LETTER OF TRANSMITTAL

ENVIRONMENTAL CONSULTING & MANAGEMENT
ROUX ASSOCIATES, INC.

12 Gill Street, Suite 4700
Woburn, Massachusetts 01801
(781) 569-4000 Fax (781) 569-4001

TO	Mr. Andrew Fleck
	New York Department of Environmental Conservation
	1130 North Wescott Road
	Schenectady, New York

DATE	June 6, 2018
SUBJECT	Global Albany Terminal
	2018 MOSF Well Ground
	Water Analytical Results

THE FOLLOWING ITEMS ARE

☒ ENCLOSED ☐ REQUESTED ☐ SENT SEPARATELY VIA _____

NO. OF COPIES	DESCRIPTION
1	Summary of MOSF Well Gauging Results from May 2017 through May 2018.
1	MOSF Well Analytical Results (Analytical Report Number: JC64988) from April 2018 Annual Sampling at the Global Albany Terminal located at 50 Church Street, Albany, New York.
1	Global Albany Site Plan

THE ABOVE ITEMS ARE SUBMITTED

☐ AT YOUR REQUEST ☐ FOR YOUR REVIEW ☐ FOR YOUR SIGNATURE
☒ FOR YOUR FILES ☐ FOR YOUR ACTION ☐ FOR YOUR INFORMATION

COMMENTS:

Enclosed please find copies of the analytical results (Report number: JC64988) for groundwater samples collected from the MOSF license (#4-1200) monitoring wells at the Global Albany Terminal during the April 23, 2018 Annual Sampling event. Also included is a Site Plan showing the locations of MOSF wells, as well as a summary table of MOSF well gauging results from May 2017 through May 2018.

Please contact the undersigned with any questions.

BY _____
Brian Klaus/Project Geologist

Cc: Daniel Wehn, NYSDEC (electronically)
Steve Charron, Global Companies LLC
Chuck Furman, Global Companies LLC

TABLES

Summary of MOSF Well Gauging Results from May 2017 through May 2018

Table 1
Summary of Well Gauging Results - MOSF Wells
MOSF License: 4-1200
Global Companies LLC Albany Terminal
50 Church Street, Albany, New York

Well Number	Location	Free Product (Y/N)	Depth to Water (feet bmp[1])	Date	Comments
W-1	MW-200 West of Church, Across from Employee Parking Lot	N	13.16	05/09/17	Unable to access well on 05/02/17[2]
		N	12.92	06/08/17	Unable to access well on 06/06/17[2]
		N	15.97	07/06/17	
		N	14.74	08/01/17	
		N	15.40	09/14/17	Unable to access well on 09/05/17[2]
		N	15.72	10/03/17	
		N	14.79	11/07/17	
		N	15.12	12/05/17	
		N	--	01/02/18	Unable to access well[3]
		N	17.55	02/15/18	Unable to access well on 02/06/18[2]
		N	13.71	03/01/18	
		N	15.11	04/09/18	
		N	15.19	05/09/18	
W-2	MW-202 West of Church, Across from Marine Lane	N	16.03	05/02/17	
		N	16.65	06/06/17	
		N	17.33	07/06/17	
		N	17.04	08/01/17	
		N	17.93	09/05/17	
		N	18.37	10/03/17	
		N	17.58	11/07/17	
		N	17.90	12/05/17	
		N	18.70	01/02/18	
		N	17.75	02/06/18	
		N	16.34	03/01/18	
		N	16.94	04/09/18	
		N	17.35	05/09/18	
W-3	MW-203 West of Church, by Tank # 28	N	17.77	05/02/17	
		N	17.97	06/06/17	
		N	17.83	07/06/17	
		N	18.59	08/01/17	
		N	19.20	09/05/17	
		N	19.64	10/03/17	
		N	18.84	11/07/17	
		N	19.11	12/05/17	
		N	20.13	01/02/18	
		N	19.15	02/06/18	
		N	17.58	03/01/18	
		N	18.59	04/09/18	
		N	18.84	05/09/18	
W-4	MW-119 Old Barge Dock Area across from Tank # 38	N	4.92	05/02/17	
		N	6.98	06/06/17	
		N	8.14	07/06/17	
		N	7.07	08/01/17	
		N	8.72	09/05/17	
		N	10.71	10/03/17	
		N	8.48	11/07/17	
		N	6.66	12/05/17	
		N	9.72	01/02/18	
		N	7.91	02/06/18	
		N	6.51	03/01/18	
		N	7.58	04/09/18	
		N	8.24	05/09/18	
W-5	MW-120 Banks of Hudson River, Across from Tank # 114	N	7.71	05/02/17	
		N	7.90	06/06/17	
		N	8.17	07/06/17	
		N	7.40	08/01/17	
		N	8.65	09/05/17	
		N	9.07	10/03/17	
		N	8.26	11/07/17	
		N	9.73	12/05/17	
		N	9.71	01/02/18	
		N	8.83	02/06/18	
		N	7.43	03/01/18	
		N	7.92	04/09/18	
		N	8.15	05/09/18	
W-6	MW-121 Ship Dock, Across from Tank # 115	N	6.02	05/02/17	
		N	8.02	06/06/17	
		N	9.32	07/06/17	
		N	8.56	08/01/17	
		N	9.88	09/05/17	
		N	11.13	10/03/17	
		N	10.61	11/07/17	
		N	10.39	12/05/17	
		N	9.89	01/02/18	
		N	9.29	02/06/18	
		N	8.47	03/01/18	
		N	6.31	04/09/18	
		N	9.29	05/09/18	

Table 1
Summary of Well Gauging Results - MOSF Wells
MOSF License: 4-1200
Global Companies LLC Albany Terminal
50 Church Street, Albany, New York

Well Number	Location	Free Product (Y/N)	Depth to Water (feet bmp[1])	Date	Comments
W-7	MOSF-3 By Tank # 29	N	14.57	05/02/17	
		N	14.49	06/06/17	
		N	14.87	07/06/17	
		N	14.45	08/01/17	
		N	15.55	09/05/17	
		N	16.02	10/03/17	
		N	15.25	11/07/17	
		N	15.73	12/05/17	
		N	17.50	01/02/18	
		N	15.65	02/06/18	
		N	14.60	03/01/18	
		N	14.93	04/09/18	
		N	12.55	05/09/18	
W-8	MOSF-2 By Tank # 31	N	5.80	05/02/17	
		N	5.82	06/06/17	
		N	6.04	07/06/17	
		N	6.15	08/01/17	
		N	6.17	09/05/17	
		N	6.42	10/03/17	
		N	6.41	11/07/17	
		N	6.27	12/05/17	
		N	6.38	01/02/18	
		N	6.18	02/15/18	Unable to access well on 02/06/18[2]
		N	5.83	03/01/18	
		N	5.88	04/09/18	
		N	5.77	05/09/18	
W-9	MOSF-1 By Tank # 33	N	8.55	05/02/17	
		N	9.76	06/06/17	
		N	11.68	07/06/17	
		N	12.81	08/01/17	
		N	13.17	09/05/17	
		N	14.33	10/03/17	
		N	14.02	11/07/17	
		N	14.40	12/05/17	
		N	15.55	01/02/18	
		N	13.70	02/15/18	Unable to access well on 02/06/18[2]
		N	7.12	03/01/18	
		N	7.11	04/09/18	
		N	11.10	05/09/18	
W-10	MW-118 By Tank # 130	N	7.05	05/02/17	
		N	8.48	06/06/17	
		N	9.52	07/06/17	
		N	9.43	08/01/17	
		N	10.17	09/05/17	
		N	11.24	10/03/17	
		N	10.56	11/07/17	
		N	10.72	12/05/17	
		N	10.45	01/02/18	
		N	9.75	02/06/18	
		N	8.56	03/01/18	
		N	8.26	04/09/18	
		N	8.44	05/09/18	
W-11	MOSF-8 By Tank # 115	N	9.03	05/02/17	
		N	9.19	06/06/17	
		N	9.43	07/06/17	
		N	9.48	08/01/17	
		N	10.26	09/05/17	
		N	10.92	10/03/17	
		N	9.85	11/07/17	
		N	10.81	12/05/17	
		N	11.60	01/02/18	
		N	10.16	02/06/18	
		N	9.08	03/01/18	
		N	9.52	04/09/18	
		N	9.49	05/09/18	
W-12	MOSF-9 By Tank # 117	N	9.54	05/02/17	
		N	9.23	06/06/17	
		N	9.54	07/06/17	
		N	9.77	08/01/17	
		N	9.93	09/05/17	
		N	10.56	10/03/17	
		N	10.60	11/07/17	
		N	11.34	12/05/17	
		N	12.20	01/02/18	
		N	9.69	02/06/18	
		N	10.00	03/01/18	
		N	10.33	04/09/18	
		N	9.35	05/09/18	

Notes:
Gauging data from the past year (May 2017 through May 2018) is provided above. Gauging data prior to May 2017 is included in previous submissions.
All gauging was performed using an electronic interface probe.

[1] bmp = below measuring point

[2] Unable to access well due to reasons including well covered by snow pile, puddle, or well surrounded by biological hazard (i.e., beehive or wasps nest). Monitoring well was gauged as soon as it became accessible.

[3] Unable to access well due to reasons including well covered by snow pile, puddle, or ice. Monitoring well was also inaccessible on subsequent attempts to access during the month.

ATTACHMENTS

MOSF Well Analytical Results (Analytical Report Numbers: JC64988 from April 2018 Annual Sampling at the Global Albany Terminal located at 50 Church Street, Albany, New York

ATTACHMENT 1

MOSF Well Analytical Results (Analytical Report Numbers: JC64988 from April 2018 Annual Sampling at the Global Albany Terminal located at 50 Church Street, Albany, New York

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Global Companies, LLC.

ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

SGS Job Number: JC64988

Sampling Date: 04/23/18

Report to:

Roux Associates
12 Gill Street Suite 4700
Woburn, MA 01801
kszymaszek@rouxinc.com; bklaus@rouxinc.com

ATTN: Brian Klaus

Total number of pages in report: **139**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Nancy Cole
Laboratory Director

Client Service contact: Thelma Flaherty 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, FL, IL, IN, KS, KY, LA, MA, MD, ME, MN, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TX, UT, VA, WV, DoD ELAP (ANAB L2248)

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SGS North America Inc.

Sample Summary

Global Companies, LLC.

Job No: JC64988

ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC64988-1	04/23/18	14:15	TR	04/26/18	AQ	Ground Water	MOSF-1
JC64988-2	04/23/18	13:45	TR	04/26/18	AQ	Ground Water	MOSF-2
JC64988-2D	04/23/18	13:45	TR	04/26/18	AQ	Water Dup/MSD	(MSD) MOSF-2
JC64988-2S	04/23/18	13:45	TR	04/26/18	AQ	Water Matrix Spike	(MS) MOSF-2
JC64988-3	04/23/18	13:50	BS	04/26/18	AQ	Ground Water	MOSF-3
JC64988-4	04/23/18	11:15	TR	04/26/18	AQ	Ground Water	MW-200
JC64988-5	04/23/18	12:15	TR	04/26/18	AQ	Ground Water	MW-202
JC64988-6	04/23/18	12:45	TR	04/26/18	AQ	Ground Water	MW-203
JC64988-7	04/23/18	15:20	TR	04/26/18	AQ	Ground Water	MOSF-8
JC64988-8	04/23/18	15:00	TR	04/26/18	AQ	Ground Water	MOSF-9
JC64988-9	04/23/18	16:30	TR	04/26/18	AQ	Ground Water	MW-118
JC64988-10	04/23/18	16:00	TR	04/26/18	AQ	Ground Water	MW-119
JC64988-11	04/23/18	15:45	TR	04/26/18	AQ	Ground Water	MW-120

SGS North America Inc.

Sample Summary
(continued)

Global Companies, LLC.

Job No: JC64988

ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC64988-12	04/23/18	15:30	TR	04/26/18	AQ	Ground Water	MW-121
JC64988-13	04/23/18	09:50	TR	04/26/18	AQ	Ground Water	DUP 1-042318
JC64988-14	04/23/18	16:30	TR	04/26/18	AQ	Trip Blank Water	TRIP BLANK

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Global Companies, LLC.	**Job No**	JC64988
Site:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY	**Report Date**	5/9/2018 9:22:24 AM

On 04/26/2018, 13 Sample(s), 1 Trip Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. at a maximum corrected temperature of 4.9 C. Samples were intact and chemically preserved, unless noted below. A SGS North America Inc. Job Number of JC64988 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Compounds qualified as out of range in the continuing calibration summary report are acceptable as per method requirements when there is a high bias but the sample result is non-detect.

MS Volatiles By Method SW846 8260C

Matrix: AQ **Batch ID:** V2B7139

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JC65154-3MS, JC65154-3MSD were used as the QC samples indicated.
- Matrix Spike / Matrix Spike Duplicate Recovery(s) for cis-1,2-Dichloroethene are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- Matrix Spike Duplicate Recovery(s) for 1,1-Dichloroethene, Carbon disulfide, Iodomethane are outside control limits. Outside control limits due to matrix interference.

Matrix: AQ **Batch ID:** V4B3376

- All samples were analyzed within the recommended method holding time.
- Sample(s) JC64988-2MS, JC64988-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Blank Spike Recovery(s) for sec-Butylbenzene are outside control limits.
- JC64988-13 for sec-Butylbenzene: This compound in BS is outside in house QC limits bias high.
- JC64988-4 for 1,2,3-Trichlorobenzene: Associated CCV outside of control limits high, sample was ND.
- JC64988-3 for 1,2,3-Trichlorobenzene: Associated CCV outside of control limits high, sample was ND.
- JC64988-2 for 1,2,3-Trichlorobenzene: Associated CCV outside of control limits high, sample was ND.
- JC64988-6 for sec-Butylbenzene: This compound in BS is outside in house QC limits bias high.
- JC64988-6 for 1,2,3-Trichlorobenzene: Associated CCV outside of control limits high, sample was ND.
- JC64988-14 for sec-Butylbenzene: This compound in BS is outside in house QC limits bias high.
- JC64988-14 for 1,2,3-Trichlorobenzene: Associated CCV outside of control limits high, sample was ND.
- JC64988-7 for sec-Butylbenzene: This compound in BS is outside in house QC limits bias high.
- JC64988-12 for 1,2,3-Trichlorobenzene: Associated CCV outside of control limits high, sample was ND.
- JC64988-4 for sec-Butylbenzene: This compound in BS is outside in house QC limits bias high.
- JC64988-2 for sec-Butylbenzene: This compound in BS is outside in house QC limits bias high.
- JC64988-13 for 1,2,3-Trichlorobenzene: Associated CCV outside of control limits high, sample was ND.
- JC64988-8 for 1,2,3-Trichlorobenzene: Associated CCV outside of control limits high, sample was ND.
- JC64988-5 for sec-Butylbenzene: This compound in BS is outside in house QC limits bias high.
- JC64988-1 for sec-Butylbenzene: This compound in BS is outside in house QC limits bias high.
- JC64988-11 for 1,2,3-Trichlorobenzene: Associated CCV outside of control limits high, sample was ND.
- JC64988-8 for sec-Butylbenzene: This compound in BS is outside in house QC limits bias high.

MS Volatiles By Method SW846 8260C

Matrix: AQ **Batch ID:** V4B3376

- JC64988-12 for sec-Butylbenzene: This compound in BS is outside in house QC limits bias high.
- JC64988-3 for sec-Butylbenzene: This compound in BS is outside in house QC limits bias high.
- V4B3376-BS for sec-Butylbenzene: High percent recoveries and no associated positive found in the QC batch.
- JC64988-11 for sec-Butylbenzene: This compound in BS is outside in house QC limits bias high.
- JC64988-1 for 1,2,3-Trichlorobenzene: Associated CCV outside of control limits high, sample was ND.
- JC64988-9 for 1,2,3-Trichlorobenzene: Associated CCV outside of control limits high, sample was ND.
- JC64988-9 for sec-Butylbenzene: This compound in BS is outside in house QC limits bias high.
- JC64988-7 for 1,2,3-Trichlorobenzene: Associated CCV outside of control limits high, sample was ND.
- JC64988-5 for 1,2,3-Trichlorobenzene: Associated CCV outside of control limits high, sample was ND.

MS Semi-volatiles By Method SW846 8270D

Matrix: AQ **Batch ID:** OP11624

- All samples were extracted within the recommended method holding time.
- Sample(s) JC64988-2MS, JC64988-2MSD were used as the QC samples indicated.
- Sample(s) JC64988-3, JC64988-4 have compound(s) reported with a "B" qualifier, indicating analyte is found in the associated method blank.
- Blank Spike Recovery(s) for bis(2-Chloroethyl)ether are outside control limits.
- Matrix Spike / Matrix Spike Duplicate Recovery(s) for Benzidine are outside control limits.
- JC64988-9 for Benzidine: Associated CCV outside of control limits low.
- JC64988-12 for n-Nitrosodimethylamine: Associated CCV outside of control limits high, sample was ND.
- JC64988-13 for n-Nitrosodimethylamine: Associated CCV outside of control limits low.
- JC64988-2 for n-Nitrosodimethylamine: Associated CCV outside of control limits high, sample was ND.
- JC64988-12 for Benzidine: Associated CCV outside of control limits low.
- JC64988-12 for bis(2-Chloroethyl)ether: Associated CCV outside of control limits high, sample was ND. This compound in BS is outside in house QC limits bias high.
- JC64988-12 for N-Nitroso-di-n-propylamine: Associated CCV outside of control limits high, sample was ND.
- JC64988-11 for Benzidine: Associated CCV outside of control limits low.
- JC64988-11 for bis(2-Chloroethyl)ether: Associated CCV outside of control limits high, sample was ND. This compound in BS is outside in house QC limits bias high.
- JC64988-11 for N-Nitroso-di-n-propylamine: Associated CCV outside of control limits high, sample was ND.
- JC64988-2 for bis(2-Chloroethyl)ether: Associated CCV outside of control limits high, sample was ND. This compound in BS is outside in house QC limits bias high.
- JC64988-9 for N-Nitroso-di-n-propylamine: Associated CCV outside of control limits high, sample was ND.
- JC64988-8 for Benzidine: Associated CCV outside of control limits low.
- JC64988-11 for n-Nitrosodimethylamine: Associated CCV outside of control limits high, sample was ND.
- JC64988-10 for Benzidine: Associated CCV outside of control limits low.
- JC64988-8 for n-Nitrosodimethylamine: Associated CCV outside of control limits high, sample was ND.
- JC64988-3 for N-Nitroso-di-n-propylamine: Associated CCV outside of control limits high, sample was ND.
- JC64988-4 for Benzo(b)fluoranthene: Associated CCV outside of control limits high.
- JC64988-13 for bis(2-Ethylhexyl)phthalate: Associated CCV outside of control limits high, sample was ND.
- JC64988-13 for bis(2-Chloroethyl)ether: This compound is outside the control limits biased high in the associated BS.
- JC64988-4 for Indeno(1,2,3-cd)pyrene: Associated CCV outside of control limits high.
- JC64988-4 for Benzo(a)pyrene: Associated CCV outside of control limits high.
- JC64988-4 for n-Nitrosodimethylamine: Associated CCV outside of control limits high, sample was ND.
- JC64988-4 for Hexachlorocyclopentadiene: Associated CCV outside of control limits high, sample was ND.
- JC64988-10 for bis(2-Chloroethyl)ether: This compound is outside the control limits biased high in the associated BS.
- JC64988-6 for Benzidine: Associated CCV outside of control limits low.
- JC64988-10 for Hexachlorocyclopentadiene: Associated CCV outside of control limits low.
- JC64988-6 for bis(2-Chloroethyl)ether: Associated CCV outside of control limits high, sample was ND. This compound in BS is outside in house QC limits bias high.
- JC64988-7 for Di-n-octyl phthalate: Associated CCV outside of control limits high, sample was ND.
- JC64988-10 for Butyl benzyl phthalate: Associated CCV outside of control limits high, sample was ND.
- JC64988-10 for bis(2-Ethylhexyl)phthalate: Associated CCV outside of control limits high, sample was ND.
- JC64988-7 for bis(2-Chloroethyl)ether: This compound is outside the control limits biased high in the associated BS.
- JC64988-7 for n-Nitrosodimethylamine: Associated CCV outside of control limits low.
- JC64988-7 for Hexachlorocyclopentadiene: Associated CCV outside of control limits low.

MS Semi-volatiles By Method SW846 8270D

Matrix: AQ **Batch ID:** OP11624

- JC64988-7 for Benzidine: Associated CCV outside of control limits low.
- JC64988-7 for Butyl benzyl phthalate: Associated CCV outside of control limits high, sample was ND.
- JC64988-4 for Benzidine: Associated CCV outside of control limits low.
- JC64988-7 for bis(2-Ethylhexyl)phthalate: Associated CCV outside of control limits high, sample was ND.
- JC64988-10 for n-Nitrosodimethylamine: Associated CCV outside of control limits low.
- JC64988-1 for Benzidine: Associated CCV outside of control limits low.
- JC64988-8 for N-Nitroso-di-n-propylamine: Associated CCV outside of control limits high, sample was ND.
- JC64988-8 for bis(2-Chloroethyl)ether: Associated CCV outside of control limits high, sample was ND. This compound in BS is outside in house QC limits bias high.
- JC64988-10 for Di-n-octyl phthalate: Associated CCV outside of control limits high, sample was ND.
- JC64988-13 for Butyl benzyl phthalate: Associated CCV outside of control limits high, sample was ND.
- JC64988-13 for Benzidine: Associated CCV outside of control limits low.
- JC64988-13 for Hexachlorocyclopentadiene: Associated CCV outside of control limits low.
- JC64988-2 for N-Nitroso-di-n-propylamine: Associated CCV outside of control limits high, sample was ND.
- JC64988-3 for bis(2-Chloroethyl)ether: Associated CCV outside of control limits high, sample was ND. This compound in BS is outside in house QC limits bias high.
- OP11624-BS1 for bis(2-Chloroethyl)ether: High percent recoveries and no associated positive found in the QC batch.
- JC64988-1 for N-Nitroso-di-n-propylamine: Associated CCV outside of control limits high, sample was ND.
- JC64988-13 for Di-n-octyl phthalate: Associated CCV outside of control limits high, sample was ND.
- JC64988-1 for bis(2-Chloroethyl)ether: Associated CCV outside of control limits high, sample was ND. This compound in BS is outside in house QC limits bias high.
- JC64988-2 for Benzidine: Associated CCV outside of control limits low.
- JC64988-9 for bis(2-Chloroethyl)ether: Associated CCV outside of control limits high, sample was ND. This compound in BS is outside in house QC limits bias high.
- JC64988-3 for n-Nitrosodimethylamine: Associated CCV outside of control limits high, sample was ND.
- JC64988-9 for n-Nitrosodimethylamine: Associated CCV outside of control limits high, sample was ND.
- JC64988-3 for Benzidine: Associated CCV outside of control limits low.
- JC64988-5 for N-Nitroso-di-n-propylamine: Associated CCV outside of control limits high, sample was ND.
- JC64988-5 for n-Nitrosodimethylamine: Associated CCV outside of control limits high, sample was ND.
- JC64988-5 for bis(2-Chloroethyl)ether: Associated CCV outside of control limits high, sample was ND. This compound in BS is outside in house QC limits bias high.
- JC64988-5 for Benzidine: Associated CCV outside of control limits low.
- JC64988-6 for N-Nitroso-di-n-propylamine: Associated CCV outside of control limits high, sample was ND.
- JC64988-6 for n-Nitrosodimethylamine: Associated CCV outside of control limits high, sample was ND.
- JC64988-1 for n-Nitrosodimethylamine: Associated CCV outside of control limits high, sample was ND.

Summary of Hits

Job Number: JC64988
Account: Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY
Collected: 04/23/18

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC64988-1	**MOSF-1**					
No hits reported in this sample.						
JC64988-2	**MOSF-2**					
Acenaphthene		0.98 J	1.0	0.19	ug/l	SW846 8270D
Fluoranthene		0.90 J	1.0	0.17	ug/l	SW846 8270D
Fluorene		0.84 J	1.0	0.17	ug/l	SW846 8270D
Naphthalene		0.28 J	1.0	0.23	ug/l	SW846 8270D
Pyrene		0.91 J	1.0	0.22	ug/l	SW846 8270D
JC64988-3	**MOSF-3**					
No hits reported in this sample.						
JC64988-4	**MW-200**					
Acetone		10.4	10	5.0	ug/l	SW846 8260C
Benzo(a)anthracene		0.32 J	1.0	0.20	ug/l	SW846 8270D
Benzo(a)pyrene [a]		0.44 J	1.0	0.21	ug/l	SW846 8270D
Benzo(b)fluoranthene [a]		0.77 J	1.0	0.21	ug/l	SW846 8270D
Benzo(g,h,i)perylene		0.53 J	1.0	0.34	ug/l	SW846 8270D
Benzo(k)fluoranthene		0.28 J	1.0	0.21	ug/l	SW846 8270D
Chrysene		0.35 J	1.0	0.18	ug/l	SW846 8270D
Di-n-octyl phthalate		1.8 J	2.0	0.23	ug/l	SW846 8270D
bis(2-Ethylhexyl)phthalate		2.0 B	2.0	1.7	ug/l	SW846 8270D
Fluoranthene		0.48 J	1.0	0.17	ug/l	SW846 8270D
Indeno(1,2,3-cd)pyrene [a]		0.51 J	1.0	0.33	ug/l	SW846 8270D
Phenanthrene		0.18 J	1.0	0.18	ug/l	SW846 8270D
Pyrene		0.44 J	1.0	0.22	ug/l	SW846 8270D
JC64988-5	**MW-202**					
No hits reported in this sample.						
JC64988-6	**MW-203**					
No hits reported in this sample.						
JC64988-7	**MOSF-8**					
Methyl Tert Butyl Ether		3.3	1.0	0.25	ug/l	SW846 8260C

Summary of Hits

Job Number: JC64988
Account: Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY
Collected: 04/23/18

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC64988-8	**MOSF-9**					
1,3,5-Trimethylbenzene		0.31 J	2.0	0.20	ug/l	SW846 8260C
Acenaphthylene		0.21 J	1.0	0.14	ug/l	SW846 8270D
Anthracene		0.26 J	1.0	0.21	ug/l	SW846 8270D
Benzo(a)anthracene		0.83 J	1.0	0.20	ug/l	SW846 8270D
Benzo(a)pyrene		1.1	1.0	0.21	ug/l	SW846 8270D
Benzo(b)fluoranthene		1.1	1.0	0.21	ug/l	SW846 8270D
Chrysene		0.67 J	1.0	0.18	ug/l	SW846 8270D
Fluoranthene		1.1	1.0	0.17	ug/l	SW846 8270D
Phenanthrene		0.46 J	1.0	0.18	ug/l	SW846 8270D
Pyrene		1.1	1.0	0.22	ug/l	SW846 8270D
JC64988-9	**MW-118**					
Benzo(a)pyrene		0.23 J	1.0	0.21	ug/l	SW846 8270D
Fluoranthene		0.37 J	1.0	0.17	ug/l	SW846 8270D
Pyrene		0.42 J	1.0	0.22	ug/l	SW846 8270D
JC64988-10	**MW-119**					
Benzene		0.52	0.50	0.17	ug/l	SW846 8260C
n-Butylbenzene		1.2 J	2.0	0.27	ug/l	SW846 8260C
sec-Butylbenzene		3.0	2.0	0.27	ug/l	SW846 8260C
tert-Butylbenzene		0.70 J	2.0	0.34	ug/l	SW846 8260C
Ethylbenzene		0.38 J	1.0	0.22	ug/l	SW846 8260C
Isopropylbenzene		10.3	1.0	0.25	ug/l	SW846 8260C
n-Propylbenzene		5.4	2.0	0.24	ug/l	SW846 8260C
m,p-Xylene		0.49 J	1.0	0.43	ug/l	SW846 8260C
Xylene (total)		0.49 J	1.0	0.22	ug/l	SW846 8260C
Benzo(b)fluoranthene		0.40 J	1.0	0.21	ug/l	SW846 8270D
Fluoranthene		0.60 J	1.0	0.17	ug/l	SW846 8270D
Pyrene		0.69 J	1.0	0.22	ug/l	SW846 8270D
JC64988-11	**MW-120**					
Methyl Tert Butyl Ether		0.52 J	1.0	0.25	ug/l	SW846 8260C
JC64988-12	**MW-121**					
No hits reported in this sample.						
JC64988-13	**DUP 1-042318**					
Bromodichloromethane		0.90 J	1.0	0.22	ug/l	SW846 8260C

Summary of Hits

Job Number: JC64988
Account: Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY
Collected: 04/23/18

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Chloroform		6.3	1.0	0.29	ug/l	SW846 8260C

JC64988-14 **TRIP BLANK**

No hits reported in this sample.

(a) Associated CCV outside of control limits high.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MOSF-1		
Lab Sample ID:	JC64988-1	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B81443.D	1	04/30/18 11:39	HT	n/a	n/a	V4B3376
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.17	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.38	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.4	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	4.8	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.27	ug/l	
135-98-8	sec-Butylbenzene [a]	ND	2.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.34	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.34	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.24	ug/l	
75-00-3	Chloroethane	ND	1.0	0.59	ug/l	
67-66-3	Chloroform	ND	1.0	0.29	ug/l	
74-87-3	Chloromethane	ND	1.0	0.53	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.30	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.24	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.9	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.47	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.40	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.24	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MOSF-1		
Lab Sample ID:	JC64988-1	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.29	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.22	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.34	ug/l	
591-78-6	2-Hexanone	ND	5.0	3.3	ug/l	
74-88-4	Iodomethane	ND	2.0	0.27	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.25	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.25	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	3.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.45	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.1	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.24	ug/l	
100-42-5	Styrene	ND	1.0	0.24	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.25	ug/l	
87-61-6	1,2,3-Trichlorobenzene [b]	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.27	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.60	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.47	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.24	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-05-4	Vinyl Acetate	ND	10	3.2	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.62	ug/l	
	m,p-Xylene	ND	1.0	0.43	ug/l	
95-47-6	o-Xylene	ND	1.0	0.22	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.22	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		80-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MOSF-1		
Lab Sample ID:	JC64988-1	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	96%		81-124%
2037-26-5	Toluene-D8	94%		80-120%
460-00-4	4-Bromofluorobenzene	95%		80-120%

(a) This compound in BS is outside in house QC limits bias high.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MOSF-1
Lab Sample ID: JC64988-1 **Date Sampled:** 04/23/18
Matrix: AQ - Ground Water **Date Received:** 04/26/18
Method: SW846 8270D SW846 3510C **Percent Solids:** n/a
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P122354.D	1	05/03/18 13:39	CC	04/28/18 04:30	OP11624	EP5492
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	1.0	0.19	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.14	ug/l	
120-12-7	Anthracene	ND	1.0	0.21	ug/l	
92-87-5	Benzidine [a]	ND	10	0.90	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.40	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.46	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.24	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.34	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.28	ug/l	
111-44-4	bis(2-Chloroethyl)ether [b]	ND	2.0	0.25	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.40	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.37	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.17	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.17	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	0.51	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.23	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.26	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.22	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	1.7	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MOSF-1		
Lab Sample ID:	JC64988-1	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

BN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
86-73-7	Fluorene	ND	1.0	0.17	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.49	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.8	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.39	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
78-59-1	Isophorone	ND	2.0	0.28	ug/l	
91-20-3	Naphthalene	ND	1.0	0.23	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.64	ug/l	
62-75-9	n-Nitrosodimethylamine [c]	ND	2.0	0.82	ug/l	
621-64-7	N-Nitroso-di-n-propylamine [c]	ND	2.0	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.18	ug/l	
129-00-0	Pyrene	ND	1.0	0.22	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	84%		34-128%
321-60-8	2-Fluorobiphenyl	73%		38-119%
1718-51-0	Terphenyl-d14	54%		26-129%

(a) Associated CCV outside of control limits low.
(b) Associated CCV outside of control limits high, sample was ND. This compound in BS is outside in house QC limits bias high.
(c) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MOSF-2		
Lab Sample ID:	JC64988-2	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B81444.D	1	04/30/18 12:07	HT	n/a	n/a	V4B3376
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.17	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.38	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.4	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	4.8	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.27	ug/l	
135-98-8	sec-Butylbenzene [a]	ND	2.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.34	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.34	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.24	ug/l	
75-00-3	Chloroethane	ND	1.0	0.59	ug/l	
67-66-3	Chloroform	ND	1.0	0.29	ug/l	
74-87-3	Chloromethane	ND	1.0	0.53	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.30	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.24	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.9	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.47	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.40	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.24	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MOSF-2		
Lab Sample ID:	JC64988-2	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.29	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.22	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.34	ug/l	
591-78-6	2-Hexanone	ND	5.0	3.3	ug/l	
74-88-4	Iodomethane	ND	2.0	0.27	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.25	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.25	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	3.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.45	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.1	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.24	ug/l	
100-42-5	Styrene	ND	1.0	0.24	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.25	ug/l	
87-61-6	1,2,3-Trichlorobenzene [b]	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.27	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.60	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.47	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.24	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-05-4	Vinyl Acetate	ND	10	3.2	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.62	ug/l	
	m,p-Xylene	ND	1.0	0.43	ug/l	
95-47-6	o-Xylene	ND	1.0	0.22	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.22	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		80-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MOSF-2		
Lab Sample ID:	JC64988-2	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	96%		81-124%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	96%		80-120%

(a) This compound in BS is outside in house QC limits bias high.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MOSF-2
Lab Sample ID: JC64988-2 **Date Sampled:** 04/23/18
Matrix: AQ - Ground Water **Date Received:** 04/26/18
Method: SW846 8270D SW846 3510C **Percent Solids:** n/a
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P122363.D	1	05/03/18 20:17	CC	04/28/18 04:30	OP11624	EP5492
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	0.98	1.0	0.19	ug/l	J
208-96-8	Acenaphthylene	ND	1.0	0.14	ug/l	
120-12-7	Anthracene	ND	1.0	0.21	ug/l	
92-87-5	Benzidine [a]	ND	10	0.90	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.40	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.46	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.24	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.34	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.28	ug/l	
111-44-4	bis(2-Chloroethyl)ether [b]	ND	2.0	0.25	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.40	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.37	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.17	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.17	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	0.51	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.23	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.26	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.22	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	1.7	ug/l	
206-44-0	Fluoranthene	0.90	1.0	0.17	ug/l	J

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MOSF-2		
Lab Sample ID:	JC64988-2	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

BN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
86-73-7	Fluorene	0.84	1.0	0.17	ug/l	J
118-74-1	Hexachlorobenzene	ND	1.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.49	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.8	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.39	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
78-59-1	Isophorone	ND	2.0	0.28	ug/l	
91-20-3	Naphthalene	0.28	1.0	0.23	ug/l	J
98-95-3	Nitrobenzene	ND	2.0	0.64	ug/l	
62-75-9	n-Nitrosodimethylamine [c]	ND	2.0	0.82	ug/l	
621-64-7	N-Nitroso-di-n-propylamine [c]	ND	2.0	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.18	ug/l	
129-00-0	Pyrene	0.91	1.0	0.22	ug/l	J
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	91%		34-128%
321-60-8	2-Fluorobiphenyl	76%		38-119%
1718-51-0	Terphenyl-d14	49%		26-129%

(a) Associated CCV outside of control limits low.
(b) Associated CCV outside of control limits high, sample was ND. This compound in BS is outside in house QC limits bias high.
(c) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MOSF-3		
Lab Sample ID:	JC64988-3	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B81445.D	1	04/30/18 12:35	HT	n/a	n/a	V4B3376
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.17	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.38	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.4	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	4.8	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.27	ug/l	
135-98-8	sec-Butylbenzene [a]	ND	2.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.34	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.34	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.24	ug/l	
75-00-3	Chloroethane	ND	1.0	0.59	ug/l	
67-66-3	Chloroform	ND	1.0	0.29	ug/l	
74-87-3	Chloromethane	ND	1.0	0.53	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.30	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.24	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.9	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.47	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.40	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.24	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MOSF-3		
Lab Sample ID:	JC64988-3	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.29	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.22	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.34	ug/l	
591-78-6	2-Hexanone	ND	5.0	3.3	ug/l	
74-88-4	Iodomethane	ND	2.0	0.27	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.25	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.25	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	3.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.45	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.1	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.24	ug/l	
100-42-5	Styrene	ND	1.0	0.24	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.25	ug/l	
87-61-6	1,2,3-Trichlorobenzene [b]	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.27	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.60	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.47	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.24	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-05-4	Vinyl Acetate	ND	10	3.2	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.62	ug/l	
	m,p-Xylene	ND	1.0	0.43	ug/l	
95-47-6	o-Xylene	ND	1.0	0.22	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.22	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		80-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MOSF-3		
Lab Sample ID:	JC64988-3	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	97%		81-124%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	97%		80-120%

(a) This compound in BS is outside in house QC limits bias high.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MOSF-3		
Lab Sample ID:	JC64988-3	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P122355.D	1	05/03/18 14:07	CC	04/28/18 04:30	OP11624	EP5492
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	1.0	0.19	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.14	ug/l	
120-12-7	Anthracene	ND	1.0	0.21	ug/l	
92-87-5	Benzidine [a]	ND	10	0.90	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.40	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.46	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.24	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.34	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.28	ug/l	
111-44-4	bis(2-Chloroethyl)ether [b]	ND	2.0	0.25	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.40	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.37	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.17	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.17	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	0.51	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.23	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.26	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.22	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	1.7	ug/l	B
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MOSF-3		
Lab Sample ID:	JC64988-3	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

BN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
86-73-7	Fluorene	ND	1.0	0.17	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.49	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.8	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.39	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
78-59-1	Isophorone	ND	2.0	0.28	ug/l	
91-20-3	Naphthalene	ND	1.0	0.23	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.64	ug/l	
62-75-9	n-Nitrosodimethylamine [c]	ND	2.0	0.82	ug/l	
621-64-7	N-Nitroso-di-n-propylamine [c]	ND	2.0	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.18	ug/l	
129-00-0	Pyrene	ND	1.0	0.22	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	95%		34-128%
321-60-8	2-Fluorobiphenyl	76%		38-119%
1718-51-0	Terphenyl-d14	49%		26-129%

(a) Associated CCV outside of control limits low.
(b) Associated CCV outside of control limits high, sample was ND. This compound in BS is outside in house QC limits bias high.
(c) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-200		
Lab Sample ID:	JC64988-4	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B81446.D	1	04/30/18 13:03	HT	n/a	n/a	V4B3376
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	10.4	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.17	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.38	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.4	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	4.8	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.27	ug/l	
135-98-8	sec-Butylbenzene [a]	ND	2.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.34	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.34	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.24	ug/l	
75-00-3	Chloroethane	ND	1.0	0.59	ug/l	
67-66-3	Chloroform	ND	1.0	0.29	ug/l	
74-87-3	Chloromethane	ND	1.0	0.53	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.30	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.24	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.9	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.47	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.40	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.24	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-200		
Lab Sample ID:	JC64988-4	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.29	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.22	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.34	ug/l	
591-78-6	2-Hexanone	ND	5.0	3.3	ug/l	
74-88-4	Iodomethane	ND	2.0	0.27	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.25	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.25	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	3.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.45	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.1	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.24	ug/l	
100-42-5	Styrene	ND	1.0	0.24	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.25	ug/l	
87-61-6	1,2,3-Trichlorobenzene [b]	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.27	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.60	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.47	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.24	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-05-4	Vinyl Acetate	ND	10	3.2	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.62	ug/l	
	m,p-Xylene	ND	1.0	0.43	ug/l	
95-47-6	o-Xylene	ND	1.0	0.22	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.22	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		80-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-200		
Lab Sample ID:	JC64988-4	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	98%		81-124%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	96%		80-120%

(a) This compound in BS is outside in house QC limits bias high.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-200		
Lab Sample ID:	JC64988-4	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F176198.D	1	05/04/18 17:57	CC	04/28/18 04:30	OP11624	EF7505
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	1.0	0.19	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.14	ug/l	
120-12-7	Anthracene	ND	1.0	0.21	ug/l	
92-87-5	Benzidine [a]	ND	10	0.90	ug/l	
56-55-3	Benzo(a)anthracene	0.32	1.0	0.20	ug/l	J
50-32-8	Benzo(a)pyrene [b]	0.44	1.0	0.21	ug/l	J
205-99-2	Benzo(b)fluoranthene [b]	0.77	1.0	0.21	ug/l	J
191-24-2	Benzo(g,h,i)perylene	0.53	1.0	0.34	ug/l	J
207-08-9	Benzo(k)fluoranthene	0.28	1.0	0.21	ug/l	J
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.40	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.46	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.24	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.34	ug/l	
218-01-9	Chrysene	0.35	1.0	0.18	ug/l	J
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.28	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.25	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.40	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.37	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.17	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.17	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	0.51	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	1.8	2.0	0.23	ug/l	J
84-66-2	Diethyl phthalate	ND	2.0	0.26	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.22	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	2.0	2.0	1.7	ug/l	B
206-44-0	Fluoranthene	0.48	1.0	0.17	ug/l	J

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-200		
Lab Sample ID:	JC64988-4	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

BN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
86-73-7	Fluorene	ND	1.0	0.17	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.49	ug/l	
77-47-4	Hexachlorocyclopentadiene [c]	ND	10	2.8	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.39	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene [b]	0.51	1.0	0.33	ug/l	J
78-59-1	Isophorone	ND	2.0	0.28	ug/l	
91-20-3	Naphthalene	ND	1.0	0.23	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.64	ug/l	
62-75-9	n-Nitrosodimethylamine [c]	ND	2.0	0.82	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	0.18	1.0	0.18	ug/l	J
129-00-0	Pyrene	0.44	1.0	0.22	ug/l	J
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	69%		34-128%
321-60-8	2-Fluorobiphenyl	64%		38-119%
1718-51-0	Terphenyl-d14	46%		26-129%

(a) Associated CCV outside of control limits low.
(b) Associated CCV outside of control limits high.
(c) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-202		
Lab Sample ID:	JC64988-5	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B81447.D	1	04/30/18 13:31	HT	n/a	n/a	V4B3376
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.17	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.38	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.4	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	4.8	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.27	ug/l	
135-98-8	sec-Butylbenzene [a]	ND	2.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.34	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.34	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.24	ug/l	
75-00-3	Chloroethane	ND	1.0	0.59	ug/l	
67-66-3	Chloroform	ND	1.0	0.29	ug/l	
74-87-3	Chloromethane	ND	1.0	0.53	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.30	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.24	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.9	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.47	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.40	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.24	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-202
Lab Sample ID: JC64988-5 **Date Sampled:** 04/23/18
Matrix: AQ - Ground Water **Date Received:** 04/26/18
Method: SW846 8260C **Percent Solids:** n/a
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.29	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.22	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.34	ug/l	
591-78-6	2-Hexanone	ND	5.0	3.3	ug/l	
74-88-4	Iodomethane	ND	2.0	0.27	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.25	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.25	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	3.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.45	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.1	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.24	ug/l	
100-42-5	Styrene	ND	1.0	0.24	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.25	ug/l	
87-61-6	1,2,3-Trichlorobenzene [b]	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.27	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.60	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.47	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.24	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-05-4	Vinyl Acetate	ND	10	3.2	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.62	ug/l	
	m,p-Xylene	ND	1.0	0.43	ug/l	
95-47-6	o-Xylene	ND	1.0	0.22	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.22	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-202		
Lab Sample ID:	JC64988-5	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	100%		81-124%
2037-26-5	Toluene-D8	94%		80-120%
460-00-4	4-Bromofluorobenzene	98%		80-120%

(a) This compound in BS is outside in house QC limits bias high.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-202
Lab Sample ID: JC64988-5 **Date Sampled:** 04/23/18
Matrix: AQ - Ground Water **Date Received:** 04/26/18
Method: SW846 8270D SW846 3510C **Percent Solids:** n/a
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P122356.D	1	05/03/18 14:36	CC	04/28/18 04:30	OP11624	EP5492
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	1.0	0.19	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.14	ug/l	
120-12-7	Anthracene	ND	1.0	0.21	ug/l	
92-87-5	Benzidine [a]	ND	10	0.90	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.40	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.46	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.24	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.34	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.28	ug/l	
111-44-4	bis(2-Chloroethyl)ether [b]	ND	2.0	0.25	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.40	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.37	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.17	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.17	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	0.51	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.23	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.26	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.22	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	1.7	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-202		
Lab Sample ID:	JC64988-5	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

BN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
86-73-7	Fluorene	ND	1.0	0.17	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.49	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.8	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.39	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
78-59-1	Isophorone	ND	2.0	0.28	ug/l	
91-20-3	Naphthalene	ND	1.0	0.23	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.64	ug/l	
62-75-9	n-Nitrosodimethylamine [c]	ND	2.0	0.82	ug/l	
621-64-7	N-Nitroso-di-n-propylamine [c]	ND	2.0	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.18	ug/l	
129-00-0	Pyrene	ND	1.0	0.22	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	86%		34-128%
321-60-8	2-Fluorobiphenyl	69%		38-119%
1718-51-0	Terphenyl-d14	60%		26-129%

(a) Associated CCV outside of control limits low.
(b) Associated CCV outside of control limits high, sample was ND. This compound in BS is outside in house QC limits bias high.
(c) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-203		
Lab Sample ID:	JC64988-6	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B81452.D	1	04/30/18 15:52	HT	n/a	n/a	V4B3376
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.17	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.38	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.4	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	4.8	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.27	ug/l	
135-98-8	sec-Butylbenzene [a]	ND	2.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.34	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.34	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.24	ug/l	
75-00-3	Chloroethane	ND	1.0	0.59	ug/l	
67-66-3	Chloroform	ND	1.0	0.29	ug/l	
74-87-3	Chloromethane	ND	1.0	0.53	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.30	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.24	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.9	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.47	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.40	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.24	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-203
Lab Sample ID: JC64988-6 **Date Sampled:** 04/23/18
Matrix: AQ - Ground Water **Date Received:** 04/26/18
Method: SW846 8260C **Percent Solids:** n/a
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.29	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.22	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.34	ug/l	
591-78-6	2-Hexanone	ND	5.0	3.3	ug/l	
74-88-4	Iodomethane	ND	2.0	0.27	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.25	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.25	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	3.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.45	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.1	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.24	ug/l	
100-42-5	Styrene	ND	1.0	0.24	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.25	ug/l	
87-61-6	1,2,3-Trichlorobenzene [b]	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.27	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.60	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.47	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.24	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-05-4	Vinyl Acetate	ND	10	3.2	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.62	ug/l	
	m,p-Xylene	ND	1.0	0.43	ug/l	
95-47-6	o-Xylene	ND	1.0	0.22	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.22	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-203		
Lab Sample ID:	JC64988-6	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	97%		81-124%
2037-26-5	Toluene-D8	95%		80-120%
460-00-4	4-Bromofluorobenzene	96%		80-120%

(a) This compound in BS is outside in house QC limits bias high.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-203		
Lab Sample ID:	JC64988-6	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P122357.D	1	05/03/18 15:32	CC	04/28/18 04:30	OP11624	EP5492
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	1.0	0.19	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.14	ug/l	
120-12-7	Anthracene	ND	1.0	0.21	ug/l	
92-87-5	Benzidine [a]	ND	10	0.90	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.40	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.46	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.24	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.34	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.28	ug/l	
111-44-4	bis(2-Chloroethyl)ether [b]	ND	2.0	0.25	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.40	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.37	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.17	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.17	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	0.51	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.23	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.26	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.22	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	1.7	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-203		
Lab Sample ID:	JC64988-6	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

BN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
86-73-7	Fluorene	ND	1.0	0.17	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.49	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.8	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.39	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
78-59-1	Isophorone	ND	2.0	0.28	ug/l	
91-20-3	Naphthalene	ND	1.0	0.23	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.64	ug/l	
62-75-9	n-Nitrosodimethylamine [c]	ND	2.0	0.82	ug/l	
621-64-7	N-Nitroso-di-n-propylamine [c]	ND	2.0	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.18	ug/l	
129-00-0	Pyrene	ND	1.0	0.22	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	85%		34-128%
321-60-8	2-Fluorobiphenyl	70%		38-119%
1718-51-0	Terphenyl-d14	53%		26-129%

(a) Associated CCV outside of control limits low.
(b) Associated CCV outside of control limits high, sample was ND. This compound in BS is outside in house QC limits bias high.
(c) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MOSF-8		
Lab Sample ID:	JC64988-7	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B81456.D	1	04/30/18 17:44	HT	n/a	n/a	V4B3376
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.17	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.38	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.4	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	4.8	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.27	ug/l	
135-98-8	sec-Butylbenzene [a]	ND	2.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.34	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.34	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.24	ug/l	
75-00-3	Chloroethane	ND	1.0	0.59	ug/l	
67-66-3	Chloroform	ND	1.0	0.29	ug/l	
74-87-3	Chloromethane	ND	1.0	0.53	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.30	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.24	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.9	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.47	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.40	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.24	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MOSF-8		
Lab Sample ID:	JC64988-7	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.29	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.22	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.34	ug/l	
591-78-6	2-Hexanone	ND	5.0	3.3	ug/l	
74-88-4	Iodomethane	ND	2.0	0.27	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.25	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	3.3	1.0	0.25	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	3.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.45	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.1	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.24	ug/l	
100-42-5	Styrene	ND	1.0	0.24	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.25	ug/l	
87-61-6	1,2,3-Trichlorobenzene [b]	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.27	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.60	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.47	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.24	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-05-4	Vinyl Acetate	ND	10	3.2	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.62	ug/l	
	m,p-Xylene	ND	1.0	0.43	ug/l	
95-47-6	o-Xylene	ND	1.0	0.22	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.22	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MOSF-8		
Lab Sample ID:	JC64988-7	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	102%		81-124%
2037-26-5	Toluene-D8	94%		80-120%
460-00-4	4-Bromofluorobenzene	98%		80-120%

(a) This compound in BS is outside in house QC limits bias high.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MOSF-8		
Lab Sample ID:	JC64988-7	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6P472522.D	1	05/04/18 07:22	GS	04/28/18 04:30	OP11624	E6P2192
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	1.0	0.19	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.14	ug/l	
120-12-7	Anthracene	ND	1.0	0.21	ug/l	
92-87-5	Benzidine [a]	ND	10	0.90	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.40	ug/l	
85-68-7	Butyl benzyl phthalate [b]	ND	2.0	0.46	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.24	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.34	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.28	ug/l	
111-44-4	bis(2-Chloroethyl)ether [c]	ND	2.0	0.25	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.40	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.37	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.17	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.17	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	0.51	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate [b]	ND	2.0	0.23	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.26	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.22	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate [b]	ND	2.0	1.7	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MOSF-8		
Lab Sample ID:	JC64988-7	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

BN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
86-73-7	Fluorene	ND	1.0	0.17	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.49	ug/l	
77-47-4	Hexachlorocyclopentadiene [a]	ND	10	2.8	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.39	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
78-59-1	Isophorone	ND	2.0	0.28	ug/l	
91-20-3	Naphthalene	ND	1.0	0.23	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.64	ug/l	
62-75-9	n-Nitrosodimethylamine [a]	ND	2.0	0.82	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.18	ug/l	
129-00-0	Pyrene	ND	1.0	0.22	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	63%		34-128%
321-60-8	2-Fluorobiphenyl	62%		38-119%
1718-51-0	Terphenyl-d14	49%		26-129%

(a) Associated CCV outside of control limits low.
(b) Associated CCV outside of control limits high, sample was ND.
(c) This compound is outside the control limits biased high in the associated BS.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MOSF-9		
Lab Sample ID:	JC64988-8	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B81457.D	1	04/30/18 18:12	HT	n/a	n/a	V4B3376
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.17	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.38	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.4	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	4.8	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.27	ug/l	
135-98-8	sec-Butylbenzene [a]	ND	2.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.34	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.34	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.24	ug/l	
75-00-3	Chloroethane	ND	1.0	0.59	ug/l	
67-66-3	Chloroform	ND	1.0	0.29	ug/l	
74-87-3	Chloromethane	ND	1.0	0.53	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.30	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.24	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.9	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.47	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.40	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.24	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MOSF-9		
Lab Sample ID:	JC64988-8	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.29	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.22	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.34	ug/l	
591-78-6	2-Hexanone	ND	5.0	3.3	ug/l	
74-88-4	Iodomethane	ND	2.0	0.27	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.25	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.25	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	3.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.45	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.1	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.24	ug/l	
100-42-5	Styrene	ND	1.0	0.24	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.25	ug/l	
87-61-6	1,2,3-Trichlorobenzene [b]	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.27	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.60	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.47	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.24	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.31	2.0	0.20	ug/l	J
108-05-4	Vinyl Acetate	ND	10	3.2	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.62	ug/l	
	m,p-Xylene	ND	1.0	0.43	ug/l	
95-47-6	o-Xylene	ND	1.0	0.22	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.22	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		80-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MOSF-9		
Lab Sample ID:	JC64988-8	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	104%		81-124%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	98%		80-120%

(a) This compound in BS is outside in house QC limits bias high.
(b) Associated CCV outside of control limits high, sample was ND.

Report of Analysis

Client Sample ID:	MOSF-9		
Lab Sample ID:	JC64988-8	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P122364.D	1	05/03/18 20:46	CC	04/28/18 04:30	OP11624	EP5492
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	1.0	0.19	ug/l	
208-96-8	Acenaphthylene	0.21	1.0	0.14	ug/l	J
120-12-7	Anthracene	0.26	1.0	0.21	ug/l	J
92-87-5	Benzidine [a]	ND	10	0.90	ug/l	
56-55-3	Benzo(a)anthracene	0.83	1.0	0.20	ug/l	J
50-32-8	Benzo(a)pyrene	1.1	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	1.1	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.40	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.46	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.24	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.34	ug/l	
218-01-9	Chrysene	0.67	1.0	0.18	ug/l	J
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.28	ug/l	
111-44-4	bis(2-Chloroethyl)ether [b]	ND	2.0	0.25	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.40	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.37	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.17	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.17	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	0.51	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.23	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.26	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.22	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	1.7	ug/l	
206-44-0	Fluoranthene	1.1	1.0	0.17	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MOSF-9		
Lab Sample ID:	JC64988-8	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

BN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
86-73-7	Fluorene	ND	1.0	0.17	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.49	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.8	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.39	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
78-59-1	Isophorone	ND	2.0	0.28	ug/l	
91-20-3	Naphthalene	ND	1.0	0.23	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.64	ug/l	
62-75-9	n-Nitrosodimethylamine [c]	ND	2.0	0.82	ug/l	
621-64-7	N-Nitroso-di-n-propylamine [c]	ND	2.0	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	0.46	1.0	0.18	ug/l	J
129-00-0	Pyrene	1.1	1.0	0.22	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	91%		34-128%
321-60-8	2-Fluorobiphenyl	72%		38-119%
1718-51-0	Terphenyl-d14	57%		26-129%

(a) Associated CCV outside of control limits low.
(b) Associated CCV outside of control limits high, sample was ND. This compound in BS is outside in house QC limits bias high.
(c) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-118		
Lab Sample ID:	JC64988-9	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B81458.D	1	04/30/18 18:40	HT	n/a	n/a	V4B3376
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.17	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.38	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.4	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	4.8	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.27	ug/l	
135-98-8	sec-Butylbenzene [a]	ND	2.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.34	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.34	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.24	ug/l	
75-00-3	Chloroethane	ND	1.0	0.59	ug/l	
67-66-3	Chloroform	ND	1.0	0.29	ug/l	
74-87-3	Chloromethane	ND	1.0	0.53	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.30	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.24	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.9	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.47	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.40	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.24	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-118		
Lab Sample ID:	JC64988-9	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.29	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.22	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.34	ug/l	
591-78-6	2-Hexanone	ND	5.0	3.3	ug/l	
74-88-4	Iodomethane	ND	2.0	0.27	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.25	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.25	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	3.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.45	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.1	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.24	ug/l	
100-42-5	Styrene	ND	1.0	0.24	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.25	ug/l	
87-61-6	1,2,3-Trichlorobenzene [b]	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.27	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.60	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.47	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.24	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-05-4	Vinyl Acetate	ND	10	3.2	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.62	ug/l	
	m,p-Xylene	ND	1.0	0.43	ug/l	
95-47-6	o-Xylene	ND	1.0	0.22	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.22	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		80-120%

ND = Not detected MDL = Method Detection Limit
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E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-118		
Lab Sample ID:	JC64988-9	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	105%		81-124%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	99%		80-120%

(a) This compound in BS is outside in house QC limits bias high.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-118		
Lab Sample ID:	JC64988-9	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P122358.D	1	05/03/18 16:01	CC	04/28/18 04:30	OP11624	EP5492
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	1.0	0.19	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.14	ug/l	
120-12-7	Anthracene	ND	1.0	0.21	ug/l	
92-87-5	Benzidine [a]	ND	10	0.90	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	0.23	1.0	0.21	ug/l	J
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.40	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.46	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.24	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.34	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.28	ug/l	
111-44-4	bis(2-Chloroethyl)ether [b]	ND	2.0	0.25	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.40	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.37	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.17	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.17	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	0.51	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.23	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.26	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.22	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	1.7	ug/l	
206-44-0	Fluoranthene	0.37	1.0	0.17	ug/l	J

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-118		
Lab Sample ID:	JC64988-9	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

BN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
86-73-7	Fluorene	ND	1.0	0.17	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.49	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.8	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.39	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
78-59-1	Isophorone	ND	2.0	0.28	ug/l	
91-20-3	Naphthalene	ND	1.0	0.23	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.64	ug/l	
62-75-9	n-Nitrosodimethylamine [c]	ND	2.0	0.82	ug/l	
621-64-7	N-Nitroso-di-n-propylamine [c]	ND	2.0	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.18	ug/l	
129-00-0	Pyrene	0.42	1.0	0.22	ug/l	J
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	84%		34-128%
321-60-8	2-Fluorobiphenyl	68%		38-119%
1718-51-0	Terphenyl-d14	55%		26-129%

(a) Associated CCV outside of control limits low.
(b) Associated CCV outside of control limits high, sample was ND. This compound in BS is outside in house QC limits bias high.
(c) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-119		
Lab Sample ID:	JC64988-10	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B160190.D	1	05/01/18 05:02	JTP	n/a	n/a	V2B7139
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	0.52	0.50	0.17	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.38	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.4	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	4.8	ug/l	
104-51-8	n-Butylbenzene	1.2	2.0	0.27	ug/l	J
135-98-8	sec-Butylbenzene	3.0	2.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	0.70	2.0	0.34	ug/l	J
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.34	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.24	ug/l	
75-00-3	Chloroethane	ND	1.0	0.59	ug/l	
67-66-3	Chloroform	ND	1.0	0.29	ug/l	
74-87-3	Chloromethane	ND	1.0	0.53	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.30	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.24	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.9	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.47	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.40	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.24	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-119		
Lab Sample ID:	JC64988-10	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.29	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
100-41-4	Ethylbenzene	0.38	1.0	0.22	ug/l	J
87-68-3	Hexachlorobutadiene	ND	2.0	0.34	ug/l	
591-78-6	2-Hexanone	ND	5.0	3.3	ug/l	
74-88-4	Iodomethane	ND	2.0	0.27	ug/l	
98-82-8	Isopropylbenzene	10.3	1.0	0.25	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.25	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	3.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.45	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.1	ug/l	
103-65-1	n-Propylbenzene	5.4	2.0	0.24	ug/l	
100-42-5	Styrene	ND	1.0	0.24	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.25	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.27	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.60	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.47	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.24	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-05-4	Vinyl Acetate	ND	10	3.2	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.62	ug/l	
	m,p-Xylene	0.49	1.0	0.43	ug/l	J
95-47-6	o-Xylene	ND	1.0	0.22	ug/l	
1330-20-7	Xylene (total)	0.49	1.0	0.22	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		80-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-119		
Lab Sample ID:	JC64988-10	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	97%		81-124%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	98%		80-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-119
Lab Sample ID: JC64988-10 **Date Sampled:** 04/23/18
Matrix: AQ - Ground Water **Date Received:** 04/26/18
Method: SW846 8270D SW846 3510C **Percent Solids:** n/a
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6P472523.D	1	05/04/18 07:46	GS	04/28/18 04:30	OP11624	E6P2192
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	1.0	0.19	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.14	ug/l	
120-12-7	Anthracene	ND	1.0	0.21	ug/l	
92-87-5	Benzidine [a]	ND	10	0.90	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	0.40	1.0	0.21	ug/l	J
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.40	ug/l	
85-68-7	Butyl benzyl phthalate [b]	ND	2.0	0.46	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.24	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.34	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.28	ug/l	
111-44-4	bis(2-Chloroethyl)ether [c]	ND	2.0	0.25	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.40	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.37	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.17	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.17	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	0.51	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate [b]	ND	2.0	0.23	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.26	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.22	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate [b]	ND	2.0	1.7	ug/l	
206-44-0	Fluoranthene	0.60	1.0	0.17	ug/l	J

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-119		
Lab Sample ID:	JC64988-10	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

BN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
86-73-7	Fluorene	ND	1.0	0.17	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.49	ug/l	
77-47-4	Hexachlorocyclopentadiene [a]	ND	10	2.8	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.39	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
78-59-1	Isophorone	ND	2.0	0.28	ug/l	
91-20-3	Naphthalene	ND	1.0	0.23	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.64	ug/l	
62-75-9	n-Nitrosodimethylamine [a]	ND	2.0	0.82	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.18	ug/l	
129-00-0	Pyrene	0.69	1.0	0.22	ug/l	J
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	75%		34-128%
321-60-8	2-Fluorobiphenyl	72%		38-119%
1718-51-0	Terphenyl-d14	59%		26-129%

(a) Associated CCV outside of control limits low.
(b) Associated CCV outside of control limits high, sample was ND.
(c) This compound is outside the control limits biased high in the associated BS.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-120
Lab Sample ID: JC64988-11
Matrix: AQ - Ground Water
Method: SW846 8260C
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Date Sampled: 04/23/18
Date Received: 04/26/18
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B81455.D	1	04/30/18 17:16	HT	n/a	n/a	V4B3376
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.17	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.38	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.4	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	4.8	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.27	ug/l	
135-98-8	sec-Butylbenzene [a]	ND	2.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.34	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.34	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.24	ug/l	
75-00-3	Chloroethane	ND	1.0	0.59	ug/l	
67-66-3	Chloroform	ND	1.0	0.29	ug/l	
74-87-3	Chloromethane	ND	1.0	0.53	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.30	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.24	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.9	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.47	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.40	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.24	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-120		
Lab Sample ID:	JC64988-11	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.29	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.22	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.34	ug/l	
591-78-6	2-Hexanone	ND	5.0	3.3	ug/l	
74-88-4	Iodomethane	ND	2.0	0.27	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.25	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.52	1.0	0.25	ug/l	J
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	3.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.45	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.1	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.24	ug/l	
100-42-5	Styrene	ND	1.0	0.24	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.25	ug/l	
87-61-6	1,2,3-Trichlorobenzene [b]	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.27	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.60	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.47	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.24	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-05-4	Vinyl Acetate	ND	10	3.2	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.62	ug/l	
	m,p-Xylene	ND	1.0	0.43	ug/l	
95-47-6	o-Xylene	ND	1.0	0.22	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.22	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-120		
Lab Sample ID:	JC64988-11	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	102%		81-124%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	97%		80-120%

(a) This compound in BS is outside in house QC limits bias high.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-120		
Lab Sample ID:	JC64988-11	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P122359.D	1	05/03/18 18:24	CC	04/28/18 04:30	OP11624	EP5492
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	1.0	0.19	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.14	ug/l	
120-12-7	Anthracene	ND	1.0	0.21	ug/l	
92-87-5	Benzidine [a]	ND	10	0.90	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.40	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.46	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.24	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.34	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.28	ug/l	
111-44-4	bis(2-Chloroethyl)ether [b]	ND	2.0	0.25	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.40	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.37	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.17	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.17	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	0.51	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.23	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.26	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.22	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	1.7	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-120		
Lab Sample ID:	JC64988-11	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

BN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
86-73-7	Fluorene	ND	1.0	0.17	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.49	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.8	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.39	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
78-59-1	Isophorone	ND	2.0	0.28	ug/l	
91-20-3	Naphthalene	ND	1.0	0.23	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.64	ug/l	
62-75-9	n-Nitrosodimethylamine [c]	ND	2.0	0.82	ug/l	
621-64-7	N-Nitroso-di-n-propylamine [c]	ND	2.0	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.18	ug/l	
129-00-0	Pyrene	ND	1.0	0.22	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	82%		34-128%
321-60-8	2-Fluorobiphenyl	65%		38-119%
1718-51-0	Terphenyl-d14	50%		26-129%

(a) Associated CCV outside of control limits low.
(b) Associated CCV outside of control limits high, sample was ND. This compound in BS is outside in house QC limits bias high.
(c) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-121		
Lab Sample ID:	JC64988-12	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B81454.D	1	04/30/18 16:48	HT	n/a	n/a	V4B3376
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.17	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.38	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.4	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	4.8	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.27	ug/l	
135-98-8	sec-Butylbenzene [a]	ND	2.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.34	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.34	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.24	ug/l	
75-00-3	Chloroethane	ND	1.0	0.59	ug/l	
67-66-3	Chloroform	ND	1.0	0.29	ug/l	
74-87-3	Chloromethane	ND	1.0	0.53	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.30	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.24	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.9	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.47	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.40	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.24	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-121		
Lab Sample ID:	JC64988-12	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.29	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.22	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.34	ug/l	
591-78-6	2-Hexanone	ND	5.0	3.3	ug/l	
74-88-4	Iodomethane	ND	2.0	0.27	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.25	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.25	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	3.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.45	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.1	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.24	ug/l	
100-42-5	Styrene	ND	1.0	0.24	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.25	ug/l	
87-61-6	1,2,3-Trichlorobenzene [b]	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.27	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.60	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.47	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.24	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-05-4	Vinyl Acetate	ND	10	3.2	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.62	ug/l	
	m,p-Xylene	ND	1.0	0.43	ug/l	
95-47-6	o-Xylene	ND	1.0	0.22	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.22	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		80-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-121		
Lab Sample ID:	JC64988-12	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	101%		81-124%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	98%		80-120%

(a) This compound in BS is outside in house QC limits bias high.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-121		
Lab Sample ID:	JC64988-12	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P122362.D	1	05/03/18 19:49	CC	04/28/18 04:30	OP11624	EP5492
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	1.0	0.19	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.14	ug/l	
120-12-7	Anthracene	ND	1.0	0.21	ug/l	
92-87-5	Benzidine [a]	ND	10	0.90	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.40	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.46	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.24	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.34	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.28	ug/l	
111-44-4	bis(2-Chloroethyl)ether [b]	ND	2.0	0.25	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.40	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.37	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.17	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.17	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	0.51	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.23	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.26	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.22	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	1.7	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-121		
Lab Sample ID:	JC64988-12	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

BN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
86-73-7	Fluorene	ND	1.0	0.17	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.49	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.8	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.39	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
78-59-1	Isophorone	ND	2.0	0.28	ug/l	
91-20-3	Naphthalene	ND	1.0	0.23	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.64	ug/l	
62-75-9	n-Nitrosodimethylamine [c]	ND	2.0	0.82	ug/l	
621-64-7	N-Nitroso-di-n-propylamine [c]	ND	2.0	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.18	ug/l	
129-00-0	Pyrene	ND	1.0	0.22	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	89%		34-128%
321-60-8	2-Fluorobiphenyl	74%		38-119%
1718-51-0	Terphenyl-d14	58%		26-129%

(a) Associated CCV outside of control limits low.
(b) Associated CCV outside of control limits high, sample was ND. This compound in BS is outside in house QC limits bias high.
(c) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: DUP 1-042318
Lab Sample ID: JC64988-13
Matrix: AQ - Ground Water
Method: SW846 8260C
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Date Sampled: 04/23/18
Date Received: 04/26/18
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B81453.D	1	04/30/18 16:20	HT	n/a	n/a	V4B3376
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.17	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.38	ug/l	
75-27-4	Bromodichloromethane	0.90	1.0	0.22	ug/l	J
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.4	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	4.8	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.27	ug/l	
135-98-8	sec-Butylbenzene [a]	ND	2.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.34	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.34	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.24	ug/l	
75-00-3	Chloroethane	ND	1.0	0.59	ug/l	
67-66-3	Chloroform	6.3	1.0	0.29	ug/l	
74-87-3	Chloromethane	ND	1.0	0.53	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.30	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.24	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.9	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.47	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.40	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.24	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP 1-042318		
Lab Sample ID:	JC64988-13	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.29	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.22	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.34	ug/l	
591-78-6	2-Hexanone	ND	5.0	3.3	ug/l	
74-88-4	Iodomethane	ND	2.0	0.27	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.25	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.25	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	3.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.45	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.1	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.24	ug/l	
100-42-5	Styrene	ND	1.0	0.24	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.25	ug/l	
87-61-6	1,2,3-Trichlorobenzene [b]	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.27	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.60	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.47	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.24	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-05-4	Vinyl Acetate	ND	10	3.2	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.62	ug/l	
	m,p-Xylene	ND	1.0	0.43	ug/l	
95-47-6	o-Xylene	ND	1.0	0.22	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.22	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		80-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP 1-042318		
Lab Sample ID:	JC64988-13	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	98%		81-124%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	96%		80-120%

(a) This compound in BS is outside in house QC limits bias high.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP 1-042318		
Lab Sample ID:	JC64988-13	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6P472520.D	1	05/04/18 06:33	GS	04/28/18 04:30	OP11624	E6P2192
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	1.0	0.19	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.14	ug/l	
120-12-7	Anthracene	ND	1.0	0.21	ug/l	
92-87-5	Benzidine [a]	ND	10	0.90	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.40	ug/l	
85-68-7	Butyl benzyl phthalate [b]	ND	2.0	0.46	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.24	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.34	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.28	ug/l	
111-44-4	bis(2-Chloroethyl)ether [c]	ND	2.0	0.25	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.40	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.37	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.17	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.17	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	0.51	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate [b]	ND	2.0	0.23	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.26	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.22	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate [b]	ND	2.0	1.7	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP 1-042318		
Lab Sample ID:	JC64988-13	**Date Sampled:**	04/23/18
Matrix:	AQ - Ground Water	**Date Received:**	04/26/18
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

BN PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
86-73-7	Fluorene	ND	1.0	0.17	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.49	ug/l	
77-47-4	Hexachlorocyclopentadiene [a]	ND	10	2.8	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.39	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
78-59-1	Isophorone	ND	2.0	0.28	ug/l	
91-20-3	Naphthalene	ND	1.0	0.23	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.64	ug/l	
62-75-9	n-Nitrosodimethylamine [a]	ND	2.0	0.82	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.18	ug/l	
129-00-0	Pyrene	ND	1.0	0.22	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	68%		34-128%
321-60-8	2-Fluorobiphenyl	66%		38-119%
1718-51-0	Terphenyl-d14	63%		26-129%

(a) Associated CCV outside of control limits low.
(b) Associated CCV outside of control limits high, sample was ND.
(c) This compound is outside the control limits biased high in the associated BS.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JC64988-14	**Date Sampled:**	04/23/18
Matrix:	AQ - Trip Blank Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B81451.D	1	04/30/18 15:23	HT	n/a	n/a	V4B3376
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.17	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.38	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.4	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	4.8	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.27	ug/l	
135-98-8	sec-Butylbenzene [a]	ND	2.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.34	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.34	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.24	ug/l	
75-00-3	Chloroethane	ND	1.0	0.59	ug/l	
67-66-3	Chloroform	ND	1.0	0.29	ug/l	
74-87-3	Chloromethane	ND	1.0	0.53	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.30	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.24	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.9	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.47	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.40	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.24	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JC64988-14	**Date Sampled:**	04/23/18
Matrix:	AQ - Trip Blank Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.29	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.22	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.34	ug/l	
591-78-6	2-Hexanone	ND	5.0	3.3	ug/l	
74-88-4	Iodomethane	ND	2.0	0.27	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.25	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.25	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	3.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.45	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.1	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.24	ug/l	
100-42-5	Styrene	ND	1.0	0.24	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.25	ug/l	
87-61-6	1,2,3-Trichlorobenzene [b]	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.27	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.60	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.47	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.24	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-05-4	Vinyl Acetate	ND	10	3.2	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.62	ug/l	
	m,p-Xylene	ND	1.0	0.43	ug/l	
95-47-6	o-Xylene	ND	1.0	0.22	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.22	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		80-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JC64988-14	**Date Sampled:**	04/23/18
Matrix:	AQ - Trip Blank Water	**Date Received:**	04/26/18
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	ROUXMA: Albany Terminal, 50 Church Street, Albany, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	94%		81-124%
2037-26-5	Toluene-D8	95%		80-120%
460-00-4	4-Bromofluorobenzene	96%		80-120%

(a) This compound in BS is outside in house QC limits bias high.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

GW
WB

CHAIN OF CUSTODY

PAGE _1_ OF _2_

SGS ACCUTEST

SGS Accutest of New England
D'Angelo Drive/495 Technology Center West, Building One Marlborough, MA 01752
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

FED-EX Tracking # 439763438769 | Bottle Order Control #
SGS Accutest Quote # | SGS Accutest Job # JC64988

Client / Reporting Information	Project Information	Billing Information (If different from Report to)
Company Name: Roux Associates Inc.	Project Name: Global Albany Terminal	
Street Address: 12 Gill Street, Suite 4700	Street: 50 Church Street	Company Name: Global Companies, LP.
City: Woburn State: MA Zip: 01801	City: Albany	Street Address: PO Box 549290
Project Contact: E-mail:	Project#:	City: Waltham State: MA Zip: 02454
Phone #: (781) 569-4000 Fax #: (781) 569-4001	Client PO#:	Attention: Steve Charron PO#:
Sampler(s) Name(s): Phone #:	Project Manager: Brian Klaus	

Requested Analysis (see TEST CODE sheet): VOCs (8260B - Full List); Base Neutrals (8270D)

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL- Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank; EB- Equipment Blank; RB- Rinse Blank; TB-Trip Blank

SGS Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Bisulfate	VOCs (8260B - Full List)	Base Neutrals (8270D)	LAB USE ONLY
1	MOSF-1		4.23.18	14:15	TR	GW	5	3				2					X	X	E1
2	MOSF-2		4.23.18	13:45	TR	GW	5	3				2					X	X	V303
3	MOSF-3		4/23/18	13:50	BS	GW	5	3				2					X	X	E10
4	MW-200		4.23.18	11:15	TR	GW	5	3				2					X	X	E4
5	MW-202		4.23.18	12:15	TR	GW	5	3				2					X	X	E20
6	MW-203		4.23.18	12:45	TR	GW	5	3				2					X	X	E26
7	MOSF-8		4.23.18	15:20	TR	GW	5	3				2					X	X	
8	MOSF-9		4.23.18	15:00	TR	GW	5	3				2					X	X	
9	MW-118		4.23.18	16:30	TR	GW	5	3				2					X	X	
10	MW-119		4.23.18	16:00	TR	GW	5	3				2					X	X	
11	MW-120		4.23.18	15:45	TR	GW	5	3				2					X	X	

Turnaround Time (Business days)
Approved By (SGS Accutest PM): / Date:

- [X] Std. 10 Business Days
- [ ] Std. 5 Business Days (By Contract only)
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

INITIAL ASESSMENT AECB
LABEL VERIFICATION

Emergency & Rush T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [x] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] CT RCP
- [ ] MA MCP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

Send Reports to: Kathryn Szymaszek (kszymaszek@rouxinc.com) and Brain Klaus (bklaus@rouxinc.com)

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		4/23/18 1730	1	4/25/18 09:45		
2				4/26/18 10:20	4/26/18 1000	2
3	4/24/18 1500		3			
4					4/26 9:30	4
5			5			

Custody Seal # | Intact | Preserved where applicable | On Ice | Cooler Temp. | Q3.0

Not intact

029 031 030 034 032 033

CHAIN OF CUSTODY

SGS ACCUTEST

SGS Accutest of New England
D'Angelo Drive/495 Technology Center West, Building One Marlborough, MA 01752
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

50

FED-EX Tracking # | Bottle Order Control #

SGS Accutest Quote # | SGS Accutest Job # JC64988

Client / Reporting Information

Company Name: Roux Associates Inc.
Street Address: 12 Gill Street, Suite 4700
City: Woburn | State: MA | Zip: 01801
Project Contact | E-mail
Phone #: (781) 569-4000 | Fax #: (781) 569-4001
Sampler(s) Name(s) | Phone #

Project Information

Project Name: Global Albany Terminal
Street: 50 Church Street
City: Albany
Project#
Client PO#
Project Manager: Brian Klaus

Billing Information (If different from Report to)

Company Name: Global Companies, LP.
Street Address: PO Box 549290
City: Waltham | State: MA | Zip: 02454
Attention: Steve Charron | PO#

Requested Analysis (see TEST CODE sheet)

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB- Equipment Blank
RB- Rinse Blank
TB-Trip Blank

SGS Accutest Sample #	Field ID / Point of Collection	Collection: MEOH/DI Vial #	Date	Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Bisulfate	VOCs (8260B - Full List)	Base Neutrals (8270D)	LAB USE ONLY
12	MW-121		4.23.18	15:30	TR	GW	5	3				2					X	X	
2	~~MW-202~~ TJC (MS/MSD) MOSF-2		4.23.18	13:45	TR	GW	10	6				4					X	X	
13	DUP 1-042318		4.23.18	9:50	TR	GW	5	3				2					X	X	
14	Trip Blank					GW	3	3									X		

Turnaround Time (Business days)

- [X] Std. 10 Business Days
- [ ] Std. 5 Business Days (By Contract only)
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (SGS Accutest PM): / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [x] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] CT RCP
- [ ] MA MCP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

Send Reports to: Kathryn Szymaszek (kszymaszek@rouxinc.com) and Brain Klaus (bklaus@rouxinc.com)

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		4/23/18 1730	1	2	4/25/18 10:20	2
3		4/26/18 1300	3	4	Date Time:	4
5	Relinquished by:	Date Time:	Received By: 5	Custody Seal #	Intact / Not Intact	Preserved where applicable / On Ice / Cooler Temp.

4/25/18 09:43

02.9 03.1 03.0 03.4 03.2 03.3

SGS Sample Receipt Summary

Job Number: JC64988 **Client:** _____ **Project:** _____

Date / Time Received: 4/26/2018 1:00:00 PM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (2.9); Cooler 2: (3.1); Cooler 3: (3.0); Cooler 4: (3.4); Cooler 5: (3.2); Cooler 6: (3.3);

Cooler Temps (Corrected) °C: Cooler 1: (4.4); Cooler 2: (4.6); Cooler 3: (4.5); Cooler 4: (4.9); Cooler 5: (4.7); Cooler 6: (4.8);

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N	
1. Temp criteria achieved:	☑	☐	
2. Cooler temp verification:	IR Gun		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	6		

Quality Control Preservation	Y	N	N/A
1. Trip Blank present / cooler:	☑	☐	☐
2. Trip Blank listed on COC:	☑	☐	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Test Strip Lot #s: pH 1-12: 216017 pH 12+: 208717 Other: (Specify) _____ _____

Comments

SM089-03
Rev. Date 12/7/17

JC64988: Chain of Custody
Page 3 of 3

MS Volatiles

6

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B3376-MB	4B81440.D	1	04/30/18	HT	n/a	n/a	V4B3376

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC64988-1, JC64988-2, JC64988-3, JC64988-4, JC64988-5, JC64988-6, JC64988-7, JC64988-8, JC64988-9, JC64988-11, JC64988-12, JC64988-13, JC64988-14

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.17	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.38	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.4	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	4.8	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.27	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.34	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.34	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.24	ug/l	
75-00-3	Chloroethane	ND	1.0	0.59	ug/l	
67-66-3	Chloroform	ND	1.0	0.29	ug/l	
74-87-3	Chloromethane	ND	1.0	0.53	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.30	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.24	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.9	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.47	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.40	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.24	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.29	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	

Method Blank Summary

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B3376-MB	4B81440.D	1	04/30/18	HT	n/a	n/a	V4B3376

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC64988-1, JC64988-2, JC64988-3, JC64988-4, JC64988-5, JC64988-6, JC64988-7, JC64988-8, JC64988-9, JC64988-11, JC64988-12, JC64988-13, JC64988-14

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.22	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.34	ug/l	
591-78-6	2-Hexanone	ND	5.0	3.3	ug/l	
74-88-4	Iodomethane	ND	2.0	0.27	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.25	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.25	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	3.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.45	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.1	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.24	ug/l	
100-42-5	Styrene	ND	1.0	0.24	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.25	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.27	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.60	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.47	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.24	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-05-4	Vinyl Acetate	ND	10	3.2	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.62	ug/l	
	m,p-Xylene	ND	1.0	0.43	ug/l	
95-47-6	o-Xylene	ND	1.0	0.22	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.22	ug/l	

Method Blank Summary

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B3376-MB	4B81440.D	1	04/30/18	HT	n/a	n/a	V4B3376

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC64988-1, JC64988-2, JC64988-3, JC64988-4, JC64988-5, JC64988-6, JC64988-7, JC64988-8, JC64988-9, JC64988-11, JC64988-12, JC64988-13, JC64988-14

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	101%	80-120%
17060-07-0	1,2-Dichloroethane-D4	104%	81-124%
2037-26-5	Toluene-D8	96%	80-120%
460-00-4	4-Bromofluorobenzene	98%	80-120%

Method Blank Summary

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B7139-MB	2B160172.D	1	04/30/18	JTP	n/a	n/a	V2B7139

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC64988-10

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.17	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.25	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.38	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.4	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	4.8	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.27	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.34	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.34	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.24	ug/l	
75-00-3	Chloroethane	ND	1.0	0.59	ug/l	
67-66-3	Chloroform	ND	1.0	0.29	ug/l	
74-87-3	Chloromethane	ND	1.0	0.53	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.30	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.24	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.50	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.9	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.47	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.40	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.24	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.29	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	

Method Blank Summary

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B7139-MB	2B160172.D	1	04/30/18	JTP	n/a	n/a	V2B7139

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC64988-10

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.22	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.34	ug/l	
591-78-6	2-Hexanone	ND	5.0	3.3	ug/l	
74-88-4	Iodomethane	ND	2.0	0.27	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.25	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.25	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	3.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.45	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.1	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.24	ug/l	
100-42-5	Styrene	ND	1.0	0.24	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.25	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.24	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.27	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.60	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.47	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.24	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-05-4	Vinyl Acetate	ND	10	3.2	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.62	ug/l	
	m,p-Xylene	ND	1.0	0.43	ug/l	
95-47-6	o-Xylene	ND	1.0	0.22	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.22	ug/l	

Method Blank Summary

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B7139-MB	2B160172.D	1	04/30/18	JTP	n/a	n/a	V2B7139

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC64988-10

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	104%	80-120%
17060-07-0	1,2-Dichloroethane-D4	97%	81-124%
2037-26-5	Toluene-D8	97%	80-120%
460-00-4	4-Bromofluorobenzene	99%	80-120%

Blank Spike Summary

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B3376-BS	4B81438.D	1	04/30/18	HT	n/a	n/a	V4B3376

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC64988-1, JC64988-2, JC64988-3, JC64988-4, JC64988-5, JC64988-6, JC64988-7, JC64988-8, JC64988-9, JC64988-11, JC64988-12, JC64988-13, JC64988-14

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	208	104	42-150
71-43-2	Benzene	50	52.2	104	80-120
108-86-1	Bromobenzene	50	52.7	105	82-118
74-97-5	Bromochloromethane	50	52.5	105	84-121
75-27-4	Bromodichloromethane	50	52.8	106	83-120
75-25-2	Bromoform	50	54.9	110	76-129
74-83-9	Bromomethane	50	42.9	86	57-138
78-93-3	2-Butanone (MEK)	200	203	102	64-137
104-51-8	n-Butylbenzene	50	60.1	120	81-123
135-98-8	sec-Butylbenzene	50	61.9	124* [a]	84-121
98-06-6	tert-Butylbenzene	50	59.6	119	83-122
75-15-0	Carbon disulfide	50	55.5	111	64-137
56-23-5	Carbon tetrachloride	50	57.9	116	75-135
108-90-7	Chlorobenzene	50	50.5	101	84-117
75-00-3	Chloroethane	50	42.0	84	63-132
67-66-3	Chloroform	50	51.9	104	80-119
74-87-3	Chloromethane	50	41.5	83	46-136
95-49-8	o-Chlorotoluene	50	55.8	112	84-118
106-43-4	p-Chlorotoluene	50	52.4	105	83-116
96-12-8	1,2-Dibromo-3-chloropropane	50	55.8	112	72-127
124-48-1	Dibromochloromethane	50	53.2	106	80-123
106-93-4	1,2-Dibromoethane	50	50.0	100	84-117
95-50-1	1,2-Dichlorobenzene	50	53.0	106	84-119
541-73-1	1,3-Dichlorobenzene	50	51.8	104	81-117
106-46-7	1,4-Dichlorobenzene	50	51.2	102	82-117
75-71-8	Dichlorodifluoromethane	50	40.4	81	36-149
75-34-3	1,1-Dichloroethane	50	52.9	106	79-120
107-06-2	1,2-Dichloroethane	50	49.0	98	78-126
75-35-4	1,1-Dichloroethene	50	55.4	111	69-126
156-59-2	cis-1,2-Dichloroethene	50	52.6	105	80-120
156-60-5	trans-1,2-Dichloroethene	50	53.7	107	76-120
78-87-5	1,2-Dichloropropane	50	51.8	104	82-121
142-28-9	1,3-Dichloropropane	50	49.5	99	83-115
594-20-7	2,2-Dichloropropane	50	56.8	114	65-133
563-58-6	1,1-Dichloropropene	50	50.9	102	80-121
10061-01-5	cis-1,3-Dichloropropene	50	51.3	103	83-120

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B3376-BS	4B81438.D	1	04/30/18	HT	n/a	n/a	V4B3376

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC64988-1, JC64988-2, JC64988-3, JC64988-4, JC64988-5, JC64988-6, JC64988-7, JC64988-8, JC64988-9, JC64988-11, JC64988-12, JC64988-13, JC64988-14

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	50	52.0	104	82-121
100-41-4	Ethylbenzene	50	52.4	105	80-120
87-68-3	Hexachlorobutadiene	50	61.3	123	75-129
591-78-6	2-Hexanone	200	205	103	65-132
74-88-4	Iodomethane	50	54.7	109	72-128
98-82-8	Isopropylbenzene	50	57.7	115	83-120
99-87-6	p-Isopropyltoluene	50	60.8	122	83-122
1634-04-4	Methyl Tert Butyl Ether	50	52.0	104	80-119
108-10-1	4-Methyl-2-pentanone(MIBK)	200	210	105	71-131
74-95-3	Methylene bromide	50	51.5	103	85-120
75-09-2	Methylene chloride	50	53.5	107	77-120
91-20-3	Naphthalene	50	58.9	118	73-131
103-65-1	n-Propylbenzene	50	56.0	112	82-119
100-42-5	Styrene	50	54.1	108	82-122
630-20-6	1,1,1,2-Tetrachloroethane	50	55.7	111	82-121
79-34-5	1,1,2,2-Tetrachloroethane	50	53.2	106	76-119
127-18-4	Tetrachloroethene	50	53.7	107	70-131
108-88-3	Toluene	50	51.5	103	80-120
87-61-6	1,2,3-Trichlorobenzene	50	64.9	130	76-134
120-82-1	1,2,4-Trichlorobenzene	50	61.9	124	79-132
71-55-6	1,1,1-Trichloroethane	50	57.3	115	81-128
79-00-5	1,1,2-Trichloroethane	50	50.9	102	83-118
79-01-6	Trichloroethene	50	52.4	105	80-120
75-69-4	Trichlorofluoromethane	50	47.2	94	64-136
96-18-4	1,2,3-Trichloropropane	50	52.0	104	79-120
95-63-6	1,2,4-Trimethylbenzene	50	57.8	116	84-120
108-67-8	1,3,5-Trimethylbenzene	50	57.9	116	83-119
108-05-4	Vinyl Acetate	50	44.6	89	76-132
75-01-4	Vinyl chloride	50	44.0	88	51-135
	m,p-Xylene	100	105	105	80-120
95-47-6	o-Xylene	50	54.8	110	80-120
1330-20-7	Xylene (total)	150	160	107	80-120

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B3376-BS	4B81438.D	1	04/30/18	HT	n/a	n/a	V4B3376

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC64988-1, JC64988-2, JC64988-3, JC64988-4, JC64988-5, JC64988-6, JC64988-7, JC64988-8, JC64988-9, JC64988-11, JC64988-12, JC64988-13, JC64988-14

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	80-120%
17060-07-0	1,2-Dichloroethane-D4	98%	81-124%
2037-26-5	Toluene-D8	99%	80-120%
460-00-4	4-Bromofluorobenzene	101%	80-120%

(a) High percent recoveries and no associated positive found in the QC batch.

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B7139-BS	2B160169.D	1	04/30/18	JTP	n/a	n/a	V2B7139
V2B7139-BSD	2B160170.D	1	04/30/18	JTP	n/a	n/a	V2B7139

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC64988-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	200	196	98	197	99	1	42-150/22
71-43-2	Benzene	50	47.5	95	49.0	98	3	80-120/20
108-86-1	Bromobenzene	50	50.3	101	52.1	104	4	82-118/20
74-97-5	Bromochloromethane	50	53.1	106	55.6	111	5	84-121/20
75-27-4	Bromodichloromethane	50	48.1	96	50.0	100	4	83-120/20
75-25-2	Bromoform	50	52.7	105	54.4	109	3	76-129/20
74-83-9	Bromomethane	50	52.9	106	54.7	109	3	57-138/20
78-93-3	2-Butanone (MEK)	200	200	100	204	102	2	64-137/20
104-51-8	n-Butylbenzene	50	54.3	109	56.3	113	4	81-123/20
135-98-8	sec-Butylbenzene	50	50.9	102	53.0	106	4	84-121/20
98-06-6	tert-Butylbenzene	50	51.5	103	54.2	108	5	83-122/20
75-15-0	Carbon disulfide	50	53.1	106	55.7	111	5	64-137/20
56-23-5	Carbon tetrachloride	50	49.8	100	51.9	104	4	75-135/20
108-90-7	Chlorobenzene	50	47.3	95	49.2	98	4	84-117/20
75-00-3	Chloroethane	50	52.4	105	53.5	107	2	63-132/20
67-66-3	Chloroform	50	47.4	95	49.8	100	5	80-119/20
74-87-3	Chloromethane	50	48.9	98	49.4	99	1	46-136/20
95-49-8	o-Chlorotoluene	50	50.6	101	52.7	105	4	84-118/20
106-43-4	p-Chlorotoluene	50	47.7	95	49.8	100	4	83-116/20
96-12-8	1,2-Dibromo-3-chloropropane	50	54.5	109	56.0	112	3	72-127/20
124-48-1	Dibromochloromethane	50	50.6	101	52.7	105	4	80-123/20
106-93-4	1,2-Dibromoethane	50	49.9	100	51.6	103	3	84-117/20
95-50-1	1,2-Dichlorobenzene	50	50.3	101	52.4	105	4	84-119/20
541-73-1	1,3-Dichlorobenzene	50	48.4	97	50.3	101	4	81-117/20
106-46-7	1,4-Dichlorobenzene	50	49.4	99	51.4	103	4	82-117/20
75-71-8	Dichlorodifluoromethane	50	55.3	111	55.5	111	0	36-149/20
75-34-3	1,1-Dichloroethane	50	49.0	98	51.5	103	5	79-120/20
107-06-2	1,2-Dichloroethane	50	43.2	86	44.9	90	4	78-126/20
75-35-4	1,1-Dichloroethene	50	49.4	99	52.5	105	6	69-126/20
156-59-2	cis-1,2-Dichloroethene	50	50.3	101	53.0	106	5	80-120/20
156-60-5	trans-1,2-Dichloroethene	50	50.4	101	53.2	106	5	76-120/20
78-87-5	1,2-Dichloropropane	50	47.6	95	49.0	98	3	82-121/20
142-28-9	1,3-Dichloropropane	50	47.4	95	49.0	98	3	83-115/20
594-20-7	2,2-Dichloropropane	50	49.8	100	51.1	102	3	65-133/20
563-58-6	1,1-Dichloropropene	50	48.7	97	50.6	101	4	80-121/20
10061-01-5	cis-1,3-Dichloropropene	50	49.0	98	50.4	101	3	83-120/20

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B7139-BS	2B160169.D	1	04/30/18	JTP	n/a	n/a	V2B7139
V2B7139-BSD	2B160170.D	1	04/30/18	JTP	n/a	n/a	V2B7139

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC64988-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	50	47.7	95	49.1	98	3	82-121/20
100-41-4	Ethylbenzene	50	45.5	91	47.2	94	4	80-120/20
87-68-3	Hexachlorobutadiene	50	56.3	113	58.5	117	4	75-129/20
591-78-6	2-Hexanone	200	176	88	179	90	2	65-132/20
74-88-4	Iodomethane	50	54.1	108	57.3	115	6	72-128/20
98-82-8	Isopropylbenzene	50	46.8	94	48.7	97	4	83-120/20
99-87-6	p-Isopropyltoluene	50	50.6	101	52.9	106	4	83-122/20
1634-04-4	Methyl Tert Butyl Ether	50	47.8	96	49.7	99	4	80-119/20
108-10-1	4-Methyl-2-pentanone(MIBK)	200	179	90	183	92	2	71-131/20
74-95-3	Methylene bromide	50	49.2	98	50.6	101	3	85-120/20
75-09-2	Methylene chloride	50	51.0	102	54.3	109	6	77-120/20
91-20-3	Naphthalene	50	55.2	110	56.4	113	2	73-131/20
103-65-1	n-Propylbenzene	50	48.3	97	50.3	101	4	82-119/20
100-42-5	Styrene	50	46.3	93	47.8	96	3	82-122/20
630-20-6	1,1,1,2-Tetrachloroethane	50	48.8	98	51.0	102	4	82-121/20
79-34-5	1,1,2,2-Tetrachloroethane	50	50.0	100	51.3	103	3	76-119/20
127-18-4	Tetrachloroethene	50	46.3	93	48.0	96	4	70-131/20
108-88-3	Toluene	50	47.1	94	48.8	98	4	80-120/20
87-61-6	1,2,3-Trichlorobenzene	50	58.1	116	59.7	119	3	76-134/20
120-82-1	1,2,4-Trichlorobenzene	50	57.9	116	60.7	121	5	79-132/20
71-55-6	1,1,1-Trichloroethane	50	48.7	97	51.0	102	5	81-128/20
79-00-5	1,1,2-Trichloroethane	50	47.3	95	49.4	99	4	83-118/20
79-01-6	Trichloroethene	50	50.6	101	52.1	104	3	80-120/20
75-69-4	Trichlorofluoromethane	50	53.0	106	54.8	110	3	64-136/20
96-18-4	1,2,3-Trichloropropane	50	51.0	102	52.8	106	3	79-120/20
95-63-6	1,2,4-Trimethylbenzene	50	48.3	97	50.4	101	4	84-120/20
108-67-8	1,3,5-Trimethylbenzene	50	48.0	96	50.1	100	4	83-119/20
108-05-4	Vinyl Acetate	50	52.4	105	54.0	108	3	76-132/20
75-01-4	Vinyl chloride	50	54.1	108	54.9	110	1	51-135/20
	m,p-Xylene	100	92.2	92	95.8	96	4	80-120/20
95-47-6	o-Xylene	50	47.0	94	49.0	98	4	80-120/20
1330-20-7	Xylene (total)	150	139	93	145	97	4	80-120/20

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B7139-BS	2B160169.D	1	04/30/18	JTP	n/a	n/a	V2B7139
V2B7139-BSD	2B160170.D	1	04/30/18	JTP	n/a	n/a	V2B7139

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC64988-10

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	102%	104%	80-120%
17060-07-0	1,2-Dichloroethane-D4	91%	90%	81-124%
2037-26-5	Toluene-D8	97%	97%	80-120%
460-00-4	4-Bromofluorobenzene	103%	102%	80-120%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC64988-2MS	4B81448.D	1	04/30/18	HT	n/a	n/a	V4B3376
JC64988-2MSD	4B81449.D	1	04/30/18	HT	n/a	n/a	V4B3376
JC64988-2	4B81444.D	1	04/30/18	HT	n/a	n/a	V4B3376

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC64988-1, JC64988-2, JC64988-3, JC64988-4, JC64988-5, JC64988-6, JC64988-7, JC64988-8, JC64988-9, JC64988-11, JC64988-12, JC64988-13, JC64988-14

CAS No.	Compound	JC64988-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		200	172	86	200	165	83	4	34-149/17
71-43-2	Benzene	ND		50	48.0	96	50	46.0	92	4	54-136/10
108-86-1	Bromobenzene	ND		50	50.4	101	50	50.5	101	0	78-122/11
74-97-5	Bromochloromethane	ND		50	49.3	99	50	47.8	96	3	79-124/11
75-27-4	Bromodichloromethane	ND		50	47.8	96	50	46.1	92	4	79-124/11
75-25-2	Bromoform	ND		50	48.3	97	50	48.3	97	0	71-130/11
74-83-9	Bromomethane	ND		50	41.5	83	50	41.0	82	1	53-142/14
78-93-3	2-Butanone (MEK)	ND		200	190	95	200	177	89	7	54-142/15
104-51-8	n-Butylbenzene	ND		50	52.3	105	50	52.8	106	1	73-133/12
135-98-8	sec-Butylbenzene	ND		50	54.2	108	50	54.7	109	1	76-132/12
98-06-6	tert-Butylbenzene	ND		50	53.8	108	50	54.4	109	1	76-131/12
75-15-0	Carbon disulfide	ND		50	49.6	99	50	47.1	94	5	59-145/17
56-23-5	Carbon tetrachloride	ND		50	50.4	101	50	48.6	97	4	70-143/12
108-90-7	Chlorobenzene	ND		50	48.1	96	50	47.4	95	1	78-123/10
75-00-3	Chloroethane	ND		50	40.8	82	50	39.8	80	2	57-141/14
67-66-3	Chloroform	ND		50	47.4	95	50	44.4	89	7	76-123/11
74-87-3	Chloromethane	ND		50	38.3	77	50	35.8	72	7	43-141/16
95-49-8	o-Chlorotoluene	ND		50	50.2	100	50	50.6	101	1	78-124/11
106-43-4	p-Chlorotoluene	ND		50	48.6	97	50	47.6	95	2	77-122/11
96-12-8	1,2-Dibromo-3-chloropropane	ND		50	50.4	101	50	51.0	102	1	66-130/13
124-48-1	Dibromochloromethane	ND		50	49.0	98	50	48.0	96	2	76-125/11
106-93-4	1,2-Dibromoethane	ND		50	48.3	97	50	47.2	94	2	78-119/11
95-50-1	1,2-Dichlorobenzene	ND		50	47.9	96	50	48.1	96	0	77-123/11
541-73-1	1,3-Dichlorobenzene	ND		50	48.1	96	50	48.0	96	0	76-122/11
106-46-7	1,4-Dichlorobenzene	ND		50	47.6	95	50	47.3	95	1	76-122/11
75-71-8	Dichlorodifluoromethane	ND		50	46.2	92	50	44.0	88	5	31-159/16
75-34-3	1,1-Dichloroethane	ND		50	46.1	92	50	43.3	87	6	73-126/11
107-06-2	1,2-Dichloroethane	ND		50	43.6	87	50	41.2	82	6	72-131/11
75-35-4	1,1-Dichloroethene	ND		50	48.0	96	50	46.1	92	4	63-136/14
156-59-2	cis-1,2-Dichloroethene	ND		50	48.7	97	50	46.6	93	4	60-136/11
156-60-5	trans-1,2-Dichloroethene	ND		50	46.6	93	50	43.5	87	7	70-126/11
78-87-5	1,2-Dichloropropane	ND		50	44.8	90	50	43.3	87	3	78-124/10
142-28-9	1,3-Dichloropropane	ND		50	45.6	91	50	44.2	88	3	78-118/11
594-20-7	2,2-Dichloropropane	ND		50	47.8	96	50	44.7	89	7	59-141/14
563-58-6	1,1-Dichloropropene	ND		50	50.4	101	50	46.6	93	8	75-130/11
10061-01-5	cis-1,3-Dichloropropene	ND		50	47.9	96	50	45.7	91	5	79-123/11

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC64988-2MS	4B81448.D	1	04/30/18	HT	n/a	n/a	V4B3376
JC64988-2MSD	4B81449.D	1	04/30/18	HT	n/a	n/a	V4B3376
JC64988-2	4B81444.D	1	04/30/18	HT	n/a	n/a	V4B3376

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC64988-1, JC64988-2, JC64988-3, JC64988-4, JC64988-5, JC64988-6, JC64988-7, JC64988-8, JC64988-9, JC64988-11, JC64988-12, JC64988-13, JC64988-14

CAS No.	Compound	JC64988-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	ND		50	47.3	95	50	45.7	91	3	77-123/11
100-41-4	Ethylbenzene	ND		50	48.4	97	50	47.4	95	2	51-140/20
87-68-3	Hexachlorobutadiene	ND		50	52.1	104	50	53.2	106	2	64-141/14
591-78-6	2-Hexanone	ND		200	182	91	200	178	89	2	56-139/14
74-88-4	Iodomethane	ND		50	49.6	99	50	49.0	98	1	67-132/14
98-82-8	Isopropylbenzene	ND		50	51.1	102	50	51.2	102	0	75-129/11
99-87-6	p-Isopropyltoluene	ND		50	53.4	107	50	53.7	107	1	76-131/12
1634-04-4	Methyl Tert Butyl Ether	ND		50	44.4	89	50	42.4	85	5	72-123/11
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		200	177	89	200	173	87	2	66-136/13
74-95-3	Methylene bromide	ND		50	47.9	96	50	46.2	92	4	81-121/11
75-09-2	Methylene chloride	ND		50	46.6	93	50	44.3	89	5	73-125/13
91-20-3	Naphthalene	ND		50	50.6	101	50	52.0	104	3	62-141/13
103-65-1	n-Propylbenzene	ND		50	50.2	100	50	50.1	100	0	68-133/11
100-42-5	Styrene	ND		50	46.9	94	50	46.9	94	0	75-129/11
630-20-6	1,1,1,2-Tetrachloroethane	ND		50	48.5	97	50	48.5	97	0	77-124/11
79-34-5	1,1,2,2-Tetrachloroethane	ND		50	46.5	93	50	46.5	93	0	71-122/11
127-18-4	Tetrachloroethene	ND		50	53.7	107	50	53.1	106	1	61-139/11
108-88-3	Toluene	ND		50	49.9	100	50	47.9	96	4	60-135/10
87-61-6	1,2,3-Trichlorobenzene	ND		50	53.5	107	50	54.8	110	2	70-138/13
120-82-1	1,2,4-Trichlorobenzene	ND		50	52.5	105	50	54.0	108	3	72-137/13
71-55-6	1,1,1-Trichloroethane	ND		50	50.2	100	50	48.0	96	4	74-138/12
79-00-5	1,1,2-Trichloroethane	ND		50	47.3	95	50	46.9	94	1	78-121/11
79-01-6	Trichloroethene	ND		50	50.5	101	50	49.7	99	2	62-141/10
75-69-4	Trichlorofluoromethane	ND		50	46.3	93	50	45.3	91	2	57-149/14
96-18-4	1,2,3-Trichloropropane	ND		50	45.8	92	50	46.2	92	1	74-122/11
95-63-6	1,2,4-Trimethylbenzene	ND		50	49.8	100	50	50.4	101	1	54-143/10
108-67-8	1,3,5-Trimethylbenzene	ND		50	49.9	100	50	50.4	101	1	67-133/11
108-05-4	Vinyl Acetate	ND		50	37.8	76	50	36.1	72	5	63-135/16
75-01-4	Vinyl chloride	ND		50	43.4	87	50	41.4	83	5	43-146/15
	m,p-Xylene	ND		100	97.8	98	100	96.5	97	1	50-144/20
95-47-6	o-Xylene	ND		50	48.5	97	50	47.7	95	2	63-134/10
1330-20-7	Xylene (total)	ND		150	146	97	150	144	96	1	56-139/20

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC64988-2MS	4B81448.D	1	04/30/18	HT	n/a	n/a	V4B3376
JC64988-2MSD	4B81449.D	1	04/30/18	HT	n/a	n/a	V4B3376
JC64988-2	4B81444.D	1	04/30/18	HT	n/a	n/a	V4B3376

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC64988-1, JC64988-2, JC64988-3, JC64988-4, JC64988-5, JC64988-6, JC64988-7, JC64988-8, JC64988-9, JC64988-11, JC64988-12, JC64988-13, JC64988-14

CAS No.	Surrogate Recoveries	MS	MSD	JC64988-2	Limits
1868-53-7	Dibromofluoromethane	100%	96%	98%	80-120%
17060-07-0	1,2-Dichloroethane-D4	93%	89%	96%	81-124%
2037-26-5	Toluene-D8	99%	97%	96%	80-120%
460-00-4	4-Bromofluorobenzene	99%	101%	96%	80-120%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC65154-3MS	2B160182.D	10	05/01/18	JTP	n/a	n/a	V2B7139
JC65154-3MSD	2B160183.D	10	05/01/18	JTP	n/a	n/a	V2B7139
JC65154-3	2B160181.D	10	05/01/18	JTP	n/a	n/a	V2B7139

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC64988-10

CAS No.	Compound	JC65154-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		2000	1670	84	2000	1670	84	0	34-149/17
71-43-2	Benzene	ND		500	396	79	500	394	79	1	54-136/10
108-86-1	Bromobenzene	ND		500	523	105	500	516	103	1	78-122/11
74-97-5	Bromochloromethane	ND		500	455	91	500	458	92	1	79-124/11
75-27-4	Bromodichloromethane	ND		500	487	97	500	485	97	0	79-124/11
75-25-2	Bromoform	ND		500	536	107	500	537	107	0	71-130/11
74-83-9	Bromomethane	ND		500	467	93	500	479	96	3	53-142/14
78-93-3	2-Butanone (MEK)	ND		2000	2000	100	2000	1960	98	2	54-142/15
104-51-8	n-Butylbenzene	ND		500	553	111	500	562	112	2	73-133/12
135-98-8	sec-Butylbenzene	ND		500	527	105	500	529	106	0	76-132/12
98-06-6	tert-Butylbenzene	ND		500	535	107	500	537	107	0	76-131/12
75-15-0	Carbon disulfide	ND		500	232	46* [a]	500	237	47* [a]	2	59-145/17
56-23-5	Carbon tetrachloride	ND		500	408	82	500	408	82	0	70-143/12
108-90-7	Chlorobenzene	ND		500	489	98	500	488	98	0	78-123/10
75-00-3	Chloroethane	ND		500	480	96	500	491	98	2	57-141/14
67-66-3	Chloroform	ND		500	443	89	500	449	90	1	76-123/11
74-87-3	Chloromethane	ND		500	411	82	500	419	84	2	43-141/16
95-49-8	o-Chlorotoluene	ND		500	525	105	500	527	105	0	78-124/11
106-43-4	p-Chlorotoluene	ND		500	500	100	500	499	100	0	77-122/11
96-12-8	1,2-Dibromo-3-chloropropane	ND		500	558	112	500	564	113	1	66-130/13
124-48-1	Dibromochloromethane	ND		500	524	105	500	522	104	0	76-125/11
106-93-4	1,2-Dibromoethane	ND		500	514	103	500	510	102	1	78-119/11
95-50-1	1,2-Dichlorobenzene	ND		500	525	105	500	527	105	0	77-123/11
541-73-1	1,3-Dichlorobenzene	ND		500	500	100	500	503	101	1	76-122/11
106-46-7	1,4-Dichlorobenzene	ND		500	513	103	500	511	102	0	76-122/11
75-71-8	Dichlorodifluoromethane	ND		500	409	82	500	413	83	1	31-159/16
75-34-3	1,1-Dichloroethane	ND		500	397	79	500	401	80	1	73-126/11
107-06-2	1,2-Dichloroethane	ND		500	396	79	500	394	79	1	72-131/11
75-35-4	1,1-Dichloroethene	ND		500	273	55* [a]	500	276	55* [a]	1	63-136/14
156-59-2	cis-1,2-Dichloroethene	1120		500	1410	58* [b]	500	1410	58* [b]	0	60-136/11
156-60-5	trans-1,2-Dichloroethene	15.5		500	368	71	500	372	71	1	70-126/11
78-87-5	1,2-Dichloropropane	ND		500	450	90	500	452	90	0	78-124/10
142-28-9	1,3-Dichloropropane	ND		500	495	99	500	494	99	0	78-118/11
594-20-7	2,2-Dichloropropane	ND		500	347	69	500	349	70	1	59-141/14
563-58-6	1,1-Dichloropropene	ND		500	391	78	500	391	78	0	75-130/11
10061-01-5	cis-1,3-Dichloropropene	ND		500	492	98	500	491	98	0	79-123/11

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC65154-3MS	2B160182.D	10	05/01/18	JTP	n/a	n/a	V2B7139
JC65154-3MSD	2B160183.D	10	05/01/18	JTP	n/a	n/a	V2B7139
JC65154-3	2B160181.D	10	05/01/18	JTP	n/a	n/a	V2B7139

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC64988-10

CAS No.	Compound	JC65154-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	ND		500	481	96	500	478	96	1	77-123/11
100-41-4	Ethylbenzene	ND		500	467	93	500	468	94	0	51-140/20
87-68-3	Hexachlorobutadiene	ND		500	569	114	500	577	115	1	64-141/14
591-78-6	2-Hexanone	ND		2000	1830	92	2000	1820	91	1	56-139/14
74-88-4	Iodomethane	ND		500	290	58* [a]	500	293	59* [a]	1	67-132/14
98-82-8	Isopropylbenzene	ND		500	479	96	500	483	97	1	75-129/11
99-87-6	p-Isopropyltoluene	ND		500	522	104	500	525	105	1	76-131/12
1634-04-4	Methyl Tert Butyl Ether	ND		500	377	75	500	384	77	2	72-123/11
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		2000	1900	95	2000	1880	94	1	66-136/13
74-95-3	Methylene bromide	ND		500	476	95	500	472	94	1	81-121/11
75-09-2	Methylene chloride	ND		500	375	75	500	385	77	3	73-125/13
91-20-3	Naphthalene	ND		500	577	115	500	580	116	1	62-141/13
103-65-1	n-Propylbenzene	ND		500	503	101	500	501	100	0	68-133/11
100-42-5	Styrene	ND		500	479	96	500	481	96	0	75-129/11
630-20-6	1,1,1,2-Tetrachloroethane	ND		500	509	102	500	512	102	1	77-124/11
79-34-5	1,1,2,2-Tetrachloroethane	ND		500	534	107	500	526	105	2	71-122/11
127-18-4	Tetrachloroethene	ND		500	437	87	500	437	87	0	61-139/11
108-88-3	Toluene	6.4		500	461	91	500	462	91	0	60-135/10
87-61-6	1,2,3-Trichlorobenzene	ND		500	609	122	500	613	123	1	70-138/13
120-82-1	1,2,4-Trichlorobenzene	ND		500	607	121	500	620	124	2	72-137/13
71-55-6	1,1,1-Trichloroethane	ND		500	403	81	500	406	81	1	74-138/12
79-00-5	1,1,2-Trichloroethane	ND		500	502	100	500	500	100	0	78-121/11
79-01-6	Trichloroethene	1200		500	1580	76	500	1570	74	1	62-141/10
75-69-4	Trichlorofluoromethane	ND		500	486	97	500	488	98	0	57-149/14
96-18-4	1,2,3-Trichloropropane	ND		500	529	106	500	530	106	0	74-122/11
95-63-6	1,2,4-Trimethylbenzene	ND		500	501	100	500	503	101	0	54-143/10
108-67-8	1,3,5-Trimethylbenzene	ND		500	499	100	500	499	100	0	67-133/11
108-05-4	Vinyl Acetate	ND		500	401	80	500	385	77	4	63-135/16
75-01-4	Vinyl chloride	11.0		500	480	94	500	490	96	2	43-146/15
	m,p-Xylene	ND		1000	943	94	1000	939	94	0	50-144/20
95-47-6	o-Xylene	ND		500	483	97	500	485	97	0	63-134/10
1330-20-7	Xylene (total)	ND		1500	1430	95	1500	1420	95	1	56-139/20

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC65154-3MS	2B160182.D	10	05/01/18	JTP	n/a	n/a	V2B7139
JC65154-3MSD	2B160183.D	10	05/01/18	JTP	n/a	n/a	V2B7139
JC65154-3	2B160181.D	10	05/01/18	JTP	n/a	n/a	V2B7139

The QC reported here applies to the following samples: **Method:** SW846 8260C

JC64988-10

CAS No.	Surrogate Recoveries	MS	MSD	JC65154-3	Limits
1868-53-7	Dibromofluoromethane	105%	106%	106%	80-120%
17060-07-0	1,2-Dichloroethane-D4	91%	92%	94%	81-124%
2037-26-5	Toluene-D8	97%	98%	96%	80-120%
460-00-4	4-Bromofluorobenzene	102%	102%	100%	80-120%

(a) Outside control limits due to matrix interference.
(b) Outside control limits due to high level in sample relative to spike amount.

* = Outside of Control Limits.

Instrument Performance Check (BFB)

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample:	V2B7119-BFB	**Injection Date:**	04/16/18
Lab File ID:	2B159788.D	**Injection Time:**	16:23
Instrument ID:	GCMS2B		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	14.99 - 40.0% of mass 95	15923	19.1		Pass
75	30.0 - 60.0% of mass 95	40069	48.1		Pass
95	Base peak, 100% relative abundance	83314	100.0		Pass
96	5.0 - 9.0% of mass 95	5375	6.45		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	82794	99.4		Pass
175	5.0 - 9.0% of mass 174	6307	7.57	(7.62) [a]	Pass
176	95.0 - 101.0% of mass 174	81144	97.4	(98.0) [a]	Pass
177	5.0 - 9.0% of mass 176	5380	6.46	(6.63) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2B7119-IC7119	2B159789.D	04/16/18	16:59	00:36	Initial cal 0.5
V2B7119-IC7119	2B159790.D	04/16/18	17:29	01:06	Initial cal 1
V2B7119-IC7119	2B159791.D	04/16/18	17:59	01:36	Initial cal 2
V2B7119-IC7119	2B159792.D	04/16/18	18:29	02:06	Initial cal 5
V2B7119-IC7119	2B159793.D	04/16/18	18:59	02:36	Initial cal 10
V2B7119-IC7119	2B159794.D	04/16/18	19:29	03:06	Initial cal 20
V2B7119-ICC7119	2B159795.D	04/16/18	19:59	03:36	Initial cal 50
V2B7119-IC7119	2B159796.D	04/16/18	20:29	04:06	Initial cal 100
V2B7119-IC7119	2B159797.D	04/16/18	20:59	04:36	Initial cal 200
V2B7119-ICV7119	2B159800.D	04/16/18	22:29	06:06	Initial cal verification 50
V2B7119-ICV7119	2B159801.D	04/16/18	22:59	06:36	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample:	V2B7119-BFB2	**Injection Date:**	04/17/18
Lab File ID:	2B159804.D	**Injection Time:**	08:07
Instrument ID:	GCMS2B		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	14.99 - 40.0% of mass 95	15038	18.0		Pass
75	30.0 - 60.0% of mass 95	39826	47.7		Pass
95	Base peak, 100% relative abundance	83509	100.0		Pass
96	5.0 - 9.0% of mass 95	5384	6.45		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	84722	101.5		Pass
175	5.0 - 9.0% of mass 174	6226	7.46	(7.35) [a]	Pass
176	95.0 - 101.0% of mass 174	82720	99.1	(97.6) [a]	Pass
177	5.0 - 9.0% of mass 176	5365	6.42	(6.49) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2B7119-ICV7119	2B159805.D	04/17/18	09:01	00:54	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample:	V2B7139-BFB	**Injection Date:**	04/30/18
Lab File ID:	2B160168.D	**Injection Time:**	17:44
Instrument ID:	GCMS2B		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	14.99 - 40.0% of mass 95	16383	16.6		Pass
75	30.0 - 60.0% of mass 95	45523	46.0		Pass
95	Base peak, 100% relative abundance	98957	100.0		Pass
96	5.0 - 9.0% of mass 95	6655	6.73		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	95952	97.0		Pass
175	5.0 - 9.0% of mass 174	7159	7.23	(7.46) [a]	Pass
176	95.0 - 101.0% of mass 174	93883	94.9	(97.8) [a]	Pass
177	5.0 - 9.0% of mass 176	6038	6.10	(6.43) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2B7139-CC7119	2B160168.D	04/30/18	17:44	00:00	Continuing cal 50
V2B7139-BS	2B160169.D	04/30/18	18:24	00:40	Blank Spike
V2B7139-BSD	2B160170.D	04/30/18	18:54	01:10	Blank Spike Duplicate
V2B7139-MB	2B160172.D	04/30/18	19:55	02:11	Method Blank
ZZZZZZ	2B160173.D	04/30/18	20:26	02:42	(unrelated sample)
ZZZZZZ	2B160174.D	04/30/18	20:56	03:12	(unrelated sample)
ZZZZZZ	2B160175.D	04/30/18	21:27	03:43	(unrelated sample)
ZZZZZZ	2B160176.D	04/30/18	21:57	04:13	(unrelated sample)
ZZZZZZ	2B160177.D	04/30/18	22:28	04:44	(unrelated sample)
ZZZZZZ	2B160178.D	04/30/18	22:58	05:14	(unrelated sample)
ZZZZZZ	2B160179.D	04/30/18	23:29	05:45	(unrelated sample)
ZZZZZZ	2B160180.D	04/30/18	23:59	06:15	(unrelated sample)
JC65154-3	2B160181.D	05/01/18	00:29	06:45	(used for QC only; not part of job JC64988)
JC65154-3MS	2B160182.D	05/01/18	01:00	07:16	Matrix Spike
JC65154-3MSD	2B160183.D	05/01/18	01:30	07:46	Matrix Spike Duplicate
ZZZZZZ	2B160185.D	05/01/18	02:31	08:47	(unrelated sample)
ZZZZZZ	2B160186.D	05/01/18	03:01	09:17	(unrelated sample)
ZZZZZZ	2B160187.D	05/01/18	03:32	09:48	(unrelated sample)
ZZZZZZ	2B160188.D	05/01/18	04:02	10:18	(unrelated sample)
ZZZZZZ	2B160189.D	05/01/18	04:32	10:48	(unrelated sample)
JC64988-10	2B160190.D	05/01/18	05:02	11:18	MW-119
V2B7140-MB	2B160199.D	05/01/18	12:06	18:22	Method Blank
JC65140-12	2B160200.D	05/01/18	12:36	18:52	(used for QC only; not part of job JC64988)
ZZZZZZ	2B160201.D	05/01/18	13:06	19:22	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample:	V2B7139-BFB	**Injection Date:**	04/30/18
Lab File ID:	2B160168.D	**Injection Time:**	17:44
Instrument ID:	GCMS2B		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	2B160202.D	05/01/18	13:36	19:52	(unrelated sample)
ZZZZZZ	2B160203.D	05/01/18	14:07	20:23	(unrelated sample)
ZZZZZZ	2B160204.D	05/01/18	14:37	20:53	(unrelated sample)
JC65140-12MS	2B160205.D	05/01/18	15:07	21:23	Matrix Spike
JC65140-12MSD	2B160206.D	05/01/18	15:38	21:54	Matrix Spike Duplicate
ZZZZZZ	2B160208.D	05/01/18	16:39	22:55	(unrelated sample)
ZZZZZZ	2B160210.D	05/01/18	17:40	23:56	(unrelated sample)
ZZZZZZ	2B160211.D	05/01/18	18:10	24:26	(unrelated sample)
ZZZZZZ	2B160212.D	05/01/18	18:40	24:56	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample:	V4B3370-BFB	**Injection Date:**	04/25/18
Lab File ID:	4B81321.D	**Injection Time:**	15:08
Instrument ID:	GCMS4B		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	16281	17.9		Pass
75	30.0 - 60.0% of mass 95	41533	45.8		Pass
95	Base peak, 100% relative abundance	90725	100.0		Pass
96	5.0 - 9.0% of mass 95	6121	6.75		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 150.0% of mass 95	86293	95.1		Pass
175	5.0 - 9.0% of mass 174	6714	7.40	(7.78) [a]	Pass
176	95.0 - 101.0% of mass 174	84002	92.6	(97.3) [a]	Pass
177	5.0 - 9.0% of mass 176	5433	5.99	(6.47) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V4B3370-IC3370	4B81323.D	04/25/18	16:54	01:46	Initial cal 0.5
V4B3370-IC3370	4B81324.D	04/25/18	17:22	02:14	Initial cal 1
V4B3370-IC3370	4B81325.D	04/25/18	17:50	02:42	Initial cal 2
V4B3370-IC3370	4B81326.D	04/25/18	18:18	03:10	Initial cal 5
V4B3370-IC3370	4B81327.D	04/25/18	18:46	03:38	Initial cal 10
V4B3370-IC3370	4B81328.D	04/25/18	19:14	04:06	Initial cal 20
V4B3370-ICC3370	4B81329.D	04/25/18	19:42	04:34	Initial cal 50
V4B3370-IC3370	4B81330.D	04/25/18	20:10	05:02	Initial cal 100
V4B3370-IC3370	4B81331.D	04/25/18	20:38	05:30	Initial cal 200
V4B3370-ICV3370	4B81334.D	04/25/18	22:03	06:55	Initial cal verification 50
V4B3370-ICV3370	4B81335.D	04/25/18	22:31	07:23	Initial cal verification 50
ZZZZZZ	4B81337.D	04/25/18	23:27	08:19	(unrelated sample)
ZZZZZZ	4B81338.D	04/25/18	23:56	08:48	(unrelated sample)
ZZZZZZ	4B81339.D	04/26/18	00:24	09:16	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample:	V4B3373-BFB	**Injection Date:**	04/27/18
Lab File ID:	4B81366.D	**Injection Time:**	07:43
Instrument ID:	GCMS4B		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	15704	17.7		Pass
75	30.0 - 60.0% of mass 95	40840	45.9		Pass
95	Base peak, 100% relative abundance	88941	100.0		Pass
96	5.0 - 9.0% of mass 95	5884	6.62		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 150.0% of mass 95	86789	97.6		Pass
175	5.0 - 9.0% of mass 174	6719	7.55	(7.74) [a]	Pass
176	95.0 - 101.0% of mass 174	83581	94.0	(96.3) [a]	Pass
177	5.0 - 9.0% of mass 176	5521	6.21	(6.61) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V4B3373-CC3370	4B81366.D	04/27/18	07:43	00:00	Continuing cal 20
V4B3373-BS	4B81367.D	04/27/18	08:50	01:07	Blank Spike
V4B3373-MB	4B81369.D	04/27/18	09:46	02:03	Method Blank
ZZZZZZ	4B81370.D	04/27/18	10:41	02:58	(unrelated sample)
JC64988-2	4B81372.D	04/27/18	11:37	03:54	MOSF-2
JC64988-2MS	4B81377.D	04/27/18	13:58	06:15	Matrix Spike
JC64988-2MSD	4B81378.D	04/27/18	14:26	06:43	Matrix Spike Duplicate

Instrument Performance Check (BFB)

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample:	V4B3376-BFB	**Injection Date:**	04/30/18
Lab File ID:	4B81437.D	**Injection Time:**	08:32
Instrument ID:	GCMS4B		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	12923	18.0		Pass
75	30.0 - 60.0% of mass 95	32432	45.2		Pass
95	Base peak, 100% relative abundance	71808	100.0		Pass
96	5.0 - 9.0% of mass 95	4669	6.50		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 150.0% of mass 95	74280	103.4		Pass
175	5.0 - 9.0% of mass 174	5489	7.64	(7.39) [a]	Pass
176	95.0 - 101.0% of mass 174	72544	101.0	(97.7) [a]	Pass
177	5.0 - 9.0% of mass 176	4813	6.70	(6.63) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V4B3376-CC3370	4B81437.D	04/30/18	08:32	00:00	Continuing cal 20
V4B3376-BS	4B81438.D	04/30/18	09:07	00:35	Blank Spike
V4B3374-BS3	4B81438A.D	04/30/18	09:07	00:35	Blank Spike
V4B3374-MB3	4B81440A.D	04/30/18	10:03	01:31	Method Blank
V4B3376-MB	4B81440.D	04/30/18	10:03	01:31	Method Blank
JC64995-7MS	4B81441.D	04/30/18	10:43	02:11	Matrix Spike
JC64988-1	4B81443.D	04/30/18	11:39	03:07	MOSF-1
JC64988-2	4B81444.D	04/30/18	12:07	03:35	MOSF-2
JC64988-3	4B81445.D	04/30/18	12:35	04:03	MOSF-3
JC64988-4	4B81446.D	04/30/18	13:03	04:31	MW-200
JC64988-5	4B81447.D	04/30/18	13:31	04:59	MW-202
JC64988-2MS	4B81448.D	04/30/18	13:59	05:27	Matrix Spike
JC64988-2MSD	4B81449.D	04/30/18	14:28	05:56	Matrix Spike Duplicate
JC64988-14	4B81451.D	04/30/18	15:23	06:51	TRIP BLANK
JC64988-6	4B81452.D	04/30/18	15:52	07:20	MW-203
JC64988-13	4B81453.D	04/30/18	16:20	07:48	DUP 1-042318
JC64988-12	4B81454.D	04/30/18	16:48	08:16	MW-121
JC64988-11	4B81455.D	04/30/18	17:16	08:44	MW-120
JC64988-7	4B81456.D	04/30/18	17:44	09:12	MOSF-8
JC64988-8	4B81457.D	04/30/18	18:12	09:40	MOSF-9
JC64988-9	4B81458.D	04/30/18	18:40	10:08	MW-118

Surrogate Recovery Summary

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Method: SW846 8260C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JC64988-1	4B81443.D	96	96	94	95
JC64988-2	4B81444.D	98	96	96	96
JC64988-2	4B81372.D				
JC64988-3	4B81445.D	97	97	96	97
JC64988-4	4B81446.D	97	98	96	96
JC64988-5	4B81447.D	101	100	94	98
JC64988-6	4B81452.D	100	97	95	96
JC64988-7	4B81456.D	102	102	94	98
JC64988-8	4B81457.D	103	104	96	98
JC64988-9	4B81458.D	103	105	96	99
JC64988-10	2B160190.D	108	97	96	98
JC64988-11	4B81455.D	102	102	96	97
JC64988-12	4B81454.D	99	101	96	98
JC64988-13	4B81453.D	99	98	96	96
JC64988-14	4B81451.D	98	94	95	96
JC64988-2MS	4B81448.D	100	93	99	99
JC64988-2MSD	4B81449.D	96	89	97	101
JC65154-3MS	2B160182.D	105	91	97	102
JC65154-3MSD	2B160183.D	106	92	98	102
V2B7139-BS	2B160169.D	102	91	97	103
V2B7139-BSD	2B160170.D	104	90	97	102
V2B7139-MB	2B160172.D	104	97	97	99
V4B3376-BS	4B81438.D	100	98	99	101
V4B3376-MB	4B81440.D	101	104	96	98

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	80-120%
S2 = 1,2-Dichloroethane-D4	81-124%
S3 = Toluene-D8	80-120%
S4 = 4-Bromofluorobenzene	80-120%

MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (DFTPP)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP11624-MB1	P122352.D	1	05/03/18	CC	04/28/18	OP11624	EP5492

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC64988-1, JC64988-2, JC64988-3, JC64988-4, JC64988-5, JC64988-6, JC64988-7, JC64988-8, JC64988-9, JC64988-10, JC64988-11, JC64988-12, JC64988-13

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	1.0	0.19	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.14	ug/l	
120-12-7	Anthracene	ND	1.0	0.21	ug/l	
92-87-5	Benzidine	ND	10	0.90	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.40	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.46	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.24	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.34	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.28	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.25	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.40	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.37	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.17	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.17	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	0.51	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.23	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.26	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.22	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	3.5	2.0	1.7	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	
86-73-7	Fluorene	ND	1.0	0.17	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.49	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.8	ug/l	

Method Blank Summary

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP11624-MB1	P122352.D	1	05/03/18	CC	04/28/18	OP11624	EP5492

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC64988-1, JC64988-2, JC64988-3, JC64988-4, JC64988-5, JC64988-6, JC64988-7, JC64988-8, JC64988-9, JC64988-10, JC64988-11, JC64988-12, JC64988-13

CAS No.	Compound	Result	RL	MDL	Units	Q
67-72-1	Hexachloroethane	ND	2.0	0.39	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
78-59-1	Isophorone	ND	2.0	0.28	ug/l	
91-20-3	Naphthalene	ND	1.0	0.23	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.64	ug/l	
62-75-9	n-Nitrosodimethylamine	ND	2.0	0.82	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.18	ug/l	
129-00-0	Pyrene	ND	1.0	0.22	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	52%	10-110%
4165-62-2	Phenol-d5	40%	10-110%
118-79-6	2,4,6-Tribromophenol	74%	36-151%
4165-60-0	Nitrobenzene-d5	82%	34-128%
321-60-8	2-Fluorobiphenyl	69%	38-119%
1718-51-0	Terphenyl-d14	56%	26-129%

Method Blank Summary

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP11624-MB1	6P472506.D	1	05/04/18	GS	04/28/18	OP11624	E6P2192

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC64988-1, JC64988-2, JC64988-3, JC64988-4, JC64988-5, JC64988-6, JC64988-7, JC64988-8, JC64988-9, JC64988-10, JC64988-11, JC64988-12, JC64988-13

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	1.0	0.19	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.14	ug/l	
120-12-7	Anthracene	ND	1.0	0.21	ug/l	
92-87-5	Benzidine	ND	10	0.90	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.40	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.46	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.24	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.34	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.28	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.25	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.40	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.37	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.17	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.17	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	0.51	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.23	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.26	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.22	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	4.5	2.0	1.7	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	
86-73-7	Fluorene	ND	1.0	0.17	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.49	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.8	ug/l	

Method Blank Summary

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP11624-MB1	6P472506.D	1	05/04/18	GS	04/28/18	OP11624	E6P2192

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC64988-1, JC64988-2, JC64988-3, JC64988-4, JC64988-5, JC64988-6, JC64988-7, JC64988-8, JC64988-9, JC64988-10, JC64988-11, JC64988-12, JC64988-13

CAS No.	Compound	Result	RL	MDL	Units	Q
67-72-1	Hexachloroethane	ND	2.0	0.39	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
78-59-1	Isophorone	ND	2.0	0.28	ug/l	
91-20-3	Naphthalene	ND	1.0	0.23	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.64	ug/l	
62-75-9	n-Nitrosodimethylamine	ND	2.0	0.82	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.18	ug/l	
129-00-0	Pyrene	ND	1.0	0.22	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	42%	10-110%
4165-62-2	Phenol-d5	29%	10-110%
118-79-6	2,4,6-Tribromophenol	60%	36-151%
4165-60-0	Nitrobenzene-d5	75%	34-128%
321-60-8	2-Fluorobiphenyl	70%	38-119%
1718-51-0	Terphenyl-d14	59%	26-129%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	unknown	13.13	42	ug/l	J
	Total TIC, Semi-Volatile		42	ug/l	J

Method Blank Summary

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP11624-MB1	F176197.D	1	05/04/18	CC	04/28/18	OP11624	EF7505

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC64988-1, JC64988-2, JC64988-3, JC64988-4, JC64988-5, JC64988-6, JC64988-7, JC64988-8, JC64988-9, JC64988-10, JC64988-11, JC64988-12, JC64988-13

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	1.0	0.19	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.14	ug/l	
120-12-7	Anthracene	ND	1.0	0.21	ug/l	
92-87-5	Benzidine	ND	10	0.90	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.40	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.46	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.24	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.34	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.28	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.25	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.40	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.37	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.17	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.17	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	0.51	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.23	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.26	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.22	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	3.0	2.0	1.7	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	
86-73-7	Fluorene	ND	1.0	0.17	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.49	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.8	ug/l	

Method Blank Summary

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP11624-MB1	F176197.D	1	05/04/18	CC	04/28/18	OP11624	EF7505

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC64988-1, JC64988-2, JC64988-3, JC64988-4, JC64988-5, JC64988-6, JC64988-7, JC64988-8, JC64988-9, JC64988-10, JC64988-11, JC64988-12, JC64988-13

CAS No.	Compound	Result	RL	MDL	Units	Q
67-72-1	Hexachloroethane	ND	2.0	0.39	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
78-59-1	Isophorone	ND	2.0	0.28	ug/l	
91-20-3	Naphthalene	ND	1.0	0.23	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.64	ug/l	
62-75-9	n-Nitrosodimethylamine	ND	2.0	0.82	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.18	ug/l	
129-00-0	Pyrene	ND	1.0	0.22	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	49%	10-110%
4165-62-2	Phenol-d5	30%	10-110%
118-79-6	2,4,6-Tribromophenol	95%	36-151%
4165-60-0	Nitrobenzene-d5	74%	34-128%
321-60-8	2-Fluorobiphenyl	71%	38-119%
1718-51-0	Terphenyl-d14	64%	26-129%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	2.56	49	ug/l	J
	unknown	15.08	34	ug/l	J
	Total TIC, Semi-Volatile		34	ug/l	J

Blank Spike Summary

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP11624-BS1	P122353.D	1	05/03/18	CC	04/28/18	OP11624	EP5492

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC64988-1, JC64988-2, JC64988-3, JC64988-4, JC64988-5, JC64988-6, JC64988-7, JC64988-8, JC64988-9, JC64988-10, JC64988-11, JC64988-12, JC64988-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
83-32-9	Acenaphthene	50	39.3	79	40-114
208-96-8	Acenaphthylene	50	36.2	72	40-109
120-12-7	Anthracene	50	41.3	83	50-113
92-87-5	Benzidine	100	34.0	34	10-110
56-55-3	Benzo(a)anthracene	50	41.1	82	55-110
50-32-8	Benzo(a)pyrene	50	46.0	92	52-112
205-99-2	Benzo(b)fluoranthene	50	42.6	85	53-114
191-24-2	Benzo(g,h,i)perylene	50	46.4	93	46-115
207-08-9	Benzo(k)fluoranthene	50	41.7	83	55-115
101-55-3	4-Bromophenyl phenyl ether	50	37.4	75	47-122
85-68-7	Butyl benzyl phthalate	50	47.8	96	50-124
91-58-7	2-Chloronaphthalene	50	35.1	70	33-112
106-47-8	4-Chloroaniline	50	26.2	52	17-87
218-01-9	Chrysene	50	38.1	76	52-107
111-91-1	bis(2-Chloroethoxy)methane	50	42.4	85	38-116
111-44-4	bis(2-Chloroethyl)ether	50	61.8	124* [a]	38-118
108-60-1	2,2'-Oxybis(1-chloropropane)	50	44.5	89	29-108
7005-72-3	4-Chlorophenyl phenyl ether	50	38.2	76	40-122
95-50-1	1,2-Dichlorobenzene	50	36.4	73	24-110
122-66-7	1,2-Diphenylhydrazine	50	46.4	93	40-131
541-73-1	1,3-Dichlorobenzene	50	33.0	66	20-110
106-46-7	1,4-Dichlorobenzene	50	36.0	72	21-110
121-14-2	2,4-Dinitrotoluene	50	42.9	86	54-129
606-20-2	2,6-Dinitrotoluene	50	45.1	90	53-131
91-94-1	3,3'-Dichlorobenzidine	100	68.0	68	28-91
53-70-3	Dibenzo(a,h)anthracene	50	42.0	84	51-117
84-74-2	Di-n-butyl phthalate	50	44.1	88	54-124
117-84-0	Di-n-octyl phthalate	50	51.8	104	41-137
84-66-2	Diethyl phthalate	50	41.9	84	49-122
131-11-3	Dimethyl phthalate	50	39.4	79	51-118
117-81-7	bis(2-Ethylhexyl)phthalate	50	48.5	97	47-128
206-44-0	Fluoranthene	50	41.2	82	54-118
86-73-7	Fluorene	50	39.0	78	45-116
118-74-1	Hexachlorobenzene	50	37.4	75	45-124
87-68-3	Hexachlorobutadiene	50	28.8	58	10-120
77-47-4	Hexachlorocyclopentadiene	100	68.8	69	10-110

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP11624-BS1	P122353.D	1	05/03/18	CC	04/28/18	OP11624	EP5492

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC64988-1, JC64988-2, JC64988-3, JC64988-4, JC64988-5, JC64988-6, JC64988-7, JC64988-8, JC64988-9, JC64988-10, JC64988-11, JC64988-12, JC64988-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-72-1	Hexachloroethane	50	30.2	60	11-110
193-39-5	Indeno(1,2,3-cd)pyrene	50	46.4	93	45-123
78-59-1	Isophorone	50	43.0	86	43-115
91-20-3	Naphthalene	50	31.8	64	29-110
98-95-3	Nitrobenzene	50	40.3	81	35-118
62-75-9	n-Nitrosodimethylamine	50	29.0	58	10-110
621-64-7	N-Nitroso-di-n-propylamine	50	49.0	98	38-116
86-30-6	N-Nitrosodiphenylamine	50	40.7	81	49-114
85-01-8	Phenanthrene	50	41.5	83	49-116
129-00-0	Pyrene	50	38.2	76	51-116
120-82-1	1,2,4-Trichlorobenzene	50	28.4	57	19-110

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	61%	10-110%
4165-62-2	Phenol-d5	42%	10-110%
118-79-6	2,4,6-Tribromophenol	83%	36-151%
4165-60-0	Nitrobenzene-d5	77%	34-128%
321-60-8	2-Fluorobiphenyl	69%	38-119%
1718-51-0	Terphenyl-d14	68%	26-129%

(a) High percent recoveries and no associated positive found in the QC batch.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP11624-MS	P122500.D	1	05/07/18	SB	04/28/18	OP11624	EP5498
OP11624-MSD	P122501.D	1	05/07/18	SB	04/28/18	OP11624	EP5498
JC64988-2	P122363.D	1	05/03/18	CC	04/28/18	OP11624	EP5492

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC64988-1, JC64988-2, JC64988-3, JC64988-4, JC64988-5, JC64988-6, JC64988-7, JC64988-8, JC64988-9, JC64988-10, JC64988-11, JC64988-12, JC64988-13

CAS No.	Compound	JC64988-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	0.98	J	50	41.9	82	50	39.6	77	6	44-119/28
208-96-8	Acenaphthylene	ND		50	37.7	75	50	35.7	71	5	40-115/28
120-12-7	Anthracene	ND		50	40.0	80	50	37.3	75	7	44-120/30
92-87-5	Benzidine	ND		100	ND	0* [a]	100	ND	0* [a]	nc	10-129/56
56-55-3	Benzo(a)anthracene	ND		50	39.3	79	50	34.7	69	12	48-116/30
50-32-8	Benzo(a)pyrene	ND		50	44.5	89	50	39.4	79	12	43-120/31
205-99-2	Benzo(b)fluoranthene	ND		50	42.0	84	50	36.7	73	13	42-123/31
191-24-2	Benzo(g,h,i)perylene	ND		50	41.6	83	50	38.0	76	9	39-121/32
207-08-9	Benzo(k)fluoranthene	ND		50	42.6	85	50	38.8	78	9	44-123/31
101-55-3	4-Bromophenyl phenyl ether	ND		50	38.7	77	50	36.2	72	7	47-127/31
85-68-7	Butyl benzyl phthalate	ND		50	43.4	87	50	37.4	75	15	41-135/32
91-58-7	2-Chloronaphthalene	ND		50	37.0	74	50	34.2	68	8	37-120/30
106-47-8	4-Chloroaniline	ND		50	17.8	36	50	15.1	30	16	10-110/49
218-01-9	Chrysene	ND		50	37.7	75	50	33.3	67	12	45-113/30
111-91-1	bis(2-Chloroethoxy)methane	ND		50	44.2	88	50	41.7	83	6	33-122/29
111-44-4	bis(2-Chloroethyl)ether	ND		50	53.3	107	50	49.6	99	7	29-132/36
108-60-1	2,2'-Oxybis(1-chloropropane)	ND		50	45.5	91	50	42.2	84	8	27-115/34
7005-72-3	4-Chlorophenyl phenyl ether	ND		50	44.2	88	50	41.6	83	6	43-125/30
95-50-1	1,2-Dichlorobenzene	ND		50	39.1	78	50	36.2	72	8	24-112/34
122-66-7	1,2-Diphenylhydrazine	ND		50	39.2	78	50	36.1	72	8	34-144/30
541-73-1	1,3-Dichlorobenzene	ND		50	34.6	69	50	31.3	63	10	21-110/35
106-46-7	1,4-Dichlorobenzene	ND		50	37.2	74	50	34.7	69	7	23-110/34
121-14-2	2,4-Dinitrotoluene	ND		50	46.5	93	50	46.1	92	1	49-135/31
606-20-2	2,6-Dinitrotoluene	ND		50	46.2	92	50	43.1	86	7	50-135/32
91-94-1	3,3'-Dichlorobenzidine	ND		100	60.5	61	100	45.1	45	29	2-115/43
53-70-3	Dibenzo(a,h)anthracene	ND		50	40.9	82	50	36.4	73	12	44-121/32
84-74-2	Di-n-butyl phthalate	ND		50	42.4	85	50	39.4	79	7	46-133/30
117-84-0	Di-n-octyl phthalate	ND		50	51.4	103	50	45.8	92	12	31-147/32
84-66-2	Diethyl phthalate	ND		50	43.1	86	50	41.5	83	4	46-126/30
131-11-3	Dimethyl phthalate	ND		50	42.4	85	50	40.2	80	5	49-120/29
117-81-7	bis(2-Ethylhexyl)phthalate	ND		50	43.1	86	50	38.6	77	11	35-140/35
206-44-0	Fluoranthene	0.90	J	50	40.8	80	50	38.3	75	6	48-122/30
86-73-7	Fluorene	0.84	J	50	41.3	81	50	39.7	78	4	45-121/30
118-74-1	Hexachlorobenzene	ND		50	38.0	76	50	34.5	69	10	42-129/32
87-68-3	Hexachlorobutadiene	ND		50	37.2	74	50	34.5	69	8	10-129/36
77-47-4	Hexachlorocyclopentadiene	ND		100	72.2	72	100	61.8	62	16	10-111/40

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP11624-MS	P122500.D	1	05/07/18	SB	04/28/18	OP11624	EP5498
OP11624-MSD	P122501.D	1	05/07/18	SB	04/28/18	OP11624	EP5498
JC64988-2	P122363.D	1	05/03/18	CC	04/28/18	OP11624	EP5492

The QC reported here applies to the following samples: **Method:** SW846 8270D

JC64988-1, JC64988-2, JC64988-3, JC64988-4, JC64988-5, JC64988-6, JC64988-7, JC64988-8, JC64988-9, JC64988-10, JC64988-11, JC64988-12, JC64988-13

CAS No.	Compound	JC64988-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-72-1	Hexachloroethane	ND		50	34.5	69	50	31.9	64	8	12-116/37
193-39-5	Indeno(1,2,3-cd)pyrene	ND		50	42.2	84	50	37.7	75	11	39-129/33
78-59-1	Isophorone	ND		50	43.9	88	50	41.7	83	5	37-122/29
91-20-3	Naphthalene	0.28	J	50	39.0	77	50	36.3	72	7	24-119/33
98-95-3	Nitrobenzene	ND		50	41.1	82	50	38.8	78	6	28-130/32
62-75-9	n-Nitrosodimethylamine	ND		50	15.3	31	50	16.5	33	8	10-111/35
621-64-7	N-Nitroso-di-n-propylamine	ND		50	44.3	89	50	41.4	83	7	29-128/31
86-30-6	N-Nitrosodiphenylamine	ND		50	42.4	85	50	38.6	77	9	40-128/31
85-01-8	Phenanthrene	ND		50	41.4	83	50	38.1	76	8	41-128/30
129-00-0	Pyrene	0.91	J	50	36.5	71	50	32.2	63	13	47-122/30
120-82-1	1,2,4-Trichlorobenzene	ND		50	34.6	69	50	32.8	66	5	18-118/33

CAS No.	Surrogate Recoveries	MS	MSD	JC64988-2	Limits
367-12-4	2-Fluorophenol	54%	50%		10-110%
4165-62-2	Phenol-d5	39%	37%		10-110%
118-79-6	2,4,6-Tribromophenol	88%	81%		36-151%
4165-60-0	Nitrobenzene-d5	77%	75%	91%	34-128%
321-60-8	2-Fluorobiphenyl	72%	67%	76%	38-119%
1718-51-0	Terphenyl-d14	48%	44%	49%	26-129%

(a) Outside of in house control limits.

* = Outside of Control Limits.

Instrument Performance Check (DFTPP)

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample: E6P2164-DFTPP
Lab File ID: 6P471774.D
Instrument ID: GCMS6P
Injection Date: 04/13/18
Injection Time: 23:44

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	185492	46.4		Pass
68	Less than 2.0% of mass 69	2655	0.66	(1.65) [a]	Pass
69	Mass 69 relative abundance	161241	40.4		Pass
70	Less than 2.0% of mass 69	1012	0.25	(0.63) [a]	Pass
127	40.0 - 60.0% of mass 198	182858	45.8		Pass
197	Less than 1.0% of mass 198	2777	0.70		Pass
198	Base peak, 100% relative abundance	399552	100.0		Pass
199	5.0 - 9.0% of mass 198	25358	6.35		Pass
275	10.0 - 30.0% of mass 198	109442	27.4		Pass
365	1.0 - 100.0% of mass 198	15577	3.90		Pass
441	Present, but less than mass 443	49568	12.4	(82.7) [b]	Pass
442	40.0 - 100.0% of mass 198	312832	78.3		Pass
443	17.0 - 23.0% of mass 442	59968	15.0	(19.2) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E6P2164-IC2164	6P471775.D	04/14/18	00:24	00:40	Initial cal 100
E6P2164-IC2164	6P471776.D	04/14/18	00:49	01:05	Initial cal 80
E6P2164-ICC2164	6P471777.D	04/14/18	01:14	01:30	Initial cal 50
E6P2164-IC2164	6P471778.D	04/14/18	01:39	01:55	Initial cal 25
E6P2164-IC2164	6P471779.D	04/14/18	02:04	02:20	Initial cal 10
E6P2164-IC2164	6P471780.D	04/14/18	02:28	02:44	Initial cal 5
E6P2164-IC2164	6P471781.D	04/14/18	02:53	03:09	Initial cal 2
E6P2164-IC2164	6P471782.D	04/14/18	03:18	03:34	Initial cal 1
E6P2164-ICV2164	6P471783.D	04/14/18	03:43	03:59	Initial cal verification 50
E6P2164-ICV2164	6P471784.D	04/14/18	04:08	04:24	Initial cal verification 50
E6P2164-ICV2164	6P471785.D	04/14/18	04:32	04:48	Initial cal verification 50
E6P2164-ICV2164	6P471786.D	04/14/18	04:57	05:13	Initial cal verification 50
E6P2164-ICV2164	6P471787.D	04/14/18	05:22	05:38	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample:	E6P2165-DFTPP	**Injection Date:**	04/14/18
Lab File ID:	6P471788.D	**Injection Time:**	05:42
Instrument ID:	GCMS6P		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	227605	42.3		Pass
68	Less than 2.0% of mass 69	3266	0.61	(1.61) [a]	Pass
69	Mass 69 relative abundance	202318	37.6		Pass
70	Less than 2.0% of mass 69	676	0.13	(0.33) [a]	Pass
127	40.0 - 60.0% of mass 198	235221	43.7		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	538005	100.0		Pass
199	5.0 - 9.0% of mass 198	34632	6.44		Pass
275	10.0 - 30.0% of mass 198	154754	28.8		Pass
365	1.0 - 100.0% of mass 198	23029	4.28		Pass
441	Present, but less than mass 443	79578	14.8	(81.5) [b]	Pass
442	40.0 - 100.0% of mass 198	501653	93.2		Pass
443	17.0 - 23.0% of mass 442	97586	18.1	(19.5) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E6P2165-IC2165	6P471789.D	04/14/18	05:55	00:13	Initial cal 100
E6P2165-IC2165	6P471790.D	04/14/18	06:20	00:38	Initial cal 80
E6P2165-ICC2165	6P471791.D	04/14/18	06:44	01:02	Initial cal 50
E6P2165-IC2165	6P471792.D	04/14/18	07:09	01:27	Initial cal 25
E6P2165-IC2165	6P471793.D	04/14/18	07:34	01:52	Initial cal 10
E6P2165-IC2165	6P471794.D	04/14/18	07:58	02:16	Initial cal 5
E6P2165-IC2165	6P471795.D	04/14/18	08:23	02:41	Initial cal 2
E6P2165-IC2165	6P471796.D	04/14/18	08:48	03:06	Initial cal 1
E6P2165-ICV2165	6P471797A.D	04/14/18	09:12	03:30	Initial cal verification 50
E6P2165-ICV2164	6P471797.D	04/14/18	09:12	03:30	Initial cal verification 50
E6P2165-ICV2165	6P471798.D	04/14/18	09:37	03:55	Initial cal verification 50
E6P2165-ICV2165	6P471799.D	04/14/18	10:02	04:20	Initial cal verification 50
E6P2165-ICV2165	6P471800.D	04/14/18	10:26	04:44	Initial cal verification 50
E6P2165-ICV2165	6P471801.D	04/14/18	10:51	05:09	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample:	E6P2192-DFTPP	**Injection Date:**	05/03/18
Lab File ID:	6P472500.D	**Injection Time:**	22:20
Instrument ID:	GCMS6P		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	183636	52.4		Pass
68	Less than 2.0% of mass 69	861	0.25	(0.44) [a]	Pass
69	Mass 69 relative abundance	195806	55.9		Pass
70	Less than 2.0% of mass 69	923	0.26	(0.47) [a]	Pass
127	40.0 - 60.0% of mass 198	200184	57.1		Pass
197	Less than 1.0% of mass 198	2241	0.64		Pass
198	Base peak, 100% relative abundance	350314	100.0		Pass
199	5.0 - 9.0% of mass 198	22320	6.37		Pass
275	10.0 - 30.0% of mass 198	90272	25.8		Pass
365	1.0 - 100.0% of mass 198	10326	2.95		Pass
441	Present, but less than mass 443	41298	11.8	(80.2) [b]	Pass
442	40.0 - 100.0% of mass 198	257218	73.4		Pass
443	17.0 - 23.0% of mass 442	51523	14.7	(20.0) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E6P2192-CC2164	6P472501.D	05/03/18	22:33	00:13	Continuing cal 50
E6P2192-CC2165	6P472502.D	05/03/18	22:59	00:39	Continuing cal 50
OP11624-MB1	6P472506.D	05/04/18	00:45	02:25	Method Blank
OP11714-MB1	6P472507.D	05/04/18	01:10	02:50	Method Blank
OP11714-BS1	6P472508.D	05/04/18	01:35	03:15	Blank Spike
OP11714-MS	6P472509.D	05/04/18	02:00	03:40	Matrix Spike
OP11714-MSD	6P472510.D	05/04/18	02:25	04:05	Matrix Spike Duplicate
JC65201-3	6P472511.D	05/04/18	02:50	04:30	(used for QC only; not part of job JC64988)
ZZZZZZ	6P472512.D	05/04/18	03:14	04:54	(unrelated sample)
ZZZZZZ	6P472516.D	05/04/18	04:54	06:34	(unrelated sample)
ZZZZZZ	6P472517.D	05/04/18	05:18	06:58	(unrelated sample)
ZZZZZZ	6P472518.D	05/04/18	05:43	07:23	(unrelated sample)
JC64988-13	6P472520.D	05/04/18	06:33	08:13	DUP 1-042318
JC64988-7	6P472522.D	05/04/18	07:22	09:02	MOSF-8
JC64988-10	6P472523.D	05/04/18	07:46	09:26	MW-119
ZZZZZZ	6P472524.D	05/04/18	08:11	09:51	(unrelated sample)
ZZZZZZ	6P472525.D	05/04/18	08:36	10:16	(unrelated sample)
E6P2192-ECC2164	6P472526.D	05/04/18	09:00	10:40	Ending cal 50
E6P2192-ECC2165	6P472527.D	05/04/18	09:25	11:05	Ending cal 50

Instrument Performance Check (DFTPP)

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample:	EF7484-DFTPP	**Injection Date:**	04/18/18
Lab File ID:	F175736.D	**Injection Time:**	23:05
Instrument ID:	GCMSF		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	32632	41.8		Pass
68	Less than 2.0% of mass 69	358	0.46	(0.98) [a]	Pass
69	Mass 69 relative abundance	36688	47.0		Pass
70	Less than 2.0% of mass 69	126	0.16	(0.34) [a]	Pass
127	40.0 - 60.0% of mass 198	42536	54.5		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	78096	100.0		Pass
199	5.0 - 9.0% of mass 198	5366	6.87		Pass
275	10.0 - 30.0% of mass 198	20106	25.7		Pass
365	1.0 - 100.0% of mass 198	2460	3.15		Pass
441	Present, but less than mass 443	7344	9.40	(71.0) [b]	Pass
442	40.0 - 100.0% of mass 198	54050	69.2		Pass
443	17.0 - 23.0% of mass 442	10339	13.2	(19.1) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EF7484-IC7484	F175737.D	04/18/18	23:19	00:14	Initial cal 2
EF7484-IC7484	F175738.D	04/18/18	23:49	00:44	Initial cal 100
EF7484-IC7484	F175739.D	04/19/18	00:17	01:12	Initial cal 80
EF7484-ICC7484	F175740.D	04/19/18	00:45	01:40	Initial cal 50
EF7484-IC7484	F175741.D	04/19/18	01:13	02:08	Initial cal 25
EF7484-IC7484	F175742.D	04/19/18	01:41	02:36	Initial cal 10
EF7484-IC7484	F175743.D	04/19/18	02:10	03:05	Initial cal 5
EF7484-IC7484	F175744.D	04/19/18	02:38	03:33	Initial cal 1
EF7484-ICV7484	F175745.D	04/19/18	03:06	04:01	Initial cal verification 50
EF7484-ICV7484	F175746.D	04/19/18	03:34	04:29	Initial cal verification 50
EF7484-ICV7484	F175748.D	04/19/18	04:30	05:25	Initial cal verification 50
EF7484-ICV7484	F175749.D	04/19/18	04:58	05:53	Initial cal verification 50
EF7484-ICV7484	F175750.D	04/19/18	05:26	06:21	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample:	EF7485-DFTPP	**Injection Date:**	04/19/18
Lab File ID:	F175751.D	**Injection Time:**	05:51
Instrument ID:	GCMSF		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	29992	42.1		Pass
68	Less than 2.0% of mass 69	123	0.17	(0.37) [a]	Pass
69	Mass 69 relative abundance	32818	46.0		Pass
70	Less than 2.0% of mass 69	102	0.14	(0.31) [a]	Pass
127	40.0 - 60.0% of mass 198	36864	51.7		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	71285	100.0		Pass
199	5.0 - 9.0% of mass 198	4865	6.82		Pass
275	10.0 - 30.0% of mass 198	18726	26.3		Pass
365	1.0 - 100.0% of mass 198	2488	3.49		Pass
441	Present, but less than mass 443	7776	10.9	(73.2) [b]	Pass
442	40.0 - 100.0% of mass 198	55312	77.6		Pass
443	17.0 - 23.0% of mass 442	10616	14.9	(19.2) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EF7485-IC7485	F175752.D	04/19/18	06:03	00:12	Initial cal 100
EF7485-IC7485	F175753.D	04/19/18	06:31	00:40	Initial cal 80
EF7485-ICC7485	F175754.D	04/19/18	06:59	01:08	Initial cal 50
EF7485-IC7485	F175755.D	04/19/18	07:27	01:36	Initial cal 25
EF7485-IC7485	F175756.D	04/19/18	07:56	02:05	Initial cal 10
EF7485-IC7485	F175757.D	04/19/18	08:24	02:33	Initial cal 5
EF7485-IC7485	F175758.D	04/19/18	08:52	03:01	Initial cal 2
EF7485-IC7485	F175759.D	04/19/18	09:20	03:29	Initial cal 1
EF7485-ICV7485	F175760.D	04/19/18	09:48	03:57	Initial cal verification 50
EF7485-ICV7485	F175762.D	04/19/18	10:44	04:53	Initial cal verification 50
EF7485-ICV7485	F175763.D	04/19/18	11:13	05:22	Initial cal verification 50
EF7485-ICV7485	F175764.D	04/19/18	11:41	05:50	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample:	EF7486-DFTPP	**Injection Date:**	04/19/18
Lab File ID:	F175765.D	**Injection Time:**	20:24
Instrument ID:	GCMSF		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	30188	38.6		Pass
68	Less than 2.0% of mass 69	64	0.08	(0.19) [a]	Pass
69	Mass 69 relative abundance	34420	44.0		Pass
70	Less than 2.0% of mass 69	156	0.20	(0.45) [a]	Pass
127	40.0 - 60.0% of mass 198	41176	52.7		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	78184	100.0		Pass
199	5.0 - 9.0% of mass 198	5380	6.88		Pass
275	10.0 - 30.0% of mass 198	20884	26.7		Pass
365	1.0 - 100.0% of mass 198	2798	3.58		Pass
441	Present, but less than mass 443	8685	11.1	(72.3) [b]	Pass
442	40.0 - 100.0% of mass 198	60800	77.8		Pass
443	17.0 - 23.0% of mass 442	12012	15.4	(19.8) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EF7486-IC7486	F175766.D	04/19/18	20:49	00:25	Initial cal 100
EF7486-IC7486	F175767.D	04/19/18	21:17	00:53	Initial cal 80
EF7486-ICC7486	F175768.D	04/19/18	21:45	01:21	Initial cal 50
EF7486-IC7486	F175769.D	04/19/18	22:13	01:49	Initial cal 25
EF7486-IC7486	F175770.D	04/19/18	22:40	02:16	Initial cal 10
EF7486-IC7486	F175771.D	04/19/18	23:08	02:44	Initial cal 5
EF7486-IC7486	F175772.D	04/19/18	23:36	03:12	Initial cal 2
EF7486-IC7486	F175773.D	04/20/18	00:04	03:40	Initial cal 1
EF7486-ICV7486	F175774.D	04/20/18	00:32	04:08	Initial cal verification 50
EF7486-ICV7486	F175775.D	04/20/18	01:00	04:36	Initial cal verification 50
EF7486-ICV7486	F175776.D	04/20/18	01:50	05:26	Initial cal verification 50
EF7486-ICV7486	F175777.D	04/20/18	02:17	05:53	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample: EF7487-DFTPP
Lab File ID: F175779.D
Instrument ID: GCMSF
Injection Date: 04/20/18
Injection Time: 23:21

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	22379	36.1		Pass
68	Less than 2.0% of mass 69	78	0.13	(0.28) [a]	Pass
69	Mass 69 relative abundance	27865	44.9		Pass
70	Less than 2.0% of mass 69	126	0.20	(0.45) [a]	Pass
127	40.0 - 60.0% of mass 198	32935	53.1		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	62061	100.0		Pass
199	5.0 - 9.0% of mass 198	3987	6.42		Pass
275	10.0 - 30.0% of mass 198	16254	26.2		Pass
365	1.0 - 100.0% of mass 198	2196	3.54		Pass
441	Present, but less than mass 443	6136	9.89	(71.9) [b]	Pass
442	40.0 - 100.0% of mass 198	44552	71.8		Pass
443	17.0 - 23.0% of mass 442	8535	13.8	(19.2) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EF7487-ICV7484	F175780.D	04/20/18	23:46	00:25	Initial cal verification 50
EF7487-CC7484	F175781.D	04/21/18	00:17	00:56	Continuing cal 50
EF7487-CC7485	F175782.D	04/21/18	00:44	01:23	Continuing cal 50
OP11442-MB1	F175787.D	04/21/18	03:17	03:56	Method Blank
OP11442-BS1	F175788.D	04/21/18	03:44	04:23	Blank Spike
OP11442-MS	F175789.D	04/21/18	04:11	04:50	Matrix Spike
OP11442-MSD	F175790.D	04/21/18	04:39	05:18	Matrix Spike Duplicate
JC64415-1	F175791.D	04/21/18	05:07	05:46	(used for QC only; not part of job JC64988)
ZZZZZZ	F175792.D	04/21/18	05:34	06:13	(unrelated sample)
ZZZZZZ	F175793.D	04/21/18	06:02	06:41	(unrelated sample)
ZZZZZZ	F175794.D	04/21/18	06:29	07:08	(unrelated sample)
ZZZZZZ	F175795.D	04/21/18	06:57	07:36	(unrelated sample)
ZZZZZZ	F175796.D	04/21/18	07:26	08:05	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample:	EF7505-DFTPP	**Injection Date:**	05/04/18
Lab File ID:	F176173.D	**Injection Time:**	10:24
Instrument ID:	GCMSF		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	29424	38.8		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	34033	44.9		Pass
70	Less than 2.0% of mass 69	327	0.43	(0.96) [a]	Pass
127	40.0 - 60.0% of mass 198	38132	50.3		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	75802	100.0		Pass
199	5.0 - 9.0% of mass 198	5267	6.95		Pass
275	10.0 - 30.0% of mass 198	21155	27.9		Pass
365	1.0 - 100.0% of mass 198	3343	4.41		Pass
441	Present, but less than mass 443	7760	10.2	(79.4) [b]	Pass
442	40.0 - 100.0% of mass 198	53840	71.0		Pass
443	17.0 - 23.0% of mass 442	9768	12.9	(18.1) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EF7505-CC7484	F176174.D	05/04/18	10:42	00:18	Continuing cal 50
EF7505-CC7485	F176175.D	05/04/18	11:18	00:54	Continuing cal 50
EF7505-CC7486	F176176.D	05/04/18	11:53	01:29	Continuing cal 50
ZZZZZZ	F176178.D	05/04/18	13:04	02:40	(unrelated sample)
OP11707-MB1	F176179.D	05/04/18	13:40	03:16	Method Blank
OP11707-BS1	F176180.D	05/04/18	14:17	03:53	Blank Spike
OP11707-BSD	F176181.D	05/04/18	14:53	04:29	Blank Spike Duplicate
OP11707-BS13	F176182.D	05/04/18	15:30	05:06	Blank Spike
OP11589-MB1	F176183.D	05/04/18	16:07	05:43	Method Blank
OP11589-BS1	F176184.D	05/04/18	16:44	06:20	Blank Spike
OP11624-MB1	F176197.D	05/04/18	17:20	06:56	Method Blank
JC64988-4	F176198.D	05/04/18	17:57	07:33	MW-200
ZZZZZZ	F176185.D	05/04/18	18:34	08:10	(unrelated sample)
ZZZZZZ	F176188.D	05/04/18	19:10	08:46	(unrelated sample)
ZZZZZZ	F176189.D	05/04/18	19:46	09:22	(unrelated sample)
ZZZZZZ	F176190.D	05/04/18	20:23	09:59	(unrelated sample)
ZZZZZZ	F176191.D	05/04/18	21:00	10:36	(unrelated sample)
ZZZZZZ	F176192.D	05/04/18	21:36	11:12	(unrelated sample)
ZZZZZZ	F176193.D	05/04/18	22:12	11:48	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample:	EF7505-DFTPP	**Injection Date:**	05/04/18
Lab File ID:	F176173.D	**Injection Time:**	10:24
Instrument ID:	GCMSF		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	F176186.D	05/04/18	22:47	12:23	(unrelated sample)
ZZZZZZ	F176187.D	05/04/18	23:22	12:58	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample:	EP5484-DFTPP	**Injection Date:**	04/26/18
Lab File ID:	P122194.D	**Injection Time:**	23:09
Instrument ID:	GCMSP		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	44469	33.0		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	69224	51.4		Pass
70	Less than 2.0% of mass 69	499	0.37	(0.72) [a]	Pass
127	40.0 - 60.0% of mass 198	66909	49.7		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	134581	100.0		Pass
199	5.0 - 9.0% of mass 198	10122	7.52		Pass
275	10.0 - 30.0% of mass 198	38768	28.8		Pass
365	1.0 - 100.0% of mass 198	5381	4.00		Pass
441	Present, but less than mass 443	16597	12.3	(86.0) [b]	Pass
442	40.0 - 100.0% of mass 198	98117	72.9		Pass
443	17.0 - 23.0% of mass 442	19289	14.3	(19.7) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EP5484-IC5484	P122195.D	04/26/18	23:32	00:23	Initial cal 100
EP5484-IC5484	P122196.D	04/27/18	00:00	00:51	Initial cal 80
EP5484-ICC5484	P122197.D	04/27/18	00:28	01:19	Initial cal 50
EP5484-IC5484	P122198.D	04/27/18	00:56	01:47	Initial cal 25
EP5484-IC5484	P122199.D	04/27/18	01:24	02:15	Initial cal 10
EP5484-IC5484	P122200.D	04/27/18	01:52	02:43	Initial cal 5
EP5484-IC5484	P122201.D	04/27/18	02:20	03:11	Initial cal 2
EP5484-IC5484	P122202.D	04/27/18	02:48	03:39	Initial cal 1
EP5484-ICV5484	P122203.D	04/27/18	03:16	04:07	Initial cal verification 50
EP5484-ICV5484	P122204.D	04/27/18	03:44	04:35	Initial cal verification 50
EP5484-ICV5484	P122205.D	04/27/18	04:12	05:03	Initial cal verification 50
EP5484-ICV5484	P122206.D	04/27/18	04:40	05:31	Initial cal verification 50
EP5484-ICV5484	P122207.D	04/27/18	05:08	05:59	Initial cal verification 50
EP5484-ICV5484	P122208.D	04/27/18	05:36	06:27	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample:	EP5486-DFTPP	**Injection Date:**	04/27/18
Lab File ID:	P122229.D	**Injection Time:**	21:39
Instrument ID:	GCMSP		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	35659	31.3		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	56605	49.7		Pass
70	Less than 2.0% of mass 69	251	0.22	(0.44) [a]	Pass
127	40.0 - 60.0% of mass 198	56746	49.8		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	113976	100.0		Pass
199	5.0 - 9.0% of mass 198	8050	7.06		Pass
275	10.0 - 30.0% of mass 198	32565	28.6		Pass
365	1.0 - 100.0% of mass 198	4584	4.02		Pass
441	Present, but less than mass 443	12600	11.1	(78.4) [b]	Pass
442	40.0 - 100.0% of mass 198	78794	69.1		Pass
443	17.0 - 23.0% of mass 442	16080	14.1	(20.4) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EP5486-IC5486	P122230.D	04/27/18	22:05	00:26	Initial cal 100
EP5486-IC5486	P122231.D	04/27/18	22:33	00:54	Initial cal 80
EP5486-ICC5486	P122232.D	04/27/18	23:01	01:22	Initial cal 50
EP5486-IC5486	P122233.D	04/27/18	23:29	01:50	Initial cal 25
EP5486-IC5486	P122234.D	04/27/18	23:57	02:18	Initial cal 10
EP5486-IC5486	P122235.D	04/28/18	00:25	02:46	Initial cal 5
EP5486-IC5486	P122236.D	04/28/18	00:53	03:14	Initial cal 2
EP5486-IC5486	P122237.D	04/28/18	01:21	03:42	Initial cal 1
EP5486-ICV5486	P122238.D	04/28/18	01:49	04:10	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample:	EP5487-DFTPP	**Injection Date:**	04/30/18
Lab File ID:	P122240.D	**Injection Time:**	12:46
Instrument ID:	GCMSP		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	46512	31.4		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	77818	52.5		Pass
70	Less than 2.0% of mass 69	466	0.31	(0.60) [a]	Pass
127	40.0 - 60.0% of mass 198	74173	50.0		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	148218	100.0		Pass
199	5.0 - 9.0% of mass 198	10072	6.80		Pass
275	10.0 - 30.0% of mass 198	41682	28.1		Pass
365	1.0 - 100.0% of mass 198	5742	3.87		Pass
441	Present, but less than mass 443	15392	10.4	(78.5) [b]	Pass
442	40.0 - 100.0% of mass 198	94853	64.0		Pass
443	17.0 - 23.0% of mass 442	19603	13.2	(20.7) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EP5487-ICV5484	P122241.D	04/30/18	12:57	00:11	Initial cal verification 50
EP5487-ICV5486	P122242.D	04/30/18	13:25	00:39	Initial cal verification 50
EP5487-ICV5486	P122243.D	04/30/18	13:53	01:07	Initial cal verification 50
EP5487-ICV5486	P122244.D	04/30/18	14:20	01:34	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample:	EP5492-DFTPP	**Injection Date:**	05/03/18
Lab File ID:	P122348.D	**Injection Time:**	09:10
Instrument ID:	GCMSP		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	40008	41.2		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	63421	65.4		Pass
70	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
127	40.0 - 60.0% of mass 198	48981	50.5		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	97029	100.0		Pass
199	5.0 - 9.0% of mass 198	6989	7.20		Pass
275	10.0 - 30.0% of mass 198	28493	29.4		Pass
365	1.0 - 100.0% of mass 198	4108	4.23		Pass
441	Present, but less than mass 443	11403	11.8	(88.6) [b]	Pass
442	40.0 - 100.0% of mass 198	68178	70.3		Pass
443	17.0 - 23.0% of mass 442	12864	13.3	(18.9) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EP5492-CC5484	P122349.D	05/03/18	09:22	00:12	Continuing cal 50
EP5492-CC5486	P122350.D	05/03/18	09:50	00:40	Continuing cal 50
OP11624-MB1	P122352.D	05/03/18	10:48	01:38	Method Blank
OP11624-BS1	P122353.D	05/03/18	11:16	02:06	Blank Spike
ZZZZZZ	P122372.D	05/03/18	12:13	03:03	(unrelated sample)
ZZZZZZ	P122373.D	05/03/18	12:41	03:31	(unrelated sample)
ZZZZZZ	P122374.D	05/03/18	13:10	04:00	(unrelated sample)
JC64988-1	P122354.D	05/03/18	13:39	04:29	MOSF-1
JC64988-3	P122355.D	05/03/18	14:07	04:57	MOSF-3
JC64988-5	P122356.D	05/03/18	14:36	05:26	MW-202
JC64988-6	P122357.D	05/03/18	15:32	06:22	MW-203
JC64988-9	P122358.D	05/03/18	16:01	06:51	MW-118
ZZZZZZ	P122376.D	05/03/18	16:29	07:19	(unrelated sample)
ZZZZZZ	P122377.D	05/03/18	16:57	07:47	(unrelated sample)
ZZZZZZ	P122378.D	05/03/18	17:26	08:16	(unrelated sample)
JC64988-11	P122359.D	05/03/18	18:24	09:14	MW-120
ZZZZZZ	P122360.D	05/03/18	18:52	09:42	(unrelated sample)
ZZZZZZ	P122361.D	05/03/18	19:20	10:10	(unrelated sample)
JC64988-12	P122362.D	05/03/18	19:49	10:39	MW-121

Instrument Performance Check (DFTPP)

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample:	EP5492-DFTPP	**Injection Date:**	05/03/18
Lab File ID:	P122348.D	**Injection Time:**	09:10
Instrument ID:	GCMSP		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
JC64988-2	P122363.D	05/03/18	20:17	11:07	MOSF-2
JC64988-8	P122364.D	05/03/18	20:46	11:36	MOSF-9

Instrument Performance Check (DFTPP)

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample: EP5498-DFTPP
Lab File ID: P122493.D
Instrument ID: GCMSP
Injection Date: 05/06/18
Injection Time: 22:54

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	55038	33.7		Pass
68	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
69	Mass 69 relative abundance	99126	60.7		Pass
70	Less than 2.0% of mass 69	551	0.34	(0.56) [a]	Pass
127	40.0 - 60.0% of mass 198	83992	51.4		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	163285	100.0		Pass
199	5.0 - 9.0% of mass 198	11911	7.29		Pass
275	10.0 - 30.0% of mass 198	48856	29.9		Pass
365	1.0 - 100.0% of mass 198	6381	3.91		Pass
441	Present, but less than mass 443	11158	6.83	(77.3) [b]	Pass
442	40.0 - 100.0% of mass 198	77184	47.3		Pass
443	17.0 - 23.0% of mass 442	14439	8.84	(18.7) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EP5498-CC5484	P122494.D	05/06/18	23:07	00:13	Continuing cal 50
EP5498-CC5486	P122495.D	05/06/18	23:35	00:41	Continuing cal 50
OP11829-MB1	P122498.D	05/07/18	00:59	02:05	Method Blank
OP11829-BS1	P122499.D	05/07/18	01:27	02:33	Blank Spike
OP11624-MS	P122500.D	05/07/18	01:55	03:01	Matrix Spike
OP11624-MSD	P122501.D	05/07/18	02:23	03:29	Matrix Spike Duplicate
OP11829-MS	P122502.D	05/07/18	02:51	03:57	Matrix Spike
OP11829-MSD	P122503.D	05/07/18	03:19	04:25	Matrix Spike Duplicate
ZZZZZZ	P122504.D	05/07/18	03:47	04:53	(unrelated sample)
ZZZZZZ	P122505.D	05/07/18	04:15	05:21	(unrelated sample)
ZZZZZZ	P122506.D	05/07/18	04:43	05:49	(unrelated sample)
ZZZZZZ	P122507.D	05/07/18	05:10	06:16	(unrelated sample)
ZZZZZZ	P122508.D	05/07/18	05:38	06:44	(unrelated sample)
ZZZZZZ	P122509.D	05/07/18	06:06	07:12	(unrelated sample)
ZZZZZZ	P122510.D	05/07/18	06:33	07:39	(unrelated sample)
ZZZZZZ	P122511.D	05/07/18	07:01	08:07	(unrelated sample)
ZZZZZZ	P122512.D	05/07/18	07:29	08:35	(unrelated sample)
JC65374-1	P122513.D	05/07/18	07:57	09:03	(used for QC only; not part of job JC64988)
ZZZZZZ	P122514.D	05/07/18	08:25	09:31	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Sample:	EP5498-DFTPP	**Injection Date:**	05/06/18
Lab File ID:	P122493.D	**Injection Time:**	22:54
Instrument ID:	GCMSP		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	P122515.D	05/07/18	08:52	09:58	(unrelated sample)
ZZZZZZ	P122516.D	05/07/18	09:20	10:26	(unrelated sample)
ZZZZZZ	P122517.D	05/07/18	09:49	10:55	(unrelated sample)
ZZZZZZ	P122518.D	05/07/18	10:16	11:22	(unrelated sample)

Surrogate Recovery Summary

Job Number: JC64988
Account: GLOBAL Global Companies, LLC.
Project: ROUXMA: Albany Terminal, 50 Church Street, Albany, NY

Method: SW846 8270D **Matrix:** AQ

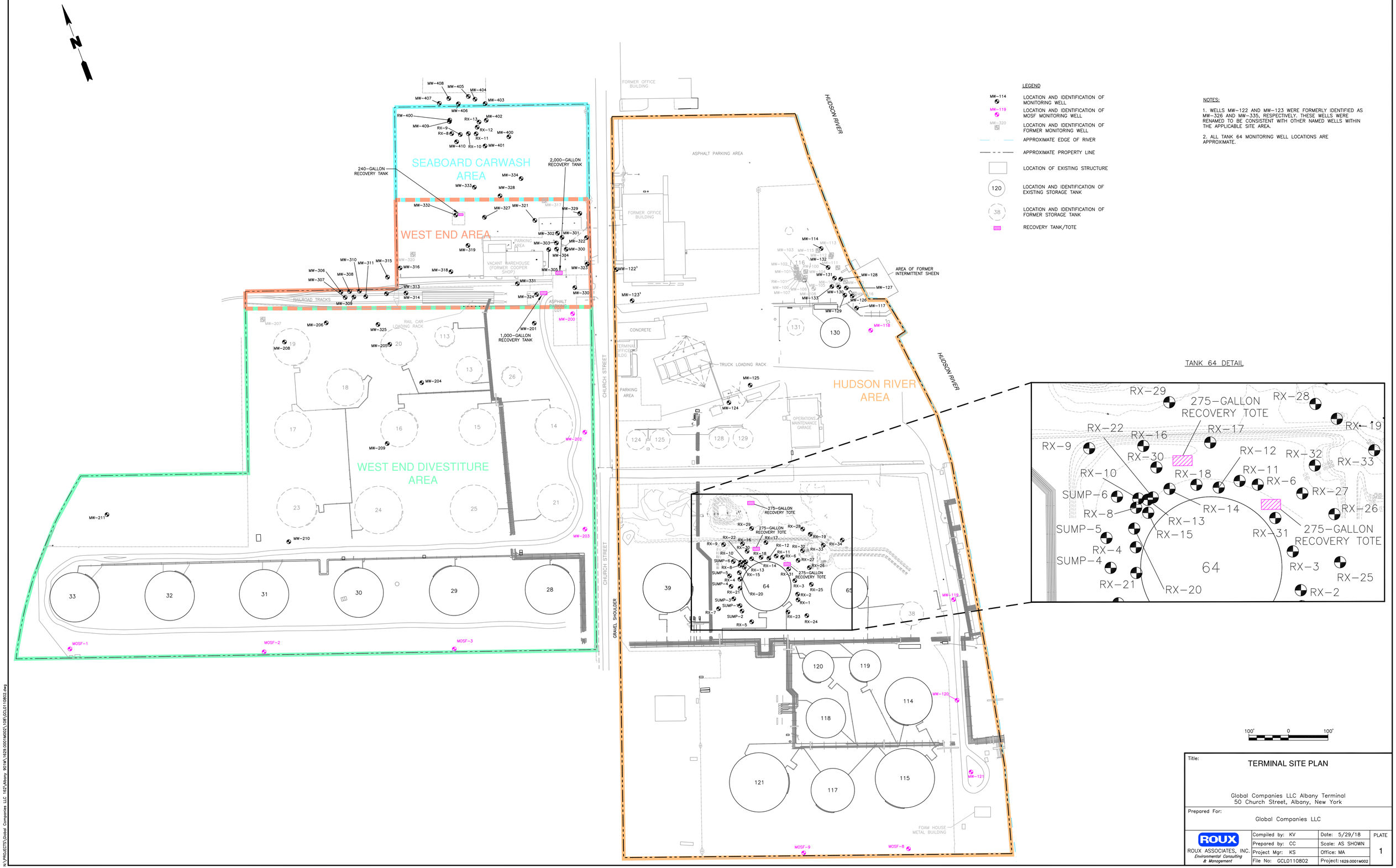
Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
JC64988-1	P122354.D	84	73	54
JC64988-2	P122363.D	91	76	49
JC64988-3	P122355.D	95	76	49
JC64988-4	F176198.D	69	64	46
JC64988-5	P122356.D	86	69	60
JC64988-6	P122357.D	85	70	53
JC64988-7	6P472522.D	63	62	49
JC64988-8	P122364.D	91	72	57
JC64988-9	P122358.D	84	68	55
JC64988-10	6P472523.D	75	72	59
JC64988-11	P122359.D	82	65	50
JC64988-12	P122362.D	89	74	58
JC64988-13	6P472520.D	68	66	63
OP11624-BS1	P122353.D	77	69	68
OP11624-MB1	P122352.D	82	69	56
OP11624-MB1	6P472506.D	75	70	59
OP11624-MB1	F176197.D	74	71	64
OP11624-MS	P122500.D	77	72	48
OP11624-MSD	P122501.D	75	67	44

Surrogate Compounds	Recovery Limits
S1 = Nitrobenzene-d5	34-128%
S2 = 2-Fluorobiphenyl	38-119%
S3 = Terphenyl-d14	26-129%

PLATES

Global Albany Site Plan



LEGEND

- MW-114 — LOCATION AND IDENTIFICATION OF MONITORING WELL
- MW-119 — LOCATION AND IDENTIFICATION OF MOSF MONITORING WELL
- MW-320 — LOCATION AND IDENTIFICATION OF FORMER MONITORING WELL
- APPROXIMATE EDGE OF RIVER
- APPROXIMATE PROPERTY LINE
- LOCATION OF EXISTING STRUCTURE
- 120 — LOCATION AND IDENTIFICATION OF EXISTING STORAGE TANK
- 38 — LOCATION AND IDENTIFICATION OF FORMER STORAGE TANK
- RECOVERY TANK/TOTE

NOTES:

1. WELLS MW-122 AND MW-123 WERE FORMERLY IDENTIFIED AS MW-326 AND MW-335, RESPECTIVELY. THESE WELLS WERE RENAMED TO BE CONSISTENT WITH OTHER NAMED WELLS WITHIN THE APPLICABLE SITE AREA.
2. ALL TANK 64 MONITORING WELL LOCATIONS ARE APPROXIMATE.

TANK 64 DETAIL

100' 0 100'

Title: TERMINAL SITE PLAN

Global Companies LLC Albany Terminal
50 Church Street, Albany, New York

Prepared For: Global Companies LLC

ROUX ASSOCIATES, INC. Environmental Consulting & Management

Compiled by: KV	Date: 5/29/18	PLATE	
Prepared by: CC	Scale: AS SHOWN		
Project Mgr: KS	Office: MA		1
File No: GCL0110802	Project: 1629.0001M002		

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