

LAB CHRONICLE

OrderID:	Q2202	OrderDate:	6/4/2025 11:59:00 AM
Client:	PARSONS Engineering of New York, Inc.	Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05
Contact:	Stephen Liberatore	Location:	N31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2202-01	MW-9-20250603	Water	VOCMS Group1	8260-Low	06/03/25		06/10/25	06/03/25
Q2202-02	MW-11-20250603	Water	VOCMS Group1	8260-Low	06/03/25		06/10/25	06/03/25
Q2202-03	MW-12-20250603	Water	VOCMS Group1	8260-Low	06/03/25		06/10/25	06/03/25
Q2202-03DL	MW-12-20250603DL	Water	VOCMS Group1	8260-Low	06/03/25		06/11/25	06/03/25
Q2202-04	MW-13D-20250603	Water	VOCMS Group1	8260-Low	06/03/25		06/11/25	06/03/25
Q2202-05	MW-1A-20250603	Water	VOCMS Group1	8260-Low	06/03/25		06/11/25	06/03/25
Q2202-06	TB-20250603	Water	VOCMS Group1	8260-Low	06/03/25		06/11/25	06/03/25

Hit Summary Sheet
SW-846

SDG No.: Q2202

Client: PARSONS Engineering of New York, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: MW-9-20250603								
Q2202-01	MW-9-20250603	Water	Acetone	2.20	J	1.50	5.00	ug/L
Q2202-01	MW-9-20250603	Water	2-Butanone	1.30	J	0.98	5.00	ug/L
Q2202-01	MW-9-20250603	Water	Chloroform	7.10		0.25	1.00	ug/L
Q2202-01	MW-9-20250603	Water	Trichloroethene	0.32	J	0.090	1.00	ug/L
Q2202-01	MW-9-20250603	Water	Tetrachloroethene	0.39	J	0.23	1.00	ug/L
			Total Voc :			11.3		
Q2202-01	MW-9-20250603	Water	sec-Butylbenzene	* 0.24	J	0.13	1.00	ug/L
			Total Tics :			0.24		
			Total Concentration:			11.6		
Client ID: MW-11-20250603								
Q2202-02	MW-11-20250603	Water	Acetone	1.90	J	1.50	5.00	ug/L
Q2202-02	MW-11-20250603	Water	Methyl tert-butyl Ether	0.64	J	0.16	1.00	ug/L
Q2202-02	MW-11-20250603	Water	Chloroform	0.51	J	0.25	1.00	ug/L
Q2202-02	MW-11-20250603	Water	Tetrachloroethene	1.90		0.23	1.00	ug/L
			Total Voc :			4.95		
			Total Concentration:			4.95		
Client ID: MW-12-20250603								
Q2202-03	MW-12-20250603	Water	Acetone	3.30	J	1.50	5.00	ug/L
Q2202-03	MW-12-20250603	Water	Carbon Disulfide	19.5		0.21	1.00	ug/L
Q2202-03	MW-12-20250603	Water	Methyl tert-butyl Ether	1.20		0.16	1.00	ug/L
Q2202-03	MW-12-20250603	Water	Methylcyclohexane	18.5		0.16	1.00	ug/L
Q2202-03	MW-12-20250603	Water	Benzene	4.10		0.15	1.00	ug/L
Q2202-03	MW-12-20250603	Water	Trichloroethene	0.56	J	0.090	1.00	ug/L
Q2202-03	MW-12-20250603	Water	Toluene	1.90		0.14	1.00	ug/L
Q2202-03	MW-12-20250603	Water	Ethyl Benzene	240	E	0.13	1.00	ug/L
Q2202-03	MW-12-20250603	Water	m/p-Xylenes	13.1		0.24	2.00	ug/L
Q2202-03	MW-12-20250603	Water	o-Xylene	13.5		0.12	1.00	ug/L
Q2202-03	MW-12-20250603	Water	Isopropylbenzene	65.7		0.12	1.00	ug/L
			Total Voc :			381		
Q2202-03	MW-12-20250603	Water	Benzene, 1,2,4,5-tetramethyl-	* 15.1	J	0	0	ug/L
Q2202-03	MW-12-20250603	Water	Azulene	* 250	J	0	0	ug/L
Q2202-03	MW-12-20250603	Water	Indane	* 130	J	0	0	ug/L
Q2202-03	MW-12-20250603	Water	Benzene, 1-ethyl-2-methyl-	* 35.4	J	0	0	ug/L
Q2202-03	MW-12-20250603	Water	Indan, 1-methyl-	* 54.8	J	0	0	ug/L
Q2202-03	MW-12-20250603	Water	1H-Indene, 2,3-dihydro-4-meth	* 35.4	J	0	0	ug/L
Q2202-03	MW-12-20250603	Water	Benzene, 1-ethyl-2,4-dimethyl-	* 45.1	J	0	0	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q2202

Client: PARSONS Engineering of New York, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2202-03	MW-12-20250603	Water	2-Methylindene	* 29.2	J	0	0	ug/L
Q2202-03	MW-12-20250603	Water	Sulfur dioxide	* 39.3	J	0	0	ug/L
Q2202-03	MW-12-20250603	Water	n-propylbenzene	* 73.5	J	0.13	1.00	ug/L
Q2202-03	MW-12-20250603	Water	1,3,5-Trimethylbenzene	* 26.1	J	0.15	1.00	ug/L
Q2202-03	MW-12-20250603	Water	1,2,4-Trimethylbenzene	* 240	J	0.14	1.00	ug/L
Q2202-03	MW-12-20250603	Water	sec-Butylbenzene	* 3.20	J	0.13	1.00	ug/L
Q2202-03	MW-12-20250603	Water	p-Isopropyltoluene	* 6.20	J	0.13	1.00	ug/L
Q2202-03	MW-12-20250603	Water	n-Butylbenzene	* 4.40	J	0.15	1.00	ug/L
Total Tics :				988				
Total Concentration:				1370				
Client ID:	MW-12-20250603DL							
Q2202-03DL	MW-12-20250603E	Water	Carbon Disulfide	28.4	D	1.10	5.00	ug/L
Q2202-03DL	MW-12-20250603E	Water	Methylcyclohexane	17.3	D	0.80	5.00	ug/L
Q2202-03DL	MW-12-20250603E	Water	Benzene	3.90	JD	0.75	5.00	ug/L
Q2202-03DL	MW-12-20250603E	Water	Toluene	2.00	JD	0.70	5.00	ug/L
Q2202-03DL	MW-12-20250603E	Water	Ethyl Benzene	220	D	0.65	5.00	ug/L
Q2202-03DL	MW-12-20250603E	Water	m/p-Xylenes	13.1	D	1.20	10.0	ug/L
Q2202-03DL	MW-12-20250603E	Water	o-Xylene	12.5	D	0.60	5.00	ug/L
Q2202-03DL	MW-12-20250603E	Water	Isopropylbenzene	58.5	D	0.60	5.00	ug/L
Total Voc :				356				
Total Concentration:				356				
Client ID:	MW-13D-20250603							
Q2202-04	MW-13D-20250603	Water	Acetone	1.50	J	1.50	5.00	ug/L
Q2202-04	MW-13D-20250603	Water	Chloroform	2.00		0.25	1.00	ug/L
Q2202-04	MW-13D-20250603	Water	Tetrachloroethene	2.80		0.23	1.00	ug/L
Total Voc :				6.30				
Q2202-04	MW-13D-20250603	Water	Naphthalene	* 0.26	J	0.20	1.00	ug/L
Total Tics :				0.26				
Total Concentration:				6.56				
Client ID:	MW-1A-20250603							
Q2202-05	MW-1A-20250603	Water	Acetone	4.40	J	1.50	5.00	ug/L
Q2202-05	MW-1A-20250603	Water	2-Butanone	1.20	J	0.98	5.00	ug/L
Q2202-05	MW-1A-20250603	Water	Chloroform	1.50		0.25	1.00	ug/L
Q2202-05	MW-1A-20250603	Water	Benzene	2.20		0.15	1.00	ug/L
Q2202-05	MW-1A-20250603	Water	4-Methyl-2-Pentanone	0.85	J	0.68	5.00	ug/L
Total Voc :				10.2				
Q2202-05	MW-1A-20250603	Water	Naphthalene	* 0.34	J	0.20	1.00	ug/L
Total Tics :				0.34				

Hit Summary Sheet
SW-846

SDG No.: Q2202

Client: PARSONS Engineering of New York, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				10.5				



SAMPLE DATA

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	06/03/25	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05		Date Received:	06/03/25	
Client Sample ID:	MW-9-20250603		SDG No.:	Q2202	
Lab Sample ID:	Q2202-01		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
VN086934.D	1		06/10/25 17:09	VN061025

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	2.20	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	1.30	J	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	7.10		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	0.32	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	0.14	U	0.14	1.00	ug/L

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/03/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/03/25
Client Sample ID:	MW-9-20250603	SDG No.:	Q2202
Lab Sample ID:	Q2202-01	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
VN086934.D	1		06/10/25 17:09	VN061025

[illegible]

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	06/03/25	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05		Date Received:	06/03/25	
Client Sample ID:	MW-9-20250603		SDG No.:	Q2202	
Lab Sample ID:	Q2202-01		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
VN086934.D	1		06/10/25 17:09	VN061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
135-98-8	sec-Butylbenzene	0.24	J		13.6	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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	06/03/25	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05		Date Received:	06/03/25	
Client Sample ID:	MW-11-20250603		SDG No.:	Q2202	
Lab Sample ID:	Q2202-02		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
VN086935.D	1		06/10/25 17:31	VN061025

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	1.90	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	0.64	J	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	0.51	J	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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	06/03/25	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05		Date Received:	06/03/25	
Client Sample ID:	MW-11-20250603		SDG No.:	Q2202	
Lab Sample ID:	Q2202-02		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
VN086935.D	1		06/10/25 17:31	VN061025

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	1.90		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	49.7		74 - 125	99%	SPK: 50
1868-53-7	Dibromofluoromethane	50.2		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	52.1		86 - 113	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.9		77 - 121	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	320000	8.235			
540-36-3	1,4-Difluorobenzene	603000	9.106			
3114-55-4	Chlorobenzene-d5	539000	11.864			
3855-82-1	1,4-Dichlorobenzene-d4	260000	13.794			

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	06/03/25	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05		Date Received:	06/03/25	
Client Sample ID:	MW-11-20250603		SDG No.:	Q2202	
Lab Sample ID:	Q2202-02		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
VN086935.D	1		06/10/25 17:31	VN061025

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	06/03/25	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05		Date Received:	06/03/25	
Client Sample ID:	MW-12-20250603		SDG No.:	Q2202	
Lab Sample ID:	Q2202-03		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
VN086936.D	1		06/10/25 17:52	VN061025

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	3.30	J	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	19.5		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	1.20		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	18.5		0.16	1.00	ug/L
71-43-2	Benzene	4.10		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	0.56	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	1.90		0.14	1.00	ug/L

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/03/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/03/25
Client Sample ID:	MW-12-20250603	SDG No.:	Q2202
Lab Sample ID:	Q2202-03	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
VN086936.D	1		06/10/25 17:52	VN061025

[illegible]

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	06/03/25	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05		Date Received:	06/03/25	
Client Sample ID:	MW-12-20250603		SDG No.:	Q2202	
Lab Sample ID:	Q2202-03		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
VN086936.D	1		06/10/25 17:52	VN061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	39.3	J		2.33	ug/L
103-65-1	n-propylbenzene	73.5	J		13.0	ug/L
108-67-8	1,3,5-Trimethylbenzene	26.1	J		13.2	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	35.4	J		13.3	ug/L
95-63-6	1,2,4-Trimethylbenzene	240	J		13.5	ug/L
135-98-8	sec-Butylbenzene	3.20	J		13.6	ug/L
99-87-6	p-Isopropyltoluene	6.20	J		13.7	ug/L
000496-11-7	Indane	130	J		14.0	ug/L
104-51-8	n-Butylbenzene	4.40	J		14.1	ug/L
000767-58-8	Indan, 1-methyl-	54.8	J		14.4	ug/L
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	15.1	J		14.7	ug/L
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	35.4	J		14.9	ug/L
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	45.1	J		15.0	ug/L
002177-47-1	2-Methylindene	29.2	J		15.2	ug/L
000275-51-4	Azulene	250	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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	06/03/25	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05		Date Received:	06/03/25	
Client Sample ID:	MW-12-20250603DL		SDG No.:	Q2202	
Lab Sample ID:	Q2202-03DL		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
VN086947.D	5		06/11/25 14:44	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	UD	1.10	5.00	ug/L
74-87-3	Chloromethane	1.60	UD	1.60	5.00	ug/L
75-01-4	Vinyl Chloride	1.30	UD	1.30	5.00	ug/L
74-83-9	Bromomethane	7.20	UD	7.20	25.0	ug/L
75-00-3	Chloroethane	2.40	UD	2.40	5.00	ug/L
75-69-4	Trichlorofluoromethane	1.70	UD	1.70	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	UD	1.30	5.00	ug/L
75-35-4	1,1-Dichloroethene	1.20	UD	1.20	5.00	ug/L
67-64-1	Acetone	7.60	UD	7.60	25.0	ug/L
75-15-0	Carbon Disulfide	28.4	D	1.10	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.80	UD	0.80	5.00	ug/L
79-20-9	Methyl Acetate	1.40	UD	1.40	5.00	ug/L
75-09-2	Methylene Chloride	1.40	UD	1.40	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	1.20	UD	1.20	5.00	ug/L
75-34-3	1,1-Dichloroethane	1.20	UD	1.20	5.00	ug/L
110-82-7	Cyclohexane	7.30	UD	7.30	25.0	ug/L
78-93-3	2-Butanone	4.90	UD	4.90	25.0	ug/L
56-23-5	Carbon Tetrachloride	1.30	UD	1.30	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.95	UD	0.95	5.00	ug/L
74-97-5	Bromochloromethane	1.10	UD	1.10	5.00	ug/L
67-66-3	Chloroform	1.30	UD	1.30	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	1.00	UD	1.00	5.00	ug/L
108-87-2	Methylcyclohexane	17.3	D	0.80	5.00	ug/L
71-43-2	Benzene	3.90	JD	0.75	5.00	ug/L
107-06-2	1,2-Dichloroethane	1.10	UD	1.10	5.00	ug/L
79-01-6	Trichloroethene	0.47	UD	0.47	5.00	ug/L
78-87-5	1,2-Dichloropropane	1.00	UD	1.00	5.00	ug/L
75-27-4	Bromodichloromethane	1.10	UD	1.10	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	3.40	UD	3.40	25.0	ug/L
108-88-3	Toluene	2.00	JD	0.70	5.00	ug/L

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	06/03/25	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05		Date Received:	06/03/25	
Client Sample ID:	MW-12-20250603DL		SDG No.:	Q2202	
Lab Sample ID:	Q2202-03DL		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
VN086947.D	5		06/11/25 14:44	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.85	UD	0.85	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.80	UD	0.80	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	1.10	UD	1.10	5.00	ug/L
591-78-6	2-Hexanone	4.50	UD	4.50	25.0	ug/L
124-48-1	Dibromochloromethane	0.90	UD	0.90	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.75	UD	0.75	5.00	ug/L
127-18-4	Tetrachloroethene	1.20	UD	1.20	5.00	ug/L
108-90-7	Chlorobenzene	0.60	UD	0.60	5.00	ug/L
100-41-4	Ethyl Benzene	220	D	0.65	5.00	ug/L
179601-23-1	m/p-Xylenes	13.1	D	1.20	10.0	ug/L
95-47-6	o-Xylene	12.5	D	0.60	5.00	ug/L
100-42-5	Styrene	0.75	UD	0.75	5.00	ug/L
75-25-2	Bromoform	0.95	UD	0.95	5.00	ug/L
98-82-8	Isopropylbenzene	58.5	D	0.60	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.30	UD	1.30	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.80	UD	0.80	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.95	UD	0.95	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.80	UD	0.80	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	2.70	UD	2.70	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.00	UD	1.00	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.00	UD	1.00	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.3		74 - 125	101%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	52.2		86 - 113	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.3		77 - 121	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	328000	8.236			
540-36-3	1,4-Difluorobenzene	626000	9.106			
3114-55-4	Chlorobenzene-d5	565000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	268000	13.788			

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	06/03/25	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05		Date Received:	06/03/25	
Client Sample ID:	MW-13D-20250603		SDG No.:	Q2202	
Lab Sample ID:	Q2202-04		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
VN086952.D	1		06/11/25 16:35	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	2.00		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	0.14	U	0.14	1.00	ug/L

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/03/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/03/25
Client Sample ID:	MW-13D-20250603	SDG No.:	Q2202
Lab Sample ID:	Q2202-04	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
VN086952.D	1		06/11/25 16:35	VN061125

[illegible]

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	06/03/25	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05		Date Received:	06/03/25	
Client Sample ID:	MW-13D-20250603		SDG No.:	Q2202	
Lab Sample ID:	Q2202-04		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
VN086952.D	1		06/11/25 16:35	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
91-20-3	Naphthalene	0.26	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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	06/03/25	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05		Date Received:	06/03/25	
Client Sample ID:	MW-1A-20250603		SDG No.:	Q2202	
Lab Sample ID:	Q2202-05		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
VN086951.D	1		06/11/25 16:12	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	4.40	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	1.20	J	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	1.50		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	2.20		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	0.85	J	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.			Date Collected:	06/03/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05			Date Received:	06/03/25
Client Sample ID:	MW-1A-20250603			SDG No.:	Q2202
Lab Sample ID:	Q2202-05			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
VN086951.D	1		06/11/25 16:12	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	50.7		74 - 125	101%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	52.0		86 - 113	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.8		77 - 121	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	322000	8.23			
540-36-3	1,4-Difluorobenzene	621000	9.106			
3114-55-4	Chlorobenzene-d5	554000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	264000	13.788			

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.			Date Collected:	06/03/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05			Date Received:	06/03/25
Client Sample ID:	MW-1A-20250603			SDG No.:	Q2202
Lab Sample ID:	Q2202-05			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
VN086951.D	1		06/11/25 16:12	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
91-20-3	Naphthalene	0.34	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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	06/03/25	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05		Date Received:	06/03/25	
Client Sample ID:	TB-20250603		SDG No.:	Q2202	
Lab Sample ID:	Q2202-06		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
VN086949.D	1		06/11/25 15:28	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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/03/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/03/25
Client Sample ID:	TB-20250603	SDG No.:	Q2202
Lab Sample ID:	Q2202-06	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
VN086949.D	1		06/11/25 15:28	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	48.9		74 - 125	98%	SPK: 50
1868-53-7	Dibromofluoromethane	49.3		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	51.8		86 - 113	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.7		77 - 121	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	324000	8.23			
540-36-3	1,4-Difluorobenzene	611000	9.106			
3114-55-4	Chlorobenzene-d5	539000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	263000	13.794			

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	06/03/25	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05		Date Received:	06/03/25	
Client Sample ID:	TB-20250603		SDG No.:	Q2202	
Lab Sample ID:	Q2202-06		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
VN086949.D	1		06/11/25 15:28	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



QC SUMMARY

Surrogate Summary

SDG No.: **Q2202**

Client: **PARSONS Engineering of New York, Inc.**

Analytical Method: **SW8260-Low**

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
Q2202-01	MW-9-20250603	1,2-Dichloroethane-d4	50	49.2	98	74	125
		Dibromofluoromethane	50	49.4	99	75	124
		Toluene-d8	50	52.2	104	86	113
		4-Bromofluorobenzene	50	50.1	100	77	121
Q2202-02	MW-11-20250603	1,2-Dichloroethane-d4	50	49.7	99	74	125
		Dibromofluoromethane	50	50.2	100	75	124
		Toluene-d8	50	52.1	104	86	113
		4-Bromofluorobenzene	50	49.9	100	77	121
Q2202-03	MW-12-20250603	1,2-Dichloroethane-d4	50	49.2	98	74	125
		Dibromofluoromethane	50	49.6	99	75	124
		Toluene-d8	50	52.6	105	86	113
		4-Bromofluorobenzene	50	50.2	100	77	121
Q2202-03DL	MW-12-20250603DL	1,2-Dichloroethane-d4	50	50.3	101	74	125
		Dibromofluoromethane	50	50.1	100	75	124
		Toluene-d8	50	52.2	104	86	113
		4-Bromofluorobenzene	50	51.3	103	77	121
Q2202-04	MW-13D-20250603	1,2-Dichloroethane-d4	50	48.4	97	74	125
		Dibromofluoromethane	50	49.0	98	75	124
		Toluene-d8	50	51.3	103	86	113
		4-Bromofluorobenzene	50	48.9	98	77	121
Q2202-05	MW-1A-20250603	1,2-Dichloroethane-d4	50	50.7	101	74	125
		Dibromofluoromethane	50	50.0	100	75	124
		Toluene-d8	50	52.0	104	86	113
		4-Bromofluorobenzene	50	49.8	100	77	121
Q2202-06	TB-20250603	1,2-Dichloroethane-d4	50	48.9	98	74	125
		Dibromofluoromethane	50	49.4	99	75	124
		Toluene-d8	50	51.8	104	86	113
		4-Bromofluorobenzene	50	49.7	99	77	121
VN0610WBL01	VN0610WBL01	1,2-Dichloroethane-d4	50	46.7	93	74	125
		Dibromofluoromethane	50	49.0	98	75	124
		Toluene-d8	50	51.5	103	86	113
		4-Bromofluorobenzene	50	49.0	98	77	121
VN0610WBS01	VN0610WBS01	1,2-Dichloroethane-d4	50	45.4	91	74	125
		Dibromofluoromethane	50	49.5	99	75	124
		Toluene-d8	50	48.6	97	86	113
		4-Bromofluorobenzene	50	48.3	97	77	121
VN0610WBSD0	VN0610WBSD01	1,2-Dichloroethane-d4	50	47.0	94	74	125
		Dibromofluoromethane	50	49.8	100	75	124
		Toluene-d8	50	48.1	96	86	113
		4-Bromofluorobenzene	50	48.6	97	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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2202

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8260-Low

Datafile : VN086916.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VN0610WBS01	Dichlorodifluoromethane	20	19.0	ug/L	95			69	116	
	Chloromethane	20	15.9	ug/L	79			65	116	
	Vinyl chloride	20	18.0	ug/L	90			65	117	
	Bromomethane	20	19.7	ug/L	99			58	125	
	Chloroethane	20	18.4	ug/L	92			56	128	
	Trichlorofluoromethane	20	18.3	ug/L	92			73	115	
	1,1,2-Trichlorotrifluoroethane	20	18.2	ug/L	91			80	112	
	1,1-Dichloroethene	20	18.7	ug/L	94			74	110	
	Acetone	100	80.3	ug/L	80			60	125	
	Carbon disulfide	20	17.1	ug/L	86			64	112	
	Methyl tert-butyl Ether	20	18.7	ug/L	94			78	114	
	Methyl Acetate	20	17.1	ug/L	86			67	125	
	Methylene Chloride	20	17.4	ug/L	87			72	114	
	trans-1,2-Dichloroethene	20	17.9	ug/L	90			75	108	
	1,1-Dichloroethane	20	18.2	ug/L	91			78	112	
	Cyclohexane	20	16.5	ug/L	83			75	110	
	2-Butanone	100	84.0	ug/L	84			65	122	
	Carbon Tetrachloride	20	18.8	ug/L	94			77	113	
	cis-1,2-Dichloroethene	20	18.7	ug/L	94			77	110	
	Bromochloromethane	20	16.6	ug/L	83			70	124	
	Chloroform	20	18.2	ug/L	91			79	113	
	1,1,1-Trichloroethane	20	18.1	ug/L	91			80	108	
	Methylcyclohexane	20	15.9	ug/L	79			72	115	
	Benzene	20	18.5	ug/L	93			82	109	
	1,2-Dichloroethane	20	18.7	ug/L	94			80	115	
	Trichloroethene	20	19.3	ug/L	97			77	113	
	1,2-Dichloropropane	20	18.6	ug/L	93			83	111	
	Bromodichloromethane	20	18.8	ug/L	94			83	110	
	4-Methyl-2-Pentanone	100	91.5	ug/L	92			74	118	
	Toluene	20	19.0	ug/L	95			82	110	
	t-1,3-Dichloropropene	20	19.6	ug/L	98			79	110	
	cis-1,3-Dichloropropene	20	19.3	ug/L	97			82	110	
	1,1,2-Trichloroethane	20	19.5	ug/L	98			83	112	
	2-Hexanone	100	87.4	ug/L	87			73	117	
	Dibromochloromethane	20	19.5	ug/L	98			82	110	
	1,2-Dibromoethane	20	18.9	ug/L	95			81	110	
	Tetrachloroethene	20	17.9	ug/L	90			67	123	
	Chlorobenzene	20	18.9	ug/L	95			82	109	
	Ethyl Benzene	20	18.3	ug/L	92			83	109	
	m/p-Xylenes	40	37.7	ug/L	94			82	110	
	o-Xylene	20	18.9	ug/L	95			83	109	
	Styrene	20	19.0	ug/L	95			80	111	
	Bromoform	20	20.1	ug/L	101			79	109	
	Isopropylbenzene	20	18.1	ug/L	91			83	112	
	1,1,2,2-Tetrachloroethane	20	19.4	ug/L	97			76	118	
	1,3-Dichlorobenzene	20	18.8	ug/L	94			82	108	
	1,4-Dichlorobenzene	20	18.7	ug/L	94			82	107	
	1,2-Dichlorobenzene	20	18.8	ug/L	94			82	109	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2202

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8260-Low

Datafile : VN086916.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VN0610WBS01	1,2-Dibromo-3-Chloropropane	20	18.6	ug/L	93			68	112	
	1,2,4-Trichlorobenzene	20	17.0	ug/L	85			75	113	
	1,2,3-Trichlorobenzene	20	15.7	ug/L	79			76	114	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2202

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8260-Low

Datafile : VN086917.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN0610WBSD01	Dichlorodifluoromethane	20	19.0	ug/L	95	0		69	116	20
	Chloromethane	20	16.1	ug/L	81	3		65	116	20
	Vinyl chloride	20	18.2	ug/L	91	1		65	117	20
	Bromomethane	20	19.2	ug/L	96	3		58	125	20
	Chloroethane	20	18.9	ug/L	95	3		56	128	20
	Trichlorofluoromethane	20	18.7	ug/L	94	2		73	115	20
	1,1,2-Trichlorotrifluoroethane	20	18.4	ug/L	92	1		80	112	20
	1,1-Dichloroethene	20	18.8	ug/L	94	0		74	110	20
	Acetone	100	84.2	ug/L	84	5		60	125	20
	Carbon disulfide	20	17.4	ug/L	87	1		64	112	20
	Methyl tert-butyl Ether	20	19.7	ug/L	99	5		78	114	20
	Methyl Acetate	20	18.6	ug/L	93	8		67	125	20
	Methylene Chloride	20	18.6	ug/L	93	7		72	114	20
	trans-1,2-Dichloroethene	20	18.3	ug/L	92	2		75	108	20
	1,1-Dichloroethane	20	18.9	ug/L	95	4		78	112	20
	Cyclohexane	20	16.9	ug/L	85	2		75	110	20
	2-Butanone	100	90.8	ug/L	91	8		65	122	20
	Carbon Tetrachloride	20	19.2	ug/L	96	2		77	113	20
	cis-1,2-Dichloroethene	20	19.2	ug/L	96	2		77	110	20
	Bromochloromethane	20	17.7	ug/L	89	7		70	124	20
	Chloroform	20	18.7	ug/L	94	3		79	113	20
	1,1,1-Trichloroethane	20	18.4	ug/L	92	1		80	108	20
	Methylcyclohexane	20	16.3	ug/L	81	3		72	115	20
	Benzene	20	19.0	ug/L	95	2		82	109	20
	1,2-Dichloroethane	20	19.9	ug/L	100	6		80	115	20
	Trichloroethene	20	19.7	ug/L	99	2		77	113	20
	1,2-Dichloropropane	20	19.5	ug/L	98	5		83	111	20
	Bromodichloromethane	20	20.0	ug/L	100	6		83	110	20
	4-Methyl-2-Pentanone	100	98.3	ug/L	98	6		74	118	20
	Toluene	20	19.4	ug/L	97	2		82	110	20
	t-1,3-Dichloropropene	20	20.6	ug/L	103	5		79	110	20
	cis-1,3-Dichloropropene	20	20.3	ug/L	102	5		82	110	20
	1,1,2-Trichloroethane	20	20.2	ug/L	101	3		83	112	20
	2-Hexanone	100	94.9	ug/L	95	9		73	117	20
	Dibromochloromethane	20	20.9	ug/L	104	6		82	110	20
	1,2-Dibromoethane	20	20.3	ug/L	102	7		81	110	20
	Tetrachloroethene	20	18.4	ug/L	92	2		67	123	20
	Chlorobenzene	20	19.8	ug/L	99	4		82	109	20
	Ethyl Benzene	20	18.8	ug/L	94	2		83	109	20
	m/p-Xylenes	40	38.0	ug/L	95	1		82	110	20
	o-Xylene	20	19.7	ug/L	99	4		83	109	20
	Styrene	20	19.8	ug/L	99	4		80	111	20
	Bromoform	20	21.0	ug/L	105	4		79	109	20
	Isopropylbenzene	20	18.6	ug/L	93	2		83	112	20
	1,1,2,2-Tetrachloroethane	20	20.9	ug/L	104	7		76	118	20
	1,3-Dichlorobenzene	20	19.5	ug/L	98	4		82	108	20
	1,4-Dichlorobenzene	20	19.3	ug/L	97	3		82	107	20
	1,2-Dichlorobenzene	20	19.8	ug/L	99	5		82	109	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2202

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8260-Low

Datafile : VN086917.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN0610WBSD01	1,2-Dibromo-3-Chloropropane	20	19.3	ug/L	97	4		68	112	20
	1,2,4-Trichlorobenzene	20	17.2	ug/L	86	1		75	113	20
	1,2,3-Trichlorobenzene	20	16.6	ug/L	83	5		76	114	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2202

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8260-Low

Datafile : VN086944.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	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	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2202

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8260-Low

Datafile : VN086944.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	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	

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0610WBL01

Lab Name: CHEMTECH

Contract: PARS02

Lab Code: CHEM Case No.: Q2202

SAS No.: Q2202 SDG NO.: Q2202

Lab File ID: VN086915.D

Lab Sample ID: VN0610WBL01

Date Analyzed: 06/10/2025

Time Analyzed: 10:09

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
VN0610WBS01	VN0610WBS01	VN086916.D	06/10/2025
VN0610WBSD01	VN0610WBSD01	VN086917.D	06/10/2025
MW-9-20250603	Q2202-01	VN086934.D	06/10/2025
MW-11-20250603	Q2202-02	VN086935.D	06/10/2025
MW-12-20250603	Q2202-03	VN086936.D	06/10/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0611WBL01

Lab Name: CHEMTECH

Contract: PARS02

Lab Code: CHEM Case No.: Q2202

SAS No.: Q2202 SDG NO.: Q2202

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
MW-12-20250603DL	Q2202-03DL	VN086947.D	06/11/2025
TB-20250603	Q2202-06	VN086949.D	06/11/2025
MW-1A-20250603	Q2202-05	VN086951.D	06/11/2025
MW-13D-20250603	Q2202-04	VN086952.D	06/11/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: PARS02
Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG NO.: Q2202
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
VSTDIC001	VSTDIC001	VN086862.D	06/06/2025	12:44
VSTDIC005	VSTDIC005	VN086863.D	06/06/2025	13:17
VSTDIC020	VSTDIC020	VN086864.D	06/06/2025	13:40
VSTDIC050	VSTDIC050	VN086865.D	06/06/2025	14:03
VSTDIC100	VSTDIC100	VN086866.D	06/06/2025	14:26
VSTDIC150	VSTDIC150	VN086867.D	06/06/2025	14:49

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: PARS02
Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG NO.: Q2202
Lab File ID: VN086912.D BFB Injection Date: 06/10/2025
Instrument ID: MSVOA_N BFB Injection Time: 08:39
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	16.1
75	30.0 - 60.0% of mass 95	47.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.6 (0.8) 1
174	50.0 - 100.0% of mass 95	73.1
175	5.0 - 9.0% of mass 174	5.3 (7.2) 1
176	95.0 - 101.0% of mass 174	71.3 (97.5) 1
177	5.0 - 9.0% of mass 176	4.9 (6.9) 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	VN086913.D	06/10/2025	09:13
VN0610WBL01	VN0610WBL01	VN086915.D	06/10/2025	10:09
VN0610WBS01	VN0610WBS01	VN086916.D	06/10/2025	10:30
VN0610WBSD01	VN0610WBSD01	VN086917.D	06/10/2025	11:04
MW-9-20250603	Q2202-01	VN086934.D	06/10/2025	17:09
MW-11-20250603	Q2202-02	VN086935.D	06/10/2025	17:31
MW-12-20250603	Q2202-03	VN086936.D	06/10/2025	17:52

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: PARS02
Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG NO.: Q2202
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
MW-12-20250603DL	Q2202-03DL	VN086947.D	06/11/2025	14:44
TB-20250603	Q2202-06	VN086949.D	06/11/2025	15:28
MW-1A-20250603	Q2202-05	VN086951.D	06/11/2025	16:12
MW-13D-20250603	Q2202-04	VN086952.D	06/11/2025	16:35

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: PARS02
Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG NO.: Q2202
Lab File ID: VN086913.D Date Analyzed: 06/10/2025
Instrument ID: MSVOA_N Time Analyzed: 09:13
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	239452	8.23	422119	9.11	362285	11.87
UPPER LIMIT	478904	8.73	844238	9.606	724570	12.365
LOWER LIMIT	119726	7.73	211060	8.606	181143	11.365
EPA SAMPLE NO.						
MW-9-20250603	312249	8.24	586192	9.11	514503	11.87
MW-11-20250603	320004	8.24	603215	9.11	538656	11.86
MW-12-20250603	311388	8.23	590517	9.11	527900	11.87
VN0610WBL01	241251	8.23	440901	9.11	386425	11.87
VN0610WBS01	249843	8.23	443174	9.11	389297	11.87
VN0610WBSD01	231054	8.23	413772	9.11	362257	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.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: PARS02
 Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG NO.: Q2202
 Lab File ID: VN086913.D Date Analyzed: 06/10/2025
 Instrument ID: MSVOA_N Time Analyzed: 09:13
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	170987	13.788				
UPPER LIMIT	341974	14.288				
LOWER LIMIT	85493.5	13.288				
EPA SAMPLE NO.						
MW-9-20250603	245448	13.79				
MW-11-20250603	259517	13.79				
MW-12-20250603	243200	13.79				
VN0610WBL01	183380	13.79				
VN0610WBS01	189620	13.79				
VN0610WBSD01	176612	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.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: PARS02
Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG NO.: Q2202
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-12-20250603DL	327908	8.24	625927	9.11	564664	11.87
MW-13D-20250603	281008	8.24	529071	9.11	457419	11.87
MW-1A-20250603	321797	8.23	621476	9.11	553688	11.87
TB-20250603	324235	8.23	611383	9.11	538730	11.87
VN0611WBL01	328120	8.23	618651	9.11	543433	11.87
VN0611WBS02	206799	8.24	370524	9.11	321188	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.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: PARS02
Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG NO.: Q2202
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-12-20250603DL	268318	13.79				
MW-13D-20250603	218595	13.79				
MW-1A-20250603	263952	13.79				
TB-20250603	263158	13.79				
VN0611WBL01	257257	13.79				
VN0611WBS02	157403	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

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:	VN0610WBL01		SDG No.:	Q2202
Lab Sample ID:	VN0610WBL01		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
VN086915.D	1		06/10/25 10:09	VN061025

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

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:	VN0610WBL01		SDG No.:	Q2202
Lab Sample ID:	VN0610WBL01		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
VN086915.D	1		06/10/25 10:09	VN061025

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	46.7		74 - 125	93%	SPK: 50
1868-53-7	Dibromofluoromethane	49.0		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	51.5		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.0		77 - 121	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	241000	8.23			
540-36-3	1,4-Difluorobenzene	441000	9.106			
3114-55-4	Chlorobenzene-d5	386000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	183000	13.788			

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:	VN0610WBL01		SDG No.:	Q2202
Lab Sample ID:	VN0610WBL01		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
VN086915.D	1		06/10/25 10:09	VN061025

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

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.:	Q2202
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

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.:	Q2202
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			

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.:	Q2202
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

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:	VN0610WBS01		SDG No.:	Q2202
Lab Sample ID:	VN0610WBS01		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
VN086916.D	1		06/10/25 10:30	VN061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.0		0.22	1.00	ug/L
74-87-3	Chloromethane	15.9		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.0		0.26	1.00	ug/L
74-83-9	Bromomethane	19.7		1.40	5.00	ug/L
75-00-3	Chloroethane	18.4		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.3		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.2		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.7		0.23	1.00	ug/L
67-64-1	Acetone	80.3		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.1		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.7		0.16	1.00	ug/L
79-20-9	Methyl Acetate	17.1		0.27	1.00	ug/L
75-09-2	Methylene Chloride	17.4		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.9		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.2		0.23	1.00	ug/L
110-82-7	Cyclohexane	16.5		1.50	5.00	ug/L
78-93-3	2-Butanone	84.0		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.8		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.7		0.19	1.00	ug/L
74-97-5	Bromochloromethane	16.6		0.22	1.00	ug/L
67-66-3	Chloroform	18.2		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.1		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	15.9		0.16	1.00	ug/L
71-43-2	Benzene	18.5		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.7		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.3		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.6		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	18.8		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	91.5		0.68	5.00	ug/L
108-88-3	Toluene	19.0		0.14	1.00	ug/L

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:	VN0610WBS01		SDG No.:	Q2202
Lab Sample ID:	VN0610WBS01		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
VN086916.D	1		06/10/25 10:30	VN061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.6		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.3		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.5		0.21	1.00	ug/L
591-78-6	2-Hexanone	87.4		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.5		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.9		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	17.9		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.9		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.3		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	37.7		0.24	2.00	ug/L
95-47-6	o-Xylene	18.9		0.12	1.00	ug/L
100-42-5	Styrene	19.0		0.15	1.00	ug/L
75-25-2	Bromoform	20.1		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	18.1		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.4		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.8		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.7		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.8		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	18.6		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.0		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	15.7		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.4		74 - 125	91%	SPK: 50
1868-53-7	Dibromofluoromethane	49.5		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	48.6		86 - 113	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.3		77 - 121	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	250000	8.23			
540-36-3	1,4-Difluorobenzene	443000	9.106			
3114-55-4	Chlorobenzene-d5	389000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	190000	13.788			

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:	VN0610WBS01		SDG No.:	Q2202
Lab Sample ID:	VN0610WBS01		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
VN086916.D	1		06/10/25 10:30	VN061025

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

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.:	Q2202
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

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.:	Q2202
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			

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.:	Q2202
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

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:	VN0610WBSD01		SDG No.:	Q2202
Lab Sample ID:	VN0610WBSD01		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
VN086917.D	1		06/10/25 11:04	VN061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.0		0.22	1.00	ug/L
74-87-3	Chloromethane	16.1		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.2		0.26	1.00	ug/L
74-83-9	Bromomethane	19.2		1.40	5.00	ug/L
75-00-3	Chloroethane	18.9		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.7		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.4		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.8		0.23	1.00	ug/L
67-64-1	Acetone	84.2		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.4		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.7		0.16	1.00	ug/L
79-20-9	Methyl Acetate	18.6		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.6		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.3		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.9		0.23	1.00	ug/L
110-82-7	Cyclohexane	16.9		1.50	5.00	ug/L
78-93-3	2-Butanone	90.8		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	19.2		0.19	1.00	ug/L
74-97-5	Bromochloromethane	17.7		0.22	1.00	ug/L
67-66-3	Chloroform	18.7		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.4		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	16.3		0.16	1.00	ug/L
71-43-2	Benzene	19.0		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.9		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.7		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.5		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.0		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	98.3		0.68	5.00	ug/L
108-88-3	Toluene	19.4		0.14	1.00	ug/L

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:	VN0610WBSD01		SDG No.:	Q2202
Lab Sample ID:	VN0610WBSD01		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
VN086917.D	1		06/10/25 11:04	VN061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	20.6		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.3		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.2		0.21	1.00	ug/L
591-78-6	2-Hexanone	94.9		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.9		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.3		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.4		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.8		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.8		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	38.0		0.24	2.00	ug/L
95-47-6	o-Xylene	19.7		0.12	1.00	ug/L
100-42-5	Styrene	19.8		0.15	1.00	ug/L
75-25-2	Bromoform	21.0		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	18.6		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.9		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.5		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.3		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.8		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.3		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.2		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	16.6		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.9		74 - 125	94%	SPK: 50
1868-53-7	Dibromofluoromethane	49.8		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	48.1		86 - 113	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.6		77 - 121	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	231000	8.23			
540-36-3	1,4-Difluorobenzene	414000	9.106			
3114-55-4	Chlorobenzene-d5	362000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	177000	13.788			

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:	VN0610WBSD01		SDG No.:	Q2202
Lab Sample ID:	VN0610WBSD01		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
VN086917.D	1		06/10/25 11:04	VN061025

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name:	<u>CHEMTECH</u>	Contract:	<u>PARS02</u>
Lab Code:	<u>CHEM</u>	Case No.:	<u>Q2202</u>
Instrument ID:	<u>MSVOA_N</u>	SAS No.:	<u>Q2202</u>
Heated Purge: (Y/N)	<u>N</u>	SDG No.:	<u>Q2202</u>
GC Column:	<u>RXI-624</u>	Calibration Date(s):	<u>06/06/2025</u>
ID:	<u>0.25 (mm)</u>	Calibration Time(s):	<u>12:44</u>
			<u>14:49</u>

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	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.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG No.: Q2202

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG No.: Q2202

Instrument ID: MSVOA_N Calibration Date/Time: 06/10/2025 09:13

Lab File ID: VN086913.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	0.502		0.6	20
Chloromethane	0.644	0.552	0.1	-14.29	20
Vinyl Chloride	0.664	0.653		-1.66	20
Bromomethane	0.372	0.358		-3.76	20
Chloroethane	0.429	0.421		-1.87	20
Trichlorofluoromethane	0.868	0.848		-2.3	20
1,1,2-Trichlorotrifluoroethane	0.545	0.530		-2.75	20
1,1-Dichloroethene	0.557	0.548		-1.62	20
Acetone	0.355	0.348		-1.97	20
Carbon Disulfide	1.539	1.428		-7.21	20
Methyl tert-butyl Ether	2.015	1.999		-0.79	20
Methyl Acetate	1.035	0.941		-9.08	20
Methylene Chloride	0.665	0.617		-7.22	20
trans-1,2-Dichloroethene	0.619	0.587		-5.17	20
1,1-Dichloroethane	1.120	1.079	0.1	-3.66	20
Cyclohexane	1.086	0.907		-16.48	20
2-Butanone	0.577	0.493		-14.56	20
Carbon Tetrachloride	0.433	0.429		-0.92	20
cis-1,2-Dichloroethene	0.740	0.721		-2.57	20
Bromochloromethane	0.550	0.473		-14	20
Chloroform	1.118	1.053		-5.81	20
1,1,1-Trichloroethane	0.951	0.894		-5.99	20
Methylcyclohexane	0.605	0.523		-13.55	20
Benzene	1.444	1.400		-3.05	20
1,2-Dichloroethane	0.438	0.426		-2.74	20
Trichloroethene	0.342	0.345		0.88	20
1,2-Dichloropropane	0.351	0.344		-1.99	20
Bromodichloromethane	0.480	0.479		-0.21	20
4-Methyl-2-Pentanone	0.543	0.513		-5.53	20
Toluene	0.882	0.871		-1.25	20
t-1,3-Dichloropropene	0.537	0.556		3.54	20
cis-1,3-Dichloropropene	0.574	0.592		3.14	20
1,1,2-Trichloroethane	0.340	0.338		-0.59	20
2-Hexanone	0.350	0.339		-3.14	20
Dibromochloromethane	0.354	0.363		2.54	20
1,2-Dibromoethane	0.348	0.350		0.57	20
Tetrachloroethene	0.316	0.308		-2.53	20
Chlorobenzene	1.103	1.117	0.3	1.27	20

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG No.: Q2202

Instrument ID: MSVOA_N Calibration Date/Time: 06/10/2025 09:13

Lab File ID: VN086913.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
Ethyl Benzene	1.900	1.844		-2.95	20
m/p-Xylenes	0.727	0.727		0	20
o-Xylene	0.696	0.714		2.59	20
Styrene	1.192	1.232		3.36	20
Bromoform	0.263	0.287	0.1	9.13	20
Isopropylbenzene	3.643	3.637		-0.19	20
1,1,2,2-Tetrachloroethane	1.234	1.268	0.3	2.76	20
1,3-Dichlorobenzene	1.644	1.678		2.07	20
1,4-Dichlorobenzene	1.676	1.702		1.55	20
1,2-Dichlorobenzene	1.579	1.605		1.65	20
1,2-Dibromo-3-Chloropropane	0.295	0.277		-6.1	20
1,2,4-Trichlorobenzene	1.008	0.918		-8.93	20
1,2,3-Trichlorobenzene	1.002	0.859		-14.27	20
1,2-Dichloroethane-d4	0.669	0.613		-8.37	20
Dibromofluoromethane	0.296	0.301		1.69	20
Toluene-d8	1.173	1.153		-1.71	20
4-Bromofluorobenzene	0.436	0.420		-3.67	20

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG No.: Q2202

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.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG No.: Q2202

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
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.

LAB CHRONICLE

OrderID:	Q2202	OrderDate:	6/4/2025 11:59:00 AM
Client:	PARSONS Engineering of New York, Inc.	Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05
Contact:	Stephen Liberatore	Location:	N31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2202-03	MW-12-20250603	Water			06/03/25			06/03/25
			SVOCMS Group1	8270E		06/06/25	06/06/25	
Q2202-03DL	MW-12-20250603DL	Water			06/03/25			06/03/25
			SVOCMS Group1	8270E		06/06/25	06/10/25	

Hit Summary Sheet SW-846

SDG No.: Q2202

Client: PARSONS Engineering of New York, Inc.

Sample ID	Client ID		Parameter		Concentration	C	MDL		RDL	Units
Client ID :	MW-12-20250603									
Q2202-03	MW-12-20250603	WATER	Naphthalene		350.000	E	0.51		5.1	ug/L
Q2202-03	MW-12-20250603	WATER	2-Methylnaphthalene		110.000	E	0.57		5.1	ug/L
Q2202-03	MW-12-20250603	WATER	1,1-Biphenyl		33.500		0.54		5.1	ug/L
Q2202-03	MW-12-20250603	WATER	Acenaphthylene		3.600	J	0.77		5.1	ug/L
Q2202-03	MW-12-20250603	WATER	2,6-Dinitrotoluene		5.200		0.94		5.1	ug/L
Q2202-03	MW-12-20250603	WATER	Acenaphthene		58.100		0.56		5.1	ug/L
Q2202-03	MW-12-20250603	WATER	Dibenzofuran		2.900	J	0.62		5.1	ug/L
Q2202-03	MW-12-20250603	WATER	Fluorene		26.300		0.64		5.1	ug/L
Q2202-03	MW-12-20250603	WATER	Phenanthrene		37.800		0.51		5.1	ug/L
Q2202-03	MW-12-20250603	WATER	Anthracene		7.800		0.62		5.1	ug/L
Q2202-03	MW-12-20250603	WATER	Carbazole		2.200	J	0.73		5.1	ug/L
Q2202-03	MW-12-20250603	WATER	Fluoranthene		2.100	J	0.84		5.1	ug/L
Q2202-03	MW-12-20250603	WATER	Pyrene		3.100	J	0.51		5.1	ug/L
Total Svoc :				642.60						
Q2202-03	MW-12-20250603	WATER	Benzene, (1-methylethyl)-	*	45.800	J	0		0	ug/L
Q2202-03	MW-12-20250603	WATER	Benzene, 1,2,3-trimethyl-	*	100.000	J	0		0	ug/L
Q2202-03	MW-12-20250603	WATER	Benzene, 1,3-diethyl-	*	50.000	J	0		0	ug/L
Q2202-03	MW-12-20250603	WATER	Benzene, 1,3-dimethyl-	*	130.000	J	0		0	ug/L
Q2202-03	MW-12-20250603	WATER	Benzene, 1,4-diethyl-	*	46.400	J	0		0	ug/L
Q2202-03	MW-12-20250603	WATER	Benzene, 1-ethenyl-2-methyl-	*	220.000	J	0		0	ug/L
Q2202-03	MW-12-20250603	WATER	Benzene, 1-ethyl-2,3-dimethyl-	*	35.500	J	0		0	ug/L
Q2202-03	MW-12-20250603	WATER	Benzene, 1-ethyl-3-methyl-	*	160.000	J	0		0	ug/L
Q2202-03	MW-12-20250603	WATER	Benzene, 1-ethyl-4-methyl-	*	77.200	J	0		0	ug/L
Q2202-03	MW-12-20250603	WATER	Benzene, 1-methyl-4-propyl-	*	10.500	J	0		0	ug/L
Q2202-03	MW-12-20250603	WATER	Benzene, 2-propenyl-	*	11.800	J	0		0	ug/L
Q2202-03	MW-12-20250603	WATER	Cyclopentene, 1-ethenyl-3-methyl	*	9.000	J	0		0	ug/L
Q2202-03	MW-12-20250603	WATER	Cycloprop[a]indene, 1,1a,6,6a-tet	*	9.300	J	0		0	ug/L
Q2202-03	MW-12-20250603	WATER	Naphthalene, 1,5-dimethyl-	*	24.200	J	0		0	ug/L
Q2202-03	MW-12-20250603	WATER	Naphthalene, 1-ethyl-	*	14.200	J	0		0	ug/L
Q2202-03	MW-12-20250603	WATER	Naphthalene, 2,3-dimethyl-	*	23.600	J	0		0	ug/L
Q2202-03	MW-12-20250603	WATER	Phenanthrene, 2-methyl-	*	9.300	J	0		0	ug/L
Q2202-03	MW-12-20250603	WATER	Phenethylamine, N-benzyl-p-chlor	*	50.800	J	0		0	ug/L
Q2202-03	MW-12-20250603	WATER	unknown7.928	*	9.500	J	0		0	ug/L
Q2202-03	MW-12-20250603	WATER	1-Methylnaphthalene	*	260.000	J	0.67		5.1	ug/L
Total Tics :				1,297.10						
Total Concentration:				1,939.70						

Client ID : MW-12-20250603DL

Hit Summary Sheet SW-846

SDG No.: Q2202

Client: PARSONS Engineering of New York, Inc.

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Q2202-03DL	MW-12-20250603DL	WATER	Naphthalene	770.000	D	5.1	51	ug/L
Q2202-03DL	MW-12-20250603DL	WATER	2-Methylnaphthalene	160.000	D	5.7	51	ug/L
Q2202-03DL	MW-12-20250603DL	WATER	1,1-Biphenyl	42.600	JD	5.4	51	ug/L
Q2202-03DL	MW-12-20250603DL	WATER	Acenaphthene	87.300	D	5.6	51	ug/L
Q2202-03DL	MW-12-20250603DL	WATER	Fluorene	31.900	JD	6.4	51	ug/L
Q2202-03DL	MW-12-20250603DL	WATER	Phenanthrene	50.900	JD	5.1	51	ug/L
Total Svoc :				1,142.70				
Total Concentration:				1,142.70				



SAMPLE DATA

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	06/03/25	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05		Date Received:	06/03/25	
Client Sample ID:	MW-12-20250603		SDG No.:	Q2202	
Lab Sample ID:	Q2202-03		Matrix:	Water	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	980	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142660.D	1	06/06/25 08:35	06/06/25 22:01	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.00	U	4.00	10.2	ug/L
108-95-2	Phenol	0.93	U	0.93	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.83	U	0.83	5.10	ug/L
95-57-8	2-Chlorophenol	0.59	U	0.59	5.10	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.10	ug/L
98-86-2	Acetophenone	0.76	U	0.76	5.10	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.60	ug/L
67-72-1	Hexachloroethane	0.66	U	0.66	5.10	ug/L
98-95-3	Nitrobenzene	0.78	U	0.78	5.10	ug/L
78-59-1	Isophorone	0.77	U	0.77	5.10	ug/L
88-75-5	2-Nitrophenol	1.80	U	1.80	5.10	ug/L
105-67-9	2,4-Dimethylphenol	1.90	U	1.90	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.69	U	0.69	5.10	ug/L
120-83-2	2,4-Dichlorophenol	0.53	U	0.53	5.10	ug/L
91-20-3	Naphthalene	350	E	0.51	5.10	ug/L
106-47-8	4-Chloroaniline	0.86	U	0.86	5.10	ug/L
87-68-3	Hexachlorobutadiene	0.55	U	0.55	5.10	ug/L
105-60-2	Caprolactam	1.20	U	1.20	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	0.60	U	0.60	5.10	ug/L
91-57-6	2-Methylnaphthalene	110	E	0.57	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	3.70	U	3.70	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	0.52	U	0.52	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	0.63	U	0.63	5.10	ug/L
92-52-4	1,1-Biphenyl	33.5		0.54	5.10	ug/L
91-58-7	2-Chloronaphthalene	0.62	U	0.62	5.10	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.10	ug/L
131-11-3	Dimethylphthalate	0.62	U	0.62	5.10	ug/L

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	06/03/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05		Date Received:	06/03/25
Client Sample ID:	MW-12-20250603		SDG No.:	Q2202
Lab Sample ID:	Q2202-03		Matrix:	Water
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	980	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142660.D	1	06/06/25 08:35	06/06/25 22:01	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	3.60	J	0.77	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	5.20		0.94	5.10	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.10	ug/L
83-32-9	Acenaphthene	58.1		0.56	5.10	ug/L
51-28-5	2,4-Dinitrophenol	6.10	U	6.10	10.2	ug/L
100-02-7	4-Nitrophenol	2.40	U	2.40	10.2	ug/L
132-64-9	Dibenzofuran	2.90	J	0.62	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.10	ug/L
84-66-2	Diethylphthalate	0.70	U	0.70	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.69	U	0.69	5.10	ug/L
86-73-7	Fluorene	26.3		0.64	5.10	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	2.90	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	0.59	U	0.59	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	0.41	U	0.41	5.10	ug/L
118-74-1	Hexachlorobenzene	0.53	U	0.53	5.10	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.10	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.2	ug/L
85-01-8	Phenanthrene	37.8		0.51	5.10	ug/L
120-12-7	Anthracene	7.80		0.62	5.10	ug/L
86-74-8	Carbazole	2.20	J	0.73	5.10	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.10	ug/L
206-44-0	Fluoranthene	2.10	J	0.84	5.10	ug/L
129-00-0	Pyrene	3.10	J	0.51	5.10	ug/L
85-68-7	Butylbenzylphthalate	2.00	U	2.00	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	0.95	U	0.95	10.2	ug/L
56-55-3	Benzo(a)anthracene	0.46	U	0.46	5.10	ug/L
218-01-9	Chrysene	0.45	U	0.45	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.10	ug/L
117-84-0	Di-n-octyl phthalate	2.40	U	2.40	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.50	U	0.50	5.10	ug/L

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	06/03/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05		Date Received:	06/03/25
Client Sample ID:	MW-12-20250603		SDG No.:	Q2202
Lab Sample ID:	Q2202-03		Matrix:	Water
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	980	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142660.D	1	06/06/25 08:35	06/06/25 22:01	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	0.49	U	0.49	5.10	ug/L
50-32-8	Benzo(a)pyrene	0.56	U	0.56	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.60	U	0.60	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.68	U	0.68	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.70	U	0.70	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.53	U	0.53	5.10	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.73	U	0.73	5.10	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	71.9		23 - 138	48%	SPK: 150
13127-88-3	Phenol-d6	49.9		10 - 134	33%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.4		67 - 132	75%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.3		52 - 132	70%	SPK: 100
118-79-6	2,4,6-Tribromophenol	121		44 - 137	80%	SPK: 150
1718-51-0	Terphenyl-d14	64.6		42 - 152	65%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	127000	6.892			
1146-65-2	Naphthalene-d8	429000	8.186			
15067-26-2	Acenaphthene-d10	251000	9.933			
1517-22-2	Phenanthrene-d10	375000	11.422			
1719-03-5	Chrysene-d12	233000	14.063			
1520-96-3	Perylene-d12	275000	15.557			
TENTATIVE IDENTIFIED COMPOUNDS						
000108-38-3	Benzene, 1,3-dimethyl-	130	J		5.39	ug/L
061142-07-2	Cyclopentene, 1-ethenyl-3-methylen	9.00	J		5.75	ug/L
000098-82-8	Benzene, (1-methylethyl)-	45.8	J		6.07	ug/L
013622-43-0	Phenethylamine, N-benzyl-p-chloro-	50.8	J		6.36	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	77.2	J		6.58	ug/L
000620-14-4	Benzene, 1-ethyl-3-methyl-	160	J		6.72	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	100	J		6.95	ug/L

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/03/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/03/25
Client Sample ID:	MW-12-20250603	SDG No.:	Q2202
Lab Sample ID:	Q2202-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142660.D	1	06/06/25 08:35	06/06/25 22:01	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000300-57-2	Benzene, 2-propenyl-	11.8	J		6.99	ug/L
000611-15-4	Benzene, 1-ethenyl-2-methyl-	220	J		7.08	ug/L
000141-93-5	Benzene, 1,3-diethyl-	50.0	J		7.14	ug/L
000105-05-5	Benzene, 1,4-diethyl-	46.4	J		7.21	ug/L
001074-55-1	Benzene, 1-methyl-4-propyl-	10.5	J		7.29	ug/L
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	35.5	J		7.36	ug/L
	unknown7.928	9.50	J		7.93	ug/L
015677-15-3	Cycloprop[a]indene, 1,1a,6,6a-tetr	9.30	J		7.97	ug/L
90-12-0	1-Methylnaphthalene	260	J		9.01	ug/L
001127-76-0	Naphthalene, 1-ethyl-	14.2	J		9.46	ug/L
000571-61-9	Naphthalene, 1,5-dimethyl-	24.2	J		9.52	ug/L
000581-40-8	Naphthalene, 2,3-dimethyl-	23.6	J		9.71	ug/L
002531-84-2	Phenanthrene, 2-methyl-	9.30	J		11.9	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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	06/03/25	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05		Date Received:	06/03/25	
Client Sample ID:	MW-12-20250603DL		SDG No.:	Q2202	
Lab Sample ID:	Q2202-03DL		Matrix:	Water	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	980	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050274.D	10	06/06/25 08:35	06/10/25 12:38	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	39.9	UD	39.9	100	ug/L
108-95-2	Phenol	9.30	UD	9.30	51.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	8.30	UD	8.30	51.0	ug/L
95-57-8	2-Chlorophenol	5.90	UD	5.90	51.0	ug/L
95-48-7	2-Methylphenol	11.4	UD	11.4	51.0	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.1	UD	13.1	51.0	ug/L
98-86-2	Acetophenone	7.60	UD	7.60	51.0	ug/L
65794-96-9	3+4-Methylphenols	11.2	UD	11.2	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.4	UD	14.4	25.5	ug/L
67-72-1	Hexachloroethane	6.60	UD	6.60	51.0	ug/L
98-95-3	Nitrobenzene	7.80	UD	7.80	51.0	ug/L
78-59-1	Isophorone	7.70	UD	7.70	51.0	ug/L
88-75-5	2-Nitrophenol	18.0	UD	18.0	51.0	ug/L
105-67-9	2,4-Dimethylphenol	18.9	UD	18.9	51.0	ug/L
111-91-1	bis(2-Chloroethoxy)methane	6.90	UD	6.90	51.0	ug/L
120-83-2	2,4-Dichlorophenol	5.30	UD	5.30	51.0	ug/L
91-20-3	Naphthalene	770	D	5.10	51.0	ug/L
106-47-8	4-Chloroaniline	8.60	UD	8.60	51.0	ug/L
87-68-3	Hexachlorobutadiene	5.50	UD	5.50	51.0	ug/L
105-60-2	Caprolactam	11.5	UD	11.5	100	ug/L
59-50-7	4-Chloro-3-methylphenol	6.00	UD	6.00	51.0	ug/L
91-57-6	2-Methylnaphthalene	160	D	5.70	51.0	ug/L
77-47-4	Hexachlorocyclopentadiene	37.0	UD	37.0	100	ug/L
88-06-2	2,4,6-Trichlorophenol	5.20	UD	5.20	51.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.30	UD	6.30	51.0	ug/L
92-52-4	1,1-Biphenyl	42.6	JD	5.40	51.0	ug/L
91-58-7	2-Chloronaphthalene	6.20	UD	6.20	51.0	ug/L
88-74-4	2-Nitroaniline	12.9	UD	12.9	51.0	ug/L
131-11-3	Dimethylphthalate	6.20	UD	6.20	51.0	ug/L

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/03/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/03/25
Client Sample ID:	MW-12-20250603DL	SDG No.:	Q2202
Lab Sample ID:	Q2202-03DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050274.D	10	06/06/25 08:35	06/10/25 12:38	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	7.70	UD	7.70	51.0	ug/L
606-20-2	2,6-Dinitrotoluene	9.40	UD	9.40	51.0	ug/L
99-09-2	3-Nitroaniline	10.7	UD	10.7	51.0	ug/L
83-32-9	Acenaphthene	87.3	D	5.60	51.0	ug/L
51-28-5	2,4-Dinitrophenol	60.9	UD	60.9	100	ug/L
100-02-7	4-Nitrophenol	24.3	UD	24.3	100	ug/L
132-64-9	Dibenzofuran	6.20	UD	6.20	51.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.4	UD	12.4	51.0	ug/L
84-66-2	Diethylphthalate	7.00	UD	7.00	51.0	ug/L
7005-72-3	4-Chlorophenyl-phenylether	6.90	UD	6.90	51.0	ug/L
86-73-7	Fluorene	31.9	JD	6.40	51.0	ug/L
100-01-6	4-Nitroaniline	15.3	UD	15.3	51.0	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	29.4	UD	29.4	100	ug/L
86-30-6	n-Nitrosodiphenylamine	5.90	UD	5.90	51.0	ug/L
101-55-3	4-Bromophenyl-phenylether	4.10	UD	4.10	51.0	ug/L
118-74-1	Hexachlorobenzene	5.30	UD	5.30	51.0	ug/L
1912-24-9	Atrazine	10.3	UD	10.3	51.0	ug/L
87-86-5	Pentachlorophenol	16.1	UD	16.1	100	ug/L
85-01-8	Phenanthrene	50.9	JD	5.10	51.0	ug/L
120-12-7	Anthracene	6.20	UD	6.20	51.0	ug/L
86-74-8	Carbazole	7.30	UD	7.30	51.0	ug/L
84-74-2	Di-n-butylphthalate	12.4	UD	12.4	51.0	ug/L
206-44-0	Fluoranthene	8.40	UD	8.40	51.0	ug/L
129-00-0	Pyrene	5.10	UD	5.10	51.0	ug/L
85-68-7	Butylbenzylphthalate	19.7	UD	19.7	51.0	ug/L
91-94-1	3,3-Dichlorobenzidine	9.50	UD	9.50	100	ug/L
56-55-3	Benzo(a)anthracene	4.60	UD	4.60	51.0	ug/L
218-01-9	Chrysene	4.50	UD	4.50	51.0	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	16.3	UD	16.3	51.0	ug/L
117-84-0	Di-n-octyl phthalate	23.9	UD	23.9	100	ug/L
205-99-2	Benzo(b)fluoranthene	5.00	UD	5.00	51.0	ug/L

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/03/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/03/25
Client Sample ID:	MW-12-20250603DL	SDG No.:	Q2202
Lab Sample ID:	Q2202-03DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050274.D	10	06/06/25 08:35	06/10/25 12:38	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.90	UD	4.90	51.0	ug/L
50-32-8	Benzo(a)pyrene	5.60	UD	5.60	51.0	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	6.00	UD	6.00	51.0	ug/L
53-70-3	Dibenzo(a,h)anthracene	6.80	UD	6.80	51.0	ug/L
191-24-2	Benzo(g,h,i)perylene	7.00	UD	7.00	51.0	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.30	UD	5.30	51.0	ug/L
123-91-1	1,4-Dioxane	10.2	UD	10.2	51.0	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.30	UD	7.30	51.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	101		23 - 138	67%	SPK: 150
13127-88-3	Phenol-d6	56.9		10 - 134	38%	SPK: 150
4165-60-0	Nitrobenzene-d5	93.2		67 - 132	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	98.7		52 - 132	99%	SPK: 100
118-79-6	2,4,6-Tribromophenol	149		44 - 137	99%	SPK: 150
1718-51-0	Terphenyl-d14	106		42 - 152	106%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	335000	7.763			
1146-65-2	Naphthalene-d8	1360000	10.551			
15067-26-2	Acenaphthene-d10	771000	14.392			
1517-22-2	Phenanthrene-d10	1510000	17.133			
1719-03-5	Chrysene-d12	1640000	21.362			
1520-96-3	Perylene-d12	1720000	24.339			

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

Surrogate Summary

SW-846

SDG No.: Q2202

Client: PARSONS Engineering of New York, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB168323BL	PB168323BL	2-Fluorophenol	150	146	97		23	138
		Phenol-d6	150	137	92		10	134
		Nitrobenzene-d5	100	85.2	85		67	132
		2-Fluorobiphenyl	100	84.3	84		52	132
		2,4,6-Tribromophenol	150	143	95		44	137
		Terphenyl-d14	100	90.1	90		42	152
PB168323BS	PB168323BS	2-Fluorophenol	150	143	95		23	138
		Phenol-d6	150	136	91		10	134
		Nitrobenzene-d5	100	79.4	79		67	132
		2-Fluorobiphenyl	100	77.9	78		52	132
		2,4,6-Tribromophenol	150	131	88		44	137
		Terphenyl-d14	100	79.2	79		42	152
Q2202-03	MW-12-20250603	2-Fluorophenol	150	71.9	48		23	138
		Phenol-d6	150	49.9	33		10	134
		Nitrobenzene-d5	100	75.4	75		67	132
		2-Fluorobiphenyl	100	70.3	70		52	132
		2,4,6-Tribromophenol	150	121	80		44	137
		Terphenyl-d14	100	64.6	65		42	152
Q2202-03DL	MW-12-20250603DL	2-Fluorophenol	150	101	67		23	138
		Phenol-d6	150	56.9	38		10	134
		Nitrobenzene-d5	100	93.2	93		67	132
		2-Fluorobiphenyl	100	98.7	99		52	132
		2,4,6-Tribromophenol	150	149	99		44	137
		Terphenyl-d14	100	106	106		42	152
Q2230-03MS	GW-MW01-060425MS	2-Fluorophenol	150	79.2	53		23	138
		Phenol-d6	150	50.7	34		10	134
		Nitrobenzene-d5	100	90.5	91		67	132
		2-Fluorobiphenyl	100	85.6	86		52	132
		2,4,6-Tribromophenol	150	162	108		44	137
		Terphenyl-d14	100	80.4	80		42	152
Q2230-04MSD	GW-MW01-060425MSD	2-Fluorophenol	150	74.2	49		23	138
		Phenol-d6	150	46.3	31		10	134
		Nitrobenzene-d5	100	88.0	88		67	132
		2-Fluorobiphenyl	100	85.9	86		52	132
		2,4,6-Tribromophenol	150	159	106		44	137
		Terphenyl-d14	100	89.3	89		42	152

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2202

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q2230-03MS	Client Sample ID:	GW-MW01-060425MS					DataFile:	BP024879.D		
Benzaldehyde	52.1	0	39.6	ug/L	76				10	137	
Phenol	52.1	0	19.1	ug/L	37				10	130	
bis(2-Chloroethyl)ether	52.1	0	51.3	ug/L	98				29	141	
2-Chlorophenol	52.1	0	45.5	ug/L	87				23	127	
2-Methylphenol	52.1	0	38.6	ug/L	74				60	131	
2,2-oxybis(1-Chloropropane)	52.1	0	44.9	ug/L	86				36	141	
Acetophenone	52.1	0	55.9	ug/L	107				31	164	
3+4-Methylphenols	52.1	4.40	41.2	ug/L	71				54	136	
N-Nitroso-di-n-propylamine	52.1	0	50.4	ug/L	97				36	147	
Hexachloroethane	52.1	0	24.9	ug/L	48				19	146	
Nitrobenzene	52.1	0	54.9	ug/L	105				62	112	
Isophorone	52.1	0	51.6	ug/L	99				39	146	
2-Nitrophenol	52.1	0	52.7	ug/L	101				30	148	
2,4-Dimethylphenol	52.1	0	48.2	ug/L	93				17	143	
bis(2-Chloroethoxy)methane	52.1	0	52.2	ug/L	100				39	143	
2,4-Dichlorophenol	52.1	0	53.0	ug/L	102				22	146	
Naphthalene	52.1	2.20	42.7	ug/L	78				17	157	
4-Chloroaniline	52.1	0	31.4	ug/L	60				10	95	
Hexachlorobutadiene	52.1	0	28.9	ug/L	55				52	125	
Caprolactam	52.1	0	11.7	ug/L	22				10	130	
4-Chloro-3-methylphenol	52.1	0	50.6	ug/L	97				17	148	
2-Methylnaphthalene	52.1	0	48.7	ug/L	93				38	146	
Hexachlorocyclopentadiene	100	0	62.8	ug/L	63				20	153	
2,4,6-Trichlorophenol	52.1	0	55.7	ug/L	107				78	112	
2,4,5-Trichlorophenol	52.1	0	57.9	ug/L	111				71	111	
1,1-Biphenyl	52.1	0	50.2	ug/L	96				38	154	
2-Chloronaphthalene	52.1	0	48.7	ug/L	93				41	145	
2-Nitroaniline	52.1	0	51.3	ug/L	98				39	151	
Dimethylphthalate	52.1	0	54.0	ug/L	104				42	147	
Acenaphthylene	52.1	0	50.7	ug/L	97				40	141	
2,6-Dinitrotoluene	52.1	0	56.1	ug/L	108				43	148	
3-Nitroaniline	52.1	0	33.9	ug/L	65				10	111	
Acenaphthene	52.1	0	52.1	ug/L	100				37	146	
2,4-Dinitrophenol	100	0	100	ug/L	100				14	167	
4-Nitrophenol	100	0	48.3	ug/L	48				10	130	
Dibenzofuran	52.1	0	52.6	ug/L	101				41	145	
2,4-Dinitrotoluene	52.1	0	60.2	ug/L	116				74	137	
Diethylphthalate	52.1	0	56.7	ug/L	109				41	148	
4-Chlorophenyl-phenylether	52.1	0	53.6	ug/L	103				38	149	
Fluorene	52.1	0	53.8	ug/L	103				39	144	
4-Nitroaniline	52.1	0	47.0	ug/L	90				27	138	
4,6-Dinitro-2-methylphenol	52.1	0	53.6	ug/L	103				32	175	
N-Nitrosodiphenylamine	52.1	0	52.4	ug/L	101				40	150	
4-Bromophenyl-phenylether	52.1	0	53.0	ug/L	102				42	151	
Hexachlorobenzene	52.1	0	53.4	ug/L	102				72	115	
Atrazine	52.1	0	57.8	ug/L	111				20	162	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2202

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	100	0	140	ug/L	140				52	162	
Phenanthrene	52.1	0	53.7	ug/L	103				40	147	
Anthracene	52.1	0	53.8	ug/L	103				41	146	
Carbazole	52.1	0	57.9	ug/L	111				37	154	
Di-n-butylphthalate	52.1	0	58.4	ug/L	112				40	151	
Fluoranthene	52.1	0	57.7	ug/L	111				42	146	
Pyrene	52.1	0	51.4	ug/L	99				41	149	
Butylbenzylphthalate	52.1	0	56.8	ug/L	109				39	155	
3,3-Dichlorobenzidine	52.1	0	19.1	ug/L	37				10	114	
Benzo(a)anthracene	52.1	0	54.6	ug/L	105				41	147	
Chrysene	52.1	0	53.4	ug/L	102				44	144	
bis(2-Ethylhexyl)phthalate	52.1	0	57.3	ug/L	110				33	160	
Di-n-octyl phthalate	52.1	0	58.4	ug/L	112				36	158	
Benzo(b)fluoranthene	52.1	0	56.2	ug/L	108				40	150	
Benzo(k)fluoranthene	52.1	0	53.1	ug/L	102				40	147	
Benzo(a)pyrene	52.1	0	54.1	ug/L	104				42	147	
Indeno(1,2,3-cd)pyrene	52.1	0	56.3	ug/L	108				30	166	
Dibenz(a,h)anthracene	52.1	0	57.5	ug/L	110				23	172	
Benzo(g,h,i)perylene	52.1	0	56.4	ug/L	108				27	167	
1,2,4,5-Tetrachlorobenzene	52.1	0	46.6	ug/L	89				89	102	
1,4-Dioxane	52.1	0	18.1	ug/L	35	*			38	130	
2,3,4,6-Tetrachlorophenol	52.1	0	57.7	ug/L	111				91	111	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2202

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q2230-04MSD	Client Sample ID:	GW-MW01-060425MSD					DataFile:	BP024880.D		
Benzaldehyde	53.2	0	38.8	ug/L	73	4			10	137	20
Phenol	53.2	0	18.1	ug/L	34	8			10	130	20
bis(2-Chloroethyl)ether	53.2	0	50.2	ug/L	94	4			29	141	20
2-Chlorophenol	53.2	0	43.6	ug/L	82	6			23	127	20
2-Methylphenol	53.2	0	37.0	ug/L	70	6			60	131	20
2,2-oxybis(1-Chloropropane)	53.2	0	44.5	ug/L	84	2			36	141	20
Acetophenone	53.2	0	55.5	ug/L	104	3			31	164	20
3+4-Methylphenols	53.2	4.40	38.5	ug/L	64	10			54	136	20
N-Nitroso-di-n-propylamine	53.2	0	48.1	ug/L	90	7			36	147	20
Hexachloroethane	53.2	0	24.9	ug/L	47	2			19	146	20
Nitrobenzene	53.2	0	54.8	ug/L	103	2			62	112	20
Isophorone	53.2	0	51.1	ug/L	96	3			39	146	20
2-Nitrophenol	53.2	0	52.9	ug/L	99	2			30	148	20
2,4-Dimethylphenol	53.2	0	46.9	ug/L	88	6			17	143	20
bis(2-Chloroethoxy)methane	53.2	0	52.7	ug/L	99	1			39	143	20
2,4-Dichlorophenol	53.2	0	51.8	ug/L	97	5			22	146	20
Naphthalene	53.2	2.20	42.1	ug/L	75	4			17	157	20
4-Chloroaniline	53.2	0	28.9	ug/L	54	11			10	95	20
Hexachlorobutadiene	53.2	0	30.1	ug/L	57	4			52	125	20
Caprolactam	53.2	0	10.8	ug/L	20	10			10	130	20
4-Chloro-3-methylphenol	53.2	0	48.9	ug/L	92	5			17	148	20
2-Methylnaphthalene	53.2	0	48.6	ug/L	91	2			38	146	20
Hexachlorocyclopentadiene	110	0	70.7	ug/L	64	2			20	153	20
2,4,6-Trichlorophenol	53.2	0	56.6	ug/L	106	1			78	112	20
2,4,5-Trichlorophenol	53.2	0	57.7	ug/L	108	3			71	111	20
1,1-Biphenyl	53.2	0	52.0	ug/L	98	2			38	154	20
2-Chloronaphthalene	53.2	0	50.5	ug/L	95	2			41	145	20
2-Nitroaniline	53.2	0	49.4	ug/L	93	5			39	151	20
Dimethylphthalate	53.2	0	53.9	ug/L	101	3			42	147	20
Acenaphthylene	53.2	0	51.1	ug/L	96	1			40	141	20
2,6-Dinitrotoluene	53.2	0	55.7	ug/L	105	3			43	148	20
3-Nitroaniline	53.2	0	32.5	ug/L	61	6			10	111	20
Acenaphthene	53.2	0	52.7	ug/L	99	1			37	146	20
2,4-Dinitrophenol	110	0	110	ug/L	100	0			14	167	20
4-Nitrophenol	110	0	45.5	ug/L	41	16			10	130	20
Dibenzofuran	53.2	0	52.6	ug/L	99	2			41	145	20
2,4-Dinitrotoluene	53.2	0	57.4	ug/L	108	7			74	137	20
Diethylphthalate	53.2	0	56.7	ug/L	107	2			41	148	20
4-Chlorophenyl-phenylether	53.2	0	54.1	ug/L	102	1			38	149	20
Fluorene	53.2	0	53.9	ug/L	101	2			39	144	20
4-Nitroaniline	53.2	0	44.3	ug/L	83	8			27	138	20
4,6-Dinitro-2-methylphenol	53.2	0	56.0	ug/L	105	2			32	175	20
N-Nitrosodiphenylamine	53.2	0	53.2	ug/L	100	1			40	150	20
4-Bromophenyl-phenylether	53.2	0	56.8	ug/L	107	5			42	151	20
Hexachlorobenzene	53.2	0	55.5	ug/L	104	2			72	115	20
Atrazine	53.2	0	57.4	ug/L	108	3			20	162	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2202

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	110	0	140	ug/L	127		10		52	162	20
Phenanthrene	53.2	0	53.6	ug/L	101		2		40	147	20
Anthracene	53.2	0	53.0	ug/L	100		3		41	146	20
Carbazole	53.2	0	54.8	ug/L	103		7		37	154	20
Di-n-butylphthalate	53.2	0	59.9	ug/L	113		1		40	151	20
Fluoranthene	53.2	0	54.9	ug/L	103		7		42	146	20
Pyrene	53.2	0	56.8	ug/L	107		8		41	149	20
Butylbenzylphthalate	53.2	0	63.2	ug/L	119		9		39	155	20
3,3-Dichlorobenzidine	53.2	0	18.2	ug/L	34		8		10	114	20
Benzo(a)anthracene	53.2	0	55.1	ug/L	104		1		41	147	20
Chrysene	53.2	0	54.7	ug/L	103		1		44	144	20
bis(2-Ethylhexyl)phthalate	53.2	0	66.5	ug/L	125		13		33	160	20
Di-n-octyl phthalate	53.2	0	64.9	ug/L	122		9		36	158	20
Benzo(b)fluoranthene	53.2	0	56.0	ug/L	105		3		40	150	20
Benzo(k)fluoranthene	53.2	0	55.1	ug/L	104		2		40	147	20
Benzo(a)pyrene	53.2	0	54.8	ug/L	103		1		42	147	20
Indeno(1,2,3-cd)pyrene	53.2	0	55.3	ug/L	104		4		30	166	20
Dibenz(a,h)anthracene	53.2	0	55.8	ug/L	105		5		23	172	20
Benzo(g,h,i)perylene	53.2	0	54.4	ug/L	102		6		27	167	20
1,2,4,5-Tetrachlorobenzene	53.2	0	48.8	ug/L	92		3		89	102	20
1,4-Dioxane	53.2	0	19.4	ug/L	36	*	3		38	130	20
2,3,4,6-Tetrachlorophenol	53.2	0	57.1	ug/L	107		4		91	111	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2202

Client: PARSONS Engineering of New York, Inc.

Analytical Method: 8270E DataFile: BP024873.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB168323BS	Benzaldehyde	50	36.0	ug/L	72				10	162	
	Phenol	50	49.0	ug/L	98				66	118	
	bis(2-Chloroethyl)ether	50	44.9	ug/L	90				62	103	
	2-Chlorophenol	50	48.7	ug/L	97				70	117	
	2-Methylphenol	50	47.4	ug/L	95				69	109	
	2,2-oxybis(1-Chloropropane)	50	43.1	ug/L	86				65	100	
	Acetophenone	50	45.2	ug/L	90				60	104	
	3+4-Methylphenols	50	46.7	ug/L	93				67	106	
	N-Nitroso-di-n-propylamine	50	41.9	ug/L	84				57	107	
	Hexachloroethane	50	43.8	ug/L	88				76	118	
	Nitrobenzene	50	46.3	ug/L	93				58	106	
	Isophorone	50	43.2	ug/L	86				61	102	
	2-Nitrophenol	50	47.3	ug/L	95				70	115	
	2,4-Dimethylphenol	50	48.1	ug/L	96				42	142	
	bis(2-Chloroethoxy)methane	50	45.2	ug/L	90				58	109	
	2,4-Dichlorophenol	50	49.3	ug/L	99				66	115	
	Naphthalene	50	45.3	ug/L	91				64	107	
	4-Chloroaniline	50	20.3	ug/L	41				10	85	
	Hexachlorobutadiene	50	44.9	ug/L	90				69	101	
	Caprolactam	50	45.7	ug/L	91				58	128	
	4-Chloro-3-methylphenol	50	47.3	ug/L	95				65	114	
	2-Methylnaphthalene	50	45.0	ug/L	90				64	107	
	Hexachlorocyclopentadiene	100	100	ug/L	100				36	160	
	2,4,6-Trichlorophenol	50	48.2	ug/L	96				61	110	
	2,4,5-Trichlorophenol	50	49.6	ug/L	99				70	106	
	1,1-Biphenyl	50	45.8	ug/L	92				72	98	
	2-Chloronaphthalene	50	46.2	ug/L	92				59	106	
	2-Nitroaniline	50	48.3	ug/L	97				73	114	
	Dimethylphthalate	50	44.8	ug/L	90				64	103	
	Acenaphthylene	50	45.5	ug/L	91				79	103	
	2,6-Dinitrotoluene	50	46.2	ug/L	92				64	110	
	3-Nitroaniline	50	25.9	ug/L	52				28	100	
	Acenaphthene	50	45.2	ug/L	90				59	113	
	2,4-Dinitrophenol	100	90.6	ug/L	91				36	166	
	4-Nitrophenol	100	91.4	ug/L	91				45	147	
	Dibenzofuran	50	44.3	ug/L	89				65	106	
	2,4-Dinitrotoluene	50	47.0	ug/L	94				60	115	
	Diethylphthalate	50	44.3	ug/L	89				63	105	
	4-Chlorophenyl-phenylether	50	44.1	ug/L	88				61	104	
	Fluorene	50	44.7	ug/L	89				64	107	
	4-Nitroaniline	50	45.1	ug/L	90				55	125	
	4,6-Dinitro-2-methylphenol	50	48.5	ug/L	97				62	132	
	N-Nitrosodiphenylamine	50	46.8	ug/L	94				61	109	
	4-Bromophenyl-phenylether	50	45.8	ug/L	92				73	103	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2202

Client: PARSONS Engineering of New York, Inc.

Analytical Method: 8270E DataFile: BP024873.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB168323BS	Hexachlorobenzene	50	45.6	ug/L	91				73	106	
	Atrazine	50	46.7	ug/L	93				76	120	
	Pentachlorophenol	100	110	ug/L	110				47	114	
	Phenanthrene	50	45.8	ug/L	92				62	109	
	Anthracene	50	46.0	ug/L	92				65	110	
	Carbazole	50	47.4	ug/L	95				62	106	
	Di-n-butylphthalate	50	46.1	ug/L	92				64	106	
	Fluoranthene	50	45.9	ug/L	92				64	110	
	Pyrene	50	46.2	ug/L	92				71	103	
	Butylbenzylphthalate	50	46.4	ug/L	93				61	105	
	3,3-Dichlorobenzidine	50	26.4	ug/L	53				43	108	
	Benzo(a)anthracene	50	46.6	ug/L	93				62	107	
	Chrysene	50	46.4	ug/L	93				61	108	
	bis(2-Ethylhexyl)phthalate	50	47.5	ug/L	95				59	110	
	Di-n-octyl phthalate	50	48.1	ug/L	96				52	139	
	Benzo(b)fluoranthene	50	47.3	ug/L	95				77	113	
	Benzo(k)fluoranthene	50	47.5	ug/L	95				77	105	
	Benzo(a)pyrene	50	47.7	ug/L	95				72	131	
	Indeno(1,2,3-cd)pyrene	50	47.4	ug/L	95				72	105	
	Dibenz(a,h)anthracene	50	47.6	ug/L	95				78	115	
	Benzo(g,h,i)perylene	50	47.6	ug/L	95				75	118	
	1,2,4,5-Tetrachlorobenzene	50	46.1	ug/L	92				72	101	
	1,4-Dioxane	50	36.2	ug/L	72				38	125	
	2,3,4,6-Tetrachlorophenol	50	46.9	ug/L	94				63	116	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168323BL

Lab Name: CHEMTECH

Contract: PARS02

Lab Code: CHEM Case No.: Q2202

SAS No.: Q2202 SDG NO.: Q2202

Lab File ID: BP024872.D

Lab Sample ID: PB168323BL

Instrument ID: BNA_P

Date Extracted: 06/06/2025

Matrix: (soil/water) Water

Date Analyzed: 06/09/2025

Level: (low/med) LOW

Time Analyzed: 11:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168323BS	PB168323BS	BP024873.D	06/09/2025
GW-MW01-060425MS	Q2230-03MS	BP024879.D	06/09/2025
GW-MW01-060425MSD	Q2230-04MSD	BP024880.D	06/09/2025
MW-12-20250603	Q2202-03	BF142660.D	06/06/2025

COMMENTS: _____

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: PARS02

Lab Code: CHEM

SAS No.: Q2202

SDG NO.: Q2202

Lab File ID: BF142465.D

DFTPP Injection Date: 05/20/2025

Instrument ID: BNA_F

DFTPP Injection Time: 11:13

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	27.4
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	24.7
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	33.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.9
275	10.0 - 60.0% of mass 198	22.3
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	14.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19 (19) 2

1-Value is % mass 69

2-Value is % mass 442

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
SSTDICC2.5	SSTDICC2.5	BF142467.D	05/20/2025	12:10
SSTDICC005	SSTDICC005	BF142468.D	05/20/2025	12:38
SSTDICC010	SSTDICC010	BF142469.D	05/20/2025	13:07
SSTDICC020	SSTDICC020	BF142470.D	05/20/2025	13:36
SSTDICCC040	SSTDICCC040	BF142471.D	05/20/2025	14:05
SSTDICC050	SSTDICC050	BF142472.D	05/20/2025	14:34
SSTDICC060	SSTDICC060	BF142473.D	05/20/2025	15:03
SSTDICC080	SSTDICC080	BF142474.D	05/20/2025	15:31

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: PARS02

Lab Code: CHEM

SAS No.: Q2202 SDG NO.: Q2202

Lab File ID: BF142639.D

DFTPP Injection Date: 06/06/2025

Instrument ID: BNA_F

DFTPP Injection Time: 11:01

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.5
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	29.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	40.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6
275	10.0 - 60.0% of mass 198	25.4
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.9 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

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
SSTDCCC040	SSTDCCC040	BF142640.D	06/06/2025	11:36
MW-12-20250603	Q2202-03	BF142660.D	06/06/2025	22:01

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: PARS02

Lab Code: CHEM

SAS No.: Q2202 SDG NO.: Q2202

Lab File ID: BM050193.D

DFTPP Injection Date: 06/05/2025

Instrument ID: BNA_M

DFTPP Injection Time: 08:40

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	20.3
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	37.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.5
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	24.6
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	74.4
443	15.0 - 24.0% of mass 442	14.8 (19.9) 2

1-Value is % mass 69

2-Value is % mass 442

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
SSTDICC2.5	SSTDICC2.5	BM050194.D	06/05/2025	09:20
SSTDICC005	SSTDICC005	BM050195.D	06/05/2025	09:59
SSTDICC010	SSTDICC010	BM050196.D	06/05/2025	10:38
SSTDICC020	SSTDICC020	BM050197.D	06/05/2025	11:17
SSTDICCC040	SSTDICCC040	BM050198.D	06/05/2025	11:57
SSTDICC050	SSTDICC050	BM050199.D	06/05/2025	12:36
SSTDICC060	SSTDICC060	BM050200.D	06/05/2025	13:16
SSTDICC080	SSTDICC080	BM050201.D	06/05/2025	13:56

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: PARS02

Lab Code: CHEM

SAS No.: Q2202

SDG NO.: Q2202

Lab File ID: BM050261.D

DFTPP Injection Date: 06/10/2025

Instrument ID: BNA_M

DFTPP Injection Time: 04:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	23.8
68	Less than 2.0% of mass 69	0.7 (1.5) 1
69	Mass 69 relative abundance	45.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	52.3
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	24.1
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	11.3
442	Greater than 50% of mass 198	70.3
443	15.0 - 24.0% of mass 442	14.2 (20.2) 2

1-Value is % mass 69

2-Value is % mass 442

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
SSTDCCC040	SSTDCCC040	BM050262.D	06/10/2025	04:48
MW-12-20250603DL	Q2202-03DL	BM050274.D	06/10/2025	12:38

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: PARS02

Lab Code: CHEM

SAS No.: Q2202 SDG NO.: Q2202

Lab File ID: BP024859.D

DFTPP Injection Date: 06/06/2025

Instrument ID: BNA_P

DFTPP Injection Time: 09:49

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.2
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	36.9
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	31.2
365	Greater than 1% of mass 198	4.6
441	Present, but less than mass 443	13.1
442	Greater than 50% of mass 198	84
443	15.0 - 24.0% of mass 442	16.1 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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
SSTDICC2.5	SSTDICC2.5	BP024860.D	06/06/2025	10:30
SSTDICC005	SSTDICC005	BP024861.D	06/06/2025	11:11
SSTDICC010	SSTDICC010	BP024862.D	06/06/2025	11:52
SSTDICC020	SSTDICC020	BP024863.D	06/06/2025	12:33
SSTDICCC040	SSTDICCC040	BP024864.D	06/06/2025	13:14
SSTDICC050	SSTDICC050	BP024865.D	06/06/2025	13:56
SSTDICC060	SSTDICC060	BP024866.D	06/06/2025	14:37
SSTDICC080	SSTDICC080	BP024867.D	06/06/2025	15:18

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: PARS02

Lab Code: CHEM

SAS No.: Q2202

SDG NO.: Q2202

Lab File ID: BP024870.D

DFTPP Injection Date: 06/09/2025

Instrument ID: BNA_P

DFTPP Injection Time: 10:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.2
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	37.7
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48.1
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	30.7
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	75.5
443	15.0 - 24.0% of mass 442	14.5 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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
SSTDCCC040	SSTDCCC040	BP024871.D	06/09/2025	10:44
PB168323BL	PB168323BL	BP024872.D	06/09/2025	11:24
PB168323BS	PB168323BS	BP024873.D	06/09/2025	12:05
GW-MW01-060425MS	Q2230-03MS	BP024879.D	06/09/2025	16:14
GW-MW01-060425MSD	Q2230-04MSD	BP024880.D	06/09/2025	16:55

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG NO.: Q2202

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/06/2025

Lab File ID: BF142640.D Time Analyzed: 11:36

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	126582	6.893	487381	8.18	254808	9.94
UPPER LIMIT	253164	7.393	974762	8.681	509616	10.439
LOWER LIMIT	63291	6.393	243691	7.681	127404	9.439
EPA SAMPLE NO.						
01 MW-12-20250603	126541	6.89	428600	8.19	250553	9.93

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

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 UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG NO.: Q2202

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/06/2025

Lab File ID: BF142640.D Time Analyzed: 11:36

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	375492	11.428	207998	14.069	270482	15.563
UPPER LIMIT	750984	11.928	415996	14.569	540964	16.063
LOWER LIMIT	187746	10.928	103999	13.569	135241	15.063
EPA SAMPLE NO.						
01 MW-12-20250603	375437	11.42	233261	14.06	275077	15.56

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

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 UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG NO.: Q2202

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/10/2025

Lab File ID: BM050262.D Time Analyzed: 04:48

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	460715	7.763	1877130	10.55	1070950	14.40
UPPER LIMIT	921430	8.263	3754260	11.051	2141900	14.898
LOWER LIMIT	230358	7.263	938565	10.051	535475	13.898
EPA SAMPLE NO.						
01 MW-12-20250603DL	334632	7.76	1355550	10.55	770915	14.39

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

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 UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG NO.: Q2202

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/10/2025

Lab File ID: BM050262.D Time Analyzed: 04:48

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1957350	17.133	1968380	21.368	2090330	24.338
UPPER LIMIT	3914700	17.633	3936760	21.868	4180660	24.838
LOWER LIMIT	978675	16.633	984190	20.868	1045170	23.838
EPA SAMPLE NO.						
01 MW-12-20250603DL	1509250	17.13	1638870	21.36	1724620	24.34

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

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 UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG NO.: Q2202

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/09/2025

Lab File ID: BP024871.D Time Analyzed: 10:44

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	255229	7.608	1115940	10.38	722087	14.24
UPPER LIMIT	510458	8.108	2231880	10.878	1444170	14.742
LOWER LIMIT	127615	7.108	557970	9.878	361044	13.742
EPA SAMPLE NO.						
01 PB168323BL	278652	7.61	1083870	10.38	655689	14.25
02 PB168323BS	251786	7.61	1016040	10.38	628283	14.25
03 GW-MW01-060425MS	226271	7.61	937705	10.37	608220	14.25
04 GW-MW01-060425MSD	335961	7.61	1346860	10.38	841053	14.25

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

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 UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG NO.: Q2202

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/09/2025

Lab File ID: BP024871.D Time Analyzed: 10:44

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1406330	17.048	1456980	21.477	1778910	24.724
UPPER LIMIT	2812660	17.548	2913960	21.977	3557820	25.224
LOWER LIMIT	703165	16.548	728490	20.977	889455	24.224
EPA SAMPLE NO.						
01 PB168323BL	1268480	17.07	1277130	21.49	1472670	24.73
02 PB168323BS	1189380	17.06	1268870	21.48	1547950	24.72
03 GW-MW01-060425MS	1235200	17.04	1490400	21.47	1839740	24.71
04 GW-MW01-060425MSD	1657670	17.04	1681540	21.48	1927040	24.73

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

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 UPPER 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

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:	PB168323BL		SDG No.:	Q2202
Lab Sample ID:	PB168323BL		Matrix:	Water
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024872.D	1	06/06/25 08:35	06/09/25 11:24	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.0	ug/L
108-95-2	Phenol	0.91	U	0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
95-57-8	2-Chlorophenol	0.58	U	0.58	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.00	ug/L
98-86-2	Acetophenone	0.74	U	0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
78-59-1	Isophorone	0.75	U	0.75	5.00	ug/L
88-75-5	2-Nitrophenol	1.80	U	1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	1.90	U	1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	0.52	U	0.52	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	0.84	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
105-60-2	Caprolactam	1.10	U	1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	0.59	U	0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	3.60	U	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	0.51	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.62	U	0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	0.53	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.61	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	0.61	U	0.61	5.00	ug/L

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:	PB168323BL		SDG No.:	Q2202
Lab Sample ID:	PB168323BL		Matrix:	Water
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024872.D	1	06/06/25 08:35	06/09/25 11:24	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	0.75	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	0.55	U	0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	6.00	U	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	2.40	U	2.40	10.0	ug/L
132-64-9	Dibenzofuran	0.61	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	0.69	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	0.68	5.00	ug/L
86-73-7	Fluorene	0.63	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	0.58	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.00	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.0	ug/L
85-01-8	Phenanthrene	0.50	U	0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
86-74-8	Carbazole	0.72	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	0.82	U	0.82	5.00	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.00	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.30	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.00	ug/L

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:	PB168323BL		SDG No.:	Q2202
Lab Sample ID:	PB168323BL		Matrix:	Water
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024872.D	1	06/06/25 08:35	06/09/25 11:24	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	0.55	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.67	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	0.69	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	146		23 - 138	97%	SPK: 150
13127-88-3	Phenol-d6	137		10 - 134	92%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.2		67 - 132	85%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.3		52 - 132	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	143		44 - 137	95%	SPK: 150
1718-51-0	Terphenyl-d14	90.1		42 - 152	90%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	279000		7.608		
1146-65-2	Naphthalene-d8	1080000		10.378		
15067-26-2	Acenaphthene-d10	656000		14.248		
1517-22-2	Phenanthrene-d10	1270000		17.066		
1719-03-5	Chrysene-d12	1280000		21.489		
1520-96-3	Perylene-d12	1470000		24.73		
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	8.90	A		4.78	ug/L

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:	PB168323BL		SDG No.:	Q2202
Lab Sample ID:	PB168323BL		Matrix:	Water
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024872.D	1	06/06/25 08:35	06/09/25 11:24	PB168323

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

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:	PB168323BS		SDG No.:	Q2202
Lab Sample ID:	PB168323BS		Matrix:	Water
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024873.D	1	06/06/25 08:35	06/09/25 12:05	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	36.0		3.90	10.0	ug/L
108-95-2	Phenol	49.0		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.9		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	48.7		0.58	5.00	ug/L
95-48-7	2-Methylphenol	47.4		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	43.1		1.30	5.00	ug/L
98-86-2	Acetophenone	45.2		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	46.7		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	41.9		1.40	2.50	ug/L
67-72-1	Hexachloroethane	43.8		0.65	5.00	ug/L
98-95-3	Nitrobenzene	46.3		0.76	5.00	ug/L
78-59-1	Isophorone	43.2		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	47.3		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	48.1		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	45.2		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	49.3		0.52	5.00	ug/L
91-20-3	Naphthalene	45.3		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	20.3		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	44.9		0.54	5.00	ug/L
105-60-2	Caprolactam	45.7		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	47.3		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	45.0		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	100	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	48.2		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	49.6		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	45.8		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	46.2		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	48.3		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	44.8		0.61	5.00	ug/L

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:	PB168323BS		SDG No.:	Q2202
Lab Sample ID:	PB168323BS		Matrix:	Water
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024873.D	1	06/06/25 08:35	06/09/25 12:05	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	45.5		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	46.2		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	25.9		1.10	5.00	ug/L
83-32-9	Acenaphthene	45.2		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	90.6	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	91.4	E	2.40	10.0	ug/L
132-64-9	Dibenzofuran	44.3		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	47.0		1.20	5.00	ug/L
84-66-2	Diethylphthalate	44.3		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	44.1		0.68	5.00	ug/L
86-73-7	Fluorene	44.7		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	45.1		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	48.5		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	46.8		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	45.8		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	45.6		0.52	5.00	ug/L
1912-24-9	Atrazine	46.7		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	110	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	45.8		0.50	5.00	ug/L
120-12-7	Anthracene	46.0		0.61	5.00	ug/L
86-74-8	Carbazole	47.4		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	46.1		1.20	5.00	ug/L
206-44-0	Fluoranthene	45.9		0.82	5.00	ug/L
129-00-0	Pyrene	46.2		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	46.4		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	26.4		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	46.6		0.45	5.00	ug/L
218-01-9	Chrysene	46.4		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	47.5		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	48.1		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	47.3		0.49	5.00	ug/L

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:	PB168323BS		SDG No.:	Q2202
Lab Sample ID:	PB168323BS		Matrix:	Water
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024873.D	1	06/06/25 08:35	06/09/25 12:05	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	47.5		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	47.7		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47.4		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	47.6		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	47.6		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46.1		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	36.2		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	46.9		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	143		23 - 138	95%	SPK: 150
13127-88-3	Phenol-d6	136		10 - 134	91%	SPK: 150
4165-60-0	Nitrobenzene-d5	79.4		67 - 132	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.9		52 - 132	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	131		44 - 137	88%	SPK: 150
1718-51-0	Terphenyl-d14	79.2		42 - 152	79%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	252000		7.608		
1146-65-2	Naphthalene-d8	1020000		10.378		
15067-26-2	Acenaphthene-d10	628000		14.248		
1517-22-2	Phenanthrene-d10	1190000		17.06		
1719-03-5	Chrysene-d12	1270000		21.483		
1520-96-3	Perylene-d12	1550000		24.724		

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

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:	GW-MW01-060425MS	SDG No.:	Q2202
Lab Sample ID:	Q2230-03MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024879.D	1	06/06/25 08:35	06/09/25 16:14	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	39.6		4.10	10.4	ug/L
108-95-2	Phenol	19.1		0.95	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	51.3		0.84	5.20	ug/L
95-57-8	2-Chlorophenol	45.5		0.60	5.20	ug/L
95-48-7	2-Methylphenol	38.6		1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	44.9		1.30	5.20	ug/L
98-86-2	Acetophenone	55.9		0.77	5.20	ug/L
65794-96-9	3+4-Methylphenols	41.2		1.10	10.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	50.4		1.50	2.60	ug/L
67-72-1	Hexachloroethane	24.9		0.68	5.20	ug/L
98-95-3	Nitrobenzene	54.9		0.79	5.20	ug/L
78-59-1	Isophorone	51.6		0.78	5.20	ug/L
88-75-5	2-Nitrophenol	52.7		1.80	5.20	ug/L
105-67-9	2,4-Dimethylphenol	48.2		1.90	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	52.2		0.71	5.20	ug/L
120-83-2	2,4-Dichlorophenol	53.0		0.54	5.20	ug/L
91-20-3	Naphthalene	42.7		0.52	5.20	ug/L
106-47-8	4-Chloroaniline	31.4		0.88	5.20	ug/L
87-68-3	Hexachlorobutadiene	28.9		0.56	5.20	ug/L
105-60-2	Caprolactam	11.7		1.20	10.4	ug/L
59-50-7	4-Chloro-3-methylphenol	50.6		0.61	5.20	ug/L
91-57-6	2-Methylnaphthalene	48.7		0.58	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	62.8		3.80	10.4	ug/L
88-06-2	2,4,6-Trichlorophenol	55.7		0.53	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	57.9		0.65	5.20	ug/L
92-52-4	1,1-Biphenyl	50.2		0.55	5.20	ug/L
91-58-7	2-Chloronaphthalene	48.7		0.64	5.20	ug/L
88-74-4	2-Nitroaniline	51.3		1.30	5.20	ug/L
131-11-3	Dimethylphthalate	54.0		0.64	5.20	ug/L

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:	GW-MW01-060425MS	SDG No.:	Q2202
Lab Sample ID:	Q2230-03MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024879.D	1	06/06/25 08:35	06/09/25 16:14	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	50.7		0.78	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	56.1		0.96	5.20	ug/L
99-09-2	3-Nitroaniline	33.9		1.10	5.20	ug/L
83-32-9	Acenaphthene	52.1		0.57	5.20	ug/L
51-28-5	2,4-Dinitrophenol	100	E	6.20	10.4	ug/L
100-02-7	4-Nitrophenol	48.3		2.50	10.4	ug/L
132-64-9	Dibenzofuran	52.6		0.64	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	60.2		1.30	5.20	ug/L
84-66-2	Diethylphthalate	56.7		0.72	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	53.6		0.71	5.20	ug/L
86-73-7	Fluorene	53.8		0.66	5.20	ug/L
100-01-6	4-Nitroaniline	47.0		1.60	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	53.6		3.00	10.4	ug/L
86-30-6	n-Nitrosodiphenylamine	52.4		0.60	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	53.0		0.42	5.20	ug/L
118-74-1	Hexachlorobenzene	53.4		0.54	5.20	ug/L
1912-24-9	Atrazine	57.8		1.10	5.20	ug/L
87-86-5	Pentachlorophenol	140	E	1.60	10.4	ug/L
85-01-8	Phenanthrene	53.7		0.52	5.20	ug/L
120-12-7	Anthracene	53.8		0.64	5.20	ug/L
86-74-8	Carbazole	57.9		0.75	5.20	ug/L
84-74-2	Di-n-butylphthalate	58.4		1.30	5.20	ug/L
206-44-0	Fluoranthene	57.7		0.85	5.20	ug/L
129-00-0	Pyrene	51.4		0.52	5.20	ug/L
85-68-7	Butylbenzylphthalate	56.8		2.00	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	19.1		0.97	10.4	ug/L
56-55-3	Benzo(a)anthracene	54.6		0.47	5.20	ug/L
218-01-9	Chrysene	53.4		0.46	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	57.3		1.70	5.20	ug/L
117-84-0	Di-n-octyl phthalate	58.4		2.40	10.4	ug/L
205-99-2	Benzo(b)fluoranthene	56.2		0.51	5.20	ug/L

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:	GW-MW01-060425MS	SDG No.:	Q2202
Lab Sample ID:	Q2230-03MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024879.D	1	06/06/25 08:35	06/09/25 16:14	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	53.1		0.50	5.20	ug/L
50-32-8	Benzo(a)pyrene	54.1		0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	56.3		0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	57.5		0.70	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	56.4		0.72	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46.6		0.54	5.20	ug/L
123-91-1	1,4-Dioxane	18.1		1.00	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	57.7		0.75	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	79.2		23 - 138	53%	SPK: 150
13127-88-3	Phenol-d6	50.7		10 - 134	34%	SPK: 150
4165-60-0	Nitrobenzene-d5	90.5		67 - 132	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.6		52 - 132	86%	SPK: 100
118-79-6	2,4,6-Tribromophenol	162		44 - 137	108%	SPK: 150
1718-51-0	Terphenyl-d14	80.4		42 - 152	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	226000	7.608			
1146-65-2	Naphthalene-d8	938000	10.372			
15067-26-2	Acenaphthene-d10	608000	14.248			
1517-22-2	Phenanthrene-d10	1240000	17.042			
1719-03-5	Chrysene-d12	1490000	21.471			
1520-96-3	Perylene-d12	1840000	24.713			

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

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:	GW-MW01-060425MSD	SDG No.:	Q2202
Lab Sample ID:	Q2230-04MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024880.D	1	06/06/25 08:35	06/09/25 16:55	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	38.8		4.20	10.6	ug/L
108-95-2	Phenol	18.1		0.97	5.30	ug/L
111-44-4	bis(2-Chloroethyl)ether	50.2		0.86	5.30	ug/L
95-57-8	2-Chlorophenol	43.6		0.62	5.30	ug/L
95-48-7	2-Methylphenol	37.0		1.20	5.30	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	44.5		1.40	5.30	ug/L
98-86-2	Acetophenone	55.5		0.79	5.30	ug/L
65794-96-9	3+4-Methylphenols	38.5		1.20	10.6	ug/L
621-64-7	n-Nitroso-di-n-propylamine	48.1		1.50	2.70	ug/L
67-72-1	Hexachloroethane	24.9		0.69	5.30	ug/L
98-95-3	Nitrobenzene	54.8		0.81	5.30	ug/L
78-59-1	Isophorone	51.1		0.80	5.30	ug/L
88-75-5	2-Nitrophenol	52.9		1.90	5.30	ug/L
105-67-9	2,4-Dimethylphenol	46.9		2.00	5.30	ug/L
111-91-1	bis(2-Chloroethoxy)methane	52.7		0.72	5.30	ug/L
120-83-2	2,4-Dichlorophenol	51.8		0.55	5.30	ug/L
91-20-3	Naphthalene	42.1		0.53	5.30	ug/L
106-47-8	4-Chloroaniline	28.9		0.89	5.30	ug/L
87-68-3	Hexachlorobutadiene	30.1		0.57	5.30	ug/L
105-60-2	Caprolactam	10.8		1.20	10.6	ug/L
59-50-7	4-Chloro-3-methylphenol	48.9		0.63	5.30	ug/L
91-57-6	2-Methylnaphthalene	48.6		0.60	5.30	ug/L
77-47-4	Hexachlorocyclopentadiene	70.7		3.90	10.6	ug/L
88-06-2	2,4,6-Trichlorophenol	56.6		0.54	5.30	ug/L
95-95-4	2,4,5-Trichlorophenol	57.7		0.66	5.30	ug/L
92-52-4	1,1-Biphenyl	52.0		0.56	5.30	ug/L
91-58-7	2-Chloronaphthalene	50.5		0.65	5.30	ug/L
88-74-4	2-Nitroaniline	49.4		1.30	5.30	ug/L
131-11-3	Dimethylphthalate	53.9		0.65	5.30	ug/L

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:	GW-MW01-060425MSD	SDG No.:	Q2202
Lab Sample ID:	Q2230-04MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024880.D	1	06/06/25 08:35	06/09/25 16:55	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	51.1		0.80	5.30	ug/L
606-20-2	2,6-Dinitrotoluene	55.7		0.98	5.30	ug/L
99-09-2	3-Nitroaniline	32.5		1.10	5.30	ug/L
83-32-9	Acenaphthene	52.7		0.59	5.30	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.40	10.6	ug/L
100-02-7	4-Nitrophenol	45.5		2.50	10.6	ug/L
132-64-9	Dibenzofuran	52.6		0.65	5.30	ug/L
121-14-2	2,4-Dinitrotoluene	57.4		1.30	5.30	ug/L
84-66-2	Diethylphthalate	56.7		0.73	5.30	ug/L
7005-72-3	4-Chlorophenyl-phenylether	54.1		0.72	5.30	ug/L
86-73-7	Fluorene	53.9		0.67	5.30	ug/L
100-01-6	4-Nitroaniline	44.3		1.60	5.30	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	56.0		3.10	10.6	ug/L
86-30-6	n-Nitrosodiphenylamine	53.2		0.62	5.30	ug/L
101-55-3	4-Bromophenyl-phenylether	56.8		0.43	5.30	ug/L
118-74-1	Hexachlorobenzene	55.5		0.55	5.30	ug/L
1912-24-9	Atrazine	57.4		1.10	5.30	ug/L
87-86-5	Pentachlorophenol	140	E	1.70	10.6	ug/L
85-01-8	Phenanthrene	53.6		0.53	5.30	ug/L
120-12-7	Anthracene	53.0		0.65	5.30	ug/L
86-74-8	Carbazole	54.8		0.77	5.30	ug/L
84-74-2	Di-n-butylphthalate	59.9		1.30	5.30	ug/L
206-44-0	Fluoranthene	54.9		0.87	5.30	ug/L
129-00-0	Pyrene	56.8		0.53	5.30	ug/L
85-68-7	Butylbenzylphthalate	63.2		2.10	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	18.2		0.99	10.6	ug/L
56-55-3	Benzo(a)anthracene	55.1		0.48	5.30	ug/L
218-01-9	Chrysene	54.7		0.47	5.30	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	66.5		1.70	5.30	ug/L
117-84-0	Di-n-octyl phthalate	64.9		2.50	10.6	ug/L
205-99-2	Benzo(b)fluoranthene	56.0		0.52	5.30	ug/L

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:	GW-MW01-060425MSD	SDG No.:	Q2202
Lab Sample ID:	Q2230-04MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024880.D	1	06/06/25 08:35	06/09/25 16:55	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	55.1		0.51	5.30	ug/L
50-32-8	Benzo(a)pyrene	54.8		0.59	5.30	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	55.3		0.63	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	55.8		0.71	5.30	ug/L
191-24-2	Benzo(g,h,i)perylene	54.4		0.73	5.30	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	48.8		0.55	5.30	ug/L
123-91-1	1,4-Dioxane	19.4		1.10	5.30	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	57.1		0.77	5.30	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	74.2		23 - 138	49%	SPK: 150
13127-88-3	Phenol-d6	46.3		10 - 134	31%	SPK: 150
4165-60-0	Nitrobenzene-d5	88.0		67 - 132	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.9		52 - 132	86%	SPK: 100
118-79-6	2,4,6-Tribromophenol	159		44 - 137	106%	SPK: 150
1718-51-0	Terphenyl-d14	89.3		42 - 152	89%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	336000	7.608			
1146-65-2	Naphthalene-d8	1350000	10.378			
15067-26-2	Acenaphthene-d10	841000	14.248			
1517-22-2	Phenanthrene-d10	1660000	17.042			
1719-03-5	Chrysene-d12	1680000	21.477			
1520-96-3	Perylene-d12	1930000	24.73			

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

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF052025.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue May 20 16:26:47 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BF142467.D 5 =BF142468.D 10 =BF142469.D 20 =BF142470.D 40 =BF142471.D 50 =BF142472.D 60 =BF142473.D 80 =BF142474.D

Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD

1) I 1,4-Dichlorobenzen...	-----ISTD-----									
2) 1,4-Dioxane	0.493	0.460	0.474	0.458	0.500	0.486	0.456	0.475		3.79
3) Pyridine	1.237	1.150	1.212	1.170	1.273	1.234	1.190	1.210		3.52
4) n-Nitrosodimet...	0.612	0.593	0.627	0.619	0.673	0.652	0.621	0.628		4.21
5) S 2-Fluorophenol	1.264	1.214	1.225	1.125	1.220	1.164	1.098	1.187		5.03
6) Aniline	2.044	1.889	1.963	1.844	1.993	1.910	1.808	1.921		4.35
7) S Phenol-d6	1.530	1.449	1.459	1.367	1.467	1.403	1.328	1.429		4.77
8) 2-Chlorophenol	1.345	1.293	1.315	1.252	1.338	1.285	1.223	1.293		3.44
9) Benzaldehyde	1.035	0.975	0.969	0.817	0.872	0.758	0.591	0.859		17.81
10) C Phenol	1.716	1.621	1.646	1.530	1.657	1.597	1.487	1.608		4.85
11) bis(2-Chloroet...	1.202	1.155	1.168	1.108	1.209	1.156	1.105	1.157		3.52
12) 1,3-Dichlorobe...	1.562	1.470	1.473	1.389	1.482	1.407	1.317	1.443		5.48
13) C 1,4-Dichlorobe...	1.540	1.476	1.491	1.407	1.495	1.430	1.335	1.453		4.70
14) 1,2-Dichlorobe...	1.495	1.405	1.436	1.327	1.432	1.357	1.284	1.391		5.20
15) Benzyl Alcohol	1.059	1.024	1.058	1.021	1.131	1.073	1.026	1.056		3.69
16) 2,2'-oxybis(1-...	2.082	1.978	1.983	1.868	2.011	1.898	1.786	1.944		5.11
17) 2-Methylphenol	1.040	0.992	1.026	0.976	1.053	1.015	0.965	1.010		3.27
18) Hexachloroethane	0.533	0.503	0.523	0.489	0.529	0.497	0.477	0.507		4.23
19) P n-Nitroso-di-n...	0.923	0.941	0.880	0.900	0.843	0.912	0.866	0.819	0.886	4.69
20) 3+4-Methylphenols	1.412	1.319	1.337	1.246	1.337	1.250	1.149	1.293		6.59

21) I Naphthalene-d8	-----ISTD-----									
22) Acetophenone	0.480	0.453	0.459	0.429	0.452	0.428	0.399	0.443		5.98
23) S Nitrobenzene-d5	0.376	0.365	0.379	0.356	0.382	0.363	0.347	0.367		3.51
24) Nitrobenzene	0.338	0.328	0.338	0.323	0.343	0.331	0.316	0.331		2.94
25) Isophorone	0.636	0.615	0.620	0.593	0.638	0.607	0.585	0.613		3.26
26) C 2-Nitrophenol	0.167	0.170	0.180	0.175	0.190	0.182	0.173	0.177		4.44
27) 2,4-Dimethylph...	0.315	0.315	0.318	0.303	0.325	0.312	0.295	0.312		3.22
28) bis(2-Chloroet...	0.406	0.394	0.394	0.364	0.391	0.375	0.358	0.383		4.63
29) C 2,4-Dichloroph...	0.288	0.282	0.290	0.276	0.300	0.283	0.266	0.283		3.74
30) 1,2,4-Trichlor...	0.325	0.313	0.317	0.295	0.320	0.300	0.284	0.308		4.89
31) Naphthalene	1.061	1.021	1.020	0.941	1.007	0.953	0.891	0.985		5.94
32) Benzoic acid		0.153	0.176	0.188	0.211	0.209	0.201	0.190		11.73
33) 4-Chloroaniline	0.424	0.409	0.416	0.389	0.415	0.397	0.343	0.399		6.87
34) C Hexachlorobuta...	0.203	0.192	0.197	0.187	0.198	0.192	0.176	0.192		4.52
35) Caprolactam	0.081	0.076	0.083	0.079	0.085	0.078	0.076	0.080		4.29
36) C 4-Chloro-3-met...	0.304	0.290	0.299	0.282	0.301	0.287	0.271	0.291		4.02
37) 2-Methylnaphth...	0.679	0.638	0.646	0.590	0.631	0.598	0.556	0.620		6.62
38) 1-Methylnaphth...	0.703	0.668	0.672	0.615	0.650	0.611	0.566	0.641		7.19

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF052025.M

39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.592	0.580	0.588	0.552	0.592	0.573	0.544	0.574	3.39
41) P	Hexachlorocycl...	0.318	0.350	0.383	0.393	0.430	0.425	0.411	0.387	10.57
42) S	2,4,6-Tribromo...	0.230	0.225	0.234	0.211	0.233	0.218	0.202	0.222	5.39
43) C	2,4,6-Trichlor...	0.387	0.373	0.406	0.371	0.406	0.388	0.379	0.387	3.69
44)	2,4,5-Trichlor...	0.410	0.411	0.416	0.395	0.437	0.408	0.381	0.408	4.27
45) S	2-Fluorobiphenyl	1.726	1.619	1.558	1.387	1.480	1.396	1.268	1.490	10.46
46)	1,1'-Biphenyl	1.672	1.605	1.595	1.480	1.595	1.507	1.408	1.552	5.82
47)	2-Chloronaphth...	1.218	1.170	1.177	1.094	1.183	1.122	1.061	1.146	4.84
48)	2-Nitroaniline	0.333	0.318	0.338	0.324	0.354	0.332	0.320	0.331	3.72
49)	Acenaphthylene	2.064	1.982	2.027	1.851	1.998	1.885	1.745	1.936	5.85
50)	Dimethylphthalate	1.441	1.340	1.367	1.255	1.366	1.256	1.211	1.320	6.16
51)	2,6-Dinitrotol...	0.290	0.283	0.289	0.280	0.302	0.281	0.268	0.285	3.74
52) C	Acenaphthene	1.259	1.222	1.227	1.120	1.223	1.146	1.077	1.182	5.72
53)	3-Nitroaniline	0.320	0.309	0.327	0.299	0.330	0.305	0.287	0.311	5.02
54) P	2,4-Dinitrophenol		0.110	0.137	0.149	0.169	0.160	0.158	0.147	14.36
55)	Dibenzofuran	1.886	1.766	1.768	1.606	1.736	1.635	1.509	1.701	7.38
56) P	4-Nitrophenol	0.221	0.217	0.242	0.227	0.252	0.229	0.220	0.230	5.57
57)	2,4-Dinitrotol...	0.372	0.367	0.387	0.364	0.398	0.372	0.344	0.372	4.62
58)	Fluorene	1.477	1.399	1.372	1.231	1.343	1.238	1.140	1.314	8.85
59)	2,3,4,6-Tetrac...	0.347	0.336	0.360	0.333	0.361	0.333	0.317	0.341	4.71
60)	Diethylphthalate	1.422	1.310	1.359	1.231	1.343	1.218	1.140	1.289	7.51
61)	4-Chlorophenyl...	0.724	0.678	0.676	0.609	0.653	0.612	0.566	0.646	8.25
62)	4-Nitroaniline	0.303	0.283	0.303	0.277	0.294	0.265	0.251	0.282	6.95
63)	Azobenzene	1.239	1.194	1.188	1.107	1.197	1.123	1.055	1.158	5.55
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.086	0.094	0.110	0.115	0.129	0.125	0.123	0.112	14.72
66) c	n-Nitrosodiphe...	0.712	0.682	0.696	0.649	0.697	0.694	0.660	0.684	3.30
67)	4-Bromophenyl-...	0.240	0.235	0.239	0.222	0.246	0.243	0.230	0.236	3.45
68)	Hexachlorobenzene	0.265	0.267	0.263	0.251	0.273	0.262	0.250	0.262	3.19
69)	Atrazine	0.184	0.174	0.186	0.178	0.196	0.181	0.174	0.182	4.29
70) C	Pentachlorophenol	0.130	0.135	0.149	0.147	0.162	0.157	0.154	0.148	7.88
71)	Phenanthrene	1.196	1.094	1.100	1.012	1.085	1.033	0.964	1.069	7.00
72)	Anthracene	1.191	1.132	1.124	1.036	1.110	1.048	0.996	1.091	6.15
73)	Carbazole	1.030	0.968	0.982	0.889	0.950	0.877	0.832	0.933	7.39
74)	Di-n-butylphth...	1.108	1.039	1.083	0.976	1.059	0.974	0.908	1.021	6.95
75) C	Fluoranthene	1.177	1.081	1.052	0.938	0.997	0.901	0.846	0.999	11.41
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.670	0.782	0.903	0.797	0.805	0.698	0.556	0.744	15.12
78)	Pyrene	1.929	1.967	2.066	1.859	1.959	1.773	1.507	1.866	9.79
79) S	Terphenyl-d14	1.624	1.582	1.660	1.423	1.492	1.337	1.126	1.464	12.80
80)	Butylbenzylpht...	0.462	0.453	0.525	0.526	0.575	0.550	0.517	0.516	8.54
81)	Benzo(a)anthra...	1.424	1.287	1.403	1.278	1.391	1.327	1.238	1.336	5.36
82)	3,3'-Dichlorob...	0.360	0.364	0.402	0.407	0.444	0.442	0.417	0.405	8.30
83)	Chrysene	1.222	1.204	1.193	1.145	1.255	1.223	1.158	1.200	3.20
84)	Bis(2-ethylhex...	0.510	0.548	0.618	0.673	0.765	0.778	0.727	0.660	15.91
85) c	Di-n-octyl pht...		0.958	1.108	1.266	1.432	1.542	1.437	1.290	17.30

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF052025.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.421	1.495	1.583	1.448	1.583	1.546	1.434	1.501	4.64
88)	Benzo(b)fluora...	1.317	1.105	1.293	1.126	1.209	1.122	1.114	1.184	7.62
89)	Benzo(k)fluora...	1.191	1.166	1.032	1.042	1.178	1.128	1.023	1.109	6.68
90) C	Benzo(a)pyrene	1.154	1.081	1.114	1.081	1.185	1.133	1.062	1.116	4.00
91)	Dibenzo(a,h)an...	1.152	1.228	1.275	1.184	1.290	1.245	1.149	1.218	4.67
92)	Benzo(g,h,i)pe...	1.154	1.220	1.270	1.180	1.299	1.245	1.158	1.218	4.64

(#) = Out of Range

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
 Method File : 8270-BM060525.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Jun 05 16:20:25 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BM050194.D 5 =BM050195.D 10 =BM050196.D 20 =BM050197.D 40 =BM050198.D 50 =BM050199.D 60 =BM050200.D 80 =BM050201.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.597	0.552	0.516	0.479	0.511	0.536	0.488	0.526	7.69	
3)	Pyridine	1.353	1.352	1.370	1.311	1.425	1.389	1.326	1.361	2.80	
4)	n-Nitrosodimet...	0.283	0.265	0.279	0.272	0.297	0.293	0.282	0.281	3.95	
5) S	2-Fluorophenol	1.251	1.193	1.192	1.145	1.238	1.224	1.150	1.199	3.45	
6)	Aniline	2.033	2.016	2.147	2.065	2.250	2.064	2.031	2.086	4.02	
7) S	Phenol-d6	1.569	1.521	1.617	1.565	1.699	1.560	1.516	1.578	4.00	
8)	2-Chlorophenol	1.289	1.259	1.344	1.295	1.418	1.338	1.288	1.319	4.02	
9)	Benzaldehyde	1.188	1.080	1.096	0.878	0.975	0.804		1.003	14.43	
10) C	Phenol	1.673	1.644	1.710	1.644	1.782	1.637	1.600	1.670	3.58	
11)	bis(2-Chloroet...	1.396	1.319	1.380	1.315	1.428	1.295	1.269	1.343	4.36	
12)	1,3-Dichlorobe...	1.516	1.462	1.491	1.412	1.545	1.485	1.409	1.474	3.46	
13) C	1,4-Dichlorobe...	1.619	1.544	1.564	1.450	1.591	1.525	1.444	1.534	4.34	
14)	1,2-Dichlorobe...	1.503	1.456	1.492	1.402	1.540	1.450	1.392	1.462	3.68	
15)	Benzyl Alcohol	1.072	1.045	1.152	1.141	1.267	1.102	1.101	1.126	6.43	
16)	2,2'-oxybis(1-...	1.012	0.949	0.974	0.909	0.978	0.863	0.845	0.933	6.68	
17)	2-Methylphenol	1.078	1.042	1.133	1.108	1.207	1.077	1.068	1.102	4.96	
18)	Hexachloroethane	0.564	0.544	0.552	0.533	0.593	0.559	0.543	0.556	3.51	
19) P	n-Nitroso-di-n...	0.847	0.944	0.947	1.072	1.001	1.096	0.906	0.913	0.966	8.82
20)	3+4-Methylphenols		1.367	1.375	1.533	1.509	1.661	1.437	1.438	1.474	6.98
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.515	0.506	0.517	0.476	0.519	0.495	0.470	0.500	4.03	
23) S	Nitrobenzene-d5	0.359	0.362	0.392	0.377	0.414	0.406	0.382	0.385	5.42	
24)	Nitrobenzene	0.333	0.337	0.359	0.339	0.370	0.363	0.347	0.350	4.10	
25)	Isophorone	0.647	0.624	0.685	0.659	0.733	0.652	0.646	0.664	5.33	
26) C	2-Nitrophenol	0.116	0.124	0.146	0.155	0.178	0.169	0.169	0.151	15.65	
27)	2,4-Dimethylph...	0.311	0.298	0.315	0.303	0.332	0.313	0.299	0.310	3.80	
28)	bis(2-Chloroet...	0.426	0.413	0.447	0.427	0.470	0.432	0.420	0.434	4.42	
29) C	2,4-Dichloroph...	0.265	0.262	0.289	0.286	0.319	0.300	0.289	0.287	6.83	
30)	1,2,4-Trichlor...	0.324	0.307	0.321	0.305	0.337	0.330	0.312	0.319	3.72	
31)	Naphthalene	1.111	1.041	1.056	0.977	1.061	1.025	0.969	1.034	4.79	
32)	Benzoic acid		0.127	0.176	0.204	0.233	0.211	0.219	0.195	19.69	
33)	4-Chloroaniline	0.438	0.423	0.454	0.433	0.477	0.440	0.422	0.441	4.37	
34) C	Hexachlorobuta...	0.188	0.184	0.189	0.182	0.202	0.197	0.188	0.190	3.74	
35)	Caprolactam	0.077	0.077	0.093	0.097	0.112	0.092	0.090	0.091	13.48	
36) C	4-Chloro-3-met...	0.293	0.276	0.313	0.313	0.347	0.302	0.299	0.306	7.19	
37)	2-Methylnaphth...	0.625	0.592	0.643	0.615	0.679	0.619	0.594	0.624	4.78	
38)	1-Methylnaphth...	0.676	0.637	0.689	0.649	0.714	0.648	0.622	0.662	4.86	

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
 Method File : 8270-BM060525.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.586	0.561	0.585	0.541	0.589	0.607	0.574	0.578	3.71	
41) P	Hexachlorocycl...	0.295	0.305	0.339	0.341	0.382	0.401	0.392	0.351	12.02	
42) S	2,4,6-Tribromo...	0.210	0.213	0.238	0.231	0.254	0.233	0.214	0.227	6.99	
43) C	2,4,6-Trichlor...	0.346	0.347	0.379	0.375	0.414	0.402	0.396	0.380	6.93	
44)	2,4,5-Trichlor...	0.371	0.382	0.424	0.414	0.457	0.442	0.429	0.417	7.46	
45) S	2-Fluorobiphenyl	1.589	1.536	1.532	1.377	1.463	1.480	1.364	1.477	5.67	
46)	1,1'-Biphenyl	1.582	1.513	1.514	1.404	1.526	1.508	1.437	1.498	3.96	
47)	2-Chloronaphth...	1.221	1.194	1.180	1.084	1.171	1.177	1.123	1.164	3.94	
48)	2-Nitroaniline	0.200	0.206	0.252	0.268	0.302	0.290	0.277	0.256	15.56	
49)	Acenaphthylene	1.863	1.834	1.940	1.819	1.978	1.924	1.824	1.883	3.39	
50)	Dimethylphthalate	1.339	1.285	1.398	1.343	1.474	1.344	1.284	1.353	4.92	
51)	2,6-Dinitrotol...	0.204	0.231	0.284	0.289	0.320	0.297	0.284	0.273	14.82	
52) C	Acenaphthene	1.217	1.176	1.185	1.132	1.228	1.181	1.127	1.178	3.24	
53)	3-Nitroaniline	0.231	0.252	0.312	0.323	0.360	0.336	0.314	0.304	15.16	
54) P	2,4-Dinitrophenol		0.093	0.131	0.152	0.179	0.160	0.160	0.146	20.67	
55)	Dibenzofuran	1.782	1.710	1.775	1.662	1.797	1.719	1.617	1.723	3.87	
56) P	4-Nitrophenol	0.199	0.216	0.265	0.274	0.307	0.288	0.262	0.259	14.93	
57)	2,4-Dinitrotol...	0.250	0.283	0.365	0.396	0.447	0.398	0.380	0.360	19.28	
58)	Fluorene	1.413	1.358	1.394	1.267	1.348	1.289	1.169	1.320	6.40	
59)	2,3,4,6-Tetrac...	0.338	0.330	0.370	0.365	0.401	0.371	0.350	0.361	6.60	
60)	Diethylphthalate	1.314	1.272	1.416	1.346	1.490	1.317	1.238	1.342	6.43	
61)	4-Chlorophenyl...	0.675	0.656	0.667	0.611	0.660	0.623	0.573	0.638	5.81	
62)	4-Nitroaniline	0.213	0.236	0.291	0.308	0.342	0.319	0.285	0.285	16.00	
63)	Azobenzene	1.342	1.330	1.415	1.313	1.443	1.316	1.230	1.341	5.25	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...		0.075	0.101	0.111	0.128	0.120	0.121	0.109	17.72	
66) c	n-Nitrosodiphe...	0.630	0.626	0.639	0.594	0.646	0.639	0.625	0.628	2.73	
67)	4-Bromophenyl-...	0.207	0.204	0.215	0.204	0.228	0.217	0.218	0.213	4.13	
68)	Hexachlorobenzene	0.249	0.240	0.253	0.238	0.261	0.255	0.249	0.249	3.29	
69)	Atrazine	0.166	0.177	0.206	0.206	0.231	0.212	0.204	0.200	10.86	
70) C	Pentachlorophenol	0.133	0.138	0.165	0.164	0.187	0.177	0.171	0.162	12.21	
71)	Phenanthrene	1.239	1.156	1.160	1.071	1.161	1.144	1.068	1.143	5.14	
72)	Anthracene	1.167	1.135	1.175	1.086	1.181	1.165	1.092	1.143	3.46	
73)	Carbazole	1.041	1.003	1.063	1.009	1.103	1.085	0.985	1.041	4.30	
74)	Di-n-butylphth...	0.998	1.007	1.187	1.159	1.300	1.187	1.093	1.133	9.53	
75) C	Fluoranthene	1.180	1.139	1.231	1.178	1.301	1.284	1.121	1.205	5.77	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine		0.381	0.568	0.617	0.689	0.600	0.520	0.562	18.64	
78)	Pyrene	1.331	1.307	1.444	1.324	1.423	1.274	1.334	1.348	4.61	
79) S	Terphenyl-d14	1.148	1.088	1.165	1.010	1.064	0.955	0.957	1.055	8.06	
80)	Butylbenzylpht...	0.322	0.347	0.460	0.490	0.563	0.480	0.485	0.450	18.95	
81)	Benzo(a)anthra...	1.271	1.231	1.298	1.218	1.338	1.280	1.225	1.266	3.47	
82)	3,3'-Dichlorob...	0.265	0.301	0.379	0.415	0.476	0.450	0.416	0.386	19.97	
83)	Chrysene	1.235	1.184	1.225	1.151	1.256	1.217	1.161	1.204	3.27	
84)	Bis(2-ethylhex...	0.525	0.574	0.702	0.740	0.851	0.741	0.714	0.693	15.84	
85) c	Di-n-octyl pht...	0.641	0.729	0.936	1.114	1.359	1.245	1.169	1.028	26.08	

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM060525.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.189	1.183	1.254	1.191	1.318	1.472	1.407	1.288	8.99
88)	Benzo(b)fluora...	1.104	1.082	1.205	1.170	1.269	1.178	1.132	1.163	5.46
89)	Benzo(k)fluora...	1.141	1.149	1.222	1.167	1.295	1.190	1.144	1.187	4.71
90) C	Benzo(a)pyrene	0.994	1.007	1.111	1.081	1.197	1.153	1.111	1.093	6.73
91)	Dibenzo(a,h)an...	0.954	0.966	1.021	0.972	1.075	1.188	1.141	1.045	8.83
92)	Benzo(g,h,i)pe...	1.002	0.978	1.013	0.954	1.037	1.194	1.146	1.046	8.57

(#) = Out of Range

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP060625.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Jun 06 16:20:27 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BP024860.D 5 =BP024861.D 10 =BP024862.D 20 =BP024863.D 40 =BP024864.D 50 =BP024865.D 60 =BP024866.D 80 =BP024867.D

Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD

1) I 1,4-Dichlorobenzen...	-----ISTD-----									
2) 1,4-Dioxane		0.564	0.529	0.524	0.495	0.546	0.515	0.517	0.527	4.21
3) Pyridine		1.151	1.183	1.265	1.226	1.370	1.367	1.315	1.268	6.84
4) n-Nitrosodimet...			0.478	0.509	0.502	0.542	0.554	0.525	0.518	5.36
5) S 2-Fluorophenol		1.127	1.139	1.207	1.163	1.283	1.253	1.215	1.198	4.85
6) Aniline		1.917	1.892	2.016	1.978	2.145	2.182	2.031	2.023	5.37
7) S Phenol-d6		1.507	1.528	1.588	1.545	1.676	1.689	1.564	1.585	4.49
8) 2-Chlorophenol		1.336	1.290	1.346	1.314	1.453	1.422	1.348	1.358	4.29
9) Benzaldehyde			1.038	1.071	0.873	0.985	0.869	0.646	0.914	16.98
10) C Phenol		1.560	1.564	1.616	1.587	1.725	1.759	1.629	1.634	4.78
11) bis(2-Chloroet...		1.222	1.277	1.334	1.234	1.363	1.322	1.246	1.285	4.26
12) 1,3-Dichlorobe...		1.570	1.515	1.537	1.425	1.571	1.519	1.471	1.515	3.49
13) C 1,4-Dichlorobe...		1.596	1.507	1.535	1.439	1.604	1.534	1.488	1.529	3.82
14) 1,2-Dichlorobe...		1.529	1.637	1.488	1.401	1.540	1.492	1.422	1.501	5.25
15) Benzyl Alcohol			1.137	1.185	1.170	1.289	1.309	1.211	1.217	5.63
16) 2,2'-oxybis(1-...		1.748	1.732	1.722	1.583	1.751	1.667	1.574	1.682	4.54
17) 2-Methylphenol		1.053	1.149	1.138	1.106	1.210	1.211	1.121	1.141	4.94
18) Hexachloroethane		0.591	0.565	0.581	0.545	0.611	0.574	0.562	0.576	3.73
19) P n-Nitroso-di-n...	0.984	1.101	1.105	1.107	1.043	1.141	1.113	1.029	1.078	4.93
20) 3+4-Methylphenols			1.507	1.548	1.493	1.631	1.648	1.515	1.557	4.29
21) I Naphthalene-d8	-----ISTD-----									
22) Acetophenone		0.506	0.521	0.511	0.491	0.535	0.510	0.463	0.505	4.58
23) S Nitrobenzene-d5		0.407	0.397	0.423	0.404	0.444	0.423	0.383	0.412	4.89
24) Nitrobenzene		0.366	0.351	0.375	0.360	0.392	0.376	0.339	0.366	4.81
25) Isophorone		0.704	0.678	0.724	0.694	0.764	0.726	0.704	0.713	3.91
26) C 2-Nitrophenol		0.154	0.157	0.178	0.180	0.201	0.195	0.198	0.180	10.62
27) 2,4-Dimethylph...		0.294	0.286	0.310	0.303	0.331	0.320	0.318	0.309	5.12
28) bis(2-Chloroet...		0.414	0.408	0.438	0.414	0.465	0.423	0.416	0.426	4.70
29) C 2,4-Dichloroph...		0.246	0.272	0.300	0.292	0.327	0.313	0.323	0.296	9.81
30) 1,2,4-Trichlor...		0.335	0.319	0.335	0.317	0.352	0.330	0.351	0.334	4.16
31) Naphthalene		1.071	1.022	1.044	0.989	1.079	1.035	0.935	1.025	4.86
32) Benzoic acid			0.159	0.181	0.204	0.230	0.235	0.243	0.209	16.01
33) 4-Chloroaniline		0.397	0.401	0.435	0.426	0.471	0.463	0.414	0.429	6.72
34) C Hexachlorobuta...		0.203	0.199	0.208	0.194	0.218	0.198	0.189	0.201	4.76
35) Caprolactam			0.098	0.109	0.110	0.118	0.116	0.104	0.109	6.91
36) C 4-Chloro-3-met...		0.312	0.322	0.351	0.341	0.374	0.363	0.329	0.342	6.58
37) 2-Methylnaphth...		0.659	0.638	0.659	0.633	0.696	0.664	0.602	0.650	4.54
38) 1-Methylnaphth...		0.720	0.680	0.718	0.671	0.741	0.693	0.643	0.695	4.86

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP060625.M

39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.568	0.561	0.568	0.538	0.601	0.574	0.562	0.568	3.31
41) P	Hexachlorocycl...		0.259	0.315	0.337	0.404	0.369	0.394	0.346	15.74
42) S	2,4,6-Tribromo...	0.256	0.264	0.279	0.267	0.298	0.286	0.285	0.277	5.26
43) C	2,4,6-Trichlor...	0.342	0.352	0.386	0.375	0.411	0.404	0.396	0.381	6.86
44)	2,4,5-Trichlor...	0.349	0.379	0.414	0.405	0.448	0.436	0.426	0.408	8.44
45) S	2-Fluorobiphenyl	1.542	1.507	1.517	1.390	1.563	1.464	1.409	1.485	4.44
46)	1,1'-Biphenyl	1.477	1.456	1.485	1.386	1.509	1.458	1.403	1.453	3.05
47)	2-Chloronaphth...	1.123	1.104	1.135	1.069	1.171	1.136	1.081	1.117	3.16
48)	2-Nitroaniline	0.289	0.324	0.344	0.346	0.371	0.374	0.355	0.343	8.59
49)	Acenaphthylene	1.880	1.851	1.892	1.768	1.939	1.904	1.805	1.863	3.19
50)	Dimethylphthalate	1.515	1.450	1.501	1.400	1.550	1.473	1.438	1.475	3.45
51)	2,6-Dinitrotol...	0.299	0.301	0.326	0.312	0.339	0.333	0.317	0.318	4.86
52) C	Acenaphthene	1.106	1.064	1.090	1.020	1.087	1.069	1.036	1.067	2.86
53)	3-Nitroaniline	0.263	0.292	0.337	0.338	0.367	0.364	0.349	0.330	11.74
54) P	2,4-Dinitrophenol		0.117	0.155	0.179	0.203	0.208	0.205	0.178	20.23
55)	Dibenzofuran	1.815	1.721	1.756	1.627	1.757	1.702	1.615	1.713	4.22
56) P	4-Nitrophenol		0.142	0.213	0.248	0.276	0.281	0.275	0.239	22.62
57)	2,4-Dinitrotol...	0.390	0.416	0.457	0.437	0.487	0.470	0.458	0.445	7.45
58)	Fluorene	1.437	1.394	1.420	1.304	1.434	1.370	1.329	1.384	3.77
59)	2,3,4,6-Tetrac...	0.343	0.350	0.360	0.354	0.395	0.381	0.370	0.365	5.04
60)	Diethylphthalate	1.501	1.474	1.487	1.393	1.545	1.444	1.449	1.470	3.27
61)	4-Chlorophenyl...	0.711	0.668	0.689	0.637	0.709	0.665	0.658	0.677	4.06
62)	4-Nitroaniline	0.239	0.235	0.307	0.311	0.336	0.333	0.334	0.299	14.69
63)	Azobenzene	1.346	1.334	1.394	1.300	1.425	1.335	1.307	1.349	3.37
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...		0.102	0.125	0.130	0.147	0.143	0.142	0.131	12.78
66) c	n-Nitrosodiphe...	0.627	0.608	0.633	0.597	0.659	0.622	0.594	0.620	3.68
67)	4-Bromophenyl-...	0.224	0.215	0.226	0.213	0.246	0.229	0.226	0.226	4.83
68)	Hexachlorobenzene	0.278	0.268	0.272	0.260	0.290	0.275	0.272	0.274	3.31
69)	Atrazine	0.213	0.212	0.231	0.217	0.244	0.228	0.228	0.225	5.16
70) C	Pentachlorophenol		0.105	0.131	0.139	0.162	0.153	0.159	0.142	15.21
71)	Phenanthrene	1.158	1.108	1.110	1.056	1.161	1.102	1.041	1.105	4.12
72)	Anthracene	1.129	1.093	1.137	1.072	1.188	1.133	1.083	1.119	3.58
73)	Carbazole	1.023	1.013	1.057	0.998	1.112	1.052	1.007	1.038	3.83
74)	Di-n-butylphth...	1.178	1.245	1.326	1.272	1.421	1.273	1.284	1.285	5.81
75) C	Fluoranthene	1.300	1.287	1.307	1.223	1.344	1.268	1.238	1.281	3.25
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine		0.512	0.669	0.653	0.690	0.663	0.529	0.619	12.54
78)	Pyrene	1.307	1.195	1.261	1.184	1.322	1.272	1.206	1.249	4.41
79) S	Terphenyl-d14	1.178	1.073	1.146	1.089	1.164	1.120	1.039	1.116	4.57
80)	Butylbenzylpht...	0.508	0.529	0.581	0.561	0.641	0.596	0.589	0.572	7.74
81)	Benzo(a)anthra...	1.312	1.234	1.288	1.219	1.347	1.310	1.243	1.279	3.73
82)	3,3'-Dichlorob...		0.468	0.513	0.493	0.542	0.531	0.501	0.508	5.29
83)	Chrysene	1.252	1.174	1.229	1.144	1.279	1.238	1.168	1.212	4.13
84)	Bis(2-ethylhex...	0.715	0.780	0.846	0.797	0.921	0.831	0.850	0.820	7.87
85) c	Di-n-octyl pht...		1.320	1.438	1.384	1.587	1.470	1.473	1.445	6.25

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP060625.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.427	1.402	1.469	1.412	1.559	1.510	1.436	1.459	3.92
88)	Benzo(b)fluora...	1.103	1.104	1.133	1.127	1.232	1.180	1.133	1.145	4.06
89)	Benzo(k)fluora...	1.165	1.144	1.180	1.106	1.259	1.158	1.144	1.165	4.05
90) C	Benzo(a)pyrene	1.096	1.069	1.127	1.070	1.214	1.136	1.113	1.118	4.46
91)	Dibenzo(a,h)an...	1.151	1.143	1.202	1.143	1.279	1.224	1.172	1.188	4.25
92)	Benzo(g,h,i)pe...	1.172	1.127	1.183	1.136	1.261	1.214	1.157	1.179	3.95

(#) = Out of Range

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG No.: Q2202

Instrument ID: BNA_F Calibration Date/Time: 06/06/2025 11:36

Lab File ID: BF142640.D Init. Calib. Date(s): 05/20/2025 05/20/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:10 15:31

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.187	1.121		-5.6	
Benzaldehyde	0.859	0.766		-10.8	
Phenol-d6	1.429	1.356		-5.1	
Phenol	1.608	1.531		-4.8	20.0
bis(2-Chloroethyl)ether	1.157	1.138		-1.6	
2-Chlorophenol	1.293	1.241		-4.0	
2-Methylphenol	1.010	0.964		-4.6	
2,2-oxybis(1-Chloropropane)	1.944	1.880		-3.3	
Acetophenone	0.443	0.410		-7.4	
3+4-Methylphenols	1.293	1.177		-9.0	
n-Nitroso-di-n-propylamine	0.886	0.812	0.050	-8.4	
Nitrobenzene-d5	0.367	0.343		-6.5	
Hexachloroethane	0.507	0.489		-3.5	
Nitrobenzene	0.331	0.311		-6.0	
Isophorone	0.613	0.566		-7.7	
2-Nitrophenol	0.177	0.174		-1.7	20.0
2,4-Dimethylphenol	0.312	0.292		-6.4	
bis(2-Chloroethoxy)methane	0.383	0.361		-5.7	
2,4-Dichlorophenol	0.283	0.273		-3.5	20.0
Naphthalene	0.985	0.926		-6.0	
4-Chloroaniline	0.399	0.381		-4.5	
Hexachlorobutadiene	0.192	0.181		-5.7	20.0
Caprolactam	0.080	0.071		-11.3	
4-Chloro-3-methylphenol	0.291	0.262		-10.0	20.0
2-Methylnaphthalene	0.620	0.577		-6.9	
Hexachlorocyclopentadiene	0.387	0.355	0.050	-8.3	
2,4,6-Trichlorophenol	0.387	0.375		-3.1	20.0
2-Fluorobiphenyl	1.490	1.353		-9.2	
2,4,5-Trichlorophenol	0.408	0.381		-6.6	
1,1-Biphenyl	1.552	1.469		-5.3	
2-Chloronaphthalene	1.146	1.112		-3.0	
2-Nitroaniline	0.331	0.307		-7.3	
Dimethylphthalate	1.320	1.176		-10.9	
Acenaphthylene	1.936	1.812		-6.4	
2,6-Dinitrotoluene	0.285	0.258		-9.5	
3-Nitroaniline	0.311	0.273		-12.2	
Acenaphthene	1.182	1.087		-8.0	20.0
2,4-Dinitrophenol	0.147	0.127	0.050	-13.6	
4-Nitrophenol	0.230	0.182	0.050	-20.9	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG No.: Q2202

Instrument ID: BNA_F Calibration Date/Time: 06/06/2025 11:36

Lab File ID: BF142640.D Init. Calib. Date(s): 05/20/2025 05/20/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:10 15:31

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.701	1.563		-8.1	
2,4-Dinitrotoluene	0.372	0.330		-11.3	
Diethylphthalate	1.289	1.095		-15.1	
4-Chlorophenyl-phenylether	0.646	0.584		-9.6	
Fluorene	1.314	1.186		-9.7	
4-Nitroaniline	0.282	0.233		-17.4	
4,6-Dinitro-2-methylphenol	0.112	0.113		0.9	
n-Nitrosodiphenylamine	0.684	0.680		-0.6	20.0
2,4,6-Tribromophenol	0.222	0.192		-13.5	
4-Bromophenyl-phenylether	0.236	0.239		1.3	
Hexachlorobenzene	0.262	0.263		0.4	
Atrazine	0.182	0.168		-7.7	
Pentachlorophenol	0.148	0.135		-8.8	20.0
Phenanthrene	1.069	1.013		-5.2	
Anthracene	1.091	1.048		-3.9	
Carbazole	0.933	0.847		-9.2	
Di-n-butylphthalate	1.021	0.903		-11.6	
Fluoranthene	0.999	0.880		-11.9	20.0
Pyrene	1.866	1.563		-16.2	
Terphenyl-d14	1.464	1.196		-18.3	
Butylbenzylphthalate	0.516	0.527		2.1	
3,3-Dichlorobenzidine	0.405	0.465		14.8	
Benzo (a) anthracene	1.336	1.219		-8.8	
Chrysene	1.200	1.183		-1.4	
Bis(2-ethylhexyl)phthalate	0.660	0.831		25.9	
Di-n-octyl phthalate	1.290	1.594		23.6	20.0
Benzo (b) fluoranthene	1.184	1.106		-6.6	
Benzo (k) fluoranthene	1.109	0.999		-9.9	
Benzo (a) pyrene	1.116	1.052		-5.7	20.0
Indeno (1,2,3-cd) pyrene	1.501	1.380		-8.1	
Dibenzo (a,h) anthracene	1.218	1.119		-8.1	
Benzo (g,h,i) perylene	1.218	1.111		-8.8	
1,2,4,5-Tetrachlorobenzene	0.574	0.558		-2.8	
1,4-Dioxane	0.475	0.477		0.4	20.0
2,3,4,6-Tetrachlorophenol	0.341	0.306		-10.3	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG No.: Q2202

Instrument ID: BNA_M Calibration Date/Time: 06/10/2025 04:48

Lab File ID: BM050262.D Init. Calib. Date(s): 06/05/2025 06/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:20 13:56

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.199	1.232		2.8	
Benzaldehyde	0.995	0.967		-2.8	
Phenol-d6	1.578	1.600		1.4	
Phenol	1.670	1.704		2.0	20.0
bis(2-Chloroethyl)ether	1.343	1.373		2.2	
2-Chlorophenol	1.319	1.338		1.4	
2-Methylphenol	1.102	1.105		0.3	
2,2-oxybis(1-Chloropropane)	0.933	1.118		19.8	
Acetophenone	0.500	0.498		-0.4	
3+4-Methylphenols	1.474	1.472		-0.1	
n-Nitroso-di-n-propylamine	0.983	1.010	0.050	2.7	
Nitrobenzene-d5	0.385	0.405		5.2	
Hexachloroethane	0.555	0.579		4.3	
Nitrobenzene	0.350	0.366		4.6	
Isophorone	0.664	0.664		0.0	
2-Nitrophenol	0.151	0.156		3.3	20.0
2,4-Dimethylphenol	0.310	0.307		-1.0	
bis(2-Chloroethoxy)methane	0.434	0.449		3.5	
2,4-Dichlorophenol	0.287	0.284		-1.0	20.0
Naphthalene	1.034	1.006		-2.7	
4-Chloroaniline	0.441	0.433		-1.8	
Hexachlorobutadiene	0.190	0.181		-4.7	20.0
Caprolactam	0.091	0.088		-3.3	
4-Chloro-3-methylphenol	0.306	0.302		-1.3	20.0
2-Methylnaphthalene	0.624	0.605		-3.0	
Hexachlorocyclopentadiene	0.351	0.358	0.050	2.0	
2,4,6-Trichlorophenol	0.380	0.384		1.1	20.0
2-Fluorobiphenyl	1.477	1.442		-2.4	
2,4,5-Trichlorophenol	0.417	0.418		0.2	
1,1-Biphenyl	1.498	1.476		-1.5	
2-Chloronaphthalene	1.164	1.145		-1.6	
2-Nitroaniline	0.256	0.296		15.6	
Dimethylphthalate	1.353	1.338		-1.1	
Acenaphthylene	1.883	1.863		-1.1	
2,6-Dinitrotoluene	0.273	0.287		5.1	
3-Nitroaniline	0.304	0.322		5.9	
Acenaphthene	1.178	1.097		-6.9	20.0
2,4-Dinitrophenol	0.146	0.058	0.050	-60.3	
4-Nitrophenol	0.259	0.266	0.050	2.7	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG No.: Q2202

Instrument ID: BNA_M Calibration Date/Time: 06/10/2025 04:48

Lab File ID: BM050262.D Init. Calib. Date(s): 06/05/2025 06/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:20 13:56

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.723	1.686		-2.1	
2,4-Dinitrotoluene	0.360	0.377		4.7	
Diethylphthalate	1.342	1.344		0.1	
4-Chlorophenyl-phenylether	0.638	0.622		-2.5	
Fluorene	1.320	1.281		-3.0	
4-Nitroaniline	0.285	0.303		6.3	
4,6-Dinitro-2-methylphenol	0.109	0.068		-37.6	
n-Nitrosodiphenylamine	0.628	0.624		-0.6	20.0
2,4,6-Tribromophenol	0.227	0.228		0.4	
4-Bromophenyl-phenylether	0.213	0.212		-0.5	
Hexachlorobenzene	0.249	0.248		-0.4	
Atrazine	0.200	0.207		3.5	
Pentachlorophenol	0.162	0.224		38.3	20.0
Phenanthrene	1.143	1.117		-2.3	
Anthracene	1.143	1.125		-1.6	
Carbazole	1.041	1.038		-0.3	
Di-n-butylphthalate	1.133	1.226		8.2	
Fluoranthene	1.205	1.223		1.5	20.0
Pyrene	1.348	1.288		-4.5	
Terphenyl-d14	1.055	1.019		-3.4	
Butylbenzylphthalate	0.450	0.493		9.6	
3,3-Dichlorobenzidine	0.386	0.426		10.4	
Benzo (a) anthracene	1.266	1.246		-1.6	
Chrysene	1.204	1.189		-1.2	
Bis(2-ethylhexyl)phthalate	0.693	0.784		13.1	
Di-n-octyl phthalate	1.028	1.197		16.4	20.0
Benzo (b) fluoranthene	1.163	1.171		0.7	
Benzo (k) fluoranthene	1.187	1.165		-1.9	
Benzo (a) pyrene	1.093	1.115		2.0	20.0
Indeno (1,2,3-cd) pyrene	1.288	1.368		6.2	
Dibenzo (a,h) anthracene	1.045	1.119		7.1	
Benzo (g,h,i) perylene	1.046	1.121		7.2	
1,2,4,5-Tetrachlorobenzene	0.578	0.570		-1.4	
1,4-Dioxane	0.526	0.542		3.0	20.0
2,3,4,6-Tetrachlorophenol	0.361	0.354		-1.9	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG No.: Q2202

Instrument ID: BNA_P Calibration Date/Time: 06/09/2025 10:44

Lab File ID: BP024871.D Init. Calib. Date(s): 06/06/2025 06/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:30 15:18

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.198	1.175		-1.9	
Benzaldehyde	0.914	0.893		-2.3	
Phenol-d6	1.585	1.601		1.0	
Phenol	1.634	1.666		2.0	20.0
bis(2-Chloroethyl)ether	1.285	1.280		-0.4	
2-Chlorophenol	1.358	1.342		-1.2	
2-Methylphenol	1.141	1.152		1.0	
2,2-oxybis(1-Chloropropane)	1.682	1.631		-3.0	
Acetophenone	0.505	0.492		-2.6	
3+4-Methylphenols	1.557	1.575		1.2	
n-Nitroso-di-n-propylamine	1.078	1.088	0.050	0.9	
Nitrobenzene-d5	0.412	0.405		-1.7	
Hexachloroethane	0.576	0.542		-5.9	
Nitrobenzene	0.366	0.359		-1.9	
Isophorone	0.713	0.693		-2.8	
2-Nitrophenol	0.180	0.181		0.6	20.0
2,4-Dimethylphenol	0.309	0.303		-1.9	
bis(2-Chloroethoxy)methane	0.426	0.409		-4.0	
2,4-Dichlorophenol	0.296	0.296		0.0	20.0
Naphthalene	1.025	0.984		-4.0	
4-Chloroaniline	0.429	0.434		1.2	
Hexachlorobutadiene	0.201	0.187		-7.0	20.0
Caprolactam	0.109	0.112		2.8	
4-Chloro-3-methylphenol	0.342	0.347		1.5	20.0
2-Methylnaphthalene	0.650	0.642		-1.2	
Hexachlorocyclopentadiene	0.346	0.332	0.050	-4.0	
2,4,6-Trichlorophenol	0.381	0.373		-2.1	20.0
2-Fluorobiphenyl	1.485	1.394		-6.1	
2,4,5-Trichlorophenol	0.408	0.416		2.0	
1,1-Biphenyl	1.453	1.381		-5.0	
2-Chloronaphthalene	1.117	1.069		-4.3	
2-Nitroaniline	0.343	0.351		2.3	
Dimethylphthalate	1.475	1.400		-5.1	
Acenaphthylene	1.863	1.770		-5.0	
2,6-Dinitrotoluene	0.318	0.308		-3.1	
3-Nitroaniline	0.330	0.343		3.9	
Acenaphthene	1.067	1.029		-3.6	20.0
2,4-Dinitrophenol	0.178	0.182	0.050	2.2	
4-Nitrophenol	0.239	0.252	0.050	5.4	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG No.: Q2202

Instrument ID: BNA_P Calibration Date/Time: 06/09/2025 10:44

Lab File ID: BP024871.D Init. Calib. Date(s): 06/06/2025 06/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:30 15:18

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.713	1.630		-4.8	
2,4-Dinitrotoluene	0.445	0.443		-0.4	
Diethylphthalate	1.470	1.395		-5.1	
4-Chlorophenyl-phenylether	0.677	0.627		-7.4	
Fluorene	1.384	1.326		-4.2	
4-Nitroaniline	0.299	0.327		9.4	
4,6-Dinitro-2-methylphenol	0.131	0.131		0.0	
n-Nitrosodiphenylamine	0.620	0.596		-3.9	20.0
2,4,6-Tribromophenol	0.277	0.273		-1.4	
4-Bromophenyl-phenylether	0.226	0.216		-4.4	
Hexachlorobenzene	0.274	0.261		-4.7	
Atrazine	0.225	0.214		-4.9	
Pentachlorophenol	0.142	0.150		5.6	20.0
Phenanthrene	1.105	1.056		-4.4	
Anthracene	1.119	1.067		-4.6	
Carbazole	1.038	1.005		-3.2	
Di-n-butylphthalate	1.285	1.195		-7.0	
Fluoranthene	1.281	1.200		-6.3	20.0
Pyrene	1.249	1.182		-5.4	
Terphenyl-d14	1.116	1.046		-6.3	
Butylbenzylphthalate	0.572	0.544		-4.9	
3,3-Dichlorobenzidine	0.508	0.491		-3.3	
Benzo (a) anthracene	1.279	1.229		-3.9	
Chrysene	1.212	1.154		-4.8	
Bis(2-ethylhexyl)phthalate	0.820	0.772		-5.9	
Di-n-octyl phthalate	1.445	1.351		-6.5	20.0
Benzo (b) fluoranthene	1.145	1.096		-4.3	
Benzo (k) fluoranthene	1.165	1.086		-6.8	
Benzo (a) pyrene	1.118	1.057		-5.5	20.0
Indeno (1,2,3-cd) pyrene	1.459	1.436		-1.6	
Dibenzo (a,h) anthracene	1.188	1.170		-1.5	
Benzo (g,h,i) perylene	1.179	1.158		-1.8	
1,2,4,5-Tetrachlorobenzene	0.568	0.541		-4.8	
1,4-Dioxane	0.527	0.520		-1.3	20.0
2,3,4,6-Tetrachlorophenol	0.365	0.364		-0.3	

All other compounds must meet a minimum RRF of 0.010.

LAB CHRONICLE

OrderID:	Q2202	OrderDate:	6/4/2025 11:59:00 AM
Client:	PARSONS Engineering of New York, Inc.	Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05
Contact:	Stephen Liberatore	Location:	N31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2202-01	MW-9-20250603	WATER			06/03/25 14:00			06/03/25
			Sulfate	300.0			06/04/25 12:46	
			TDS	SM2540 C			06/04/25 12:30	
Q2202-01DL	MW-9-20250603DL	WATER			06/03/25 14:00			06/03/25
			Sulfate	300.0			06/04/25 13:29	
Q2202-05	MW-1A-20250603	WATER			06/03/25 15:20			06/03/25
			Sulfate	300.0			06/04/25 13:08	
			TDS	SM2540 C			06/04/25 12:30	



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/03/25 14:00
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/03/25
Client Sample ID:	MW-9-20250603	SDG No.:	Q2202
Lab Sample ID:	Q2202-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Sulfate	80.4	OR	1	0.46	3.00	mg/L		06/04/25 12:46	300.0
TDS	349		1	1.00	10.0	mg/L		06/04/25 12:30	SM 2540 C-15

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/03/25 14:00
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/03/25
Client Sample ID:	MW-9-20250603DL	SDG No.:	Q2202
Lab Sample ID:	Q2202-01DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Sulfate	74.0	D	5	2.30	15.0	mg/L		06/04/25 13:29	300.0

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/03/25 15:20
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/03/25
Client Sample ID:	MW-1A-20250603	SDG No.:	Q2202
Lab Sample ID:	Q2202-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Sulfate	9.10		1	0.46	3.00	mg/L		06/04/25 13:08	300.0
TDS	53.0		1	1.00	10.0	mg/L		06/04/25 12:30	SM 2540 C-15

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: PARSONS Engineering of New York, Inc.

SDG No.: Q2202

Project: Con Ed Non MGP – Atlantic Ave 453957.600024.05

RunNo.: LB135991

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Bromide	mg/L	10.2	10	102	90-110	05/22/2025
Chloride	mg/L	3.1	3	103	90-110	05/22/2025
Fluoride	mg/L	2.1	2	105	90-110	05/22/2025
Nitrite	mg/L	3.1	3	103	90-110	05/22/2025
Nitrate	mg/L	2.6	2.5	104	90-110	05/22/2025
Sulfate	mg/L	15.1	15	101	90-110	05/22/2025
Orthophosphate as P	mg/L	5.3	5	106	90-110	05/22/2025
Sample ID: CCV1						
Bromide	mg/L	10.5	10	105	90-110	06/03/2025
Chloride	mg/L	3.1	3	103	90-110	06/03/2025
Fluoride	mg/L	2.1	2	105	90-110	06/03/2025
Nitrite	mg/L	3.1	3	103	90-110	06/03/2025
Nitrate	mg/L	2.6	2.5	104	90-110	06/03/2025
Sulfate	mg/L	15.5	15	103	90-110	06/03/2025
Orthophosphate as P	mg/L	5.2	5	104	90-110	06/03/2025
Sample ID: CCV2						
Bromide	mg/L	10.5	10	105	90-110	06/03/2025
Chloride	mg/L	3.1	3	103	90-110	06/03/2025
Fluoride	mg/L	2.1	2	105	90-110	06/03/2025
Nitrite	mg/L	3.1	3	103	90-110	06/03/2025
Nitrate	mg/L	2.6	2.5	104	90-110	06/03/2025
Sulfate	mg/L	15.6	15	104	90-110	06/03/2025
Orthophosphate as P	mg/L	5.4	5	108	90-110	06/03/2025
Sample ID: CCV3						
Bromide	mg/L	10.6	10	106	90-110	06/04/2025
Chloride	mg/L	3.2	3	107	90-110	06/04/2025
Fluoride	mg/L	2.1	2	105	90-110	06/04/2025
Nitrite	mg/L	3.2	3	107	90-110	06/04/2025
Nitrate	mg/L	2.6	2.5	104	90-110	06/04/2025
Sulfate	mg/L	15.7	15	105	90-110	06/04/2025
Orthophosphate as P	mg/L	5.2	5	104	90-110	06/04/2025
Sample ID: CCV4						
Bromide	mg/L	10.4	10	104	90-110	06/04/2025
Chloride	mg/L	3.1	3	103	90-110	06/04/2025
Fluoride	mg/L	2.1	2	105	90-110	06/04/2025
Nitrite	mg/L	3.1	3	103	90-110	06/04/2025
Nitrate	mg/L	2.6	2.5	104	90-110	06/04/2025
Sulfate	mg/L	15.4	15	103	90-110	06/04/2025

Initial and Continuing Calibration Verification

Client: PARSONS Engineering of New York, Inc.

SDG No.: Q2202

Project: Con Ed Non MGP – Atlantic Ave 453957.600024.05

RunNo.: LB135991

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Orthophosphate as P	mg/L	5.3	5	106	90-110	06/04/2025

Initial and Continuing Calibration Blank Summary

Client: PARSONS Engineering of New York, Inc.

SDG No.: Q2202

Project: Con Ed Non MGP – Atlantic Ave 453957.600024.05

RunNo.: LB135991

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	05/22/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	05/22/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	05/22/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	05/22/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	05/22/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	05/22/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	05/22/2025
Sample ID: CCB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	06/03/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	06/03/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	06/03/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	06/03/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	06/03/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	06/03/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	06/03/2025
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	06/03/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	06/03/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	06/03/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	06/03/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	06/03/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	06/03/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	06/03/2025
Sample ID: CCB3							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	06/04/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	06/04/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	06/04/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	06/04/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	06/04/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	06/04/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	06/04/2025
Sample ID: CCB4							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	06/04/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	06/04/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	06/04/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	06/04/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	06/04/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	06/04/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	06/04/2025

Preparation Blank Summary

Client: PARSONS Engineering of New York, Inc.

SDG No.: Q2202

Project: Con Ed Non MGP – Atlantic Ave 453957.600024.05

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB135991BLW							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	06/03/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	06/03/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	06/03/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	06/03/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	06/03/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	06/03/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	06/03/2025
Sample ID: LB135991BLW2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	06/04/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	06/04/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	06/04/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	06/04/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	06/04/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	06/04/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	06/04/2025
Sample ID: LB136008BL							
TDS	mg/L	< 5.0000	5.0000	U	1.0	10	06/04/2025

Matrix Spike Summary

Client:	PARSONS Engineering of New York, Inc.	SDG No.:	Q2202
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Sample ID:	Q2189-01
Client ID:	MW-7-20250602MS	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	10.5		0.43	J	10	1	101		06/03/2025
Chloride	mg/L	80-120	445	OR	462	OR	3	1	-567	*	06/03/2025
Fluoride	mg/L	80-120	2.10		0.11	U	2	1	105		06/03/2025
Nitrite	mg/L	80-120	3.00		0.074	U	3	1	100		06/03/2025
Nitrate	mg/L	80-120	11.6	OR	9.20	OR	2.5	1	96		06/03/2025
Sulfate	mg/L	80-120	78.3	OR	64.2	OR	15	1	94		06/03/2025
Orthophosphate as P	mg/L	80-120	5.20		0.34	U	5	1	104		06/03/2025

Matrix Spike Summary

Client:	PARSONS Engineering of New York, Inc.	SDG No.:	Q2202
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Sample ID:	Q2189-01
Client ID:	MW-7-20250602MSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	10.5		0.43	J	10	1	101		06/03/2025
Chloride	mg/L	80-120	444	OR	462	OR	3	1	-600	*	06/03/2025
Fluoride	mg/L	80-120	2.10		0.11	U	2	1	105		06/03/2025
Nitrite	mg/L	80-120	3.00		0.074	U	3	1	100		06/03/2025
Nitrate	mg/L	80-120	11.6	OR	9.20	OR	2.5	1	96		06/03/2025
Sulfate	mg/L	80-120	78.3	OR	64.2	OR	15	1	94		06/03/2025
Orthophosphate as P	mg/L	80-120	5.20		0.34	U	5	1	104		06/03/2025

Duplicate Sample Summary

Client: PARSONS Engineering of New York, Inc.	SDG No.: Q2202	
Project: Con Ed Non MGP – Atlantic Ave 453957.600024.05	Sample ID: Q2189-01	
Client ID: MW-7-20250602MSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Bromide	mg/L	+/-20	10.5		10.5		1	0		06/03/2025
Fluoride	mg/L	+/-20	2.10		2.10		1	0		06/03/2025
Nitrite	mg/L	+/-20	3.00		3.00		1	0		06/03/2025
Orthophosphate as P	mg/L	+/-20	5.20		5.20		1	0		06/03/2025
Chloride	mg/L	+/-20	445	OR	444	OR	1	0		06/03/2025
Nitrate	mg/L	+/-20	11.6	OR	11.6	OR	1	0		06/03/2025
Sulfate	mg/L	+/-20	78.3	OR	78.3	OR	1	0		06/03/2025

Duplicate Sample Summary

Client:	PARSONS Engineering of New York, Inc.	SDG No.:	Q2202
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Sample ID:	Q2189-02
Client ID:	MW-8-20250602DUP	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
TDS	mg/L	+/-5	562		543		1	3.44		06/04/2025

Laboratory Control Sample Summary

Client:	PARSONS Engineering of New York, Inc.	SDG No.:	Q2202
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Run No.:	LB135991

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135991BSW							
Bromide	mg/L	10	10.5		105	1	90-110	06/03/2025
Chloride	mg/L	3	3.10		103	1	90-110	06/03/2025
Fluoride	mg/L	2	2.10		105	1	90-110	06/03/2025
Nitrite	mg/L	3	3.10		103	1	90-110	06/03/2025
Nitrate	mg/L	2.5	2.60		104	1	90-110	06/03/2025
Sulfate	mg/L	15	15.5		103	1	90-110	06/03/2025
Orthophosphate as P	mg/L	5	5.30		106	1	90-110	06/03/2025

Laboratory Control Sample Summary

Client:	PARSONS Engineering of New York, Inc.	SDG No.:	Q2202
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Run No.:	LB135991

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135991BSW2							
Bromide	mg/L	10	10.7		107	1	90-110	06/04/2025
Chloride	mg/L	3	3.20		107	1	90-110	06/04/2025
Fluoride	mg/L	2	2.20		110	1	90-110	06/04/2025
Nitrite	mg/L	3	3.20		107	1	90-110	06/04/2025
Nitrate	mg/L	2.5	2.70		108	1	90-110	06/04/2025
Sulfate	mg/L	15	15.8		105	1	90-110	06/04/2025
Orthophosphate as P	mg/L	5	5.40		108	1	90-110	06/04/2025

Laboratory Control Sample Summary

Client:	PARSONS Engineering of New York, Inc.	SDG No.:	Q2202
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Run No.:	LB136008

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136008BS							
TDS	mg/L	100	95.0		95	1	90-110	06/04/2025