

Report of Analysis

Client:	AECOM		Date Collected:	
Project:	National Grid Equity - Brooklyn NY		Date Received:	
Client Sample ID:	VN0822WBS01	SDG No.:	Q2936	
Lab Sample ID:	VN0822WBS01	Matrix:	Water	
Analytical Method:	8260D	% Solid:	0	
Sample Wt/Vol:	5	Units:	mL	
Soil Aliquot Vol:			uL	
GC Column:	RXI-624	ID :	0.25	
Prep Method :		Level :	LOW	
		Final Vol:	5000	uL
		Test:	VOC-TCLVOA-10	

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087631.D	1	08/22/25 11:16	VN082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	20.3		0.22	1.00	ug/L
74-87-3	Chloromethane	19.2		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.8		0.26	1.00	ug/L
74-83-9	Bromomethane	18.7		1.40	5.00	ug/L
75-00-3	Chloroethane	17.4		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.4		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	17.3		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	17.7		0.23	1.00	ug/L
67-64-1	Acetone	76.8		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.6		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	17.1		0.16	1.00	ug/L
79-20-9	Methyl Acetate	17.0		0.27	1.00	ug/L
75-09-2	Methylene Chloride	17.0		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	16.9		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	16.7		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.4		1.50	5.00	ug/L
78-93-3	2-Butanone	84.7		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	17.4		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	17.6		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.2		0.22	1.00	ug/L
67-66-3	Chloroform	17.5		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	17.4		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	16.4		0.16	1.00	ug/L
71-43-2	Benzene	17.0		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	16.9		0.22	1.00	ug/L
79-01-6	Trichloroethene	16.9		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	16.3		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	17.0		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	85.5		0.68	5.00	ug/L
108-88-3	Toluene	16.9		0.14	1.00	ug/L

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10061-02-6	t-1,3-Dichloropropene	17.3		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	17.3		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	16.7		0.21	1.00	ug/L
591-78-6	2-Hexanone	87.8		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	16.5		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	16.8		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	16.3		0.23	1.00	ug/L
108-90-7	Chlorobenzene	17.2		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	17.3		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	35.1		0.24	2.00	ug/L
95-47-6	o-Xylene	17.1		0.12	1.00	ug/L
100-42-5	Styrene	17.5		0.15	1.00	ug/L
75-25-2	Bromoform	17.1		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	17.5		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	17.4		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	17.1		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	16.9		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	17.1		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	16.8		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.2		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	16.0		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.8		74 - 125	94%	SPK: 50
1868-53-7	Dibromofluoromethane	46.3		75 - 124	93%	SPK: 50
2037-26-5	Toluene-d8	46.8		86 - 113	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.2		77 - 121	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	241000	8.206			
540-36-3	1,4-Difluorobenzene	479000	9.082			
3114-55-4	Chlorobenzene-d5	432000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	215000	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