

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-12B-081925DL		SDG No.:	Q2903	
Lab Sample ID:	Q2903-07DL		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
VX047489.D	10	08/22/25 12:12	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	50.0	UD	2.20	50.0	ug/L
74-87-3	Chloromethane	50.0	UD	3.20	50.0	ug/L
75-01-4	Vinyl Chloride	50.0	UD	2.60	50.0	ug/L
74-83-9	Bromomethane	50.0	UD	14.4	50.0	ug/L
75-00-3	Chloroethane	50.0	UD	4.70	50.0	ug/L
75-69-4	Trichlorofluoromethane	50.0	UD	3.30	50.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	50.0	UD	2.50	50.0	ug/L
75-35-4	1,1-Dichloroethene	50.0	UD	2.30	50.0	ug/L
67-64-1	Acetone	250	UD	15.1	250	ug/L
75-15-0	Carbon Disulfide	50.0	UD	2.10	50.0	ug/L
1634-04-4	Methyl tert-butyl Ether	50.0	UD	1.60	50.0	ug/L
79-20-9	Methyl Acetate	50.0	UD	2.70	50.0	ug/L
75-09-2	Methylene Chloride	50.0	UD	2.80	50.0	ug/L
156-60-5	trans-1,2-Dichloroethene	50.0	UD	2.30	50.0	ug/L
75-34-3	1,1-Dichloroethane	50.0	UD	2.30	50.0	ug/L
110-82-7	Cyclohexane	50.0	UD	14.5	50.0	ug/L
78-93-3	2-Butanone	250	UD	9.80	250	ug/L
56-23-5	Carbon Tetrachloride	50.0	UD	2.50	50.0	ug/L
156-59-2	cis-1,2-Dichloroethene	50.0	UD	1.90	50.0	ug/L
74-97-5	Bromochloromethane	50.0	UD	2.20	50.0	ug/L
67-66-3	Chloroform	50.0	UD	2.50	50.0	ug/L
71-55-6	1,1,1-Trichloroethane	50.0	UD	2.00	50.0	ug/L
108-87-2	Methylcyclohexane	2.20	JD	1.60	50.0	ug/L
71-43-2	Benzene	400	D	1.50	50.0	ug/L
107-06-2	1,2-Dichloroethane	50.0	UD	2.20	50.0	ug/L
79-01-6	Trichloroethene	50.0	UD	0.93	50.0	ug/L
78-87-5	1,2-Dichloropropane	50.0	UD	2.00	50.0	ug/L
75-27-4	Bromodichloromethane	50.0	UD	2.20	50.0	ug/L
108-10-1	4-Methyl-2-Pentanone	250	UD	6.80	250	ug/L
108-88-3	Toluene	50.0	UD	1.40	50.0	ug/L

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10061-02-6	t-1,3-Dichloropropene	50.0	UD	1.70	50.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	50.0	UD	1.60	50.0	ug/L
79-00-5	1,1,2-Trichloroethane	50.0	UD	2.10	50.0	ug/L
591-78-6	2-Hexanone	250	UD	8.90	250	ug/L
124-48-1	Dibromochloromethane	50.0	UD	1.80	50.0	ug/L
106-93-4	1,2-Dibromoethane	50.0	UD	1.50	50.0	ug/L
127-18-4	Tetrachloroethene	50.0	UD	2.30	50.0	ug/L
108-90-7	Chlorobenzene	50.0	UD	1.20	50.0	ug/L
100-41-4	Ethyl Benzene	2.00	JD	1.30	50.0	ug/L
179601-23-1	m/p-Xylenes	2.50	JD	2.40	100	ug/L
95-47-6	o-Xylene	3.20	JD	1.20	50.0	ug/L
100-42-5	Styrene	50.0	UD	1.50	50.0	ug/L
75-25-2	Bromoform	50.0	UD	1.90	50.0	ug/L
98-82-8	Isopropylbenzene	14.3	JD	1.20	50.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	50.0	UD	2.60	50.0	ug/L
541-73-1	1,3-Dichlorobenzene	50.0	UD	1.60	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	50.0	UD	1.90	50.0	ug/L
95-50-1	1,2-Dichlorobenzene	50.0	UD	1.60	50.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	50.0	UD	5.30	50.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	50.0	UD	2.00	50.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	50.0	UD	2.00	50.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.7		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	47.9		75 - 124	96%	SPK: 50
2037-26-5	Toluene-d8	47.3		86 - 113	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.6		77 - 121	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	199000	5.562			
540-36-3	1,4-Difluorobenzene	401000	6.769			
3114-55-4	Chlorobenzene-d5	390000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	193000	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