284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q2231	**OrderDate:**	6/4/2025 4:40:00 PM
Client:	PARSONS Engineering of New York, Inc.	**Project:**	Con Ed Non MGP – Atlantic Ave 453957.600024.05
Contact:	Stephen Liberatore	**Location:**	N41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2231-01	**MW-10D-20250604**	**Water**			**06/04/25**			**06/04/25**
			VOCMS Group1	8260-Low			06/11/25	
Q2231-02	**MW-14-20250604**	**Water**			**06/04/25**			**06/04/25**
			VOCMS Group1	8260-Low			06/11/25	
Q2231-03	**MW-15-20250604**	**Water**			**06/04/25**			**06/04/25**
			VOCMS Group1	8260-Low			06/11/25	
Q2231-04	**MW-16D-20250604**	**Water**			**06/04/25**			**06/04/25**
			VOCMS Group1	8260-Low			06/11/25	
Q2231-05	**MW-17-20250604**	**Water**			**06/04/25**			**06/04/25**
			VOCMS Group1	8260-Low			06/11/25	
Q2231-06	**TB-20250604**	**Water**			**06/04/25**			**06/04/25**
			VOCMS Group1	8260-Low			06/11/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2231

Client: PARSONS Engineering of New York, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW-10D-20250604**								
Q2231-01	MW-10D-20250604	Water	Acetone		1.70	J	1.50	5.00	ug/L
Q2231-01	MW-10D-20250604	Water	Chloroform		5.00		0.25	1.00	ug/L
Q2231-01	MW-10D-20250604	Water	Toluene		0.32	J	0.14	1.00	ug/L
Q2231-01	MW-10D-20250604	Water	Tetrachloroethene		0.55	J	0.23	1.00	ug/L
Q2231-01	MW-10D-20250604	Water	Ethyl Benzene		1.90		0.13	1.00	ug/L
Q2231-01	MW-10D-20250604	Water	m/p-Xylenes		4.60		0.24	2.00	ug/L
Q2231-01	MW-10D-20250604	Water	o-Xylene		0.92	J	0.12	1.00	ug/L
			Total Voc :		15.0				
Q2231-01	MW-10D-20250604	Water	n-propylbenzene	*	0.25	J	0.13	1.00	ug/L
Q2231-01	MW-10D-20250604	Water	1,3,5-Trimethylbenzene	*	0.43	J	0.15	1.00	ug/L
Q2231-01	MW-10D-20250604	Water	1,2,4-Trimethylbenzene	*	1.60	J	0.14	1.00	ug/L
Q2231-01	MW-10D-20250604	Water	Naphthalene	*	0.33	J	0.20	1.00	ug/L
			Total Tics :		2.61				
			Total Concentration:		17.6				
Client ID:	**MW-14-20250604**								
Q2231-02	MW-14-20250604	Water	Acetone		3.20	J	1.50	5.00	ug/L
Q2231-02	MW-14-20250604	Water	Methylcyclohexane		4.30		0.16	1.00	ug/L
Q2231-02	MW-14-20250604	Water	Benzene		1.10		0.15	1.00	ug/L
Q2231-02	MW-14-20250604	Water	Trichloroethene		0.31	J	0.090	1.00	ug/L
Q2231-02	MW-14-20250604	Water	Toluene		0.73	J	0.14	1.00	ug/L
Q2231-02	MW-14-20250604	Water	Ethyl Benzene		11.8		0.13	1.00	ug/L
Q2231-02	MW-14-20250604	Water	m/p-Xylenes		0.89	J	0.24	2.00	ug/L
Q2231-02	MW-14-20250604	Water	o-Xylene		2.60		0.12	1.00	ug/L
Q2231-02	MW-14-20250604	Water	Styrene		0.83	J	0.15	1.00	ug/L
Q2231-02	MW-14-20250604	Water	Isopropylbenzene		92.9		0.12	1.00	ug/L
			Total Voc :		119				
Q2231-02	MW-14-20250604	Water	Naphthalene, 1-methyl-	*	62.5	J	0	0	ug/L
Q2231-02	MW-14-20250604	Water	Benzene, 1,2,4,5-tetramethyl-	*	29.9	J	0	0	ug/L
Q2231-02	MW-14-20250604	Water	Indane	*	110	J	0	0	ug/L
Q2231-02	MW-14-20250604	Water	Benzene, 1-ethyl-2-methyl-	*	38.0	J	0	0	ug/L
Q2231-02	MW-14-20250604	Water	Indan, 1-methyl-	*	45.9	J	0	0	ug/L
Q2231-02	MW-14-20250604	Water	1H-Indene, 2,3-dihydro-4-meth	*	24.0	J	0	0	ug/L
Q2231-02	MW-14-20250604	Water	Benzene, 1-ethyl-2,4-dimethyl-	*	18.3	J	0	0	ug/L
Q2231-02	MW-14-20250604	Water	2-Methylindene	*	91.7	J	0	0	ug/L
Q2231-02	MW-14-20250604	Water	Cycloprop[a]indene, 1,1a,6,6a-t	*	23.3	J	0	0	ug/L
Q2231-02	MW-14-20250604	Water	n-propylbenzene	*	84.2	J	0.13	1.00	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2231

Client: PARSONS Engineering of New York, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q2231-02	MW-14-20250604	Water	1,3,5-Trimethylbenzene	*	21.4	J	0.15	1.00	ug/L
Q2231-02	MW-14-20250604	Water	1,2,4-Trimethylbenzene	*	620	J	0.14	1.00	ug/L
Q2231-02	MW-14-20250604	Water	p-Isopropyltoluene	*	16.0	J	0.13	1.00	ug/L
Q2231-02	MW-14-20250604	Water	n-Butylbenzene	*	9.60	J	0.15	1.00	ug/L
			Total Tics :		1190				
			Total Concentration:		1310				
Client ID:	**MW-15-20250604**								
Q2231-03	MW-15-20250604	Water	Chloroform		5.20		0.25	1.00	ug/L
Q2231-03	MW-15-20250604	Water	Tetrachloroethene		1.00		0.23	1.00	ug/L
Q2231-03	MW-15-20250604	Water	Isopropylbenzene		0.28	J	0.12	1.00	ug/L
			Total Voc :		6.48				
Q2231-03	MW-15-20250604	Water	Acenaphthene	*	61.8	J	0	0	ug/L
Q2231-03	MW-15-20250604	Water	Biphenyl	*	15.6	J	0	0	ug/L
Q2231-03	MW-15-20250604	Water	Naphthalene, 1,4-dimethyl-	*	14.2	J	0	0	ug/L
Q2231-03	MW-15-20250604	Water	Naphthalene, 1,5-dimethyl-	*	17.2	J	0	0	ug/L
Q2231-03	MW-15-20250604	Water	Naphthalene, 1,3-dimethyl-	*	10.8	J	0	0	ug/L
Q2231-03	MW-15-20250604	Water	Naphthalene, 2,3-dimethyl-	*	62.8	J	0	0	ug/L
Q2231-03	MW-15-20250604	Water	Naphthalene, 2,6-dimethyl-	*	34.1	J	0	0	ug/L
Q2231-03	MW-15-20250604	Water	Naphthalene, 2,7-dimethyl-	*	16.3	J	0	0	ug/L
Q2231-03	MW-15-20250604	Water	1,1-Biphenyl, 4-methyl-	*	5.50	J	0	0	ug/L
Q2231-03	MW-15-20250604	Water	Naphthalene, 2-ethyl-	*	38.0	J	0	0	ug/L
Q2231-03	MW-15-20250604	Water	n-propylbenzene	*	0.26	J	0.13	1.00	ug/L
Q2231-03	MW-15-20250604	Water	1,2,4-Trimethylbenzene	*	1.70	J	0.14	1.00	ug/L
Q2231-03	MW-15-20250604	Water	Naphthalene	*	20.3	J	0.20	1.00	ug/L
			Total Tics :		299				
			Total Concentration:		305				
Client ID:	**MW-16D-20250604**								
Q2231-04	MW-16D-20250604	Water	Acetone		1.50	J	1.50	5.00	ug/L
Q2231-04	MW-16D-20250604	Water	Chloroform		11.7		0.25	1.00	ug/L
Q2231-04	MW-16D-20250604	Water	Tetrachloroethene		0.68	J	0.23	1.00	ug/L
			Total Voc :		13.9				
Q2231-04	MW-16D-20250604	Water	1,2,4-Trimethylbenzene	*	0.73	J	0.14	1.00	ug/L
Q2231-04	MW-16D-20250604	Water	Naphthalene	*	6.00	J	0.20	1.00	ug/L
			Total Tics :		6.73				
			Total Concentration:		20.6				
Client ID:	**MW-17-20250604**								
Q2231-05	MW-17-20250604	Water	Acetone		1.70	J	1.50	5.00	ug/L
Q2231-05	MW-17-20250604	Water	Chloroform		21.3		0.25	1.00	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2231

Client: PARSONS Engineering of New York, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q2231-05	MW-17-20250604	Water	Tetrachloroethene		0.93	J	0.23	1.00	ug/L
			Total Voc :		23.9				
Q2231-05	MW-17-20250604	Water	1,2,4-Trimethylbenzene	*	0.92	J	0.14	1.00	ug/L
Q2231-05	MW-17-20250604	Water	Naphthalene	*	6.10	J	0.20	1.00	ug/L
			Total Tics :		7.02				
			Total Concentration:		30.9				
Client ID:	**TB-20250604**								
Q2231-06	TB-20250604	Water	Naphthalene	*	2.60	J	0.20	1.00	ug/L
			Total Tics :		2.60				
			Total Concentration:		2.60				

SAMPLE DATA

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/04/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/04/25
Client Sample ID:	MW-10D-20250604	SDG No.:	Q2231
Lab Sample ID:	Q2231-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086953.D	1		06/11/25 16:57	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.70	J	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	5.00		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.32	J	0.14	1.00	ug/L

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/04/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/04/25
Client Sample ID:	MW-10D-20250604	SDG No.:	Q2231
Lab Sample ID:	Q2231-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086953.D	1		06/11/25 16:57	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.55	J	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	1.90		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	4.60		0.24	2.00	ug/L
95-47-6	o-Xylene	0.92	J	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	UQ	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.4		74 - 125	101%	SPK: 50
1868-53-7	Dibromofluoromethane	50.4		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	52.8		86 - 113	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.3		77 - 121	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	314000	8.235			
540-36-3	1,4-Difluorobenzene	595000	9.106			
3114-55-4	Chlorobenzene-d5	534000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	255000	13.788			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/04/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/04/25
Client Sample ID:	MW-10D-20250604	SDG No.:	Q2231
Lab Sample ID:	Q2231-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086953.D	1		06/11/25 16:57	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
103-65-1	n-propylbenzene	0.25	J		13.0	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.43	J		13.2	ug/L
95-63-6	1,2,4-Trimethylbenzene	1.60	J		13.5	ug/L
91-20-3	Naphthalene	0.33	J		15.6	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/04/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/04/25
Client Sample ID:	MW-14-20250604	SDG No.:	Q2231
Lab Sample ID:	Q2231-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086954.D	1		06/11/25 17:19	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	3.20	J	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	4.30		0.16	1.00	ug/L
71-43-2	Benzene	1.10		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.31	J	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.73	J	0.14	1.00	ug/L

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/04/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/04/25
Client Sample ID:	MW-14-20250604	SDG No.:	Q2231
Lab Sample ID:	Q2231-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086954.D	1		06/11/25 17:19	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	11.8		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.89	J	0.24	2.00	ug/L
95-47-6	o-Xylene	2.60		0.12	1.00	ug/L
100-42-5	Styrene	0.83	J	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	UQ	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	92.9		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.0		74 - 125	104%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	52.7		86 - 113	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.2		77 - 121	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	207000	8.23			
540-36-3	1,4-Difluorobenzene	392000	9.106			
3114-55-4	Chlorobenzene-d5	352000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	160000	13.788			
TENTATIVE IDENTIFIED COMPOUNDS						

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/04/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/04/25
Client Sample ID:	MW-14-20250604	SDG No.:	Q2231
Lab Sample ID:	Q2231-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086954.D	1		06/11/25 17:19	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
103-65-1	n-propylbenzene	84.2	J		13.0	ug/L
108-67-8	1,3,5-Trimethylbenzene	21.4	J		13.2	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	38.0	J		13.3	ug/L
95-63-6	1,2,4-Trimethylbenzene	620	J		13.5	ug/L
99-87-6	p-Isopropyltoluene	16.0	J		13.7	ug/L
000496-11-7	Indane	110	J		14.0	ug/L
104-51-8	n-Butylbenzene	9.60	J		14.1	ug/L
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	18.3	J		14.3	ug/L
000767-58-8	Indan, 1-methyl-	45.9	J		14.4	ug/L
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	24.0	J		14.9	ug/L
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	29.9	J		15.0	ug/L
015677-15-3	Cycloprop[a]indene, 1,1a,6,6a-tetr	23.3	J		15.1	ug/L
002177-47-1	2-Methylindene	91.7	J		15.2	ug/L
000090-12-0	Naphthalene, 1-methyl-	62.5	J		16.8	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/04/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/04/25
Client Sample ID:	MW-15-20250604	SDG No.:	Q2231
Lab Sample ID:	Q2231-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086955.D	1		06/11/25 17:41	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	5.20		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/04/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/04/25
Client Sample ID:	MW-15-20250604	SDG No.:	Q2231
Lab Sample ID:	Q2231-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086955.D	1		06/11/25 17:41	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	1.00		0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	UQ	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.28	J	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.9		74 - 125	90%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	50.4		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.6		77 - 121	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	257000	8.235			
540-36-3	1,4-Difluorobenzene	474000	9.106			
3114-55-4	Chlorobenzene-d5	406000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	210000	13.794			
TENTATIVE IDENTIFIED COMPOUNDS						

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/04/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/04/25
Client Sample ID:	MW-15-20250604	SDG No.:	Q2231
Lab Sample ID:	Q2231-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086955.D	1		06/11/25 17:41	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000092-52-4	Biphenyl	15.6	J		12.6	ug/L
103-65-1	n-propylbenzene	0.26	J		13.0	ug/L
000939-27-5	Naphthalene, 2-ethyl-	38.0	J		13.3	ug/L
95-63-6	1,2,4-Trimethylbenzene	1.70	J		13.5	ug/L
000581-42-0	Naphthalene, 2,6-dimethyl-	34.1	J		13.6	ug/L
000581-40-8	Naphthalene, 2,3-dimethyl-	62.8	J		14.0	ug/L
000582-16-1	Naphthalene, 2,7-dimethyl-	16.3	J		14.1	ug/L
000575-41-7	Naphthalene, 1,3-dimethyl-	10.8	J		14.5	ug/L
000571-61-9	Naphthalene, 1,5-dimethyl-	17.2	J		14.5	ug/L
000571-58-4	Naphthalene, 1,4-dimethyl-	14.2	J		14.8	ug/L
000644-08-6	1,1-Biphenyl, 4-methyl-	5.50	J		15.1	ug/L
000083-32-9	Acenaphthene	61.8	J		15.5	ug/L
91-20-3	Naphthalene	20.3	J		15.6	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/04/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/04/25
Client Sample ID:	MW-16D-20250604	SDG No.:	Q2231
Lab Sample ID:	Q2231-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086956.D	1		06/11/25 18:04	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	J	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	11.7		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/04/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/04/25
Client Sample ID:	MW-16D-20250604	SDG No.:	Q2231
Lab Sample ID:	Q2231-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086956.D	1		06/11/25 18:04	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.68	J	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	UQ	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.3		74 - 125	93%	SPK: 50
1868-53-7	Dibromofluoromethane	49.2		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	51.5		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.8		77 - 121	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	369000	8.235			
540-36-3	1,4-Difluorobenzene	693000	9.106			
3114-55-4	Chlorobenzene-d5	610000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	298000	13.794			
TENTATIVE IDENTIFIED COMPOUNDS						

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/04/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/04/25
Client Sample ID:	MW-16D-20250604	SDG No.:	Q2231
Lab Sample ID:	Q2231-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086956.D	1		06/11/25 18:04	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
95-63-6	1,2,4-Trimethylbenzene	0.73	J		13.5	ug/L
91-20-3	Naphthalene	6.00	J		15.6	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/04/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/04/25
Client Sample ID:	MW-17-20250604	SDG No.:	Q2231
Lab Sample ID:	Q2231-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086957.D	1		06/11/25 18:26	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.70	J	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	21.3		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/04/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/04/25
Client Sample ID:	MW-17-20250604	SDG No.:	Q2231
Lab Sample ID:	Q2231-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086957.D	1		06/11/25 18:26	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.93	J	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	UQ	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.1		74 - 125	96%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	51.3		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.7		77 - 121	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	224000	8.235			
540-36-3	1,4-Difluorobenzene	418000	9.106			
3114-55-4	Chlorobenzene-d5	366000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	178000	13.794			
TENTATIVE IDENTIFIED COMPOUNDS						

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/04/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/04/25
Client Sample ID:	MW-17-20250604	SDG No.:	Q2231
Lab Sample ID:	Q2231-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086957.D	1		06/11/25 18:26	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
95-63-6	1,2,4-Trimethylbenzene	0.92	J		13.5	ug/L
91-20-3	Naphthalene	6.10	J		15.6	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/04/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/04/25
Client Sample ID:	TB-20250604	SDG No.:	Q2231
Lab Sample ID:	Q2231-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086958.D	1		06/11/25 18:48	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/04/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/04/25
Client Sample ID:	TB-20250604	SDG No.:	Q2231
Lab Sample ID:	Q2231-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086958.D	1		06/11/25 18:48	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	UQ	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.8		74 - 125	98%	SPK: 50
1868-53-7	Dibromofluoromethane	49.7		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	52.2		86 - 113	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.7		77 - 121	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	325000	8.235			
540-36-3	1,4-Difluorobenzene	613000	9.106			
3114-55-4	Chlorobenzene-d5	544000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	259000	13.788			
TENTATIVE IDENTIFIED COMPOUNDS						

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/04/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/04/25
Client Sample ID:	TB-20250604	SDG No.:	Q2231
Lab Sample ID:	Q2231-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086958.D	1		06/11/25 18:48	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
91-20-3	Naphthalene	2.60	J		15.6	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SDG No.: Q2231

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2231-01	MW-10D-20250604	1,2-Dichloroethane-d4	50	50.4	101	74	125
		Dibromofluoromethane	50	50.4	101	75	124
		Toluene-d8	50	52.8	106	86	113
		4-Bromofluorobenzene	50	50.3	101	77	121
Q2231-02	MW-14-20250604	1,2-Dichloroethane-d4	50	52.0	104	74	125
		Dibromofluoromethane	50	50.5	101	75	124
		Toluene-d8	50	52.7	105	86	113
		4-Bromofluorobenzene	50	51.2	102	77	121
Q2231-03	MW-15-20250604	1,2-Dichloroethane-d4	50	44.9	90	74	125
		Dibromofluoromethane	50	48.6	97	75	124
		Toluene-d8	50	50.4	101	86	113
		4-Bromofluorobenzene	50	48.6	97	77	121
Q2231-04	MW-16D-20250604	1,2-Dichloroethane-d4	50	46.3	93	74	125
		Dibromofluoromethane	50	49.2	98	75	124
		Toluene-d8	50	51.5	103	86	113
		4-Bromofluorobenzene	50	49.8	100	77	121
Q2231-05	MW-17-20250604	1,2-Dichloroethane-d4	50	48.1	96	74	125
		Dibromofluoromethane	50	50.0	100	75	124
		Toluene-d8	50	51.3	103	86	113
		4-Bromofluorobenzene	50	49.7	99	77	121
Q2231-06	TB-20250604	1,2-Dichloroethane-d4	50	48.8	98	74	125
		Dibromofluoromethane	50	49.7	99	75	124
		Toluene-d8	50	52.2	104	86	113
		4-Bromofluorobenzene	50	49.7	99	77	121
VN0611WBL01	VN0611WBL01	1,2-Dichloroethane-d4	50	48.3	97	74	125
		Dibromofluoromethane	50	49.3	99	75	124
		Toluene-d8	50	51.7	103	86	113
		4-Bromofluorobenzene	50	49.4	99	77	121
VN0611WBS02	VN0611WBS02	1,2-Dichloroethane-d4	50	47.1	94	74	125
		Dibromofluoromethane	50	51.1	102	75	124
		Toluene-d8	50	48.7	97	86	113
		4-Bromofluorobenzene	50	50.0	100	77	121
VN0611WBSD0	VN0611WBSD02	1,2-Dichloroethane-d4	50	47.9	96	74	125
		Dibromofluoromethane	50	52.3	105	75	124
		Toluene-d8	50	49.5	99	86	113
		4-Bromofluorobenzene	50	50.1	100	77	121

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2231

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8260-Low **Datafile :** VN086944.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0611WBS02	Dichlorodifluoromethane	20	19.7	ug/L	99			69	116	
	Chloromethane	20	16.1	ug/L	81			65	116	
	Vinyl chloride	20	18.9	ug/L	95			65	117	
	Bromomethane	20	16.6	ug/L	83			58	125	
	Chloroethane	20	19.4	ug/L	97			56	128	
	Trichlorofluoromethane	20	19.2	ug/L	96			73	115	
	1,1,2-Trichlorotrifluoroethane	20	19.6	ug/L	98			80	112	
	1,1-Dichloroethene	20	19.2	ug/L	96			74	110	
	Acetone	100	99.0	ug/L	99			60	125	
	Carbon disulfide	20	17.8	ug/L	89			64	112	
	Methyl tert-butyl Ether	20	19.6	ug/L	98			78	114	
	Methyl Acetate	20	19.0	ug/L	95			67	125	
	Methylene Chloride	20	19.0	ug/L	95			72	114	
	trans-1,2-Dichloroethene	20	18.5	ug/L	93			75	108	
	1,1-Dichloroethane	20	19.4	ug/L	97			78	112	
	Cyclohexane	20	17.6	ug/L	88			75	110	
	2-Butanone	100	90.4	ug/L	90			65	122	
	Carbon Tetrachloride	20	19.2	ug/L	96			77	113	
	cis-1,2-Dichloroethene	20	19.5	ug/L	98			77	110	
	Bromochloromethane	20	19.9	ug/L	100			70	124	
	Chloroform	20	19.5	ug/L	98			79	113	
	1,1,1-Trichloroethane	20	19.0	ug/L	95			80	108	
	Methylcyclohexane	20	16.9	ug/L	85			72	115	
	Benzene	20	19.3	ug/L	97			82	109	
	1,2-Dichloroethane	20	19.5	ug/L	98			80	115	
	Trichloroethene	20	19.9	ug/L	100			77	113	
	1,2-Dichloropropane	20	19.6	ug/L	98			83	111	
	Bromodichloromethane	20	19.6	ug/L	98			83	110	
	4-Methyl-2-Pentanone	100	98.0	ug/L	98			74	118	
	Toluene	20	19.5	ug/L	98			82	110	
	t-1,3-Dichloropropene	20	19.9	ug/L	100			79	110	
	cis-1,3-Dichloropropene	20	20.1	ug/L	101			82	110	
	1,1,2-Trichloroethane	20	20.4	ug/L	102			83	112	
	2-Hexanone	100	89.2	ug/L	89			73	117	
	Dibromochloromethane	20	20.5	ug/L	103			82	110	
	1,2-Dibromoethane	20	19.7	ug/L	99			81	110	
	Tetrachloroethene	20	19.2	ug/L	96			67	123	
	Chlorobenzene	20	20.0	ug/L	100			82	109	
	Ethyl Benzene	20	19.6	ug/L	98			83	109	
	m/p-Xylenes	40	39.6	ug/L	99			82	110	
	o-Xylene	20	20.2	ug/L	101			83	109	
	Styrene	20	20.1	ug/L	101			80	111	
	Bromoform	20	21.0	ug/L	105			79	109	
	Isopropylbenzene	20	19.3	ug/L	97			83	112	
	1,1,2,2-Tetrachloroethane	20	21.0	ug/L	105			76	118	
	1,3-Dichlorobenzene	20	20.3	ug/L	102			82	108	
	1,4-Dichlorobenzene	20	20.4	ug/L	102			82	107	
	1,2-Dichlorobenzene	20	20.0	ug/L	100			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2231

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8260-Low **Datafile :** VN086944.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0611WBS02	1,2-Dibromo-3-Chloropropane	20	19.2	ug/L	96			68	112	
	1,2,4-Trichlorobenzene	20	18.4	ug/L	92			75	113	
	1,2,3-Trichlorobenzene	20	17.8	ug/L	89			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2231

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8260-Low **Datafile :** VN086945.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0611WBSD02	Dichlorodifluoromethane	20	19.1	ug/L	96	3		69	116	19
	Chloromethane	20	15.5	ug/L	78	4		65	116	21
	Vinyl chloride	20	18.7	ug/L	94	1		65	117	19
	Bromomethane	20	16.2	ug/L	81	2		58	125	20
	Chloroethane	20	18.9	ug/L	95	2		56	128	20
	Trichlorofluoromethane	20	19.0	ug/L	95	1		73	115	16
	1,1,2-Trichlorotrifluoroethane	20	18.7	ug/L	94	4		80	112	15
	1,1-Dichloroethene	20	19.1	ug/L	96	0		74	110	20
	Acetone	100	92.4	ug/L	92	7		60	125	20
	Carbon disulfide	20	17.2	ug/L	86	3		64	112	20
	Methyl tert-butyl Ether	20	20.2	ug/L	101	3		78	114	20
	Methyl Acetate	20	20.1	ug/L	101	6		67	125	20
	Methylene Chloride	20	19.1	ug/L	96	1		72	114	20
	trans-1,2-Dichloroethene	20	18.6	ug/L	93	0		75	108	16
	1,1-Dichloroethane	20	19.3	ug/L	97	0		78	112	20
	Cyclohexane	20	17.2	ug/L	86	2		75	110	20
	2-Butanone	100	94.9	ug/L	95	5		65	122	26
	Carbon Tetrachloride	20	19.5	ug/L	98	2		77	113	15
	cis-1,2-Dichloroethene	20	19.6	ug/L	98	0		77	110	20
	Bromochloromethane	20	21.1	ug/L	106	6		70	124	20
	Chloroform	20	19.4	ug/L	97	1		79	113	20
	1,1,1-Trichloroethane	20	18.8	ug/L	94	1		80	108	20
	Methylcyclohexane	20	16.6	ug/L	83	2		72	115	20
	Benzene	20	19.7	ug/L	99	2		82	109	15
	1,2-Dichloroethane	20	20.3	ug/L	102	4		80	115	20
	Trichloroethene	20	20.1	ug/L	101	1		77	113	15
	1,2-Dichloropropane	20	20.0	ug/L	100	2		83	111	16
	Bromodichloromethane	20	20.7	ug/L	104	6		83	110	16
	4-Methyl-2-Pentanone	100	100	ug/L	100	2		74	118	25
	Toluene	20	19.9	ug/L	100	2		82	110	16
	t-1,3-Dichloropropene	20	20.7	ug/L	104	4		79	110	20
	cis-1,3-Dichloropropene	20	20.7	ug/L	104	3		82	110	16
	1,1,2-Trichloroethane	20	20.9	ug/L	104	2		83	112	20
	2-Hexanone	100	93.8	ug/L	94	5		73	117	25
	Dibromochloromethane	20	21.2	ug/L	106	3		82	110	20
	1,2-Dibromoethane	20	20.7	ug/L	104	5		81	110	20
	Tetrachloroethene	20	18.5	ug/L	93	3		67	123	15
	Chlorobenzene	20	20.2	ug/L	101	1		82	109	15
	Ethyl Benzene	20	19.3	ug/L	97	1		83	109	16
	m/p-Xylenes	40	39.5	ug/L	99	0		82	110	15
	o-Xylene	20	20.0	ug/L	100	1		83	109	20
	Styrene	20	20.6	ug/L	103	2		80	111	17
	Bromoform	20	22.4	ug/L	112	6	*	79	109	20
	Isopropylbenzene	20	19.3	ug/L	97	0		83	112	29
	1,1,2,2-Tetrachloroethane	20	21.7	ug/L	109	4		76	118	20
	1,3-Dichlorobenzene	20	20.5	ug/L	103	1		82	108	20
	1,4-Dichlorobenzene	20	20.4	ug/L	102	0		82	107	15
	1,2-Dichlorobenzene	20	20.6	ug/L	103	3		82	109	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2231

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8260-Low **Datafile :** VN086945.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0611WBSD02	1,2-Dibromo-3-Chloropropane	20	20.8	ug/L	104	8		68	112	20
	1,2,4-Trichlorobenzene	20	18.7	ug/L	94	2		75	113	29
	1,2,3-Trichlorobenzene	20	18.1	ug/L	91	2		76	114	29

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0611WBL01

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2231 SAS No.: Q2231 SDG NO.: Q2231

Lab File ID: VN086942.D Lab Sample ID: VN0611WBL01

Date Analyzed: 06/11/2025 Time Analyzed: 12:28

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0611WBS02	VN0611WBS02	VN086944.D	06/11/2025
VN0611WBSD02	VN0611WBSD02	VN086945.D	06/11/2025
MW-10D-20250604	Q2231-01	VN086953.D	06/11/2025
MW-14-20250604	Q2231-02	VN086954.D	06/11/2025
MW-15-20250604	Q2231-03	VN086955.D	06/11/2025
MW-16D-20250604	Q2231-04	VN086956.D	06/11/2025
MW-17-20250604	Q2231-05	VN086957.D	06/11/2025
TB-20250604	Q2231-06	VN086958.D	06/11/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2231 SAS No.: Q2231 SDG NO.: Q2231

Lab File ID: VN086861.D BFB Injection Date: 06/06/2025

Instrument ID: MSVOA_N BFB Injection Time: 07:59

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.3
75	30.0 - 60.0% of mass 95	48.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	66.6
175	5.0 - 9.0% of mass 174	4.7 (7.1) 1
176	95.0 - 101.0% of mass 174	65.3 (98.1) 1
177	5.0 - 9.0% of mass 176	4.4 (6.8) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VN086862.D	06/06/2025	12:44
VSTDICC005	VSTDICC005	VN086863.D	06/06/2025	13:17
VSTDICC020	VSTDICC020	VN086864.D	06/06/2025	13:40
VSTDICCC050	VSTDICCC050	VN086865.D	06/06/2025	14:03
VSTDICC100	VSTDICC100	VN086866.D	06/06/2025	14:26
VSTDICC150	VSTDICC150	VN086867.D	06/06/2025	14:49

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2231 SAS No.: Q2231 SDG NO.: Q2231

Lab File ID: VN086939.D BFB Injection Date: 06/11/2025

Instrument ID: MSVOA_N BFB Injection Time: 10:22

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.7
75	30.0 - 60.0% of mass 95	46.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	71.1
175	5.0 - 9.0% of mass 174	5.4 (7.5) 1
176	95.0 - 101.0% of mass 174	68.8 (96.8) 1
177	5.0 - 9.0% of mass 176	4.8 (7) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN086940.D	06/11/2025	11:32
VN0611WBL01	VN0611WBL01	VN086942.D	06/11/2025	12:28
VN0611WBS02	VN0611WBS02	VN086944.D	06/11/2025	13:27
VN0611WBSD02	VN0611WBSD02	VN086945.D	06/11/2025	14:01
MW-10D-20250604	Q2231-01	VN086953.D	06/11/2025	16:57
MW-14-20250604	Q2231-02	VN086954.D	06/11/2025	17:19
MW-15-20250604	Q2231-03	VN086955.D	06/11/2025	17:41
MW-16D-20250604	Q2231-04	VN086956.D	06/11/2025	18:04
MW-17-20250604	Q2231-05	VN086957.D	06/11/2025	18:26
TB-20250604	Q2231-06	VN086958.D	06/11/2025	18:48

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2231 SAS No.: Q2231 SDG NO.: Q2231

Lab File ID: VN086940.D Date Analyzed: 06/11/2025

Instrument ID: MSVOA_N Time Analyzed: 11:32

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	205098	8.23	357643	9.11	312173	11.87
UPPER LIMIT	410196	8.73	715286	9.606	624346	12.365
LOWER LIMIT	102549	7.73	178822	8.606	156087	11.365
EPA SAMPLE NO.						
MW-10D-20250604	314124	8.24	594896	9.11	533609	11.87
MW-14-20250604	206605	8.23	392074	9.11	351871	11.87
MW-15-20250604	256900	8.24	474084	9.11	406220	11.87
MW-16D-20250604	369027	8.24	692660	9.11	610187	11.87
MW-17-20250604	224021	8.24	418211	9.11	365651	11.87
TB-20250604	325113	8.24	613273	9.11	544198	11.87
VN0611WBL01	328120	8.23	618651	9.11	543433	11.87
VN0611WBS02	206799	8.24	370524	9.11	321188	11.87
VN0611WBSD02	199904	8.23	354069	9.11	310598	11.87

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2231 SAS No.: Q2231 SDG NO.: Q2231

Lab File ID: VN086940.D Date Analyzed: 06/11/2025

Instrument ID: MSVOA_N Time Analyzed: 11:32

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	152136	13.788				
UPPER LIMIT	304272	14.288				
LOWER LIMIT	76068	13.288				
EPA SAMPLE NO.						
MW-10D-20250604	254824	13.79				
MW-14-20250604	159705	13.79				
MW-15-20250604	209580	13.79				
MW-16D-20250604	297804	13.79				
MW-17-20250604	178134	13.79				
TB-20250604	259241	13.79				
VN0611WBL01	257257	13.79				
VN0611WBS02	157403	13.79				
VN0611WBSD02	151691	13.79				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	
Client Sample ID:	VN0611WBL01	SDG No.:	Q2231
Lab Sample ID:	VN0611WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086942.D	1		06/11/25 12:28	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	
Client Sample ID:	VN0611WBL01	SDG No.:	Q2231
Lab Sample ID:	VN0611WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086942.D	1		06/11/25 12:28	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.3		74 - 125	97%	SPK: 50
1868-53-7	Dibromofluoromethane	49.3		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	51.7		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.4		77 - 121	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	328000	8.23			
540-36-3	1,4-Difluorobenzene	619000	9.106			
3114-55-4	Chlorobenzene-d5	543000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	257000	13.788			

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	
Client Sample ID:	VN0611WBL01	SDG No.:	Q2231
Lab Sample ID:	VN0611WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086942.D	1		06/11/25 12:28	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	
Client Sample ID:	VN0611WBS02	SDG No.:	Q2231
Lab Sample ID:	VN0611WBS02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086944.D	1		06/11/25 13:27	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.7		0.22	1.00	ug/L
74-87-3	Chloromethane	16.1		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.9		0.26	1.00	ug/L
74-83-9	Bromomethane	16.6		1.40	5.00	ug/L
75-00-3	Chloroethane	19.4		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.2		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.6		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.2		0.23	1.00	ug/L
67-64-1	Acetone	99.0		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.8		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.6		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.0		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.0		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.5		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.4		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.6		1.50	5.00	ug/L
78-93-3	2-Butanone	90.4		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.2		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.5		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.9		0.22	1.00	ug/L
67-66-3	Chloroform	19.5		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.0		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	16.9		0.16	1.00	ug/L
71-43-2	Benzene	19.3		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.5		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.9		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.6		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.6		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	98.0		0.68	5.00	ug/L
108-88-3	Toluene	19.5		0.14	1.00	ug/L

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	
Client Sample ID:	VN0611WBS02	SDG No.:	Q2231
Lab Sample ID:	VN0611WBS02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086944.D	1		06/11/25 13:27	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.9		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.1		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.4		0.21	1.00	ug/L
591-78-6	2-Hexanone	89.2		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.5		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.7		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	19.2		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.0		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.6		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	39.6		0.24	2.00	ug/L
95-47-6	o-Xylene	20.2		0.12	1.00	ug/L
100-42-5	Styrene	20.1		0.15	1.00	ug/L
75-25-2	Bromoform	21.0		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.3		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	21.0		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.3		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.4		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.0		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.2		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.4		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.8		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.1		74 - 125	94%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	48.7		86 - 113	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.0		77 - 121	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	207000	8.235			
540-36-3	1,4-Difluorobenzene	371000	9.106			
3114-55-4	Chlorobenzene-d5	321000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	157000	13.788			

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	
Client Sample ID:	VN0611WBS02	SDG No.:	Q2231
Lab Sample ID:	VN0611WBS02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086944.D	1		06/11/25 13:27	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	
Client Sample ID:	VN0611WBSD02	SDG No.:	Q2231
Lab Sample ID:	VN0611WBSD02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086945.D	1		06/11/25 14:01	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.1		0.22	1.00	ug/L
74-87-3	Chloromethane	15.5		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.7		0.26	1.00	ug/L
74-83-9	Bromomethane	16.2		1.40	5.00	ug/L
75-00-3	Chloroethane	18.9		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.0		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.7		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.1		0.23	1.00	ug/L
67-64-1	Acetone	92.4		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.2		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.2		0.16	1.00	ug/L
79-20-9	Methyl Acetate	20.1		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.1		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.6		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.3		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.2		1.50	5.00	ug/L
78-93-3	2-Butanone	94.9		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.6		0.19	1.00	ug/L
74-97-5	Bromochloromethane	21.1		0.22	1.00	ug/L
67-66-3	Chloroform	19.4		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.8		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	16.6		0.16	1.00	ug/L
71-43-2	Benzene	19.7		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.3		0.22	1.00	ug/L
79-01-6	Trichloroethene	20.1		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.0		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.7		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	5.00	ug/L
108-88-3	Toluene	19.9		0.14	1.00	ug/L

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	
Client Sample ID:	VN0611WBSD02	SDG No.:	Q2231
Lab Sample ID:	VN0611WBSD02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086945.D	1		06/11/25 14:01	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	20.7		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.7		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.9		0.21	1.00	ug/L
591-78-6	2-Hexanone	93.8		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	21.2		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.7		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.5		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.2		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.3		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	39.5		0.24	2.00	ug/L
95-47-6	o-Xylene	20.0		0.12	1.00	ug/L
100-42-5	Styrene	20.6		0.15	1.00	ug/L
75-25-2	Bromoform	22.4		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.3		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	21.7		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.5		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.4		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.6		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.8		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.7		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.1		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.9		74 - 125	96%	SPK: 50
1868-53-7	Dibromofluoromethane	52.3		75 - 124	105%	SPK: 50
2037-26-5	Toluene-d8	49.5		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.1		77 - 121	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	200000	8.229			
540-36-3	1,4-Difluorobenzene	354000	9.106			
3114-55-4	Chlorobenzene-d5	311000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	152000	13.788			

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	
Client Sample ID:	VN0611WBSD02	SDG No.:	Q2231
Lab Sample ID:	VN0611WBSD02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086945.D	1		06/11/25 14:01	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2231 SAS No.: Q2231 SDG No.: Q2231

Instrument ID: MSVOA_N Calibration Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:44 14:49

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF001 = VN086862.D RRF005 = VN086863.D RRF020 = VN086864.D
RRF050 = VN086865.D RRF100 = VN086866.D RRF150 = VN086867.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.467	0.444	0.539	0.501	0.535	0.506	0.499	7.5
Chloromethane	0.762	0.654	0.645	0.597	0.617	0.587	0.644	9.9
Vinyl Chloride	0.670	0.670	0.684	0.640	0.673	0.648	0.664	2.5
Bromomethane		0.375	0.380	0.357	0.379	0.368	0.372	2.6
Chloroethane	0.460	0.444	0.442	0.408	0.418	0.402	0.429	5.4
Trichlorofluoromethane	0.882	0.903	0.904	0.834	0.858	0.825	0.868	3.9
1,1,2-Trichlorotrifluoroethane	0.554	0.567	0.563	0.519	0.546	0.520	0.545	3.8
1,1-Dichloroethene	0.573	0.593	0.563	0.533	0.550	0.527	0.557	4.4
Acetone	0.426	0.366	0.366	0.322	0.334	0.316	0.355	11.5
Carbon Disulfide	1.718	1.622	1.542	1.426	1.496	1.433	1.539	7.4
Methyl tert-butyl Ether	2.120	2.038	2.051	1.933	2.021	1.926	2.015	3.7
Methyl Acetate	1.035	1.049	1.078	0.986	1.049	1.011	1.035	3.1
Methylene Chloride	0.822	0.688	0.643	0.605	0.629	0.601	0.665	12.5
trans-1,2-Dichloroethene	0.700	0.674	0.621	0.567	0.591	0.561	0.619	9.3
1,1-Dichloroethane	1.192	1.153	1.156	1.063	1.110	1.043	1.120	5.2
Cyclohexane		1.303	1.116	1.004	1.030	0.976	1.086	12.2
2-Butanone	0.604	0.598	0.604	0.551	0.573	0.533	0.577	5.2
Carbon Tetrachloride	0.453	0.449	0.434	0.409	0.435	0.421	0.433	3.9
cis-1,2-Dichloroethene	0.786	0.766	0.762	0.699	0.729	0.701	0.740	4.9
Bromochloromethane	0.579	0.564	0.616	0.466	0.517	0.560	0.550	9.5
Chloroform	1.235	1.152	1.145	1.061	1.085	1.030	1.118	6.7
1,1,1-Trichloroethane	1.029	0.995	0.969	0.895	0.925	0.893	0.951	5.9
Methylcyclohexane	0.633	0.645	0.588	0.570	0.603	0.589	0.605	4.8
Benzene	1.588	1.501	1.444	1.345	1.414	1.371	1.444	6.2
1,2-Dichloroethane	0.473	0.456	0.444	0.411	0.430	0.413	0.438	5.6
Trichloroethene	0.359	0.360	0.341	0.327	0.340	0.328	0.342	4.2
1,2-Dichloropropane	0.366	0.369	0.354	0.332	0.352	0.335	0.351	4.4
Bromodichloromethane	0.510	0.484	0.480	0.457	0.483	0.465	0.480	3.8
4-Methyl-2-Pentanone	0.505	0.549	0.576	0.538	0.562	0.528	0.543	4.6
Toluene	0.918	0.914	0.885	0.835	0.883	0.859	0.882	3.6

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2231 SAS No.: Q2231 SDG No.: Q2231

Instrument ID: MSVOA_N Calibration Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:44 14:49

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF001 = VN086862.D RRF005 = VN086863.D RRF020 = VN086864.D
RRF050 = VN086865.D RRF100 = VN086866.D RRF150 = VN086867.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.571	0.526	0.524	0.522	0.548	0.530	0.537	3.6
cis-1,3-Dichloropropene	0.609	0.577	0.564	0.551	0.584	0.561	0.574	3.6
1,1,2-Trichloroethane	0.359	0.355	0.342	0.322	0.335	0.323	0.340	4.7
2-Hexanone	0.312	0.282	0.363	0.368	0.397	0.376	0.350	12.4
Dibromochloromethane	0.361	0.351	0.358	0.340	0.363	0.349	0.354	2.5
1,2-Dibromoethane	0.353	0.358	0.354	0.329	0.354	0.341	0.348	3.2
Tetrachloroethene	0.355	0.331	0.312	0.294	0.313	0.293	0.316	7.5
Chlorobenzene	1.233	1.135	1.107	1.023	1.089	1.030	1.103	7
Ethyl Benzene	1.989	1.975	1.907	1.796	1.913	1.816	1.900	4.2
m/p-Xylenes	0.730	0.751	0.741	0.701	0.736	0.703	0.727	2.8
o-Xylene	0.714	0.699	0.702	0.674	0.711	0.678	0.696	2.4
Styrene	1.177	1.193	1.226	1.162	1.229	1.164	1.192	2.5
Bromoform	0.217	0.266	0.276	0.265	0.286	0.267	0.263	9.1
Isopropylbenzene	3.864	3.749	3.649	3.426	3.621	3.546	3.643	4.2
1,1,2,2-Tetrachloroethane	1.292	1.299	1.273	1.178	1.205	1.157	1.234	5
1,3-Dichlorobenzene	1.763	1.709	1.657	1.554	1.612	1.566	1.644	5
1,4-Dichlorobenzene	1.820	1.786	1.657	1.572	1.642	1.576	1.676	6.3
1,2-Dichlorobenzene	1.675	1.651	1.596	1.500	1.557	1.496	1.579	4.8
1,2-Dibromo-3-Chloropropane	0.339	0.317	0.290	0.272	0.283	0.270	0.295	9.3
1,2,4-Trichlorobenzene	1.042	1.037	0.991	0.969	1.016	0.994	1.008	2.8
1,2,3-Trichlorobenzene	1.073	1.009	0.993	0.950	1.000	0.987	1.002	4
1,2-Dichloroethane-d4		0.732	0.707	0.500	0.656	0.751	0.669	15.1
Dibromofluoromethane		0.303	0.310	0.219	0.298	0.351	0.296	16.2
Toluene-d8		1.245	1.203	0.861	1.178	1.377	1.173	16.2
4-Bromofluorobenzene		0.441	0.446	0.325	0.446	0.521	0.436	16.2

* Compounds with required minimum RRF and maximum %RSD values.
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Alliance TECHNICAL GROUP
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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2231 SAS No.: Q2231 SDG No.: Q2231

Instrument ID: MSVOA_N Calibration Date/Time: 06/11/2025 11:32

Lab File ID: VN086940.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:44 14:49

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.499	0.538		7.82	20
Chloromethane	0.644	0.555	0.1	-13.82	20
Vinyl Chloride	0.664	0.701		5.57	20
Bromomethane	0.372	0.312		-16.13	20
Chloroethane	0.429	0.457		6.53	20
Trichlorofluoromethane	0.868	0.930		7.14	20
1,1,2-Trichlorotrifluoroethane	0.545	0.582		6.79	20
1,1-Dichloroethene	0.557	0.593		6.46	20
Acetone	0.355	0.384		8.17	20
Carbon Disulfide	1.539	1.505		-2.21	20
Methyl tert-butyl Ether	2.015	2.172		7.79	20
Methyl Acetate	1.035	1.085		4.83	20
Methylene Chloride	0.665	0.673		1.2	20
trans-1,2-Dichloroethene	0.619	0.633		2.26	20
1,1-Dichloroethane	1.120	1.178	0.1	5.18	20
Cyclohexane	1.086	1.017		-6.35	20
2-Butanone	0.577	0.568		-1.56	20
Carbon Tetrachloride	0.433	0.472		9.01	20
cis-1,2-Dichloroethene	0.740	0.793		7.16	20
Bromochloromethane	0.550	0.578		5.09	20
Chloroform	1.118	1.176		5.19	20
1,1,1-Trichloroethane	0.951	0.976		2.63	20
Methylcyclohexane	0.605	0.576		-4.79	20
Benzene	1.444	1.554		7.55	20
1,2-Dichloroethane	0.438	0.472		7.76	20
Trichloroethene	0.342	0.382		11.7	20
1,2-Dichloropropane	0.351	0.384		9.4	20
Bromodichloromethane	0.480	0.532		10.83	20
4-Methyl-2-Pentanone	0.543	0.590		8.66	20
Toluene	0.882	0.978		10.88	20
t-1,3-Dichloropropene	0.537	0.609		13.41	20
cis-1,3-Dichloropropene	0.574	0.661		15.16	20
1,1,2-Trichloroethane	0.340	0.383		12.65	20
2-Hexanone	0.350	0.395		12.86	20
Dibromochloromethane	0.354	0.414		16.95	20
1,2-Dibromoethane	0.348	0.385		10.63	20
Tetrachloroethene	0.316	0.337		6.65	20
Chlorobenzene	1.103	1.222	0.3	10.79	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

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Heated Purge: (Y/N) N Init. Calib. Time(s): 12:44 14:49

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.900	2.059		8.37	20
m/p-Xylenes	0.727	0.802		10.32	20
o-Xylene	0.696	0.782		12.36	20
Styrene	1.192	1.358		13.93	20
Bromoform	0.263	0.319	0.1	21.29	20
Isopropylbenzene	3.643	3.898		7	20
1,1,2,2-Tetrachloroethane	1.234	1.402	0.3	13.61	20
1,3-Dichlorobenzene	1.644	1.843		12.1	20
1,4-Dichlorobenzene	1.676	1.887		12.59	20
1,2-Dichlorobenzene	1.579	1.761		11.53	20
1,2-Dibromo-3-Chloropropane	0.295	0.311		5.42	20
1,2,4-Trichlorobenzene	1.008	1.052		4.36	20
1,2,3-Trichlorobenzene	1.002	0.995		-0.7	20
1,2-Dichloroethane-d4	0.669	0.622		-7.03	20
Dibromofluoromethane	0.296	0.309		4.39	20
Toluene-d8	1.173	1.181		0.68	20
4-Bromofluorobenzene	0.436	0.440		0.92	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.