

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-2B-082025DL2		SDG No.:	Q2924	
Lab Sample ID:	Q2924-05DL2		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
VV039017.D	100	08/22/25 15:06	VV082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	500	UD	22.0	500	ug/L
74-87-3	Chloromethane	500	UD	32.0	500	ug/L
75-01-4	Vinyl Chloride	500	UD	26.0	500	ug/L
74-83-9	Bromomethane	500	UD	140	500	ug/L
75-00-3	Chloroethane	500	UD	47.0	500	ug/L
75-69-4	Trichlorofluoromethane	500	UD	33.0	500	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	500	UD	25.0	500	ug/L
75-35-4	1,1-Dichloroethene	500	UD	23.0	500	ug/L
67-64-1	Acetone	2500	UD	150	2500	ug/L
75-15-0	Carbon Disulfide	500	UD	21.0	500	ug/L
1634-04-4	Methyl tert-butyl Ether	500	UDQ	16.0	500	ug/L
79-20-9	Methyl Acetate	500	UDQ	27.0	500	ug/L
75-09-2	Methylene Chloride	500	UD	28.0	500	ug/L
156-60-5	trans-1,2-Dichloroethene	500	UDQ	23.0	500	ug/L
75-34-3	1,1-Dichloroethane	500	UD	23.0	500	ug/L
110-82-7	Cyclohexane	500	UD	150	500	ug/L
78-93-3	2-Butanone	2500	UD	98.0	2500	ug/L
56-23-5	Carbon Tetrachloride	500	UD	25.0	500	ug/L
156-59-2	cis-1,2-Dichloroethene	59.4	JD	19.0	500	ug/L
74-97-5	Bromochloromethane	500	UDQ	22.0	500	ug/L
67-66-3	Chloroform	500	UD	25.0	500	ug/L
71-55-6	1,1,1-Trichloroethane	500	UD	20.0	500	ug/L
108-87-2	Methylcyclohexane	500	UD	16.0	500	ug/L
71-43-2	Benzene	4900	D	15.0	500	ug/L
107-06-2	1,2-Dichloroethane	500	UD	22.0	500	ug/L
79-01-6	Trichloroethene	500	UD	9.30	500	ug/L
78-87-5	1,2-Dichloropropane	500	UD	20.0	500	ug/L
75-27-4	Bromodichloromethane	500	UD	22.0	500	ug/L
108-10-1	4-Methyl-2-Pentanone	2500	UD	68.0	2500	ug/L
108-88-3	Toluene	500	UD	14.0	500	ug/L

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10061-02-6	t-1,3-Dichloropropene	500	UD	17.0	500	ug/L
10061-01-5	cis-1,3-Dichloropropene	500	UD	16.0	500	ug/L
79-00-5	1,1,2-Trichloroethane	500	UD	21.0	500	ug/L
591-78-6	2-Hexanone	2500	UD	89.0	2500	ug/L
124-48-1	Dibromochloromethane	500	UD	18.0	500	ug/L
106-93-4	1,2-Dibromoethane	500	UD	15.0	500	ug/L
127-18-4	Tetrachloroethene	500	UD	23.0	500	ug/L
108-90-7	Chlorobenzene	500	UD	12.0	500	ug/L
100-41-4	Ethyl Benzene	570	D	13.0	500	ug/L
179601-23-1	m/p-Xylenes	1000	UD	24.0	1000	ug/L
95-47-6	o-Xylene	500	UD	12.0	500	ug/L
100-42-5	Styrene	500	UD	15.0	500	ug/L
75-25-2	Bromoform	500	UD	19.0	500	ug/L
98-82-8	Isopropylbenzene	500	UD	12.0	500	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	500	UD	26.0	500	ug/L
541-73-1	1,3-Dichlorobenzene	500	UD	16.0	500	ug/L
106-46-7	1,4-Dichlorobenzene	500	UD	19.0	500	ug/L
95-50-1	1,2-Dichlorobenzene	500	UD	16.0	500	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	500	UD	53.0	500	ug/L
120-82-1	1,2,4-Trichlorobenzene	500	UD	20.0	500	ug/L
87-61-6	1,2,3-Trichlorobenzene	500	UD	20.0	500	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.7		74 - 125	119%	SPK: 50
1868-53-7	Dibromofluoromethane	45.2		75 - 124	90%	SPK: 50
2037-26-5	Toluene-d8	44.9		86 - 113	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.2		77 - 121	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	583000	4.596			
540-36-3	1,4-Difluorobenzene	1170000	5.529			
3114-55-4	Chlorobenzene-d5	1040000	8.773			
3855-82-1	1,4-Dichlorobenzene-d4	457000	11.172			

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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