

Report of Analysis

Client:	AECOM		Date Collected:	08/19/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/19/25	
Client Sample ID:	MW-6B-081925MS		SDG No.:	Q2903	
Lab Sample ID:	Q2903-05MS		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
VX047507.D	1	08/22/25 18:30	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	41.1		0.22	5.00	ug/L
74-87-3	Chloromethane	45.7		0.32	5.00	ug/L
75-01-4	Vinyl Chloride	45.4		0.26	5.00	ug/L
74-83-9	Bromomethane	36.1		1.40	5.00	ug/L
75-00-3	Chloroethane	47.5		0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	43.6		0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	43.6		0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	46.4		0.23	5.00	ug/L
67-64-1	Acetone	280		1.50	25.0	ug/L
75-15-0	Carbon Disulfide	46.0		0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	57.1		0.16	5.00	ug/L
79-20-9	Methyl Acetate	67.7		0.27	5.00	ug/L
75-09-2	Methylene Chloride	54.0		0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	49.0		0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	53.6		0.23	5.00	ug/L
110-82-7	Cyclohexane	41.1		1.50	5.00	ug/L
78-93-3	2-Butanone	320		0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	41.3		0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	53.7		0.19	5.00	ug/L
74-97-5	Bromochloromethane	63.1		0.22	5.00	ug/L
67-66-3	Chloroform	54.6		0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	48.9		0.20	5.00	ug/L
108-87-2	Methylcyclohexane	36.1		0.16	5.00	ug/L
71-43-2	Benzene	47.6		0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	50.8		0.22	5.00	ug/L
79-01-6	Trichloroethene	43.8		0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	49.1		0.20	5.00	ug/L
75-27-4	Bromodichloromethane	49.9		0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	280		0.68	25.0	ug/L
108-88-3	Toluene	46.8		0.14	5.00	ug/L

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10061-02-6	t-1,3-Dichloropropene	49.8		0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	48.2		0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	52.2		0.21	5.00	ug/L
591-78-6	2-Hexanone	270		0.89	25.0	ug/L
124-48-1	Dibromochloromethane	50.4		0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	50.8		0.15	5.00	ug/L
127-18-4	Tetrachloroethene	38.5		0.23	5.00	ug/L
108-90-7	Chlorobenzene	43.6		0.12	5.00	ug/L
100-41-4	Ethyl Benzene	42.5		0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	86.4		0.24	10.0	ug/L
95-47-6	o-Xylene	43.8		0.12	5.00	ug/L
100-42-5	Styrene	46.5		0.15	5.00	ug/L
75-25-2	Bromoform	49.3		0.19	5.00	ug/L
98-82-8	Isopropylbenzene	40.1		0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	47.5		0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	41.7		0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	40.9		0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	43.0		0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	47.4		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	40.1		0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	41.1		0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	65.6	*	74 - 125	131%	SPK: 50
1868-53-7	Dibromofluoromethane	56.0		75 - 124	112%	SPK: 50
2037-26-5	Toluene-d8	51.4		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.8		77 - 121	114%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	173000	5.568			
540-36-3	1,4-Difluorobenzene	332000	6.769			
3114-55-4	Chlorobenzene-d5	317000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	162000	12.018			

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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