

Report of Analysis

Client:	PARSONS Main of New York, Inc.		Date Collected:	12/13/24	
Project:	Con Edison Non-MGP - Atlantic Avenue		Date Received:	12/16/24	
Client Sample ID:	MW6-20241213MS		SDG No.:	P5291	
Lab Sample ID:	P5291-08MS		Matrix:	Water	
Analytical Method:	SW8260		% 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
VN085240.D	1		12/17/24 21:35	VN121724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	69.0		0.21	1.00	ug/L
74-87-3	Chloromethane	50.8		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	59.6		0.34	1.00	ug/L
74-83-9	Bromomethane	50.5		1.40	5.00	ug/L
75-00-3	Chloroethane	62.1		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	55.8		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	52.3		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	54.6		0.26	1.00	ug/L
67-64-1	Acetone	320		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	53.7		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	66.6		0.16	1.00	ug/L
79-20-9	Methyl Acetate	52.2		0.60	1.00	ug/L
75-09-2	Methylene Chloride	50.7		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	52.1		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	51.8		0.23	1.00	ug/L
110-82-7	Cyclohexane	65.1		1.60	5.00	ug/L
78-93-3	2-Butanone	290		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	53.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	52.0		0.25	1.00	ug/L
74-97-5	Bromochloromethane	47.3		0.18	1.00	ug/L
67-66-3	Chloroform	52.0		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	52.4		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	81.3		0.19	1.00	ug/L
71-43-2	Benzene	390	E	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	50.8		0.24	1.00	ug/L
79-01-6	Trichloroethene	52.3		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	48.7		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	52.4		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	310		0.75	5.00	ug/L
108-88-3	Toluene	130	E	0.18	1.00	ug/L

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10061-02-6	t-1,3-Dichloropropene	51.9		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	50.7		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	61.4		0.21	1.00	ug/L
591-78-6	2-Hexanone	310		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	54.1		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	53.3		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	47.4		0.25	1.00	ug/L
108-90-7	Chlorobenzene	48.9		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	190	E	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	460	E	0.31	2.00	ug/L
95-47-6	o-Xylene	170	E	0.14	1.00	ug/L
100-42-5	Styrene	60.2		0.16	1.00	ug/L
75-25-2	Bromoform	56.0		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	60.9		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	48.2		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	44.2		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	42.9		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	44.2		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	53.4		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	42.0		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	42.6		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.7		74 - 125	101%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	48.9		86 - 113	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.7		77 - 121	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	150000	8.224			
540-36-3	1,4-Difluorobenzene	256000	9.1			
3114-55-4	Chlorobenzene-d5	228000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	111000	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