

Report of Analysis

Client:	AECOM		Date Collected:	08/21/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/21/25	
Client Sample ID:	MW-19B-082125DL2		SDG No.:	Q2936	
Lab Sample ID:	Q2936-02DL2		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087661.D	500	08/25/25 16:25	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2500	UD	110	2500	ug/L
74-87-3	Chloromethane	2500	UD	160	2500	ug/L
75-01-4	Vinyl Chloride	2500	UD	130	2500	ug/L
74-83-9	Bromomethane	2500	UD	720	2500	ug/L
75-00-3	Chloroethane	2500	UD	240	2500	ug/L
75-69-4	Trichlorofluoromethane	2500	UD	170	2500	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	2500	UD	130	2500	ug/L
75-35-4	1,1-Dichloroethene	2500	UD	120	2500	ug/L
67-64-1	Acetone	12500	UD	760	12500	ug/L
75-15-0	Carbon Disulfide	2500	UD	110	2500	ug/L
1634-04-4	Methyl tert-butyl Ether	2500	UD	80.0	2500	ug/L
79-20-9	Methyl Acetate	2500	UD	140	2500	ug/L
75-09-2	Methylene Chloride	2500	UD	140	2500	ug/L
156-60-5	trans-1,2-Dichloroethene	2500	UD	120	2500	ug/L
75-34-3	1,1-Dichloroethane	2500	UD	120	2500	ug/L
110-82-7	Cyclohexane	2500	UD	730	2500	ug/L
78-93-3	2-Butanone	12500	UD	490	12500	ug/L
56-23-5	Carbon Tetrachloride	2500	UD	130	2500	ug/L
156-59-2	cis-1,2-Dichloroethene	2500	UD	95.0	2500	ug/L
74-97-5	Bromochloromethane	2500	UD	110	2500	ug/L
67-66-3	Chloroform	2500	UD	130	2500	ug/L
71-55-6	1,1,1-Trichloroethane	2500	UD	100	2500	ug/L
108-87-2	Methylcyclohexane	2500	UD	80.0	2500	ug/L
71-43-2	Benzene	20300	D	75.0	2500	ug/L
107-06-2	1,2-Dichloroethane	2500	UD	110	2500	ug/L
79-01-6	Trichloroethene	2500	UD	46.5	2500	ug/L
78-87-5	1,2-Dichloropropane	2500	UD	100	2500	ug/L
75-27-4	Bromodichloromethane	2500	UD	110	2500	ug/L
108-10-1	4-Methyl-2-Pentanone	12500	UD	340	12500	ug/L
108-88-3	Toluene	2500	UD	70.0	2500	ug/L

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10061-02-6	t-1,3-Dichloropropene	2500	UD	85.0	2500	ug/L
10061-01-5	cis-1,3-Dichloropropene	2500	UD	80.0	2500	ug/L
79-00-5	1,1,2-Trichloroethane	2500	UD	110	2500	ug/L
591-78-6	2-Hexanone	12500	UD	450	12500	ug/L
124-48-1	Dibromochloromethane	2500	UD	90.0	2500	ug/L
106-93-4	1,2-Dibromoethane	2500	UD	75.0	2500	ug/L
127-18-4	Tetrachloroethene	2500	UD	120	2500	ug/L
108-90-7	Chlorobenzene	2500	UD	60.0	2500	ug/L
100-41-4	Ethyl Benzene	3000	D	65.0	2500	ug/L
179601-23-1	m/p-Xylenes	730	JD	120	5000	ug/L
95-47-6	o-Xylene	440	JD	60.0	2500	ug/L
100-42-5	Styrene	2500	UD	75.0	2500	ug/L
75-25-2	Bromoform	2500	UD	95.0	2500	ug/L
98-82-8	Isopropylbenzene	2500	UD	60.0	2500	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	2500	UD	130	2500	ug/L
541-73-1	1,3-Dichlorobenzene	2500	UD	80.0	2500	ug/L
106-46-7	1,4-Dichlorobenzene	2500	UD	95.0	2500	ug/L
95-50-1	1,2-Dichlorobenzene	2500	UD	80.0	2500	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	2500	UD	270	2500	ug/L
120-82-1	1,2,4-Trichlorobenzene	2500	UD	100	2500	ug/L
87-61-6	1,2,3-Trichlorobenzene	2500	UD	100	2500	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.2		74 - 125	108%	SPK: 50
1868-53-7	Dibromofluoromethane	48.5		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	47.4		86 - 113	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.2		77 - 121	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	173000	8.212			
540-36-3	1,4-Difluorobenzene	404000	9.082			
3114-55-4	Chlorobenzene-d5	378000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	175000	13.77			

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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