

Report of Analysis

Client:	AECOM		Date Collected:	08/20/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/20/25	
Client Sample ID:	MW-201-082025MS		SDG No.:	Q2924	
Lab Sample ID:	Q2924-03MS		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039005.D	1	08/22/25 00:20	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	38.4		0.22	5.00	ug/L
74-87-3	Chloromethane	32.4		0.32	5.00	ug/L
75-01-4	Vinyl Chloride	39.7		0.26	5.00	ug/L
74-83-9	Bromomethane	24.9		1.40	5.00	ug/L
75-00-3	Chloroethane	52.0		0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	45.7		0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	44.6		0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	49.2		0.23	5.00	ug/L
67-64-1	Acetone	210		1.50	25.0	ug/L
75-15-0	Carbon Disulfide	47.5		0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	55.4		0.16	5.00	ug/L
79-20-9	Methyl Acetate	47.7		0.27	5.00	ug/L
75-09-2	Methylene Chloride	43.3		0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	220	E	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	42.5		0.23	5.00	ug/L
110-82-7	Cyclohexane	41.1		1.50	5.00	ug/L
78-93-3	2-Butanone	230		0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	42.2		0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	170	E	0.19	5.00	ug/L
74-97-5	Bromochloromethane	45.2		0.22	5.00	ug/L
67-66-3	Chloroform	41.8		0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	42.5		0.20	5.00	ug/L
108-87-2	Methylcyclohexane	45.2		0.16	5.00	ug/L
71-43-2	Benzene	1600	E	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	180	E	0.22	5.00	ug/L
79-01-6	Trichloroethene	74.0		0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	40.8		0.20	5.00	ug/L
75-27-4	Bromodichloromethane	40.6		0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	220		0.68	25.0	ug/L
108-88-3	Toluene	3300	E	0.14	5.00	ug/L

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10061-02-6	t-1,3-Dichloropropene	41.0		0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	42.6		0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	37.2		0.21	5.00	ug/L
591-78-6	2-Hexanone	160		0.89	25.0	ug/L
124-48-1	Dibromochloromethane	38.7		0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	39.9		0.15	5.00	ug/L
127-18-4	Tetrachloroethene	43.7		0.23	5.00	ug/L
108-90-7	Chlorobenzene	44.2		0.12	5.00	ug/L
100-41-4	Ethyl Benzene	650	E	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	2300	E	0.24	10.0	ug/L
95-47-6	o-Xylene	2200	E	0.12	5.00	ug/L
100-42-5	Styrene	1800	E	0.15	5.00	ug/L
75-25-2	Bromoform	45.4		0.19	5.00	ug/L
98-82-8	Isopropylbenzene	43.6		0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	28.9		0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	45.0		0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	43.8		0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	46.1		0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	46.0		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	51.9		0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	51.6		0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.4		74 - 125	101%	SPK: 50
1868-53-7	Dibromofluoromethane	44.4		75 - 124	89%	SPK: 50
2037-26-5	Toluene-d8	43.9		86 - 113	88%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.0		77 - 121	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	528000	4.603			
540-36-3	1,4-Difluorobenzene	848000	5.535			
3114-55-4	Chlorobenzene-d5	744000	8.78			
3855-82-1	1,4-Dichlorobenzene-d4	532000	11.178			

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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