

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-2-20250605MS	SDG No.:	Q2268
Lab Sample ID:	Q2268-04MS	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
VN086992.D	1		06/12/25 20:48	VN061225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	41.0		0.22	1.00	ug/L
74-87-3	Chloromethane	35.7		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	45.6		0.26	1.00	ug/L
74-83-9	Bromomethane	18.3		1.40	5.00	ug/L
75-00-3	Chloroethane	48.1		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	49.0		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	44.8		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	50.5		0.23	1.00	ug/L
67-64-1	Acetone	260		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	44.5		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	60.9		0.16	1.00	ug/L
79-20-9	Methyl Acetate	45.3		0.27	1.00	ug/L
75-09-2	Methylene Chloride	49.2		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	48.5		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	50.0		0.23	1.00	ug/L
110-82-7	Cyclohexane	79.3		1.50	5.00	ug/L
78-93-3	2-Butanone	240		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	49.9		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	52.3		0.19	1.00	ug/L
74-97-5	Bromochloromethane	40.7		0.22	1.00	ug/L
67-66-3	Chloroform	55.8		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	50.2		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	83.1		0.16	1.00	ug/L
71-43-2	Benzene	160	E	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	48.0		0.22	1.00	ug/L
79-01-6	Trichloroethene	52.0		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	50.0		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	53.4		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	240		0.68	5.00	ug/L
108-88-3	Toluene	60.1		0.14	1.00	ug/L

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10061-02-6	t-1,3-Dichloropropene	48.8		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	49.5		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	65.4		0.21	1.00	ug/L
591-78-6	2-Hexanone	260		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	55.7		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	54.1		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	47.8		0.23	1.00	ug/L
108-90-7	Chlorobenzene	51.9		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	490	E	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	660	E	0.24	2.00	ug/L
95-47-6	o-Xylene	59.4		0.12	1.00	ug/L
100-42-5	Styrene	52.0		0.15	1.00	ug/L
75-25-2	Bromoform	58.8		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	100		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	56.0		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	51.3		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	51.4		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	52.2		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	51.3		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	45.2		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	45.6		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.3		74 - 125	91%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	47.5		86 - 113	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.1		77 - 121	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	233000	8.236			
540-36-3	1,4-Difluorobenzene	427000	9.106			
3114-55-4	Chlorobenzene-d5	372000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	171000	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