

Report of Analysis

Client:	AECOM		Date Collected:	08/18/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/18/25	
Client Sample ID:	MN-12C-081825DL		SDG No.:	Q2900	
Lab Sample ID:	Q2900-02DL		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:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047463.D	50	08/21/25 12:43	VX082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	250	UD	11.0	250	ug/L
74-87-3	Chloromethane	250	UD	16.0	250	ug/L
75-01-4	Vinyl Chloride	67.0	JD	13.0	250	ug/L
74-83-9	Bromomethane	250	UD	72.0	250	ug/L
75-00-3	Chloroethane	250	UD	23.5	250	ug/L
75-69-4	Trichlorofluoromethane	250	UD	16.5	250	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	250	UD	12.5	250	ug/L
75-35-4	1,1-Dichloroethene	250	UD	11.5	250	ug/L
67-64-1	Acetone	1300	UD	75.5	1300	ug/L
75-15-0	Carbon Disulfide	250	UD	10.5	250	ug/L
1634-04-4	Methyl tert-butyl Ether	250	UD	8.00	250	ug/L
79-20-9	Methyl Acetate	250	UD	13.5	250	ug/L
75-09-2	Methylene Chloride	250	UD	14.0	250	ug/L
156-60-5	trans-1,2-Dichloroethene	280	D	11.5	250	ug/L
75-34-3	1,1-Dichloroethane	250	UD	11.5	250	ug/L
110-82-7	Cyclohexane	250	UD	72.5	250	ug/L
78-93-3	2-Butanone	1300	UD	49.0	1300	ug/L
56-23-5	Carbon Tetrachloride	250	UD	12.5	250	ug/L
156-59-2	cis-1,2-Dichloroethene	320	D	9.50	250	ug/L
74-97-5	Bromochloromethane	250	UD	11.0	250	ug/L
67-66-3	Chloroform	250	UD	12.5	250	ug/L
71-55-6	1,1,1-Trichloroethane	250	UD	10.0	250	ug/L
108-87-2	Methylcyclohexane	250	UD	8.00	250	ug/L
71-43-2	Benzene	4000	D	7.50	250	ug/L
107-06-2	1,2-Dichloroethane	250	UD	11.0	250	ug/L
79-01-6	Trichloroethene	260	D	4.70	250	ug/L
78-87-5	1,2-Dichloropropane	250	UD	10.0	250	ug/L
75-27-4	Bromodichloromethane	250	UD	11.0	250	ug/L
108-10-1	4-Methyl-2-Pentanone	1300	UD	34.0	1300	ug/L
108-88-3	Toluene	4000	D	7.00	250	ug/L

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10061-02-6	t-1,3-Dichloropropene	250	UD	8.50	250	ug/L
10061-01-5	cis-1,3-Dichloropropene	250	UD	8.00	250	ug/L
79-00-5	1,1,2-Trichloroethane	250	UD	10.5	250	ug/L
591-78-6	2-Hexanone	1300	UD	44.5	1300	ug/L
124-48-1	Dibromochloromethane	250	UD	9.00	250	ug/L
106-93-4	1,2-Dibromoethane	250	UD	7.50	250	ug/L
127-18-4	Tetrachloroethene	180	JD	11.5	250	ug/L
108-90-7	Chlorobenzene	250	UD	6.00	250	ug/L
100-41-4	Ethyl Benzene	1800	D	6.50	250	ug/L
179601-23-1	m/p-Xylenes	1400	D	12.0	500	ug/L
95-47-6	o-Xylene	930	D	6.00	250	ug/L
100-42-5	Styrene	930	D	7.50	250	ug/L
75-25-2	Bromoform	250	UD	9.50	250	ug/L
98-82-8	Isopropylbenzene	35.2	JD	6.00	250	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	250	UD	13.0	250	ug/L
541-73-1	1,3-Dichlorobenzene	250	UD	8.00	250	ug/L
106-46-7	1,4-Dichlorobenzene	250	UD	9.50	250	ug/L
95-50-1	1,2-Dichlorobenzene	250	UD	8.00	250	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	250	UD	26.5	250	ug/L
120-82-1	1,2,4-Trichlorobenzene	250	UD	10.0	250	ug/L
87-61-6	1,2,3-Trichlorobenzene	250	UD	10.0	250	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.6		74 - 125	117%	SPK: 50
1868-53-7	Dibromofluoromethane	51.4		75 - 124	103%	SPK: 50
2037-26-5	Toluene-d8	49.8		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.7		77 - 121	115%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	227000	5.562			
540-36-3	1,4-Difluorobenzene	461000	6.769			
3114-55-4	Chlorobenzene-d5	464000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	241000	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