

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-082125DL		SDG No.:	Q2936	
Lab Sample ID:	Q2936-02DL		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
VN087652.D	20	08/25/25 13:16	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	100	UD	4.40	100	ug/L
74-87-3	Chloromethane	100	UD	6.40	100	ug/L
75-01-4	Vinyl Chloride	100	UD	5.20	100	ug/L
74-83-9	Bromomethane	100	UD	28.8	100	ug/L
75-00-3	Chloroethane	100	UD	9.40	100	ug/L
75-69-4	Trichlorofluoromethane	100	UD	6.60	100	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	100	UD	5.00	100	ug/L
75-35-4	1,1-Dichloroethene	100	UD	4.60	100	ug/L
67-64-1	Acetone	500	UD	30.2	500	ug/L
75-15-0	Carbon Disulfide	100	UD	4.20	100	ug/L
1634-04-4	Methyl tert-butyl Ether	100	UD	3.20	100	ug/L
79-20-9	Methyl Acetate	100	UD	5.40	100	ug/L
75-09-2	Methylene Chloride	100	UD	5.60	100	ug/L
156-60-5	trans-1,2-Dichloroethene	100	UD	4.60	100	ug/L
75-34-3	1,1-Dichloroethane	100	UD	4.60	100	ug/L
110-82-7	Cyclohexane	100	UD	29.0	100	ug/L
78-93-3	2-Butanone	500	UD	19.6	500	ug/L
56-23-5	Carbon Tetrachloride	100	UD	5.00	100	ug/L
156-59-2	cis-1,2-Dichloroethene	100	UD	3.80	100	ug/L
74-97-5	Bromochloromethane	100	UD	4.40	100	ug/L
67-66-3	Chloroform	100	UD	5.00	100	ug/L
71-55-6	1,1,1-Trichloroethane	100	UD	4.00	100	ug/L
108-87-2	Methylcyclohexane	100	UD	3.20	100	ug/L
71-43-2	Benzene	24300	ED	3.00	100	ug/L
107-06-2	1,2-Dichloroethane	100	UD	4.40	100	ug/L
79-01-6	Trichloroethene	100	UD	1.90	100	ug/L
78-87-5	1,2-Dichloropropane	100	UD	4.00	100	ug/L
75-27-4	Bromodichloromethane	100	UD	4.40	100	ug/L
108-10-1	4-Methyl-2-Pentanone	500	UD	13.6	500	ug/L
108-88-3	Toluene	76.9	JD	2.80	100	ug/L

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10061-02-6	t-1,3-Dichloropropene	100	UD	3.40	100	ug/L
10061-01-5	cis-1,3-Dichloropropene	100	UD	3.20	100	ug/L
79-00-5	1,1,2-Trichloroethane	100	UD	4.20	100	ug/L
591-78-6	2-Hexanone	500	UD	17.8	500	ug/L
124-48-1	Dibromochloromethane	100	UD	3.60	100	ug/L
106-93-4	1,2-Dibromoethane	100	UD	3.00	100	ug/L
127-18-4	Tetrachloroethene	100	UD	4.60	100	ug/L
108-90-7	Chlorobenzene	100	UD	2.40	100	ug/L
100-41-4	Ethyl Benzene	4100	ED	2.60	100	ug/L
179601-23-1	m/p-Xylenes	890	D	4.80	200	ug/L
95-47-6	o-Xylene	620	D	2.40	100	ug/L
100-42-5	Styrene	100	UD	3.00	100	ug/L
75-25-2	Bromoform	100	UD	3.80	100	ug/L
98-82-8	Isopropylbenzene	100	D	2.40	100	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	100	UD	5.20	100	ug/L
541-73-1	1,3-Dichlorobenzene	100	UD	3.20	100	ug/L
106-46-7	1,4-Dichlorobenzene	100	UD	3.80	100	ug/L
95-50-1	1,2-Dichlorobenzene	100	UD	3.20	100	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	100	UD	10.6	100	ug/L
120-82-1	1,2,4-Trichlorobenzene	100	UD	4.00	100	ug/L
87-61-6	1,2,3-Trichlorobenzene	100	UD	4.00	100	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.8		74 - 125	112%	SPK: 50
1868-53-7	Dibromofluoromethane	48.4		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	47.7		86 - 113	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.9		77 - 121	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	177000	8.206			
540-36-3	1,4-Difluorobenzene	428000	9.082			
3114-55-4	Chlorobenzene-d5	385000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	190000	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