

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-201-082025MSD		SDG No.:	Q2924	
Lab Sample ID:	Q2924-04MSD		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
VV039006.D	1	08/22/25 00:42	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	44.7		0.22	5.00	ug/L
74-87-3	Chloromethane	49.3		0.32	5.00	ug/L
75-01-4	Vinyl Chloride	57.5		0.26	5.00	ug/L
74-83-9	Bromomethane	31.1		1.40	5.00	ug/L
75-00-3	Chloroethane	60.7		0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	47.5		0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	44.0		0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	54.6		0.23	5.00	ug/L
67-64-1	Acetone	260		1.50	25.0	ug/L
75-15-0	Carbon Disulfide	55.4		0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	67.5		0.16	5.00	ug/L
79-20-9	Methyl Acetate	61.9		0.27	5.00	ug/L
75-09-2	Methylene Chloride	53.6		0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	250	E	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	49.1		0.23	5.00	ug/L
110-82-7	Cyclohexane	38.3		1.50	5.00	ug/L
78-93-3	2-Butanone	260		0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	41.8		0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	180	E	0.19	5.00	ug/L
74-97-5	Bromochloromethane	47.4		0.22	5.00	ug/L
67-66-3	Chloroform	44.9		0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	43.5		0.20	5.00	ug/L
108-87-2	Methylcyclohexane	38.9		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	72.9		0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	43.1		0.20	5.00	ug/L
75-27-4	Bromodichloromethane	43.1		0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	230		0.68	25.0	ug/L
108-88-3	Toluene	3200	E	0.14	5.00	ug/L

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10061-02-6	t-1,3-Dichloropropene	43.6		0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	45.0		0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	39.4		0.21	5.00	ug/L
591-78-6	2-Hexanone	170		0.89	25.0	ug/L
124-48-1	Dibromochloromethane	41.3		0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	42.9		0.15	5.00	ug/L
127-18-4	Tetrachloroethene	44.9		0.23	5.00	ug/L
108-90-7	Chlorobenzene	45.7		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	2500	E	0.12	5.00	ug/L
100-42-5	Styrene	1900	E	0.15	5.00	ug/L
75-25-2	Bromoform	62.5		0.19	5.00	ug/L
98-82-8	Isopropylbenzene	61.7		0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	48.4		0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	49.8		0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	46.8		0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	51.5		0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	61.3		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	55.9		0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	55.4		0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.6		74 - 125	105%	SPK: 50
1868-53-7	Dibromofluoromethane	47.2		75 - 124	94%	SPK: 50
2037-26-5	Toluene-d8	44.3		86 - 113	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	60.7		77 - 121	121%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	517000	4.603			
540-36-3	1,4-Difluorobenzene	846000	5.532			
3114-55-4	Chlorobenzene-d5	728000	8.78			
3855-82-1	1,4-Dichlorobenzene-d4	478000	11.178			



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A = Aldol-Condensation Reaction Products