

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	06/05/25	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05		Date Received:	06/06/25	
Client Sample ID:	MW-2-20250605MSD		SDG No.:	Q2268	
Lab Sample ID:	Q2268-05MSD		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
VN086993.D	1		06/12/25 21:11	VN061225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	50.4		0.22	1.00	ug/L
74-87-3	Chloromethane	39.8		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	51.8		0.26	1.00	ug/L
74-83-9	Bromomethane	25.1		1.40	5.00	ug/L
75-00-3	Chloroethane	54.8		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	56.8		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	55.1		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	57.8		0.23	1.00	ug/L
67-64-1	Acetone	300		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	51.4		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	69.1		0.16	1.00	ug/L
79-20-9	Methyl Acetate	50.5		0.27	1.00	ug/L
75-09-2	Methylene Chloride	55.6		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	55.4		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	56.3		0.23	1.00	ug/L
110-82-7	Cyclohexane	100		1.50	5.00	ug/L
78-93-3	2-Butanone	270		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	57.7		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	59.5		0.19	1.00	ug/L
74-97-5	Bromochloromethane	47.7		0.22	1.00	ug/L
67-66-3	Chloroform	64.7		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	55.5		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	110		0.16	1.00	ug/L
71-43-2	Benzene	220	E	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	55.3		0.22	1.00	ug/L
79-01-6	Trichloroethene	61.2		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	57.8		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	63.2		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	260		0.68	5.00	ug/L
108-88-3	Toluene	72.0		0.14	1.00	ug/L

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10061-02-6	t-1,3-Dichloropropene	56.7		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	56.6		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	79.4		0.21	1.00	ug/L
591-78-6	2-Hexanone	290		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	63.6		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	62.0		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	58.0		0.23	1.00	ug/L
108-90-7	Chlorobenzene	60.5		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	660	E	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	890	E	0.24	2.00	ug/L
95-47-6	o-Xylene	67.3		0.12	1.00	ug/L
100-42-5	Styrene	60.9		0.15	1.00	ug/L
75-25-2	Bromoform	67.5		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	130		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	63.2		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	61.3		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	60.8		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	59.8		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	56.5		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	54.0		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	53.3		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.1		74 - 125	98%	SPK: 50
1868-53-7	Dibromofluoromethane	57.1		75 - 124	114%	SPK: 50
2037-26-5	Toluene-d8	54.4		86 - 113	109%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.4		77 - 121	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	173000	8.235			
540-36-3	1,4-Difluorobenzene	307000	9.106			
3114-55-4	Chlorobenzene-d5	268000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	124000	13.794			

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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