BF50527 - EPA 5030B**

**Blank (BF50527-BLK1)**

Prepared & Analyzed: 06/10/2015

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	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
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	0.21	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 GC/MS - 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 BF50527 - EPA 5030B

Blank (BF50527-BLK1)

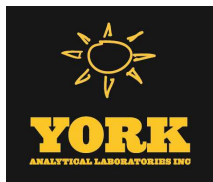
Prepared & Analyzed: 06/10/2015

p- & m- Xylenes	ND	1.0	ug/L								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	9.91		"	10.0		99.1	69-130				
<i>Surrogate: Toluene-d8</i>	9.53		"	10.0		95.3	81-117				
<i>Surrogate: p-Bromofluorobenzene</i>	9.19		"	10.0		91.9	79-122				

LCS (BF50527-BS1)

Prepared & Analyzed: 06/10/2015

1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100	82-126				
1,1,1-Trichloroethane	9.89		"	10.0		98.9	78-136				
1,1,2,2-Tetrachloroethane	10.0		"	10.0		100	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	4.49		"	10.0		44.9	54-165	Low Bias			
1,1,2-Trichloroethane	9.94		"	10.0		99.4	82-123				
1,1-Dichloroethane	11.4		"	10.0		114	82-129				
1,1-Dichloroethylene	11.1		"	10.0		111	68-138				
1,1-Dichloropropylene	10.8		"	10.0		108	83-133				
1,2,3-Trichlorobenzene	10.2		"	10.0		102	76-136				
1,2,3-Trichloropropane	9.80		"	10.0		98.0	77-128				
1,2,4-Trichlorobenzene	10.3		"	10.0		103	76-137				
1,2,4-Trimethylbenzene	9.72		"	10.0		97.2	82-132				
1,2-Dibromo-3-chloropropane	7.98		"	10.0		79.8	45-147				
1,2-Dibromoethane	10.2		"	10.0		102	83-124				
1,2-Dichlorobenzene	9.92		"	10.0		99.2	79-123				
1,2-Dichloroethane	10.7		"	10.0		107	73-132				
1,2-Dichloropropane	9.69		"	10.0		96.9	78-126				
1,3,5-Trimethylbenzene	10.0		"	10.0		100	80-131				
1,3-Dichlorobenzene	10.7		"	10.0		107	86-122				
1,3-Dichloropropane	9.82		"	10.0		98.2	81-125				
1,4-Dichlorobenzene	10.7		"	10.0		107	85-124				
2,2-Dichloropropane	10.6		"	10.0		106	56-150				
2-Chlorotoluene	10.1		"	10.0		101	79-130				
2-Hexanone	8.26		"	10.0		82.6	51-146				
4-Chlorotoluene	9.95		"	10.0		99.5	79-128				
Acetone	7.01		"	10.0		70.1	14-150				
Benzene	11.6		"	10.0		116	85-126				
Bromobenzene	9.44		"	10.0		94.4	78-129				
Bromochloromethane	10.7		"	10.0		107	77-128				
Bromodichloromethane	9.47		"	10.0		94.7	79-128				
Bromoform	8.94		"	10.0		89.4	78-133				
Bromomethane	3.41		"	10.0		34.1	43-168	Low Bias			
Carbon tetrachloride	10.5		"	10.0		105	77-141				
Chlorobenzene	10.4		"	10.0		104	88-120				



Volatile Organic Compounds by GC/MS - 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 BF50527 - EPA 5030B

LCS (BF50527-BS1)

Prepared & Analyzed: 06/10/2015

Chloroethane	9.23		ug/L	10.0		92.3	65-136						
Chloroform	11.4		"	10.0		114	82-128						
Chloromethane	7.81		"	10.0		78.1	43-155						
cis-1,2-Dichloroethylene	10.7		"	10.0		107	83-129						
cis-1,3-Dichloropropylene	8.95		"	10.0		89.5	80-131						
Dibromochloromethane	9.67		"	10.0		96.7	80-130						
Dibromomethane	9.79		"	10.0		97.9	72-134						
Dichlorodifluoromethane	9.36		"	10.0		93.6	44-144						
Ethyl Benzene	9.99		"	10.0		99.9	80-131						
Hexachlorobutadiene	9.31		"	10.0		93.1	67-146						
Isopropylbenzene	10.2		"	10.0		102	76-140						
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	76-135						
Methylene chloride	9.94		"	10.0		99.4	55-137						
Naphthalene	10.3		"	10.0		103	70-147						
n-Butylbenzene	9.83		"	10.0		98.3	79-132						
n-Propylbenzene	10.4		"	10.0		104	78-133						
o-Xylene	10.4		"	10.0		104	78-130						
p- & m- Xylenes	21.3		"	20.0		107	77-133						
p-Isopropyltoluene	10.3		"	10.0		103	81-136						
sec-Butylbenzene	10.2		"	10.0		102	79-137						
Styrene	11.8		"	10.0		118	67-132						
tert-Butylbenzene	10.1		"	10.0		101	77-138						
Tetrachloroethylene	10.1		"	10.0		101	82-131						
Toluene	10.0		"	10.0		100	80-127						
trans-1,2-Dichloroethylene	10.8		"	10.0		108	80-132						
trans-1,3-Dichloropropylene	8.34		"	10.0		83.4	78-131						
Trichloroethylene	10.0		"	10.0		100	82-128						
Trichlorofluoromethane	10.3		"	10.0		103	67-139						
Vinyl Chloride	9.75		"	10.0		97.5	58-145						
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.89</i>		<i>"</i>	<i>10.0</i>		<i>98.9</i>	<i>69-130</i>						
<i>Surrogate: Toluene-d8</i>	<i>9.45</i>		<i>"</i>	<i>10.0</i>		<i>94.5</i>	<i>81-117</i>						
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.39</i>		<i>"</i>	<i>10.0</i>		<i>93.9</i>	<i>79-122</i>						



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BF50527 - EPA 5030B</b>											
<b>LCS Dup (BF50527-BSD1)</b>											
Prepared & Analyzed: 06/10/2015											
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126		1.68	30	
1,1,1-Trichloroethane	11.4		"	10.0		114	78-136		14.3	30	
1,1,2,2-Tetrachloroethane	9.88		"	10.0		98.8	76-129		1.31	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	4.60		"	10.0		46.0	54-165	Low Bias	2.42	30	
1,1,2-Trichloroethane	9.28		"	10.0		92.8	82-123		6.87	30	
1,1-Dichloroethane	11.5		"	10.0		115	82-129		1.31	30	
1,1-Dichloroethylene	11.0		"	10.0		110	68-138		1.09	30	
1,1-Dichloropropylene	11.7		"	10.0		117	83-133		7.98	30	
1,2,3-Trichlorobenzene	10.4		"	10.0		104	76-136		1.26	30	
1,2,3-Trichloropropane	9.89		"	10.0		98.9	77-128		0.914	30	
1,2,4-Trichlorobenzene	10.3		"	10.0		103	76-137		0.291	30	
1,2,4-Trimethylbenzene	9.83		"	10.0		98.3	82-132		1.13	30	
1,2-Dibromo-3-chloropropane	8.36		"	10.0		83.6	45-147		4.65	30	
1,2-Dibromoethane	9.62		"	10.0		96.2	83-124		6.15	30	
1,2-Dichlorobenzene	10.0		"	10.0		100	79-123		0.803	30	
1,2-Dichloroethane	10.8		"	10.0		108	73-132		1.39	30	
1,2-Dichloropropane	8.91		"	10.0		89.1	78-126		8.39	30	
1,3,5-Trimethylbenzene	10.1		"	10.0		101	80-131		1.09	30	
1,3-Dichlorobenzene	10.9		"	10.0		109	86-122		1.85	30	
1,3-Dichloropropane	9.22		"	10.0		92.2	81-125		6.30	30	
1,4-Dichlorobenzene	10.6		"	10.0		106	85-124		0.655	30	
2,2-Dichloropropane	10.4		"	10.0		104	56-150		2.38	30	
2-Chlorotoluene	10.1		"	10.0		101	79-130		0.199	30	
2-Hexanone	8.20		"	10.0		82.0	51-146		0.729	30	
4-Chlorotoluene	9.82		"	10.0		98.2	79-128		1.32	30	
Acetone	7.65		"	10.0		76.5	14-150		8.73	30	
Benzene	11.8		"	10.0		118	85-126		2.05	30	
Bromobenzene	9.62		"	10.0		96.2	78-129		1.89	30	
Bromochloromethane	10.2		"	10.0		102	77-128		4.69	30	
Bromodichloromethane	8.95		"	10.0		89.5	79-128		5.65	30	
Bromoform	8.58		"	10.0		85.8	78-133		4.11	30	
Bromomethane	4.74		"	10.0		47.4	43-168		32.6	30	Non-dir.
Carbon tetrachloride	11.5		"	10.0		115	77-141		8.82	30	
Chlorobenzene	10.5		"	10.0		105	88-120		0.956	30	
Chloroethane	9.46		"	10.0		94.6	65-136		2.46	30	
Chloroform	11.6		"	10.0		116	82-128		1.13	30	
Chloromethane	8.13		"	10.0		81.3	43-155		4.02	30	
cis-1,2-Dichloroethylene	10.8		"	10.0		108	83-129		0.929	30	
cis-1,3-Dichloropropylene	8.38		"	10.0		83.8	80-131		6.58	30	
Dibromochloromethane	8.99		"	10.0		89.9	80-130		7.29	30	
Dibromomethane	9.09		"	10.0		90.9	72-134		7.42	30	
Dichlorodifluoromethane	9.11		"	10.0		91.1	44-144		2.71	30	
Ethyl Benzene	10.2		"	10.0		102	80-131		1.59	30	
Hexachlorobutadiene	9.59		"	10.0		95.9	67-146		2.96	30	
Isopropylbenzene	10.4		"	10.0		104	76-140		1.46	30	
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	76-135		0.186	30	
Methylene chloride	9.94		"	10.0		99.4	55-137		0.00	30	
Naphthalene	10.3		"	10.0		103	70-147		0.00	30	
n-Butylbenzene	10.0		"	10.0		100	79-132		1.91	30	
n-Propylbenzene	10.4		"	10.0		104	78-133		0.385	30	
o-Xylene	9.82		"	10.0		98.2	78-130		5.26	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

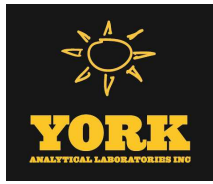
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF50527 - EPA 5030B

LCS Dup (BF50527-BSD1)

Prepared & Analyzed: 06/10/2015

p- & m- Xylenes	21.5		ug/L	20.0		107	77-133		0.701	30	
p-Isopropyltoluene	10.5		"	10.0		105	81-136		1.92	30	
sec-Butylbenzene	10.3		"	10.0		103	79-137		1.08	30	
Styrene	11.1		"	10.0		111	67-132		6.30	30	
tert-Butylbenzene	10.3		"	10.0		103	77-138		1.76	30	
Tetrachloroethylene	9.25		"	10.0		92.5	82-131		8.39	30	
Toluene	9.40		"	10.0		94.0	80-127		6.68	30	
trans-1,2-Dichloroethylene	10.9		"	10.0		109	80-132		0.184	30	
trans-1,3-Dichloropropylene	7.90		"	10.0		79.0	78-131		5.42	30	
Trichloroethylene	9.37		"	10.0		93.7	82-128		7.00	30	
Trichlorofluoromethane	10.5		"	10.0		105	67-139		1.73	30	
Vinyl Chloride	9.98		"	10.0		99.8	58-145		2.33	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	9.52		"	10.0		95.2	69-130				
<i>Surrogate: Toluene-d8</i>	8.68		"	10.0		86.8	81-117				
<i>Surrogate: p-Bromofluorobenzene</i>	9.32		"	10.0		93.2	79-122				



### Volatile Analysis Sample Containers

<b>Lab ID</b>	<b>Client Sample ID</b>	<b>Volatile Sample Container</b>
15F0239-01	WQ060315; 1300 FRW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15F0239-02	WQ060315; 1305 FRW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15F0239-03	WQ060315; 1310 FRW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15F0239-04	WQ060315; 1315 FRW-4	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/LOD) or in the case of a TIC, the result is an estimated concentration.
<hr/>	
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
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 LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

# 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

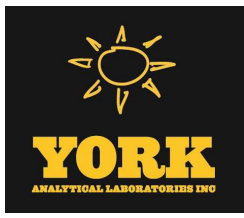
NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 15F0239

<b>YOUR Information</b> Company: <u>LB&amp;E</u> Address: <u>4 Research Dr Suite 301 Shelton, CT 06484</u> Phone No: <u>203-229-8555</u> Contract Person: <u>Tunde Sandor</u> E-Mail Address: <u>TSandor@libct.com</u>		<b>Report To:</b> Company: <u>Same</u> Address: _____ Phone No: _____ Attention: _____ E-Mail Address: _____		<b>Invoice To:</b> Company: <u>Same</u> Address: _____ Phone No: _____ Attention: _____ E-Mail Address: _____		<b>YOUR Project ID</b> <u>Rowe Industries.</u> Purchase Order No. <u>HABSA6</u> Samples from: CT <input type="checkbox"/> NY <input checked="" type="checkbox"/> NJ <input type="checkbox"/>		<b>Turn-Around Time</b> 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"/>		<b>Report Type</b> Summary Report <input checked="" type="checkbox"/> Summary w/ QA Summary <input checked="" type="checkbox"/> CT RCP Package <input type="checkbox"/> CT RCP DQA/DUE Pkg <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B Package <input checked="" type="checkbox"/> NIDEP Red. Deliv. <input type="checkbox"/> Electronic Data Deliverables (EDD) <input type="checkbox"/> Simple Excel <input checked="" type="checkbox"/> NYSDEC EQUIS <input type="checkbox"/> EQUIS (std) <input type="checkbox"/> EZ-EDD (EQUIS) <input type="checkbox"/> NIDEP SRP HazSite EDD <input type="checkbox"/> GIS/KEY (std) <input type="checkbox"/> Other _____ York Regulatory Comparison <input type="checkbox"/> Excel Spreadsheet <input type="checkbox"/> Compare to the following Regs. (please fill in): _____	
<b>Volatiles</b> 8260 full 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Halog only App-LX list 8021B list		<b>Semi-Volatiles</b> 8270 or 625 STARS list EN Only Acids Only PAH list TAGM list CT RCP list TCL list NIDEP list App. LX Chloridate App-LX list SEP-Per-TCLP 608 PCB		<b>Metals</b> RCBAS PP15 list TAL CT15 list TAGM list NIDEP list Air TO15 Air TO15 Air STARS SEP or TCLP Air VPH Air TICs Methane Helium		<b>Misc.</b> Consistency Reactivity Ignitability Flash Point Sieve Anal. Heterotrophs TOX BTU/E Asbestos Aromatic Tox. NYSDP TOC NYSDP Adhesives Silica		<b>Container Description(s)</b> <u>VOC's</u>			
<b>Matrix Codes</b> S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		<b>Sample Matrix</b> <u>GW</u>		<b>Date Sampled</b> <u>6-3-15</u>		<b>Choose Analyses Needed from the Menu Above and Enter Below</b> <u>VOC 8260 full list (EPA SW846-8260) plus from 113</u>					
<b>Preservation</b> Check those applicable Special Instructions Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>		<b>Temperature on Receipt</b> <u>4.3 °C</u>		<b>Comments</b> <u>LB&amp;E 6/5/15 13:59</u> <u>LB&amp;E 6/5/15 13:59</u>							

(AW & FAW)

**APPENDIX III**  
**JUNE 2015 LABORATORY ANALYTICAL REPORTS**  
**FOR AIR SAMPLES**



# Technical Report

prepared for:

**Leggette Brashears & Graham Shelton Office**

4 Research Drive, Suite 204

Shelton CT, 06484

**Attention: Tunde Komuves-Sandor**

Report Date: 07/02/2015

**Client Project ID: Rowe Industries**

York Project (SDG) No.: 15F0746

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 07/02/2015  
Client Project ID: Rowe Industries  
York Project (SDG) No.: 15F0746

**Leggette Brashears & Graham Shelton Office**  
4 Research Drive, Suite 204  
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 19, 2015 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>
15F0746-01	AQ061715:1100NP4-1	Vapor Extraction	06/17/2015	06/19/2015
15F0746-02	AQ061715:1105NP4-2	Vapor Extraction	06/17/2015	06/19/2015
15F0746-03	AQ061715:1110NP4-3	Vapor Extraction	06/17/2015	06/19/2015

## General Notes for York Project (SDG) No.: 15F0746

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.

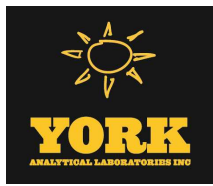
Approved By:



Benjamin Gulizia  
Laboratory Director

Date: 07/02/2015





### Sample Information

**Client Sample ID:** AQ061715:1100NP4-1

**York Sample ID:** 15F0746-01

<u>York Project (SDG) No.</u> 15F0746	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Vapor Extraction	<u>Collection Date/Time</u> June 17, 2015 11:00 am	<u>Date Received</u> 06/19/2015
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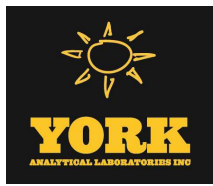
**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	0.34	0.69	1	EPA TO-15 Certifications:	06/30/2015 12:49	07/01/2015 17:15	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	0.55	0.55	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	0.69	0.69	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	0.77	0.77	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	0.55	0.55	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	0.74	0.74	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m <sup>3</sup>	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	0.77	0.77	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	0.46	0.46	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	0.70	0.70	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	0.46	0.46	1	EPA TO-15 Certifications:	06/30/2015 12:49	07/01/2015 17:15	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	0.36	0.36	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
78-93-3	<b>2-Butanone</b>	<b>2.2</b>	<b>B</b>	ug/m <sup>3</sup>	0.29	0.29	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
591-78-6	* 2-Hexanone	ND		ug/m <sup>3</sup>	0.82	0.82	1	EPA TO-15 Certifications:	06/30/2015 12:49	07/01/2015 17:15	ALD
107-05-1	* 3-Chloropropene	ND		ug/m <sup>3</sup>	0.31	0.31	1	EPA TO-15 Certifications:	06/30/2015 12:49	07/01/2015 17:15	ALD



### Sample Information

**Client Sample ID:** AQ061715:1100NP4-1

**York Sample ID:** 15F0746-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0746

Rowe Industries

Vapor Extraction

June 17, 2015 11:00 am

06/19/2015

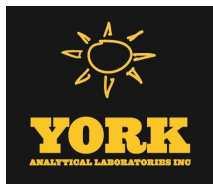
**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
67-64-1	<b>Acetone</b>	<b>8.6</b>	B	ug/m <sup>3</sup>	0.24	4.8	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
107-13-1	* Acrylonitrile	ND		ug/m <sup>3</sup>	0.22	0.22	1	EPA TO-15 Certifications:	06/30/2015 12:49	07/01/2015 17:15	ALD
71-43-2	Benzene	ND		ug/m <sup>3</sup>	0.32	0.32	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	0.52	0.52	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	0.62	0.62	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	1.0	1.0	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	0.39	0.39	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
75-15-0	Carbon disulfide	ND		ug/m <sup>3</sup>	0.31	0.31	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
56-23-5	<b>Carbon tetrachloride</b>	<b>0.38</b>		ug/m <sup>3</sup>	0.16	0.16	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	0.46	0.46	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	0.26	0.26	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
67-66-3	Chloroform	ND		ug/m <sup>3</sup>	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
74-87-3	<b>Chloromethane</b>	<b>1.5</b>		ug/m <sup>3</sup>	0.21	0.21	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
156-59-2	<b>cis-1,2-Dichloroethylene</b>	<b>0.67</b>		ug/m <sup>3</sup>	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.45	0.45	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
110-82-7	Cyclohexane	ND		ug/m <sup>3</sup>	0.34	0.34	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	0.80	0.80	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
75-71-8	<b>Dichlorodifluoromethane</b>	<b>2.0</b>		ug/m <sup>3</sup>	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
141-78-6	* Ethyl acetate	ND		ug/m <sup>3</sup>	0.72	0.72	1	EPA TO-15 Certifications:	06/30/2015 12:49	07/01/2015 17:15	ALD
100-41-4	Ethyl Benzene	ND		ug/m <sup>3</sup>	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	1.1	1.1	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
67-63-0	<b>Isopropanol</b>	<b>0.74</b>		ug/m <sup>3</sup>	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD



### Sample Information

**Client Sample ID:** AQ061715:1100NP4-1

**York Sample ID:** 15F0746-01

York Project (SDG) No.

15F0746

Client Project ID

Rowe Industries

Matrix

Vapor Extraction

Collection Date/Time

June 17, 2015 11:00 am

Date Received

06/19/2015

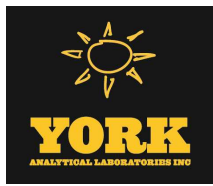
**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m <sup>3</sup>	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	0.36	0.36	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
75-09-2	Methylene chloride	ND		ug/m <sup>3</sup>	0.69	0.69	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
142-82-5	n-Heptane	ND		ug/m <sup>3</sup>	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
110-54-3	n-Hexane	ND		ug/m <sup>3</sup>	0.35	0.35	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
95-47-6	o-Xylene	ND		ug/m <sup>3</sup>	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
179601-23-1	p- & m- Xylenes	ND		ug/m <sup>3</sup>	0.87	0.87	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
622-96-8	* p-Ethyltoluene	ND		ug/m <sup>3</sup>	0.49	0.49	1	EPA TO-15 Certifications:	06/30/2015 12:49	07/01/2015 17:15	ALD
115-07-1	* Propylene	ND		ug/m <sup>3</sup>	0.17	0.17	1	EPA TO-15 Certifications:	06/30/2015 12:49	07/01/2015 17:15	ALD
100-42-5	Styrene	ND		ug/m <sup>3</sup>	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
127-18-4	<b>Tetrachloroethylene</b>	<b>5.8</b>		ug/m <sup>3</sup>	0.17	0.17	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
109-99-9	<b>* Tetrahydrofuran</b>	<b>3.0</b>	B	ug/m <sup>3</sup>	0.29	2.9	1	EPA TO-15 Certifications:	06/30/2015 12:49	07/01/2015 17:15	ALD
108-88-3	Toluene	ND		ug/m <sup>3</sup>	0.38	0.38	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.45	0.45	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
79-01-6	<b>Trichloroethylene</b>	<b>0.91</b>		ug/m <sup>3</sup>	0.13	0.13	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
75-69-4	<b>Trichlorofluoromethane (Freon 11)</b>	<b>1.2</b>		ug/m <sup>3</sup>	0.56	0.56	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	0.35	0.35	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	0.44	0.44	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	0.064	0.064	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 17:15	ALD
	<b>Surrogate Recoveries</b>	<b>Result</b>						<b>Acceptance Range</b>			
460-00-4	Surrogate: p-Bromofluorobenzene	90.4 %						72-118			



### Sample Information

**Client Sample ID:** AQ061715:1105NP4-2

**York Sample ID:** 15F0746-02

York Project (SDG) No.

15F0746

Client Project ID

Rowe Industries

Matrix

Vapor Extraction

Collection Date/Time

June 17, 2015 11:05 am

Date Received

06/19/2015

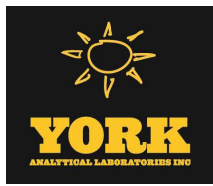
**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	0.41	0.82	1.195	EPA TO-15 Certifications:	06/30/2015 12:49	07/01/2015 18:18	ALD
71-55-6	<b>1,1,1-Trichloroethane</b>	<b>1.6</b>		ug/m <sup>3</sup>	0.65	0.65	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	0.82	0.82	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	0.92	0.92	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	0.65	0.65	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	0.48	0.48	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	0.47	0.47	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	0.89	0.89	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m <sup>3</sup>	0.59	0.59	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	0.92	0.92	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.72	0.72	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	0.48	0.48	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	0.55	0.55	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	0.84	0.84	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	0.59	0.59	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	0.52	0.52	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.72	0.72	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	0.55	0.55	1.195	EPA TO-15 Certifications:	06/30/2015 12:49	07/01/2015 18:18	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.72	0.72	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	0.43	0.43	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
78-93-3	<b>2-Butanone</b>	<b>1.8</b>	<b>B</b>	ug/m <sup>3</sup>	0.35	0.35	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
591-78-6	* 2-Hexanone	ND		ug/m <sup>3</sup>	0.98	0.98	1.195	EPA TO-15 Certifications:	06/30/2015 12:49	07/01/2015 18:18	ALD
107-05-1	* 3-Chloropropene	ND		ug/m <sup>3</sup>	0.37	0.37	1.195	EPA TO-15 Certifications:	06/30/2015 12:49	07/01/2015 18:18	ALD



### Sample Information

**Client Sample ID:** AQ061715:1105NP4-2

**York Sample ID:** 15F0746-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0746

Rowe Industries

Vapor Extraction

June 17, 2015 11:05 am

06/19/2015

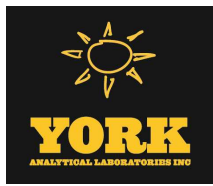
**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	0.49	0.49	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
67-64-1	<b>Acetone</b>	<b>13</b>	B	ug/m <sup>3</sup>	0.28	5.7	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
107-13-1	* Acrylonitrile	ND		ug/m <sup>3</sup>	0.26	0.26	1.195	EPA TO-15 Certifications:	06/30/2015 12:49	07/01/2015 18:18	ALD
71-43-2	Benzene	ND		ug/m <sup>3</sup>	0.38	0.38	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	0.62	0.62	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	0.74	0.74	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	1.2	1.2	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	0.46	0.46	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
75-15-0	Carbon disulfide	ND		ug/m <sup>3</sup>	0.37	0.37	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
56-23-5	Carbon tetrachloride	ND		ug/m <sup>3</sup>	0.19	0.19	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	0.55	0.55	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	0.32	0.32	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
67-66-3	<b>Chloroform</b>	<b>0.58</b>		ug/m <sup>3</sup>	0.58	0.58	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
74-87-3	<b>Chloromethane</b>	<b>1.5</b>		ug/m <sup>3</sup>	0.25	0.25	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
156-59-2	<b>cis-1,2-Dichloroethylene</b>	<b>2.3</b>		ug/m <sup>3</sup>	0.47	0.47	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.54	0.54	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
110-82-7	Cyclohexane	ND		ug/m <sup>3</sup>	0.41	0.41	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	0.96	0.96	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
75-71-8	<b>Dichlorodifluoromethane</b>	<b>2.1</b>		ug/m <sup>3</sup>	0.59	0.59	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
141-78-6	* Ethyl acetate	ND		ug/m <sup>3</sup>	0.86	0.86	1.195	EPA TO-15 Certifications:	06/30/2015 12:49	07/01/2015 18:18	ALD
100-41-4	Ethyl Benzene	ND		ug/m <sup>3</sup>	0.52	0.52	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	1.3	1.3	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
67-63-0	<b>Isopropanol</b>	<b>0.73</b>		ug/m <sup>3</sup>	0.59	0.59	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD



### Sample Information

**Client Sample ID:** AQ061715:1105NP4-2

**York Sample ID:** 15F0746-02

York Project (SDG) No.

15F0746

Client Project ID

Rowe Industries

Matrix

Vapor Extraction

Collection Date/Time

June 17, 2015 11:05 am

Date Received

06/19/2015

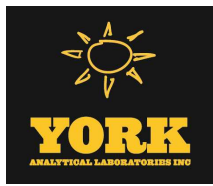
**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m <sup>3</sup>	0.49	0.49	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	0.43	0.43	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
75-09-2	<b>Methylene chloride</b>	<b>48</b>		ug/m <sup>3</sup>	0.83	0.83	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
142-82-5	n-Heptane	ND		ug/m <sup>3</sup>	0.49	0.49	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
110-54-3	<b>n-Hexane</b>	<b>21</b>		ug/m <sup>3</sup>	0.42	0.42	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
95-47-6	o-Xylene	ND		ug/m <sup>3</sup>	0.52	0.52	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
179601-23-1	p- & m- Xylenes	ND		ug/m <sup>3</sup>	1.0	1.0	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
622-96-8	* p-Ethyltoluene	ND		ug/m <sup>3</sup>	0.59	0.59	1.195	EPA TO-15 Certifications:	06/30/2015 12:49	07/01/2015 18:18	ALD
115-07-1	* Propylene	ND		ug/m <sup>3</sup>	0.21	0.21	1.195	EPA TO-15 Certifications:	06/30/2015 12:49	07/01/2015 18:18	ALD
100-42-5	Styrene	ND		ug/m <sup>3</sup>	0.51	0.51	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
127-18-4	<b>Tetrachloroethylene</b>	<b>12</b>		ug/m <sup>3</sup>	0.20	0.20	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m <sup>3</sup>	0.35	3.5	1.195	EPA TO-15 Certifications:	06/30/2015 12:49	07/01/2015 18:18	ALD
108-88-3	<b>Toluene</b>	<b>0.45</b>		ug/m <sup>3</sup>	0.45	0.45	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	0.47	0.47	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.54	0.54	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
79-01-6	Trichloroethylene	ND		ug/m <sup>3</sup>	0.16	0.16	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
75-69-4	<b>Trichlorofluoromethane (Freon 11)</b>	<b>3.6</b>		ug/m <sup>3</sup>	0.67	0.67	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	0.42	0.42	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	0.52	0.52	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	0.076	0.076	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 18:18	ALD
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>							
460-00-4	Surrogate: p-Bromofluorobenzene	89.9 %		72-118							



### Sample Information

**Client Sample ID:** AQ061715:1110NP4-3

**York Sample ID:** 15F0746-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0746

Rowe Industries

Vapor Extraction

June 17, 2015 11:10 am

06/19/2015

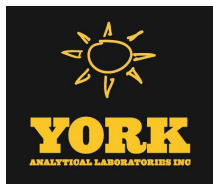
**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	0.34	0.69	1	EPA TO-15 Certifications:	06/30/2015 12:49	07/01/2015 19:22	ALD
71-55-6	<b>1,1,1-Trichloroethane</b>	<b>6.8</b>		ug/m <sup>3</sup>	0.55	0.55	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	0.69	0.69	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	0.77	0.77	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	0.55	0.55	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
75-34-3	<b>1,1-Dichloroethane</b>	<b>0.40</b>		ug/m <sup>3</sup>	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	0.74	0.74	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m <sup>3</sup>	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	0.77	0.77	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	0.46	0.46	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	0.70	0.70	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	0.46	0.46	1	EPA TO-15 Certifications:	06/30/2015 12:49	07/01/2015 19:22	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	0.36	0.36	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
78-93-3	<b>2-Butanone</b>	<b>1.2</b>	<b>B</b>	ug/m <sup>3</sup>	0.29	0.29	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
591-78-6	* 2-Hexanone	ND		ug/m <sup>3</sup>	0.82	0.82	1	EPA TO-15 Certifications:	06/30/2015 12:49	07/01/2015 19:22	ALD
107-05-1	* 3-Chloropropene	ND		ug/m <sup>3</sup>	0.31	0.31	1	EPA TO-15 Certifications:	06/30/2015 12:49	07/01/2015 19:22	ALD



### Sample Information

**Client Sample ID:** AQ061715:1110NP4-3

**York Sample ID:** 15F0746-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0746

Rowe Industries

Vapor Extraction

June 17, 2015 11:10 am

06/19/2015

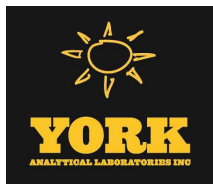
**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
67-64-1	<b>Acetone</b>	<b>6.3</b>	B	ug/m <sup>3</sup>	0.24	4.8	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
107-13-1	* Acrylonitrile	ND		ug/m <sup>3</sup>	0.22	0.22	1	EPA TO-15 Certifications:	06/30/2015 12:49	07/01/2015 19:22	ALD
71-43-2	Benzene	ND		ug/m <sup>3</sup>	0.32	0.32	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	0.52	0.52	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	0.62	0.62	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	1.0	1.0	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	0.39	0.39	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
75-15-0	Carbon disulfide	ND		ug/m <sup>3</sup>	0.31	0.31	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
56-23-5	<b>Carbon tetrachloride</b>	<b>0.69</b>		ug/m <sup>3</sup>	0.16	0.16	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	0.46	0.46	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	0.26	0.26	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
67-66-3	<b>Chloroform</b>	<b>1.1</b>		ug/m <sup>3</sup>	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
74-87-3	<b>Chloromethane</b>	<b>1.5</b>		ug/m <sup>3</sup>	0.21	0.21	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
156-59-2	<b>cis-1,2-Dichloroethylene</b>	<b>3.3</b>		ug/m <sup>3</sup>	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.45	0.45	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
110-82-7	Cyclohexane	ND		ug/m <sup>3</sup>	0.34	0.34	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	0.80	0.80	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
75-71-8	<b>Dichlorodifluoromethane</b>	<b>1.7</b>		ug/m <sup>3</sup>	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
141-78-6	* Ethyl acetate	ND		ug/m <sup>3</sup>	0.72	0.72	1	EPA TO-15 Certifications:	06/30/2015 12:49	07/01/2015 19:22	ALD
100-41-4	Ethyl Benzene	ND		ug/m <sup>3</sup>	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	1.1	1.1	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
67-63-0	Isopropanol	ND		ug/m <sup>3</sup>	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD



### Sample Information

**Client Sample ID:** AQ061715:1110NP4-3

**York Sample ID:** 15F0746-03

York Project (SDG) No.

15F0746

Client Project ID

Rowe Industries

Matrix

Vapor Extraction

Collection Date/Time

June 17, 2015 11:10 am

Date Received

06/19/2015

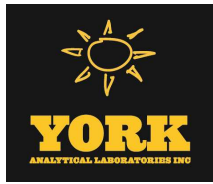
**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m <sup>3</sup>	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
1634-04-4	<b>Methyl tert-butyl ether (MTBE)</b>	<b>1.0</b>		ug/m <sup>3</sup>	0.36	0.36	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
75-09-2	Methylene chloride	ND		ug/m <sup>3</sup>	0.69	0.69	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
142-82-5	n-Heptane	ND		ug/m <sup>3</sup>	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
110-54-3	<b>n-Hexane</b>	<b>0.49</b>		ug/m <sup>3</sup>	0.35	0.35	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
95-47-6	o-Xylene	ND		ug/m <sup>3</sup>	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
179601-23-1	p- & m- Xylenes	ND		ug/m <sup>3</sup>	0.87	0.87	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
622-96-8	* p-Ethyltoluene	ND		ug/m <sup>3</sup>	0.49	0.49	1	EPA TO-15 Certifications:	06/30/2015 12:49	07/01/2015 19:22	ALD
115-07-1	* Propylene	ND		ug/m <sup>3</sup>	0.17	0.17	1	EPA TO-15 Certifications:	06/30/2015 12:49	07/01/2015 19:22	ALD
100-42-5	Styrene	ND		ug/m <sup>3</sup>	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
127-18-4	<b>Tetrachloroethylene</b>	<b>0.68</b>		ug/m <sup>3</sup>	0.17	0.17	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m <sup>3</sup>	0.29	2.9	1	EPA TO-15 Certifications:	06/30/2015 12:49	07/01/2015 19:22	ALD
108-88-3	Toluene	ND		ug/m <sup>3</sup>	0.38	0.38	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.45	0.45	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
79-01-6	Trichloroethylene	ND		ug/m <sup>3</sup>	0.13	0.13	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
75-69-4	<b>Trichlorofluoromethane (Freon 11)</b>	<b>0.90</b>		ug/m <sup>3</sup>	0.56	0.56	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	0.35	0.35	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	0.44	0.44	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	0.064	0.064	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/30/2015 12:49	07/01/2015 19:22	ALD
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
460-00-4	Surrogate: p-Bromofluorobenzene	89.0 %			72-118						



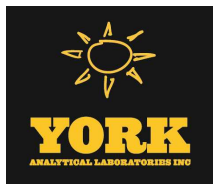
## Analytical Batch Summary

**Batch ID:** BG50057

**Preparation Method:** EPA TO15 PREP

**Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15F0746-01	AQ061715:1100NP4-1	06/30/15
15F0746-02	AQ061715:1105NP4-2	06/30/15
15F0746-03	AQ061715:1110NP4-3	06/30/15
BG50057-BLK1	Blank	06/30/15
BG50057-BS1	LCS	06/30/15



**Volatile Organic Compounds in Air by GC/MS - 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 BG50057 - EPA TO15 PREP**

**Blank (BG50057-BLK1)**

Prepared & Analyzed: 06/30/2015

1,1,1,2-Tetrachloroethane	ND	0.69	ug/m <sup>3</sup>								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.40	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.43	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.36	"								
2-Butanone	0.38	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	0.31	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	3.9	0.24	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.62	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.80	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								



**Volatile Organic Compounds in Air by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

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

**Batch BG50057 - EPA TO15 PREP**

**Blank (BG50057-BLK1)**

Prepared & Analyzed: 06/30/2015

o-Xylene	ND	0.43	ug/m <sup>3</sup>								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	2.7	0.29	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.064	"								

<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.29</i>		<i>ppbv</i>	<i>10.4</i>		<i>89.3</i>	<i>72-118</i>				
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**LCS (BG50057-BS1)**

Prepared & Analyzed: 06/30/2015

1,1,1,2-Tetrachloroethane	8.76		ppbv	10.5		83.4	82-126				
1,1,1-Trichloroethane	8.49		"	10.2		83.2	70-130				
1,1,2,2-Tetrachloroethane	8.13		"	10.3		78.9	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.41		"	10.4		80.9	70-130				
1,1,2-Trichloroethane	9.01		"	10.3		87.5	70-130				
1,1-Dichloroethane	8.49		"	10.2		83.2	70-130				
1,1-Dichloroethylene	8.52		"	10.4		81.9	70-130				
1,2,4-Trichlorobenzene	8.26		"	9.00		91.8	70-130				
1,2,4-Trimethylbenzene	8.62		"	10.2		84.5	70-130				
1,2-Dibromoethane	9.07		"	10.4		87.2	70-130				
1,2-Dichlorobenzene	9.37		"	10.1		92.8	70-130				
1,2-Dichloroethane	8.50		"	10.2		83.3	70-130				
1,2-Dichloropropane	8.82		"	10.2		86.5	70-130				
1,2-Dichlorotetrafluoroethane	9.89		"	9.80		101	70-130				
1,3,5-Trimethylbenzene	8.11		"	10.0		81.1	70-130				
1,3-Butadiene	10.4		"	10.1		103	70-130				
1,3-Dichlorobenzene	9.38		"	10.2		92.0	70-130				
1,3-Dichloropropane	8.73		"	10.5		83.1	70-130				
1,4-Dichlorobenzene	9.24		"	10.1		91.5	70-130				
1,4-Dioxane	8.31		"	10.2		81.5	70-130				
2-Butanone	9.15		"	10.4		88.0	70-130				
2-Hexanone	10.7		"	10.5		102	70-130				
3-Chloropropene	9.44		"	10.7		88.2	70-130				
4-Methyl-2-pentanone	10.4		"	10.2		102	70-130				
Acetone	10.3		"	10.6		97.1	70-130				
Acrylonitrile	6.50		"	10.3		63.1	70-130			Low Bias	
Benzene	7.94		"	10.3		77.1	70-130				
Benzyl chloride	6.57		"	10.2		64.4	70-130			Low Bias	
Bromodichloromethane	9.00		"	10.2		88.2	70-130				
Bromoform	9.07		"	10.1		89.8	70-130				
Bromomethane	7.66		"	9.50		80.6	70-130				
Carbon disulfide	8.62		"	10.5		82.1	70-130				
Carbon tetrachloride	8.82		"	10.2		86.5	70-130				
Chlorobenzene	8.01		"	10.5		76.3	70-130				



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

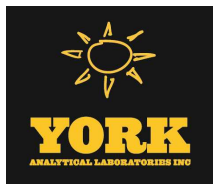
Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result					Limit			

Batch BG50057 - EPA TO15 PREP

LCS (BG50057-BS1)

Prepared & Analyzed: 06/30/2015

Chloroethane	7.42		ppbv	9.40		78.9	70-130						
Chloroform	7.97		"	10.4		76.6	70-130						
Chloromethane	8.81		"	9.80		89.9	70-130						
cis-1,2-Dichloroethylene	8.45		"	10.2		82.8	70-130						
cis-1,3-Dichloropropylene	9.11		"	11.0		82.8	70-130						
Cyclohexane	8.36		"	10.3		81.2	70-130						
Dibromochloromethane	10.1		"	10.6		95.3	70-130						
Dichlorodifluoromethane	9.34		"	9.80		95.3	70-130						
Ethyl acetate	9.38		"	10.4		90.2	70-130						
Ethyl Benzene	7.93		"	10.4		76.2	70-130						
Hexachlorobutadiene	9.28		"	9.10		102	70-130						
Isopropanol	7.54		"	10.0		75.4	70-130						
Methyl Methacrylate	8.82		"	9.80		90.0	70-130						
Methyl tert-butyl ether (MTBE)	8.04		"	10.3		78.1	70-130						
Methylene chloride	9.18		"	10.4		88.3	70-130						
n-Heptane	9.50		"	10.5		90.5	70-130						
n-Hexane	8.59		"	10.5		81.8	70-130						
o-Xylene	8.36		"	10.3		81.2	70-130						
p- & m- Xylenes	16.8		"	20.2		83.0	70-130						
p-Ethyltoluene	8.29		"	10.0		82.9	70-130						
Propylene	9.83		"	10.6		92.7	70-130						
Styrene	8.14		"	10.2		79.8	70-130						
Tetrachloroethylene	9.15		"	9.90		92.4	70-130						
Tetrahydrofuran	9.99		"	10.6		94.2	70-130						
Toluene	8.93		"	10.5		85.0	70-130						
trans-1,2-Dichloroethylene	8.31		"	10.1		82.3	70-130						
trans-1,3-Dichloropropylene	8.49		"	10.3		82.4	70-130						
Trichloroethylene	8.71		"	10.2		85.4	70-130						
Trichlorofluoromethane (Freon 11)	8.55		"	9.90		86.4	70-130						
Vinyl acetate	9.78		"	10.7		91.4	70-130						
Vinyl bromide	8.19		"	10.5		78.0	70-130						
Vinyl Chloride	10.4		"	9.90		105	70-130						
Surrogate: p-Bromofluorobenzene	9.25		"	10.4		88.9	72-118						



## Notes and Definitions

QL-03 This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.

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.

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\* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.

ND NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)

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

LOQ LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.

LOD LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.

MDL METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.

Reported to This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.

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.

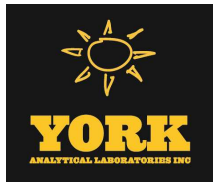
If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

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 LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.



**YORK**  
ANALYTICAL LABORATORIES, INC.  
120 RESEARCH DR. STRATFORD, CT 06615  
(203) 325-1371 FAX (203) 357-0156

# Field Chain-of-Custody Record - AIR

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 unless superseded by written contract.

York Project No. 15F0746

<b>YOUR Information</b>		<b>Report To:</b>		<b>Invoice To:</b>		<b>YOUR Project ID</b>		<b>Turn-Around Time</b>		<b>Report Type/Deliverables</b>	
Company: <u>LBG</u>	Address: <u>4 Research Dr, Suite 301</u>	Company: <u>Same</u>	Address: <u>Same</u>	Company: <u>Same</u>	Address: <u>Same</u>	<u>Rowe Industries</u>		<input type="checkbox"/> RUSH - Same Day	<input type="checkbox"/> RUSH - Next Day	<input checked="" type="checkbox"/> Summary Report	<input checked="" type="checkbox"/> Summary w/ QA summary
Phone No. <u>203-929-8555</u>	Attention: <u>Tunde Sandoz</u>	Phone No. _____	Attention: _____	Phone No. _____	Attention: _____	<u>Purchase Order No. NABSAG</u>		<input type="checkbox"/> RUSH - Two Day	<input type="checkbox"/> RUSH - Three Day	<input checked="" type="checkbox"/> CT RCP Package	<input checked="" type="checkbox"/> NY ASP A Package
Contact Person: <u>Tunde Sandoz</u>	E-Mail Address: <u>TSandoz@LBGCT.COM</u>	Phone No. _____	Attention: _____	Phone No. _____	Attention: _____	Samples from: CT <u>NY</u> X <u>NJ</u>		<input type="checkbox"/> RUSH - Four Day	<input type="checkbox"/> Standard (5-7 Days) <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> NY ASP B/CLP Pkg	<input checked="" type="checkbox"/> NUDEP Reduced
E-Mail Address: <u>TSandoz@LBGCT.COM</u>		E-Mail Address: _____		E-Mail Address: _____		E-MAIL ADDRESS: _____		Detection Limits Required		<b>Electronic Deliverables:</b>	

**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.**

[Signature]  
Samples Collected/Authorized By (Signature)  
Evan Foster  
Name (printed)

<b>TO15 Volatiles and Other Gas Analyses</b>	<b>TO15 Volatiles and Other Gas Analyses</b>
EPA TO-15 List	EPA TO-14A List
NYSDEC VI list	Tentatively Identified Compounds
NYSDEC STARS List	Air VPH
Project Specific List by TO-15	Helium
NUDEP Target List	Methane
CTDEP RCP Target List	OTHER

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Choose Analysis Needed from the Menu Above and Enter Below	Sampling Media
A0061715: 1100 NP4-1	6-17-15	AE			EPA TO-15 List	6 Liter Summa canister Tedlar Bag
A0061715: 1105 NP4-2	↓	AE				6 Liter Summa canister Tedlar Bag
A0061715: 1110 NP4-3	↓	AC				6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag

Comments

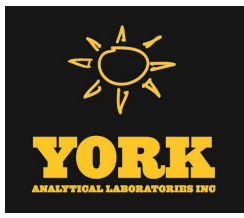
[Signature]  
Samples Relinquished By \_\_\_\_\_ Date/Time 6/17/15 1830

[Signature]  
Samples Received By \_\_\_\_\_ Date/Time 6/19/15 11:09

[Signature]  
Samples Relinquished By \_\_\_\_\_ Date/Time \_\_\_\_\_

[Signature]  
Samples Received in LAB by \_\_\_\_\_ Date/Time 6-17-15 1350

**APPENDIX IV**  
**JUNE 2015 LABORATORY ANALYTICAL REPORTS**  
**FOR MONITOR WELLS**



# Technical Report

prepared for:

**Leggette Brashears & Graham Shelton Office**

4 Research Drive, Suite 204

Shelton CT, 06484

**Attention: Tunde Komuves-Sandor**

Report Date: 06/11/2015

**Client Project ID: Rowe Industries**

York Project (SDG) No.: 15F0245

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 06/11/2015  
Client Project ID: Rowe Industries  
York Project (SDG) No.: 15F0245

**Leggette Brashears & Graham Shelton Office**  
4 Research Drive, Suite 204  
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 05, 2015 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>
15F0245-01	MW-43A	Water	06/03/2015	06/05/2015
15F0245-02	MW-43B	Water	06/03/2015	06/05/2015
15F0245-03	MW-43C	Water	06/03/2015	06/05/2015
15F0245-04	MW-53	Water	06/03/2015	06/05/2015
15F0245-05	MW-54	Water	06/03/2015	06/05/2015
15F0245-06	Field Blank	Water	06/03/2015	06/05/2015

## **General Notes for York Project (SDG) No.: 15F0245**

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.

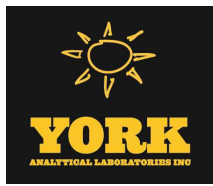
**Approved By:**



**Benjamin Gulizia**  
Laboratory Director

**Date:** 06/11/2015





### Sample Information

**Client Sample ID:** MW-43A

**York Sample ID:** 15F0245-01

<u>York Project (SDG) No.</u> 15F0245	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 3, 2015 3:00 pm	<u>Date Received</u> 06/05/2015
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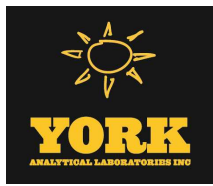
**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
71-55-6	<b>1,1,1-Trichloroethane</b>	<b>0.43</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
75-34-3	<b>1,1-Dichloroethane</b>	<b>0.47</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS



### Sample Information

**Client Sample ID:** MW-43A

**York Sample ID:** 15F0245-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0245

Rowe Industries

Water

June 3, 2015 3:00 pm

06/05/2015

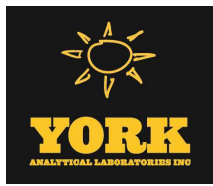
**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
67-66-3	<b>Chloroform</b>	<b>0.41</b>	<b>J</b>	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS



### Sample Information

**Client Sample ID:** MW-43A

**York Sample ID:** 15F0245-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0245

Rowe Industries

Water

June 3, 2015 3:00 pm

06/05/2015

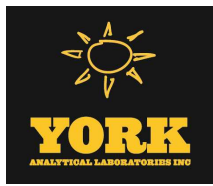
**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 08:29	06/10/2015 13:38	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 08:29	06/10/2015 13:38	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
127-18-4	<b>Tetrachloroethylene</b>	<b>0.71</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/10/2015 08:29	06/10/2015 13:38	SS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.0 %	69-130								
2037-26-5	Surrogate: Toluene-d8	104 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	104 %	79-122								



### Sample Information

**Client Sample ID:** MW-43B

**York Sample ID:** 15F0245-02

York Project (SDG) No.

Client Project ID

Matrix

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15F0245

Rowe Industries

Water

June 3, 2015 3:00 pm

06/05/2015

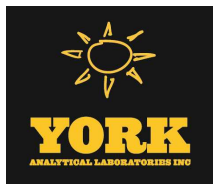
**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS



### Sample Information

**Client Sample ID:** MW-43B

**York Sample ID:** 15F0245-02

York Project (SDG) No.

Client Project ID

Matrix

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15F0245

Rowe Industries

Water

June 3, 2015 3:00 pm

06/05/2015

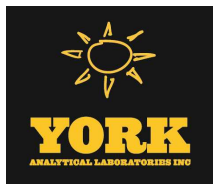
**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
67-66-3	<b>Chloroform</b>	<b>0.51</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS



**Sample Information**

**Client Sample ID:** MW-43B

**York Sample ID:** 15F0245-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0245

Rowe Industries

Water

June 3, 2015 3:00 pm

06/05/2015

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 08:29	06/10/2015 14:05	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 08:29	06/10/2015 14:05	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/10/2015 08:29	06/10/2015 14:05	SS

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %
2037-26-5	Surrogate: Toluene-d8	102 %
460-00-4	Surrogate: p-Bromofluorobenzene	105 %

**Sample Information**

**Client Sample ID:** MW-43C

**York Sample ID:** 15F0245-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0245

Rowe Industries

Water

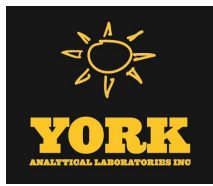
June 3, 2015 3:00 pm

06/05/2015

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

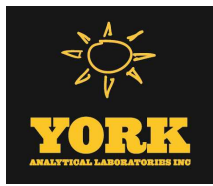
**Client Sample ID:** MW-43C

**York Sample ID:** 15F0245-03

<u>York Project (SDG) No.</u> 15F0245	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 3, 2015 3:00 pm	<u>Date Received</u> 06/05/2015
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Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS



### Sample Information

**Client Sample ID:** MW-43C

**York Sample ID:** 15F0245-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0245

Rowe Industries

Water

June 3, 2015 3:00 pm

06/05/2015

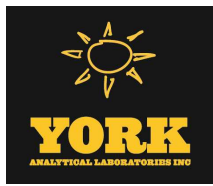
**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	1.5	CCV-E, SCAL-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS



**Sample Information**

**Client Sample ID:** MW-43C

**York Sample ID:** 15F0245-03

<u>York Project (SDG) No.</u> 15F0245	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 3, 2015 3:00 pm	<u>Date Received</u> 06/05/2015
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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	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 08:29	06/10/2015 14:32	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 08:29	06/10/2015 14:32	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/10/2015 08:29	06/10/2015 14:32	SS

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	69-130
2037-26-5	Surrogate: Toluene-d8	103 %	81-117
460-00-4	Surrogate: p-Bromofluorobenzene	101 %	79-122

**Sample Information**

**Client Sample ID:** MW-53

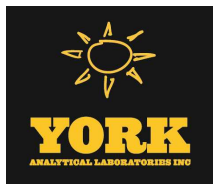
**York Sample ID:** 15F0245-04

<u>York Project (SDG) No.</u> 15F0245	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 3, 2015 3:00 pm	<u>Date Received</u> 06/05/2015
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**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

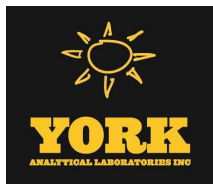
**Client Sample ID:** MW-53

**York Sample ID:** 15F0245-04

<u>York Project (SDG) No.</u> 15F0245	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 3, 2015 3:00 pm	<u>Date Received</u> 06/05/2015
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Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
71-55-6	<b>1,1,1-Trichloroethane</b>	<b>0.37</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
75-34-3	<b>1,1-Dichloroethane</b>	<b>0.25</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS



### Sample Information

**Client Sample ID:** MW-53

**York Sample ID:** 15F0245-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0245

Rowe Industries

Water

June 3, 2015 3:00 pm

06/05/2015

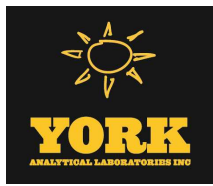
**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
67-64-1	Acetone	1.2	CCV-E, SCAL- E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
67-66-3	Chloroform	0.39	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS



### Sample Information

**Client Sample ID:** MW-53

**York Sample ID:** 15F0245-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0245

Rowe Industries

Water

June 3, 2015 3:00 pm

06/05/2015

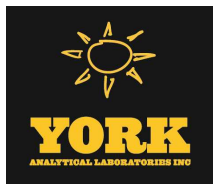
**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 08:29	06/10/2015 14:59	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 08:29	06/10/2015 14:59	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
127-18-4	<b>Tetrachloroethylene</b>	<b>0.22</b>	<b>J</b>	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/10/2015 08:29	06/10/2015 14:59	SS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %	69-130								
2037-26-5	Surrogate: Toluene-d8	103 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	104 %	79-122								



### Sample Information

**Client Sample ID:** MW-54

**York Sample ID:** 15F0245-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0245

Rowe Industries

Water

June 3, 2015 3:00 pm

06/05/2015

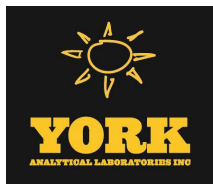
**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS



### Sample Information

**Client Sample ID:** MW-54

**York Sample ID:** 15F0245-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0245

Rowe Industries

Water

June 3, 2015 3:00 pm

06/05/2015

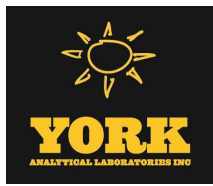
**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
67-64-1	Acetone	1.5	CCV-E, SCAL-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
67-66-3	Chloroform	0.63		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
74-87-3	Chloromethane	0.20	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS



### Sample Information

**Client Sample ID:** MW-54

**York Sample ID:** 15F0245-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0245

Rowe Industries

Water

June 3, 2015 3:00 pm

06/05/2015

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 08:29	06/10/2015 15:26	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 08:29	06/10/2015 15:26	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/10/2015 08:29	06/10/2015 15:26	SS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %			69-130						
2037-26-5	Surrogate: Toluene-d8	102 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	104 %			79-122						

### Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 15F0245-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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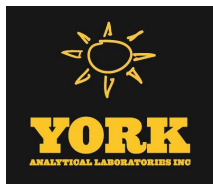
15F0245

Rowe Industries

Water

June 3, 2015 3:00 pm

06/05/2015



### Sample Information

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**York Sample ID:** 15F0245-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0245

Rowe Industries

Water

June 3, 2015 3:00 pm

06/05/2015

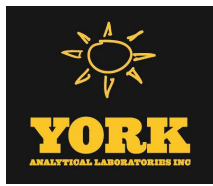
**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
75-35-4	<b>1,1-Dichloroethylene</b>	<b>0.38</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS



### Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 15F0245-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0245

Rowe Industries

Water

June 3, 2015 3:00 pm

06/05/2015

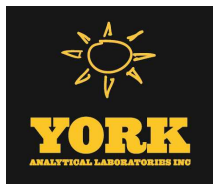
**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS



### Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 15F0245-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15F0245

Rowe Industries

Water

June 3, 2015 3:00 pm

06/05/2015

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

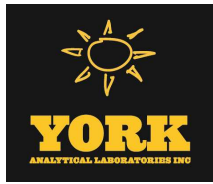
CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 08:29	06/10/2015 15:53	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	06/10/2015 08:29	06/10/2015 15:53	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/10/2015 08:29	06/10/2015 15:53	SS

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	69-130
2037-26-5	Surrogate: Toluene-d8	102 %	81-117
460-00-4	Surrogate: p-Bromofluorobenzene	103 %	79-122



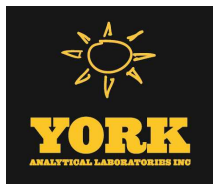
## Analytical Batch Summary

**Batch ID:** BF50497

**Preparation Method:** EPA 5030B

**Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15F0245-01	MW-43A	06/10/15
15F0245-02	MW-43B	06/10/15
15F0245-03	MW-43C	06/10/15
15F0245-04	MW-53	06/10/15
15F0245-05	MW-54	06/10/15
15F0245-06	Field Blank	06/10/15
BF50497-BLK1	Blank	06/10/15
BF50497-BS1	LCS	06/10/15
BF50497-BSD1	LCS Dup	06/10/15



**Volatile Organic Compounds by GC/MS - 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 BF50497 - EPA 5030B**

**Blank (BF50497-BLK1)**

Prepared & Analyzed: 06/10/2015

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	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
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	1.3	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 GC/MS - 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 BF50497 - EPA 5030B

Blank (BF50497-BLK1)

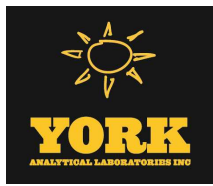
Prepared & Analyzed: 06/10/2015

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	10.5		"	10.0		105	69-130				
Surrogate: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: p-Bromofluorobenzene	10.1		"	10.0		101	79-122				

LCS (BF50497-BS1)

Prepared & Analyzed: 06/10/2015

1,1,1,2-Tetrachloroethane	9.68		ug/L	10.0		96.8	82-126				
1,1,1-Trichloroethane	9.48		"	10.0		94.8	78-136				
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	3.37		"	10.0		33.7	54-165	Low Bias			
1,1,2-Trichloroethane	9.82		"	10.0		98.2	82-123				
1,1-Dichloroethane	9.97		"	10.0		99.7	82-129				
1,1-Dichloroethylene	9.71		"	10.0		97.1	68-138				
1,1-Dichloropropylene	9.33		"	10.0		93.3	83-133				
1,2,3-Trichlorobenzene	9.76		"	10.0		97.6	76-136				
1,2,3-Trichloropropane	11.4		"	10.0		114	77-128				
1,2,4-Trichlorobenzene	9.83		"	10.0		98.3	76-137				
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132				
1,2-Dibromo-3-chloropropane	8.96		"	10.0		89.6	45-147				
1,2-Dibromoethane	9.62		"	10.0		96.2	83-124				
1,2-Dichlorobenzene	10.2		"	10.0		102	79-123				
1,2-Dichloroethane	9.63		"	10.0		96.3	73-132				
1,2-Dichloropropane	9.79		"	10.0		97.9	78-126				
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131				
1,3-Dichlorobenzene	10.3		"	10.0		103	86-122				
1,3-Dichloropropane	9.86		"	10.0		98.6	81-125				
1,4-Dichlorobenzene	10.1		"	10.0		101	85-124				
2,2-Dichloropropane	9.96		"	10.0		99.6	56-150				
2-Chlorotoluene	10.5		"	10.0		105	79-130				
2-Hexanone	8.84		"	10.0		88.4	51-146				
4-Chlorotoluene	10.5		"	10.0		105	79-128				
Acetone	7.52		"	10.0		75.2	14-150				
Benzene	9.49		"	10.0		94.9	85-126				
Bromobenzene	10.2		"	10.0		102	78-129				
Bromochloromethane	9.78		"	10.0		97.8	77-128				
Bromodichloromethane	9.67		"	10.0		96.7	79-128				
Bromoform	7.82		"	10.0		78.2	78-133				
Bromomethane	3.55		"	10.0		35.5	43-168	Low Bias			
Carbon tetrachloride	9.46		"	10.0		94.6	77-141				
Chlorobenzene	9.94		"	10.0		99.4	88-120				



Volatile Organic Compounds by GC/MS - 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 BF50497 - EPA 5030B

LCS (BF50497-BS1)

Prepared & Analyzed: 06/10/2015

Chloroethane	9.45		ug/L	10.0		94.5	65-136				
Chloroform	9.89		"	10.0		98.9	82-128				
Chloromethane	8.10		"	10.0		81.0	43-155				
cis-1,2-Dichloroethylene	9.49		"	10.0		94.9	83-129				
cis-1,3-Dichloropropylene	8.91		"	10.0		89.1	80-131				
Dibromochloromethane	9.19		"	10.0		91.9	80-130				
Dibromomethane	9.95		"	10.0		99.5	72-134				
Dichlorodifluoromethane	11.6		"	10.0		116	44-144				
Ethyl Benzene	10.1		"	10.0		101	80-131				
Hexachlorobutadiene	9.55		"	10.0		95.5	67-146				
Isopropylbenzene	10.2		"	10.0		102	76-140				
Methyl tert-butyl ether (MTBE)	9.15		"	10.0		91.5	76-135				
Methylene chloride	9.80		"	10.0		98.0	55-137				
Naphthalene	9.71		"	10.0		97.1	70-147				
n-Butylbenzene	10.6		"	10.0		106	79-132				
n-Propylbenzene	10.4		"	10.0		104	78-133				
o-Xylene	10.0		"	10.0		100	78-130				
p- & m- Xylenes	20.2		"	20.0		101	77-133				
p-Isopropyltoluene	10.4		"	10.0		104	81-136				
sec-Butylbenzene	10.4		"	10.0		104	79-137				
Styrene	10.8		"	10.0		108	67-132				
tert-Butylbenzene	10.2		"	10.0		102	77-138				
Tetrachloroethylene	8.09		"	10.0		80.9	82-131	Low Bias			
Toluene	9.85		"	10.0		98.5	80-127				
trans-1,2-Dichloroethylene	9.34		"	10.0		93.4	80-132				
trans-1,3-Dichloropropylene	8.71		"	10.0		87.1	78-131				
Trichloroethylene	9.61		"	10.0		96.1	82-128				
Trichlorofluoromethane	10.4		"	10.0		104	67-139				
Vinyl Chloride	9.85		"	10.0		98.5	58-145				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.85</i>		<i>"</i>	<i>10.0</i>		<i>98.5</i>	<i>79-122</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BF50497 - EPA 5030B</b>											
<b>LCS Dup (BF50497-BSD1)</b>											
Prepared & Analyzed: 06/10/2015											
1,1,1,2-Tetrachloroethane	9.78		ug/L	10.0		97.8	82-126		1.03		30
1,1,1-Trichloroethane	9.77		"	10.0		97.7	78-136		3.01		30
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	76-129		1.44		30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	3.55		"	10.0		35.5	54-165	Low Bias	5.20		30
1,1,2-Trichloroethane	9.96		"	10.0		99.6	82-123		1.42		30
1,1-Dichloroethane	9.98		"	10.0		99.8	82-129		0.100		30
1,1-Dichloroethylene	9.99		"	10.0		99.9	68-138		2.84		30
1,1-Dichloropropylene	9.74		"	10.0		97.4	83-133		4.30		30
1,2,3-Trichlorobenzene	9.91		"	10.0		99.1	76-136		1.53		30
1,2,3-Trichloropropane	11.4		"	10.0		114	77-128		0.351		30
1,2,4-Trichlorobenzene	9.93		"	10.0		99.3	76-137		1.01		30
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132		1.14		30
1,2-Dibromo-3-chloropropane	9.26		"	10.0		92.6	45-147		3.29		30
1,2-Dibromoethane	9.70		"	10.0		97.0	83-124		0.828		30
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123		0.488		30
1,2-Dichloroethane	9.60		"	10.0		96.0	73-132		0.312		30
1,2-Dichloropropane	9.70		"	10.0		97.0	78-126		0.924		30
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131		1.24		30
1,3-Dichlorobenzene	10.3		"	10.0		103	86-122		0.291		30
1,3-Dichloropropane	9.96		"	10.0		99.6	81-125		1.01		30
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124		0.692		30
2,2-Dichloropropane	10.0		"	10.0		100	56-150		0.401		30
2-Chlorotoluene	10.6		"	10.0		106	79-130		1.71		30
2-Hexanone	8.84		"	10.0		88.4	51-146		0.00		30
4-Chlorotoluene	10.5		"	10.0		105	79-128		0.285		30
Acetone	7.90		"	10.0		79.0	14-150		4.93		30
Benzene	9.70		"	10.0		97.0	85-126		2.19		30
Bromobenzene	10.3		"	10.0		103	78-129		0.881		30
Bromochloromethane	9.17		"	10.0		91.7	77-128		6.44		30
Bromodichloromethane	9.62		"	10.0		96.2	79-128		0.518		30
Bromoform	7.72		"	10.0		77.2	78-133	Low Bias	1.29		30
Bromomethane	3.54		"	10.0		35.4	43-168	Low Bias	0.282		30
Carbon tetrachloride	9.51		"	10.0		95.1	77-141		0.527		30
Chlorobenzene	9.87		"	10.0		98.7	88-120		0.707		30
Chloroethane	9.69		"	10.0		96.9	65-136		2.51		30
Chloroform	9.33		"	10.0		93.3	82-128		5.83		30
Chloromethane	8.03		"	10.0		80.3	43-155		0.868		30
cis-1,2-Dichloroethylene	9.53		"	10.0		95.3	83-129		0.421		30
cis-1,3-Dichloropropylene	9.00		"	10.0		90.0	80-131		1.01		30
Dibromochloromethane	9.07		"	10.0		90.7	80-130		1.31		30
Dibromomethane	10.0		"	10.0		100	72-134		0.900		30
Dichlorodifluoromethane	12.0		"	10.0		120	44-144		2.88		30
Ethyl Benzene	10.2		"	10.0		102	80-131		1.58		30
Hexachlorobutadiene	9.56		"	10.0		95.6	67-146		0.105		30
Isopropylbenzene	10.4		"	10.0		104	76-140		1.95		30
Methyl tert-butyl ether (MTBE)	9.36		"	10.0		93.6	76-135		2.27		30
Methylene chloride	9.88		"	10.0		98.8	55-137		0.813		30
Naphthalene	9.90		"	10.0		99.0	70-147		1.94		30
n-Butylbenzene	10.8		"	10.0		108	79-132		1.77		30
n-Propylbenzene	10.6		"	10.0		106	78-133		2.00		30
o-Xylene	10.1		"	10.0		101	78-130		0.992		30



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

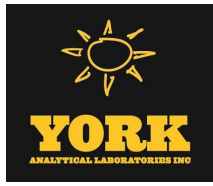
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF50497 - EPA 5030B

LCS Dup (BF50497-BSD1)

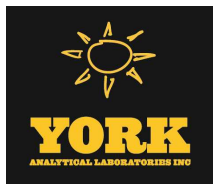
Prepared & Analyzed: 06/10/2015

p- & m- Xylenes	20.5		ug/L	20.0		102	77-133		1.28	30	
p-Isopropyltoluene	10.6		"	10.0		106	81-136		1.24	30	
sec-Butylbenzene	10.5		"	10.0		105	79-137		1.34	30	
Styrene	11.0		"	10.0		110	67-132		1.84	30	
tert-Butylbenzene	10.3		"	10.0		103	77-138		0.195	30	
Tetrachloroethylene	8.24		"	10.0		82.4	82-131		1.84	30	
Toluene	10.0		"	10.0		100	80-127		1.91	30	
trans-1,2-Dichloroethylene	9.50		"	10.0		95.0	80-132		1.70	30	
trans-1,3-Dichloropropylene	8.67		"	10.0		86.7	78-131		0.460	30	
Trichloroethylene	9.86		"	10.0		98.6	82-128		2.57	30	
Trichlorofluoromethane	10.5		"	10.0		105	67-139		0.0956	30	
Vinyl Chloride	9.80		"	10.0		98.0	58-145		0.509	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.93</i>		<i>"</i>	<i>10.0</i>		<i>99.3</i>	<i>79-122</i>				



### Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15F0245-01	MW-43A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15F0245-02	MW-43B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15F0245-03	MW-43C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15F0245-04	MW-53	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15F0245-05	MW-54	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15F0245-06	Field Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



## Notes and Definitions

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
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/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

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*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
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.

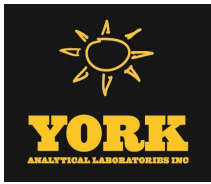
If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For 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 LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.



For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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