

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:	MW6-20241213MSD		SDG No.:	P5291	
Lab Sample ID:	P5291-09MSD		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
VN085241.D	1		12/17/24 21:59	VN121724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	70.5		0.21	1.00	ug/L
74-87-3	Chloromethane	48.5		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	61.1		0.34	1.00	ug/L
74-83-9	Bromomethane	53.8		1.40	5.00	ug/L
75-00-3	Chloroethane	54.0		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	57.3		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	54.1		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	55.2		0.26	1.00	ug/L
67-64-1	Acetone	330		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	56.1		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	67.7		0.16	1.00	ug/L
79-20-9	Methyl Acetate	52.6		0.60	1.00	ug/L
75-09-2	Methylene Chloride	51.7		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	53.6		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	52.1		0.23	1.00	ug/L
110-82-7	Cyclohexane	66.2		1.60	5.00	ug/L
78-93-3	2-Butanone	310		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	57.0		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	53.0		0.25	1.00	ug/L
74-97-5	Bromochloromethane	48.1		0.18	1.00	ug/L
67-66-3	Chloroform	52.9		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	53.7		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	86.0		0.19	1.00	ug/L
71-43-2	Benzene	380	E	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	53.1		0.24	1.00	ug/L
79-01-6	Trichloroethene	54.7		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	50.7		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	54.8		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	330		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	54.1		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	53.1		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	64.0		0.21	1.00	ug/L
591-78-6	2-Hexanone	330		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	56.0		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	57.0		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	50.3		0.25	1.00	ug/L
108-90-7	Chlorobenzene	50.8		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	450	E	0.31	2.00	ug/L
95-47-6	o-Xylene	170	E	0.14	1.00	ug/L
100-42-5	Styrene	61.5		0.16	1.00	ug/L
75-25-2	Bromoform	58.5		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	65.4		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	51.6		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	47.7		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	46.6		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	47.4		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	59.6		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	47.4		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	48.1		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.9		74 - 125	98%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	48.2		86 - 113	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.1		77 - 121	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	153000	8.224			
540-36-3	1,4-Difluorobenzene	255000	9.1			
3114-55-4	Chlorobenzene-d5	228000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	107000	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