

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

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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			

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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