

LAB CHRONICLE

OrderID:	Q2924	OrderDate:	8/20/2025 3:43:00 PM
Client:	AECOM	Project:	National Grid Equity - Brooklyn NY
Contact:	Peter S	Location:	J23,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2924-01	MW-10C-082025	Water	VOC-TCLVOA-10	8260D	08/20/25		08/21/25	08/20/25
Q2924-02	MW-201-082025	Water	VOC-TCLVOA-10	8260D	08/20/25		08/21/25	08/20/25
Q2924-02DL	MW-201-082025DL	Water	VOC-TCLVOA-10	8260D	08/20/25		08/22/25	08/20/25
Q2924-02DL 2	MW-201-082025DL2	Water	VOC-TCLVOA-10	8260D	08/20/25		08/22/25	08/20/25
Q2924-05	MW-2B-082025	Water	VOC-TCLVOA-10	8260D	08/20/25		08/21/25	08/20/25
Q2924-05DL	MW-2B-082025DL	Water	VOC-TCLVOA-10	8260D	08/20/25		08/22/25	08/20/25
Q2924-05DL 2	MW-2B-082025DL2	Water	VOC-TCLVOA-10	8260D	08/20/25		08/22/25	08/20/25
Q2924-06	MW-2A-082025	Water	VOC-TCLVOA-10	8260D	08/20/25		08/21/25	08/20/25
Q2924-07	MW-18C-082025	Water	VOC-TCLVOA-10	8260D	08/20/25		08/21/25	08/20/25
Q2924-08	MW-16A-082025	Water	VOC-TCLVOA-10	8260D	08/20/25		08/21/25	08/20/25
Q2924-09	MW-16C-082025	Water	VOC-TCLVOA-10	8260D	08/20/25		08/21/25	08/20/25

LAB CHRONICLE

Q2924-10	MW-8A-082025	Water			08/20/25		08/20/25
			VOC-TCLVOA-10	8260D		08/21/25	
Q2924-11	FB-01-082025	Water			08/20/25		08/20/25
			VOC-TCLVOA-10	8260D		08/21/25	
Q2924-12	TB	Water			08/15/25		08/20/25
			VOC-TCLVOA-10	8260D		08/21/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2924
Client: AECOM

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	MW-10C-082025							
Q2924-01	MW-10C-082025	Water	Vinyl Chloride	2.60	J	0.26	5.00	ug/L
Q2924-01	MW-10C-082025	Water	cis-1,2-Dichloroethene	6.70		0.19	5.00	ug/L
Q2924-01	MW-10C-082025	Water	Trichloroethene	5.40		0.090	5.00	ug/L
Q2924-01	MW-10C-082025	Water	Tetrachloroethene	29.9		0.23	5.00	ug/L
			Total Voc :	44.6				
			Total Concentration:	44.6				
Client ID:	MW-201-082025							
Q2924-02	MW-201-082025	Water	Methyl tert-butyl Ether	0.92	J	0.16	5.00	ug/L
Q2924-02	MW-201-082025	Water	trans-1,2-Dichloroethene	210	E	0.23	5.00	ug/L
Q2924-02	MW-201-082025	Water	cis-1,2-Dichloroethene	150	E	0.19	5.00	ug/L
Q2924-02	MW-201-082025	Water	Benzene	1700	E	0.15	5.00	ug/L
Q2924-02	MW-201-082025	Water	Trichloroethene	26.9		0.090	5.00	ug/L
Q2924-02	MW-201-082025	Water	Toluene	3400	E	0.14	5.00	ug/L
Q2924-02	MW-201-082025	Water	Ethyl Benzene	650	E	0.13	5.00	ug/L
Q2924-02	MW-201-082025	Water	m/p-Xylenes	2400	E	0.24	10.0	ug/L
Q2924-02	MW-201-082025	Water	o-Xylene	2500	E	0.12	5.00	ug/L
Q2924-02	MW-201-082025	Water	Styrene	1900	E	0.15	5.00	ug/L
Q2924-02	MW-201-082025	Water	Isopropylbenzene	8.40		0.12	5.00	ug/L
			Total Voc :	12900				
Q2924-02	MW-201-082025	Water	Indene	* 4200	J	0	0	ug/L
Q2924-02	MW-201-082025	Water	Benzene, 1-ethenyl-3-methyl-	* 340	J	0	0	ug/L
Q2924-02	MW-201-082025	Water	Benzo[c]thiophene	* 280	J	0	0	ug/L
Q2924-02	MW-201-082025	Water	Benzene, 1,2,3-trimethyl-	* 230	J	0	0	ug/L
Q2924-02	MW-201-082025	Water	Benzene, 1-ethenyl-4-methyl-	* 960	J	0	0	ug/L
Q2924-02	MW-201-082025	Water	2-Methylindene	* 620	J	0	0	ug/L
Q2924-02	MW-201-082025	Water	Benzene, (1-methyl-2-cyclopro	* 750	J	0	0	ug/L
Q2924-02	MW-201-082025	Water	n-propylbenzene	* 30.4	J	0.13	5.00	ug/L
Q2924-02	MW-201-082025	Water	1,3,5-Trimethylbenzene	* 190	J	0.15	5.00	ug/L
Q2924-02	MW-201-082025	Water	1,2,4-Trimethylbenzene	* 660	J	0.14	5.00	ug/L
			Total Tics :	8260				
			Total Concentration:	21200				
Client ID:	MW-201-082025DL							
Q2924-02DL	MW-201-082025DI	Water	trans-1,2-Dichloroethene	200	JDQ	23.0	500	ug/L
Q2924-02DL	MW-201-082025DI	Water	cis-1,2-Dichloroethene	130	JD	19.0	500	ug/L
Q2924-02DL	MW-201-082025DI	Water	Benzene	5200	D	15.0	500	ug/L
Q2924-02DL	MW-201-082025DI	Water	Toluene	19900	ED	14.0	500	ug/L

Hit Summary Sheet
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SDG No.: Q2924

Client: AECOM

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2924-02DL	MW-201-082025DI	Water	Ethyl Benzene	570	D	13.0	500	ug/L
Q2924-02DL	MW-201-082025DI	Water	m/p-Xylenes	3300	D	24.0	1000	ug/L
Q2924-02DL	MW-201-082025DI	Water	o-Xylene	2000	D	12.0	500	ug/L
Q2924-02DL	MW-201-082025DI	Water	Styrene	5100	D	15.0	500	ug/L
Total Voc :				36400				
Total Concentration:				36400				
Client ID:	MW-201-082025DL2							
Q2924-02DL2	MW-201-082025DI	Water	Benzene	3700	D	60.0	2000	ug/L
Q2924-02DL2	MW-201-082025DI	Water	Toluene	14000	D	56.0	2000	ug/L
Q2924-02DL2	MW-201-082025DI	Water	Ethyl Benzene	410	JD	52.0	2000	ug/L
Q2924-02DL2	MW-201-082025DI	Water	m/p-Xylenes	2200	JD	96.0	4000	ug/L
Q2924-02DL2	MW-201-082025DI	Water	o-Xylene	1300	JD	48.0	2000	ug/L
Q2924-02DL2	MW-201-082025DI	Water	Styrene	3200	D	60.0	2000	ug/L
Total Voc :				24800				
Total Concentration:				24800				
Client ID:	MW-2B-082025							
Q2924-05	MW-2B-082025	Water	Acetone	2.40	J	1.50	25.0	ug/L
Q2924-05	MW-2B-082025	Water	Methyl tert-butyl Ether	9.60		0.16	5.00	ug/L
Q2924-05	MW-2B-082025	Water	trans-1,2-Dichloroethene	30.5		0.23	5.00	ug/L
Q2924-05	MW-2B-082025	Water	cis-1,2-Dichloroethene	58.4		0.19	5.00	ug/L
Q2924-05	MW-2B-082025	Water	Methylcyclohexane	1.30	J	0.16	5.00	ug/L
Q2924-05	MW-2B-082025	Water	Benzene	1600	E	0.15	5.00	ug/L
Q2924-05	MW-2B-082025	Water	Trichloroethene	1.90	J	0.090	5.00	ug/L
Q2924-05	MW-2B-082025	Water	Toluene	13.6		0.14	5.00	ug/L
Q2924-05	MW-2B-082025	Water	Ethyl Benzene	610	E	0.13	5.00	ug/L
Q2924-05	MW-2B-082025	Water	m/p-Xylenes	55.8		0.24	10.0	ug/L
Q2924-05	MW-2B-082025	Water	o-Xylene	50.4		0.12	5.00	ug/L
Q2924-05	MW-2B-082025	Water	Isopropylbenzene	78.7		0.12	5.00	ug/L
Total Voc :				2510				
Q2924-05	MW-2B-082025	Water	Indene	* 93.1	J	0	0	ug/L
Q2924-05	MW-2B-082025	Water	Indane	* 2600	J	0	0	ug/L
Q2924-05	MW-2B-082025	Water	Benzene, 1,2,3-trimethyl-	* 130	J	0	0	ug/L
Q2924-05	MW-2B-082025	Water	Benzene, 2-ethenyl-1,4-dimethy	* 150	J	0	0	ug/L
Q2924-05	MW-2B-082025	Water	2-Methylindene	* 74.7	J	0	0	ug/L
Q2924-05	MW-2B-082025	Water	Benzene, 1-ethenyl-4-ethyl-	* 180	J	0	0	ug/L
Q2924-05	MW-2B-082025	Water	Benzene, (1-methyl-2-cyclopro	* 220	J	0	0	ug/L
Q2924-05	MW-2B-082025	Water	n-propylbenzene	* 22.1	J	0.13	5.00	ug/L

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SDG No.: Q2924

Client: AECOM

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2924-05	MW-2B-082025	Water	1,3,5-Trimethylbenzene	* 19.7	J	0.15	5.00	ug/L
Q2924-05	MW-2B-082025	Water	1,2,4-Trimethylbenzene	* 57.4	J	0.14	5.00	ug/L
Total Tics :				3550				
Total Concentration:				6060				
Client ID:	MW-2B-082025DL							
Q2924-05DL	MW-2B-082025DL	Water	trans-1,2-Dichloroethene	30.5	JDQ	4.60	100	ug/L
Q2924-05DL	MW-2B-082025DL	Water	cis-1,2-Dichloroethene	47.2	JD	3.80	100	ug/L
Q2924-05DL	MW-2B-082025DL	Water	Benzene	5100	ED	3.00	100	ug/L
Q2924-05DL	MW-2B-082025DL	Water	Ethyl Benzene	680	D	2.60	100	ug/L
Q2924-05DL	MW-2B-082025DL	Water	m/p-Xylenes	49.5	JD	4.80	200	ug/L
Q2924-05DL	MW-2B-082025DL	Water	o-Xylene	42.5	JD	2.40	100	ug/L
Q2924-05DL	MW-2B-082025DL	Water	Isopropylbenzene	66.0	JD	2.40	100	ug/L
Total Voc :				6020				
Total Concentration:				6020				
Client ID:	MW-2B-082025DL2							
Q2924-05DL2	MW-2B-082025DL	Water	cis-1,2-Dichloroethene	59.4	JD	19.0	500	ug/L
Q2924-05DL2	MW-2B-082025DL	Water	Benzene	4900	D	15.0	500	ug/L
Q2924-05DL2	MW-2B-082025DL	Water	Ethyl Benzene	570	D	13.0	500	ug/L
Total Voc :				5530				
Total Concentration:				5530				
Client ID:	MW-2A-082025							
Q2924-06	MW-2A-082025	Water	Acetone	190		1.50	25.0	ug/L
Q2924-06	MW-2A-082025	Water	Chloroform	2.10	J	0.25	5.00	ug/L
Q2924-06	MW-2A-082025	Water	Benzene	30.7		0.15	5.00	ug/L
Q2924-06	MW-2A-082025	Water	Trichloroethene	0.48	J	0.090	5.00	ug/L
Q2924-06	MW-2A-082025	Water	Tetrachloroethene	5.40		0.23	5.00	ug/L
Q2924-06	MW-2A-082025	Water	Ethyl Benzene	0.46	J	0.13	5.00	ug/L
Q2924-06	MW-2A-082025	Water	Isopropylbenzene	0.26	J	0.12	5.00	ug/L
Total Voc :				229				
Q2924-06	MW-2A-082025	Water	Ethanol	* 61.3	J	0	0	ug/L
Q2924-06	MW-2A-082025	Water	Sulfur dioxide	* 150	J	0	0	ug/L
Q2924-06	MW-2A-082025	Water	Isopropyl Alcohol	* 14.4	J	0	0	ug/L
Total Tics :				226				
Total Concentration:				455				
Client ID:	MW-18C-082025							
Q2924-07	MW-18C-082025	Water	Vinyl Chloride	37.3		0.26	5.00	ug/L
Q2924-07	MW-18C-082025	Water	Acetone	1.70	J	1.50	25.0	ug/L
Q2924-07	MW-18C-082025	Water	Methyl tert-butyl Ether	5.30		0.16	5.00	ug/L

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SDG No.: Q2924

Client: AECOM

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2924-07	MW-18C-082025	Water	trans-1,2-Dichloroethene	5.90		0.23	5.00	ug/L
Q2924-07	MW-18C-082025	Water	cis-1,2-Dichloroethene	6.20		0.19	5.00	ug/L
Q2924-07	MW-18C-082025	Water	Benzene	0.65	J	0.15	5.00	ug/L
Q2924-07	MW-18C-082025	Water	Trichloroethene	2.20	J	0.090	5.00	ug/L
Q2924-07	MW-18C-082025	Water	Toluene	4.30	J	0.14	5.00	ug/L
Q2924-07	MW-18C-082025	Water	Tetrachloroethene	2.10	J	0.23	5.00	ug/L
			Total Voc :			65.7		
Q2924-07	MW-18C-082025	Water	Sulfur dioxide	* 38.7	J	0	0	ug/L
			Total Tics :			38.7		
			Total Concentration:			104		
Client ID:	MW-16A-082025							
Q2924-08	MW-16A-082025	Water	Sulfur dioxide	* 100	J	0	0	ug/L
			Total Tics :			100		
			Total Concentration:			100		
Client ID:	MW-16C-082025							
Q2924-09	MW-16C-082025	Water	Vinyl Chloride	53.8		0.26	5.00	ug/L
Q2924-09	MW-16C-082025	Water	1,1-Dichloroethene	0.65	J	0.23	5.00	ug/L
Q2924-09	MW-16C-082025	Water	Methyl tert-butyl Ether	17.7		0.16	5.00	ug/L
Q2924-09	MW-16C-082025	Water	trans-1,2-Dichloroethene	85.5		0.23	5.00	ug/L
Q2924-09	MW-16C-082025	Water	cis-1,2-Dichloroethene	32.7		0.19	5.00	ug/L
Q2924-09	MW-16C-082025	Water	Benzene	5.50		0.15	5.00	ug/L
Q2924-09	MW-16C-082025	Water	Trichloroethene	14.7		0.090	5.00	ug/L
Q2924-09	MW-16C-082025	Water	Tetrachloroethene	1.30	J	0.23	5.00	ug/L
Q2924-09	MW-16C-082025	Water	Ethyl Benzene	0.61	J	0.13	5.00	ug/L
Q2924-09	MW-16C-082025	Water	Isopropylbenzene	0.54	J	0.12	5.00	ug/L
			Total Voc :			213		
Q2924-09	MW-16C-082025	Water	2-Methylindene	* 7.10	J	0	0	ug/L
Q2924-09	MW-16C-082025	Water	Sulfur dioxide	* 10.9	J	0	0	ug/L
Q2924-09	MW-16C-082025	Water	Benzene, 1-ethenyl-3-ethyl-	* 46.6	J	0	0	ug/L
			Total Tics :			64.6		
			Total Concentration:			278		
Client ID:	MW-8A-082025							
Q2924-10	MW-8A-082025	Water	Acetone	2.80	J	1.50	25.0	ug/L
Q2924-10	MW-8A-082025	Water	Trichloroethene	0.49	J	0.090	5.00	ug/L
			Total Voc :			3.29		
Q2924-10	MW-8A-082025	Water	Sulfur dioxide	* 20.8	J	0	0	ug/L
			Total Tics :			20.8		
			Total Concentration:			24.1		
Client ID:	FB-01-082025							

Hit Summary Sheet
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SDG No.: Q2924

Client: AECOM

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2924-11	FB-01-082025	Water	Acetone	14.1	J	1.50	25.0	ug/L
			Total Voc :	14.1				
			Total Concentration:	14.1				



SAMPLE DATA

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-10C-082025		SDG No.:	Q2924	
Lab Sample ID:	Q2924-01		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
VV038997.D	1	08/21/25 21:28	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.00	U	0.22	5.00	ug/L
74-87-3	Chloromethane	5.00	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	2.60	J	0.26	5.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	5.00	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	5.00	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	U	0.23	5.00	ug/L
67-64-1	Acetone	25.0	U	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	5.00	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	25.0	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	6.70		0.19	5.00	ug/L
74-97-5	Bromochloromethane	5.00	U	0.22	5.00	ug/L
67-66-3	Chloroform	5.00	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	5.00	U	0.16	5.00	ug/L
71-43-2	Benzene	5.00	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	5.40		0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	0.68	25.0	ug/L
108-88-3	Toluene	5.00	U	0.14	5.00	ug/L

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-10C-082025		SDG No.:	Q2924	
Lab Sample ID:	Q2924-01		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
VV038997.D	1	08/21/25 21:28	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	5.00	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	5.00	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	5.00	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	25.0	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	5.00	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	5.00	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	29.9		0.23	5.00	ug/L
108-90-7	Chlorobenzene	5.00	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	5.00	U	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	10.0	U	0.24	10.0	ug/L
95-47-6	o-Xylene	5.00	U	0.12	5.00	ug/L
100-42-5	Styrene	5.00	U	0.15	5.00	ug/L
75-25-2	Bromoform	5.00	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	5.00	U	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	5.00	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.8		74 - 125	110%	SPK: 50
1868-53-7	Dibromofluoromethane	46.5		75 - 124	93%	SPK: 50
2037-26-5	Toluene-d8	45.0		86 - 113	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.7		77 - 121	83%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	585000	4.6			
540-36-3	1,4-Difluorobenzene	1060000	5.532			
3114-55-4	Chlorobenzene-d5	975000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	355000	11.175			

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-10C-082025		SDG No.:	Q2924	
Lab Sample ID:	Q2924-01		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
VV038997.D	1	08/21/25 21:28	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

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-201-082025		SDG No.:	Q2924	
Lab Sample ID:	Q2924-02		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
VV039004.D	1	08/21/25 23:59	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.00	U	0.22	5.00	ug/L
74-87-3	Chloromethane	5.00	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	5.00	U	0.26	5.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	5.00	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	5.00	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	U	0.23	5.00	ug/L
67-64-1	Acetone	25.0	U	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	5.00	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.92	J	0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	210	E	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	25.0	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	150	E	0.19	5.00	ug/L
74-97-5	Bromochloromethane	5.00	U	0.22	5.00	ug/L
67-66-3	Chloroform	5.00	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	5.00	U	0.16	5.00	ug/L
71-43-2	Benzene	1700	E	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	26.9		0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	0.68	25.0	ug/L
108-88-3	Toluene	3400	E	0.14	5.00	ug/L

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-201-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-02	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
VV039004.D	1	08/21/25 23:59	VV082125

[illegible]

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-201-082025		SDG No.:	Q2924	
Lab Sample ID:	Q2924-02		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
VV039004.D	1	08/21/25 23:59	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
103-65-1	n-propylbenzene	30.4	J		10.3	ug/L
108-67-8	1,3,5-Trimethylbenzene	190	J		10.5	ug/L
95-63-6	1,2,4-Trimethylbenzene	660	J		10.8	ug/L
000622-97-9	Benzene, 1-ethenyl-4-methyl-	960	J		10.9	ug/L
000100-80-1	Benzene, 1-ethenyl-3-methyl-	340	J		11.0	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	230	J		11.3	ug/L
000095-13-6	Indene	4200	J		11.7	ug/L
002177-47-1	2-Methylindene	620	J		12.9	ug/L
065051-83-4	Benzene, (1-methyl-2-cyclopropen-1	750	J		13.0	ug/L
000270-82-6	Benzo[c]thiophene	280	J		13.6	ug/L

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

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-201-082025DL		SDG No.:	Q2924	
Lab Sample ID:	Q2924-02DL		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
VV039015.D	100	08/22/25 14:10	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	UD	16.0	500	ug/L
79-20-9	Methyl Acetate	500	UD	27.0	500	ug/L
75-09-2	Methylene Chloride	500	UD	28.0	500	ug/L
156-60-5	trans-1,2-Dichloroethene	200	JDQ	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	130	JD	19.0	500	ug/L
74-97-5	Bromochloromethane	500	UD	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	5200	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	19900	ED	14.0	500	ug/L

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-201-082025DL		SDG No.:	Q2924	
Lab Sample ID:	Q2924-02DL		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
VV039015.D	100	08/22/25 14:10	VV082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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	3300	D	24.0	1000	ug/L
95-47-6	o-Xylene	2000	D	12.0	500	ug/L
100-42-5	Styrene	5100	D	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	59.8		74 - 125	120%	SPK: 50
1868-53-7	Dibromofluoromethane	44.9		75 - 124	90%	SPK: 50
2037-26-5	Toluene-d8	45.7		86 - 113	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.9		77 - 121	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	582000	4.6			
540-36-3	1,4-Difluorobenzene	1170000	5.532			
3114-55-4	Chlorobenzene-d5	1040000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	510000	11.172			



D

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039015.D	100	08/22/25 14:10	VV082225

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

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-201-082025DL2		SDG No.:	Q2924	
Lab Sample ID:	Q2924-02DL2		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:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039018.D	400	08/22/25 15:27	VV082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2000	UD	88.0	2000	ug/L
74-87-3	Chloromethane	2000	UD	130	2000	ug/L
75-01-4	Vinyl Chloride	2000	UD	100	2000	ug/L
74-83-9	Bromomethane	2000	UD	580	2000	ug/L
75-00-3	Chloroethane	2000	UD	190	2000	ug/L
75-69-4	Trichlorofluoromethane	2000	UD	130	2000	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	2000	UD	100	2000	ug/L
75-35-4	1,1-Dichloroethene	2000	UD	92.0	2000	ug/L
67-64-1	Acetone	10000	UD	600	10000	ug/L
75-15-0	Carbon Disulfide	2000	UD	84.0	2000	ug/L
1634-04-4	Methyl tert-butyl Ether	2000	UDQ	64.0	2000	ug/L
79-20-9	Methyl Acetate	2000	UDQ	110	2000	ug/L
75-09-2	Methylene Chloride	2000	UD	110	2000	ug/L
156-60-5	trans-1,2-Dichloroethene	2000	UDQ	92.0	2000	ug/L
75-34-3	1,1-Dichloroethane	2000	UD	92.0	2000	ug/L
110-82-7	Cyclohexane	2000	UD	580	2000	ug/L
78-93-3	2-Butanone	10000	UD	390	10000	ug/L
56-23-5	Carbon Tetrachloride	2000	UD	100	2000	ug/L
156-59-2	cis-1,2-Dichloroethene	2000	UD	76.0	2000	ug/L
74-97-5	Bromochloromethane	2000	UDQ	88.0	2000	ug/L
67-66-3	Chloroform	2000	UD	100	2000	ug/L
71-55-6	1,1,1-Trichloroethane	2000	UD	80.0	2000	ug/L
108-87-2	Methylcyclohexane	2000	UD	64.0	2000	ug/L
71-43-2	Benzene	3700	D	60.0	2000	ug/L
107-06-2	1,2-Dichloroethane	2000	UD	88.0	2000	ug/L
79-01-6	Trichloroethene	2000	UD	37.2	2000	ug/L
78-87-5	1,2-Dichloropropane	2000	UD	80.0	2000	ug/L
75-27-4	Bromodichloromethane	2000	UD	88.0	2000	ug/L
108-10-1	4-Methyl-2-Pentanone	10000	UD	270	10000	ug/L
108-88-3	Toluene	14000	D	56.0	2000	ug/L

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-201-082025DL2		SDG No.:	Q2924	
Lab Sample ID:	Q2924-02DL2		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:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039018.D	400	08/22/25 15:27	VV082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	2000	UD	68.0	2000	ug/L
10061-01-5	cis-1,3-Dichloropropene	2000	UD	64.0	2000	ug/L
79-00-5	1,1,2-Trichloroethane	2000	UD	84.0	2000	ug/L
591-78-6	2-Hexanone	10000	UD	360	10000	ug/L
124-48-1	Dibromochloromethane	2000	UD	72.0	2000	ug/L
106-93-4	1,2-Dibromoethane	2000	UD	60.0	2000	ug/L
127-18-4	Tetrachloroethene	2000	UD	92.0	2000	ug/L
108-90-7	Chlorobenzene	2000	UD	48.0	2000	ug/L
100-41-4	Ethyl Benzene	410	JD	52.0	2000	ug/L
179601-23-1	m/p-Xylenes	2200	JD	96.0	4000	ug/L
95-47-6	o-Xylene	1300	JD	48.0	2000	ug/L
100-42-5	Styrene	3200	D	60.0	2000	ug/L
75-25-2	Bromoform	2000	UD	76.0	2000	ug/L
98-82-8	Isopropylbenzene	2000	UD	48.0	2000	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	2000	UD	100	2000	ug/L
541-73-1	1,3-Dichlorobenzene	2000	UD	64.0	2000	ug/L
106-46-7	1,4-Dichlorobenzene	2000	UD	76.0	2000	ug/L
95-50-1	1,2-Dichlorobenzene	2000	UD	64.0	2000	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	2000	UD	210	2000	ug/L
120-82-1	1,2,4-Trichlorobenzene	2000	UD	80.0	2000	ug/L
87-61-6	1,2,3-Trichlorobenzene	2000	UD	80.0	2000	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.2		74 - 125	102%	SPK: 50
1868-53-7	Dibromofluoromethane	44.3		75 - 124	89%	SPK: 50
2037-26-5	Toluene-d8	44.2		86 - 113	88%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.6		77 - 121	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	766000	4.6			
540-36-3	1,4-Difluorobenzene	1440000	5.532			
3114-55-4	Chlorobenzene-d5	1310000	8.773			
3855-82-1	1,4-Dichlorobenzene-d4	617000	11.172			

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-201-082025DL2		SDG No.:	Q2924	
Lab Sample ID:	Q2924-02DL2		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:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039018.D	400	08/22/25 15:27	VV082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

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-082025		SDG No.:	Q2924	
Lab Sample ID:	Q2924-05		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
VV038998.D	1	08/21/25 21:49	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.00	U	0.22	5.00	ug/L
74-87-3	Chloromethane	5.00	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	5.00	U	0.26	5.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	5.00	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	5.00	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	U	0.23	5.00	ug/L
67-64-1	Acetone	2.40	J	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	5.00	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	9.60		0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	30.5		0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	25.0	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	58.4		0.19	5.00	ug/L
74-97-5	Bromochloromethane	5.00	U	0.22	5.00	ug/L
67-66-3	Chloroform	5.00	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	1.30	J	0.16	5.00	ug/L
71-43-2	Benzene	1600	E	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	1.90	J	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	0.68	25.0	ug/L
108-88-3	Toluene	13.6		0.14	5.00	ug/L

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-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV038998.D	1	08/21/25 21:49	VV082125

[illegible]

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-082025		SDG No.:	Q2924	
Lab Sample ID:	Q2924-05		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
VV038998.D	1	08/21/25 21:49	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
103-65-1	n-propylbenzene	22.1	J		10.3	ug/L
108-67-8	1,3,5-Trimethylbenzene	19.7	J		10.5	ug/L
95-63-6	1,2,4-Trimethylbenzene	57.4	J		10.8	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	130	J		11.3	ug/L
000496-11-7	Indane	2600	J		11.5	ug/L
000095-13-6	Indene	93.1	J		11.7	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	150	J		12.6	ug/L
003454-07-7	Benzene, 1-ethenyl-4-ethyl-	180	J		12.8	ug/L
002177-47-1	2-Methylindene	74.7	J		12.9	ug/L
065051-83-4	Benzene, (1-methyl-2-cyclopropen-1	220	J		13.0	ug/L

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

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-082025DL		SDG No.:	Q2924	
Lab Sample ID:	Q2924-05DL		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
VV039014.D	20	08/22/25 13:48	VV082225

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	UDQ	3.20	100	ug/L
79-20-9	Methyl Acetate	100	UDQ	5.40	100	ug/L
75-09-2	Methylene Chloride	100	UD	5.60	100	ug/L
156-60-5	trans-1,2-Dichloroethene	30.5	JDQ	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	47.2	JD	3.80	100	ug/L
74-97-5	Bromochloromethane	100	UDQ	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	5100	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	100	UD	2.80	100	ug/L

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-082025DL		SDG No.:	Q2924	
Lab Sample ID:	Q2924-05DL		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
VV039014.D	20	08/22/25 13:48	VV082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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	680	D	2.60	100	ug/L
179601-23-1	m/p-Xylenes	49.5	JD	4.80	200	ug/L
95-47-6	o-Xylene	42.5	JD	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	66.0	JD	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	51.7		74 - 125	103%	SPK: 50
1868-53-7	Dibromofluoromethane	43.5		75 - 124	87%	SPK: 50
2037-26-5	Toluene-d8	43.7		86 - 113	87%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.5		77 - 121	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	617000	4.603			
540-36-3	1,4-Difluorobenzene	1160000	5.532			
3114-55-4	Chlorobenzene-d5	1030000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	477000	11.172			

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-082025DL		SDG No.:	Q2924	
Lab Sample ID:	Q2924-05DL		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
VV039014.D	20	08/22/25 13:48	VV082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

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

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
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			

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
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U = Not Detected
 LOQ = Limit of Quantitation
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 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

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-2A-082025		SDG No.:	Q2924	
Lab Sample ID:	Q2924-06		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
VV038999.D	1	08/21/25 22:11	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.00	U	0.22	5.00	ug/L
74-87-3	Chloromethane	5.00	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	5.00	U	0.26	5.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	5.00	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	5.00	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	U	0.23	5.00	ug/L
67-64-1	Acetone	190		1.50	25.0	ug/L
75-15-0	Carbon Disulfide	5.00	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	25.0	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	5.00	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	5.00	U	0.22	5.00	ug/L
67-66-3	Chloroform	2.10	J	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	5.00	U	0.16	5.00	ug/L
71-43-2	Benzene	30.7		0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.48	J	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	0.68	25.0	ug/L
108-88-3	Toluene	5.00	U	0.14	5.00	ug/L

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-2A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV038999.D	1	08/21/25 22:11	VV082125

[illegible]

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-2A-082025		SDG No.:	Q2924	
Lab Sample ID:	Q2924-06		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
VV038999.D	1	08/21/25 22:11	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	150	J		1.20	ug/L
000064-17-5	Ethanol	61.3	J		1.84	ug/L
67-63-0	Isopropyl Alcohol	14.4	J		2.22	ug/L

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

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-18C-082025		SDG No.:	Q2924	
Lab Sample ID:	Q2924-07		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
VV039000.D	1	08/21/25 22:33	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.00	U	0.22	5.00	ug/L
74-87-3	Chloromethane	5.00	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	37.3		0.26	5.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	5.00	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	5.00	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	U	0.23	5.00	ug/L
67-64-1	Acetone	1.70	J	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	5.00	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.30		0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	5.90		0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	25.0	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	6.20		0.19	5.00	ug/L
74-97-5	Bromochloromethane	5.00	U	0.22	5.00	ug/L
67-66-3	Chloroform	5.00	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	5.00	U	0.16	5.00	ug/L
71-43-2	Benzene	0.65	J	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	2.20	J	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	0.68	25.0	ug/L
108-88-3	Toluene	4.30	J	0.14	5.00	ug/L

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-18C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-07	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039000.D	1	08/21/25 22:33	VV082125

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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-18C-082025		SDG No.:	Q2924	
Lab Sample ID:	Q2924-07		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
VV039000.D	1	08/21/25 22:33	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	38.7	J		1.20	ug/L

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

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-16A-082025		SDG No.:	Q2924	
Lab Sample ID:	Q2924-08		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
VV039001.D	1	08/21/25 22:54	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.00	U	0.22	5.00	ug/L
74-87-3	Chloromethane	5.00	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	5.00	U	0.26	5.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	5.00	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	5.00	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	U	0.23	5.00	ug/L
67-64-1	Acetone	25.0	U	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	5.00	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	25.0	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	5.00	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	5.00	U	0.22	5.00	ug/L
67-66-3	Chloroform	5.00	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	5.00	U	0.16	5.00	ug/L
71-43-2	Benzene	5.00	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	5.00	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	0.68	25.0	ug/L
108-88-3	Toluene	5.00	U	0.14	5.00	ug/L

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-16A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-08	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039001.D	1	08/21/25 22:54	VV082125

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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-16A-082025		SDG No.:	Q2924	
Lab Sample ID:	Q2924-08		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
VV039001.D	1	08/21/25 22:54	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	100	J		1.20	ug/L

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

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-16C-082025		SDG No.:	Q2924	
Lab Sample ID:	Q2924-09		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
VV039002.D	1	08/21/25 23:16	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.00	U	0.22	5.00	ug/L
74-87-3	Chloromethane	5.00	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	53.8		0.26	5.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	5.00	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	5.00	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.65	J	0.23	5.00	ug/L
67-64-1	Acetone	25.0	U	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	5.00	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	17.7		0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	85.5		0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	25.0	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	32.7		0.19	5.00	ug/L
74-97-5	Bromochloromethane	5.00	U	0.22	5.00	ug/L
67-66-3	Chloroform	5.00	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	5.00	U	0.16	5.00	ug/L
71-43-2	Benzene	5.50		0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	14.7		0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	0.68	25.0	ug/L
108-88-3	Toluene	5.00	U	0.14	5.00	ug/L

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-16C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-09	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039002.D	1	08/21/25 23:16	VV082125

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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-16C-082025		SDG No.:	Q2924	
Lab Sample ID:	Q2924-09		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
VV039002.D	1	08/21/25 23:16	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	10.9	J		1.20	ug/L
007525-62-4	Benzene, 1-ethenyl-3-ethyl-	46.6	J		12.0	ug/L
002177-47-1	2-Methylindene	7.10	J		12.9	ug/L

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

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-8A-082025		SDG No.:	Q2924	
Lab Sample ID:	Q2924-10		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
VV039003.D	1	08/21/25 23:37	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.00	U	0.22	5.00	ug/L
74-87-3	Chloromethane	5.00	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	5.00	U	0.26	5.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	5.00	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	5.00	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	U	0.23	5.00	ug/L
67-64-1	Acetone	2.80	J	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	5.00	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	25.0	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	5.00	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	5.00	U	0.22	5.00	ug/L
67-66-3	Chloroform	5.00	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	5.00	U	0.16	5.00	ug/L
71-43-2	Benzene	5.00	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.49	J	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	0.68	25.0	ug/L
108-88-3	Toluene	5.00	U	0.14	5.00	ug/L

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-8A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-10	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039003.D	1	08/21/25 23:37	VV082125

[illegible]

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-8A-082025		SDG No.:	Q2924	
Lab Sample ID:	Q2924-10		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
VV039003.D	1	08/21/25 23:37	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	20.8	J		1.20	ug/L

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

Report of Analysis

Client:	AECOM		Date Collected:	08/20/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/20/25	
Client Sample ID:	FB-01-082025		SDG No.:	Q2924	
Lab Sample ID:	Q2924-11		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
VV038996.D	1	08/21/25 21:06	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.00	U	0.22	5.00	ug/L
74-87-3	Chloromethane	5.00	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	5.00	U	0.26	5.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	5.00	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	5.00	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	U	0.23	5.00	ug/L
67-64-1	Acetone	14.1	J	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	5.00	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	25.0	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	5.00	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	5.00	U	0.22	5.00	ug/L
67-66-3	Chloroform	5.00	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	5.00	U	0.16	5.00	ug/L
71-43-2	Benzene	5.00	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	5.00	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	0.68	25.0	ug/L
108-88-3	Toluene	5.00	U	0.14	5.00	ug/L

Report of Analysis

Client:	AECOM		Date Collected:	08/20/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/20/25	
Client Sample ID:	FB-01-082025		SDG No.:	Q2924	
Lab Sample ID:	Q2924-11		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
VV038996.D	1	08/21/25 21:06	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	5.00	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	5.00	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	5.00	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	25.0	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	5.00	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	5.00	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	5.00	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	5.00	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	5.00	U	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	10.0	U	0.24	10.0	ug/L
95-47-6	o-Xylene	5.00	U	0.12	5.00	ug/L
100-42-5	Styrene	5.00	U	0.15	5.00	ug/L
75-25-2	Bromoform	5.00	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	5.00	U	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	5.00	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.6		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	46.7		75 - 124	93%	SPK: 50
2037-26-5	Toluene-d8	44.6		86 - 113	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.7		77 - 121	83%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	585000	4.6			
540-36-3	1,4-Difluorobenzene	1080000	5.532			
3114-55-4	Chlorobenzene-d5	978000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	425000	11.175			

Report of Analysis

Client:	AECOM		Date Collected:	08/20/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/20/25	
Client Sample ID:	FB-01-082025		SDG No.:	Q2924	
Lab Sample ID:	Q2924-11		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
VV038996.D	1	08/21/25 21:06	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	AECOM		Date Collected:	08/15/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/20/25	
Client Sample ID:	TB		SDG No.:	Q2924	
Lab Sample ID:	Q2924-12		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
VV038995.D	1	08/21/25 20:45	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.00	U	0.22	5.00	ug/L
74-87-3	Chloromethane	5.00	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	5.00	U	0.26	5.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	5.00	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	5.00	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	U	0.23	5.00	ug/L
67-64-1	Acetone	25.0	U	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	5.00	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	25.0	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	5.00	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	5.00	U	0.22	5.00	ug/L
67-66-3	Chloroform	5.00	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	5.00	U	0.16	5.00	ug/L
71-43-2	Benzene	5.00	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	5.00	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	0.68	25.0	ug/L
108-88-3	Toluene	5.00	U	0.14	5.00	ug/L

Report of Analysis

Client:	AECOM		Date Collected:	08/15/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/20/25	
Client Sample ID:	TB		SDG No.:	Q2924	
Lab Sample ID:	Q2924-12		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
VV038995.D	1	08/21/25 20:45	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	5.00	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	5.00	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	5.00	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	25.0	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	5.00	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	5.00	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	5.00	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	5.00	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	5.00	U	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	10.0	U	0.24	10.0	ug/L
95-47-6	o-Xylene	5.00	U	0.12	5.00	ug/L
100-42-5	Styrene	5.00	U	0.15	5.00	ug/L
75-25-2	Bromoform	5.00	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	5.00	U	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	5.00	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.9		74 - 125	106%	SPK: 50
1868-53-7	Dibromofluoromethane	47.1		75 - 124	94%	SPK: 50
2037-26-5	Toluene-d8	45.1		86 - 113	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.6		77 - 121	81%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	588000	4.6			
540-36-3	1,4-Difluorobenzene	1060000	5.532			
3114-55-4	Chlorobenzene-d5	950000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	416000	11.175			

Report of Analysis

Client:	AECOM		Date Collected:	08/15/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/20/25	
Client Sample ID:	TB		SDG No.:	Q2924	
Lab Sample ID:	Q2924-12		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
VV038995.D	1	08/21/25 20:45	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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



QC SUMMARY

Surrogate Summary

SDG No.: **Q2924**

Client: **AECOM**

Analytical Method: **SW8260D**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q2924-01	MW-10C-082025	1,2-Dichloroethane-d4	50	54.8	110		74	125
		Dibromofluoromethane	50	46.5	93		75	124
		Toluene-d8	50	45.0	90		86	113
		4-Bromofluorobenzene	50	41.7	83		77	121
Q2924-02	MW-201-082025	1,2-Dichloroethane-d4	50	57.6	115		74	125
		Dibromofluoromethane	50	44.5	89		75	124
		Toluene-d8	50	44.9	90		86	113
		4-Bromofluorobenzene	50	55.7	111		77	121
Q2924-02DL	MW-201-082025DL	1,2-Dichloroethane-d4	50	59.8	120		74	125
		Dibromofluoromethane	50	44.9	90		75	124
		Toluene-d8	50	45.7	91		86	113
		4-Bromofluorobenzene	50	46.9	94		77	121
Q2924-02DL2	MW-201-082025DL2	1,2-Dichloroethane-d4	50	51.2	102		74	125
		Dibromofluoromethane	50	44.3	89		75	124
		Toluene-d8	50	44.2	88		86	113
		4-Bromofluorobenzene	50	46.6	93		77	121
Q2924-03MS	MW-201-082025MS	1,2-Dichloroethane-d4	50	50.4	101		74	125
		Dibromofluoromethane	50	44.4	89		75	124
		Toluene-d8	50	43.9	88		86	113
		4-Bromofluorobenzene	50	45.0	90		77	121
Q2924-04MSD	MW-201-082025MSD	1,2-Dichloroethane-d4	50	52.6	105		74	125
		Dibromofluoromethane	50	47.2	94		75	124
		Toluene-d8	50	44.3	89		86	113
		4-Bromofluorobenzene	50	60.7	121		77	121
Q2924-05	MW-2B-082025	1,2-Dichloroethane-d4	50	57.5	115		74	125
		Dibromofluoromethane	50	44.9	90		75	124
		Toluene-d8	50	43.4	87		86	113
		4-Bromofluorobenzene	50	54.0	108		77	121
Q2924-05DL	MW-2B-082025DL	1,2-Dichloroethane-d4	50	51.7	103		74	125
		Dibromofluoromethane	50	43.5	87		75	124
		Toluene-d8	50	43.7	87		86	113
		4-Bromofluorobenzene	50	47.5	95		77	121
Q2924-05DL2	MW-2B-082025DL2	1,2-Dichloroethane-d4	50	59.7	119		74	125
		Dibromofluoromethane	50	45.2	90		75	124
		Toluene-d8	50	44.9	90		86	113
		4-Bromofluorobenzene	50	45.2	90		77	121
Q2924-06	MW-2A-082025	1,2-Dichloroethane-d4	50	49.3	99		74	125
		Dibromofluoromethane	50	44.6	89		75	124
		Toluene-d8	50	44.0	88		86	113
		4-Bromofluorobenzene	50	41.9	84		77	121
Q2924-07	MW-18C-082025	1,2-Dichloroethane-d4	50	48.7	97		74	125
		Dibromofluoromethane	50	44.7	89		75	124
		Toluene-d8	50	44.0	88		86	113
		4-Bromofluorobenzene	50	44.2	88		77	121
Q2924-08	MW-16A-082025	1,2-Dichloroethane-d4	50	51.1	102		74	125
		Dibromofluoromethane	50	45.8	91		75	124
		Toluene-d8	50	44.4	89		86	113
		4-Bromofluorobenzene	50	44.8	89		77	121
Q2924-09	MW-16C-082025	1,2-Dichloroethane-d4	50	50.9	102		74	125
		Dibromofluoromethane	50	44.7	89		75	124

Surrogate Summary

SDG No.: Q2924

Client: AECOM

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q2924-09	MW-16C-082025	Toluene-d8	50	44.2	88		86	113
		4-Bromofluorobenzene	50	45.7	91		77	121
Q2924-10	MW-8A-082025	1,2-Dichloroethane-d4	50	51.0	102		74	125
		Dibromofluoromethane	50	45.0	90		75	124
		Toluene-d8	50	55.1	110		86	113
		4-Bromofluorobenzene	50	58.8	118		77	121
Q2924-11	FB-01-082025	1,2-Dichloroethane-d4	50	53.6	107		74	125
		Dibromofluoromethane	50	46.8	93		75	124
		Toluene-d8	50	44.6	89		86	113
		4-Bromofluorobenzene	50	41.7	83		77	121
Q2924-12	TB	1,2-Dichloroethane-d4	50	52.9	106		74	125
		Dibromofluoromethane	50	47.1	94		75	124
		Toluene-d8	50	45.1	90		86	113
		4-Bromofluorobenzene	50	40.6	81		77	121

Surrogate Summary

SDG No.: Q2924

Client: AECOM

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
VV0821WBL01	VV0821WBL01	1,2-Dichloroethane-d4	50	48.2	96		74	125
		Dibromofluoromethane	50	43.8	88		75	124
		Toluene-d8	50	43.4	87		86	113
		4-Bromofluorobenzene	50	42.3	85		77	121
VV0821WBS01	VV0821WBS01	1,2-Dichloroethane-d4	50	55.0	110		74	125
		Dibromofluoromethane	50	44.8	90		75	124
		Toluene-d8	50	49.6	99		86	113
		4-Bromofluorobenzene	50	48.8	98		77	121
VV0822WBL01	VV0822WBL01	1,2-Dichloroethane-d4	50	60.0	120		74	125
		Dibromofluoromethane	50	47.4	95		75	124
		Toluene-d8	50	47.7	95		86	113
		4-Bromofluorobenzene	50	49.3	99		77	121
VV0822WBS01	VV0822WBS01	1,2-Dichloroethane-d4	50	48.5	97		74	125
		Dibromofluoromethane	50	46.0	92		75	124
		Toluene-d8	50	46.3	93		86	113
		4-Bromofluorobenzene	50	48.5	97		77	121

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2924

Analytical Method:

SW8260D

Client: AECOM

Datafile :

VV039005.D

		Sample				Rec	RPD		Limits		
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID :	Q2924-03MS	Client Sample ID :	MW-201-082025MS								
Dichlorodifluoromethane	50	0	38.4	ug/L	77				73	120	
Chloromethane	50	0	32.4	ug/L	65				58	133	
Vinyl chloride	50	0	39.7	ug/L	79				69	125	
Bromomethane	50	0	24.9	ug/L	50				28	165	
Chloroethane	50	0	52.0	ug/L	104				70	141	
Trichlorofluoromethane	50	0	45.7	ug/L	91				72	124	
1,1,2-Trichlorotrifluoroethane	50	0	44.6	ug/L	89				75	117	
1,1-Dichloroethene	50	0	49.2	ug/L	98				53	162	
Acetone	250	0	210	ug/L	84				44	150	
Carbon disulfide	50	0	47.5	ug/L	95				44	135	
Methyl tert-butyl Ether	50	0.92	55.4	ug/L	109				82	133	
Methyl Acetate	50	0	47.7	ug/L	95				76	138	
Methylene Chloride	50	0	43.3	ug/L	87				79	115	
trans-1,2-Dichloroethene	50	210	220	ug/L	20	*			76	118	
1,1-Dichloroethane	50	0	42.5	ug/L	85				78	122	
Cyclohexane	50	0	41.1	ug/L	82				71	119	
2-Butanone	250	0	230	ug/L	92				67	137	
Carbon Tetrachloride	50	0	42.2	ug/L	84				66	133	
cis-1,2-Dichloroethene	50	150	170	ug/L	40	*			82	124	
Bromochloromethane	50	0	45.2	ug/L	90				72	130	
Chloroform	50	0	41.8	ug/L	84				83	119	
1,1,1-Trichloroethane	50	0	42.5	ug/L	85				83	117	
Methylcyclohexane	50	0	45.2	ug/L	90				64	120	
Benzene	50	1700	1600	ug/L	-200	*			81	128	
1,2-Dichloroethane	50	0	180	ug/L	360	*			76	120	
Trichloroethene	50	26.9	74.0	ug/L	94				28	175	
1,2-Dichloropropane	50	0	40.8	ug/L	82	*			85	116	
Bromodichloromethane	50	0	40.6	ug/L	81				54	157	
4-Methyl-2-Pentanone	250	0	220	ug/L	88				72	137	
Toluene	50	3400	3300	ug/L	-200	*			85	115	
t-1,3-Dichloropropene	50	0	41.0	ug/L	82				60	141	
cis-1,3-Dichloropropene	50	0	42.6	ug/L	85				36	161	
1,1,2-Trichloroethane	50	0	37.2	ug/L	74				27	175	
2-Hexanone	250	0	160	ug/L	64	*			75	131	
Dibromochloromethane	50	0	38.7	ug/L	77				59	164	
1,2-Dibromoethane	50	0	39.9	ug/L	80	*			85	119	
Tetrachloroethene	50	0	43.7	ug/L	87				48	153	
Chlorobenzene	50	0	44.2	ug/L	88				85	114	
Ethyl Benzene	50	650	650	ug/L	0	*			81	128	
m/p-Xylenes	100	2400	2300	ug/L	-100	*			69	129	
o-Xylene	50	2500	2200	ug/L	-600	*			75	127	
Styrene	50	1900	1800	ug/L	-200	*			84	128	
Bromoform	50	0	45.4	ug/L	91				73	147	
Isopropylbenzene	50	8.40	43.6	ug/L	70	*			76	121	
1,1,2,2-Tetrachloroethane	50	0	28.9	ug/L	58	*			81	131	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2924

Analytical Method: SW8260D

Client: AECOM

Datafile : VV039005.D

Parameter	Spike	Sample	Result	Units	Rec			RPD	Limits		
		Result			Rec	Qual	RPD	Qual	Low	High	RPD
1,3-Dichlorobenzene	50	0	45.0	ug/L	90				84	110	
1,4-Dichlorobenzene	50	0	43.8	ug/L	88				81	111	
1,2-Dichlorobenzene	50	0	46.1	ug/L	92				82	113	
1,2-Dibromo-3-Chloropropane	50	0	46.0	ug/L	92				79	137	
1,2,4-Trichlorobenzene	50	0	51.9	ug/L	104				73	120	
1,2,3-Trichlorobenzene	50	0	51.6	ug/L	103				75	119	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2924

Analytical Method:

SW8260D

Client: AECOM

Datafile :

VV039006.D

Parameter	Spike	Sample	Result	Units	Rec		RPD		Limits		RPD
		Result			Qual	RPD	Qual	Low	High		
Lab Sample ID :	Q2924-04MSD	Client Sample ID :	MW-201-082025MSD								
Dichlorodifluoromethane	50	0	44.7	ug/L	89		15		73	120	20
Chloromethane	50	0	49.3	ug/L	99		41	*	58	133	20
Vinyl chloride	50	0	57.5	ug/L	115		37	*	69	125	20
Bromomethane	50	0	31.1	ug/L	62		22	*	28	165	20
Chloroethane	50	0	60.7	ug/L	121		15		70	141	20
Trichlorofluoromethane	50	0	47.5	ug/L	95		4		72	124	20
1,1,2-Trichlorotrifluoroethane	50	0	44.0	ug/L	88		1		75	117	20
1,1-Dichloroethene	50	0	54.6	ug/L	109		10		53	162	20
Acetone	250	0	260	ug/L	104		21	*	44	150	20
Carbon disulfide	50	0	55.4	ug/L	111		15		44	135	20
Methyl tert-butyl Ether	50	0.92	67.5	ug/L	133		20		82	133	20
Methyl Acetate	50	0	61.9	ug/L	124		26	*	76	138	20
Methylene Chloride	50	0	53.6	ug/L	107		21	*	79	115	20
trans-1,2-Dichloroethene	50	210	250	ug/L	80		120	*	76	118	20
1,1-Dichloroethane	50	0	49.1	ug/L	98		14		78	122	20
Cyclohexane	50	0	38.3	ug/L	77		7		71	119	20
2-Butanone	250	0	260	ug/L	104		12		67	137	20
Carbon Tetrachloride	50	0	41.8	ug/L	84		1		66	133	20
cis-1,2-Dichloroethene	50	150	180	ug/L	60	*	40	*	82	124	20
Bromochloromethane	50	0	47.4	ug/L	95		5		72	130	20
Chloroform	50	0	44.9	ug/L	90		7		83	119	20
1,1,1-Trichloroethane	50	0	43.5	ug/L	87		2		83	117	20
Methylcyclohexane	50	0	38.9	ug/L	78		15		64	120	20
Benzene	50	1700	1600	ug/L	-200	*	0		81	128	20
1,2-Dichloroethane	50	0	180	ug/L	360	*	0		76	120	20
Trichloroethene	50	26.9	72.9	ug/L	92		2		28	175	20
1,2-Dichloropropane	50	0	43.1	ug/L	86		5		85	116	20
Bromodichloromethane	50	0	43.1	ug/L	86		6		54	157	20
4-Methyl-2-Pentanone	250	0	230	ug/L	92		4		72	137	20
Toluene	50	3400	3200	ug/L	-400	*	67	*	85	115	20
t-1,3-Dichloropropene	50	0	43.6	ug/L	87		6		60	141	20
cis-1,3-Dichloropropene	50	0	45.0	ug/L	90		5		36	161	20
1,1,2-Trichloroethane	50	0	39.4	ug/L	79		6		27	175	20
2-Hexanone	250	0	170	ug/L	68	*	6		75	131	20
Dibromochloromethane	50	0	41.3	ug/L	83		6		59	164	20
1,2-Dibromoethane	50	0	42.9	ug/L	86		7		85	119	20
Tetrachloroethene	50	0	44.9	ug/L	90		3		48	153	20
Chlorobenzene	50	0	45.7	ug/L	91		3		85	114	20
Ethyl Benzene	50	650	650	ug/L	0	*	200	*	81	128	20
m/p-Xylenes	100	2400	2300	ug/L	-100	*	0		69	129	20
o-Xylene	50	2500	2500	ug/L	0	*	200	*	75	127	20
Styrene	50	1900	1900	ug/L	0	*	200	*	84	128	20
Bromoform	50	0	62.5	ug/L	125		32	*	73	147	20
Isopropylbenzene	50	8.40	61.7	ug/L	107		42	*	76	121	20
1,1,2,2-Tetrachloroethane	50	0	48.4	ug/L	97		50	*	81	131	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2924

Analytical Method: SW8260D

Client: AECOM

Datafile : VV039006.D

Parameter	Spike	Sample Result	Result	Units	Rec		RPD		Limits		RPD
					Rec	Qual	RPD	Qual	Low	High	
1,3-Dichlorobenzene	50	0	49.8	ug/L	100		10		84	110	20
1,4-Dichlorobenzene	50	0	46.8	ug/L	94		7		81	111	20
1,2-Dichlorobenzene	50	0	51.5	ug/L	103		11		82	113	20
1,2-Dibromo-3-Chloropropane	50	0	61.3	ug/L	123		29	*	79	137	20
1,2,4-Trichlorobenzene	50	0	55.9	ug/L	112		7		73	120	20
1,2,3-Trichlorobenzene	50	0	55.4	ug/L	111		7		75	119	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:	<u>Q2924</u>	SW-846	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>AECOM</u>		Datafile :	<u>VV038985.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VV0821WBS01	Dichlorodifluoromethane	20	17.3	ug/L	86			69	116	
	Chloromethane	20	15.8	ug/L	79			65	116	
	Vinyl chloride	20	16.0	ug/L	80			65	117	
	Bromomethane	20	19.0	ug/L	95			58	125	
	Chloroethane	20	19.4	ug/L	97			56	128	
	Trichlorofluoromethane	20	19.0	ug/L	95			73	115	
	1,1,2-Trichlorotrifluoroethane	20	18.6	ug/L	93			80	112	
	1,1-Dichloroethene	20	19.2	ug/L	96			74	110	
	Acetone	100	94.1	ug/L	94			60	125	
	Carbon disulfide	20	19.2	ug/L	96			64	112	
	Methyl tert-butyl Ether	20	20.3	ug/L	102			78	114	
	Methyl Acetate	20	20.6	ug/L	103			67	125	
	Methylene Chloride	20	18.7	ug/L	94			72	114	
	trans-1,2-Dichloroethene	20	18.9	ug/L	95			75	108	
	1,1-Dichloroethane	20	17.8	ug/L	89			78	112	
	Cyclohexane	20	18.2	ug/L	91			75	110	
	2-Butanone	100	94.3	ug/L	94			65	122	
	Carbon Tetrachloride	20	16.5	ug/L	83			77	113	
	cis-1,2-Dichloroethene	20	17.9	ug/L	90			77	110	
	Bromochloromethane	20	16.0	ug/L	80			70	124	
	Chloroform	20	18.1	ug/L	91			79	113	
	1,1,1-Trichloroethane	20	17.6	ug/L	88			80	108	
	Methylcyclohexane	20	18.7	ug/L	94			72	115	
	Benzene	20	19.2	ug/L	96			82	109	
	1,2-Dichloroethane	20	18.4	ug/L	92			80	115	
	Trichloroethene	20	18.0	ug/L	90			77	113	
	1,2-Dichloropropane	20	19.4	ug/L	97			83	111	
	Bromodichloromethane	20	18.1	ug/L	91			83	110	
	4-Methyl-2-Pentanone	100	110	ug/L	110			74	118	
	Toluene	20	19.4	ug/L	97			82	110	
	t-1,3-Dichloropropene	20	17.9	ug/L	90			79	110	
	cis-1,3-Dichloropropene	20	19.5	ug/L	98			82	110	
	1,1,2-Trichloroethane	20	17.6	ug/L	88			83	112	
	2-Hexanone	100	82.7	ug/L	83			73	117	
	Dibromochloromethane	20	17.2	ug/L	86			82	110	
	1,2-Dibromoethane	20	18.3	ug/L	92			81	110	
	Tetrachloroethene	20	18.6	ug/L	93			67	123	
	Chlorobenzene	20	18.0	ug/L	90			82	109	
	Ethyl Benzene	20	19.1	ug/L	96			83	109	
	m/p-Xylenes	40	36.4	ug/L	91			82	110	
	o-Xylene	20	19.6	ug/L	98			83	109	
	Styrene	20	20.4	ug/L	102			80	111	
	Bromoform	20	18.6	ug/L	93			79	109	
	Isopropylbenzene	20	19.7	ug/L	99			83	112	
	1,1,2,2-Tetrachloroethane	20	17.8	ug/L	89			76	118	
	1,3-Dichlorobenzene	20	18.6	ug/L	93			82	108	
	1,4-Dichlorobenzene	20	18.8	ug/L	94			82	107	
	1,2-Dichlorobenzene	20	18.6	ug/L	93			82	109	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2924</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>AECOM</u>	Datafile :	<u>VV038985.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VV0821WBS01	1,2-Dibromo-3-Chloropropane	20	19.1	ug/L	96			68	112	
	1,2,4-Trichlorobenzene	20	17.0	ug/L	85			75	113	
	1,2,3-Trichlorobenzene	20	18.4	ug/L	92			76	114	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:	Q2924	SW-846	Analytical Method:	SW8260-Low
Client:	AECOM		Datafile :	VV039011.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VV0822WBS01	Dichlorodifluoromethane	20	16.0	ug/L	80			69	116	
	Chloromethane	20	15.7	ug/L	79			65	116	
	Vinyl chloride	20	16.7	ug/L	84			65	117	
	Bromomethane	20	19.2	ug/L	96			58	125	
	Chloroethane	20	21.3	ug/L	106			56	128	
	Trichlorofluoromethane	20	18.7	ug/L	94			73	115	
	1,1,2-Trichlorotrifluoroethane	20	20.1	ug/L	101			80	112	
	1,1-Dichloroethene	20	21.7	ug/L	109			74	110	
	Acetone	100	120	ug/L	120			60	125	
	Carbon disulfide	20	22.2	ug/L	111			64	112	
	Methyl tert-butyl Ether	20	23.6	ug/L	118		*	78	114	
	Methyl Acetate	20	26.9	ug/L	135		*	67	125	
	Methylene Chloride	20	20.7	ug/L	104			72	114	
	trans-1,2-Dichloroethene	20	21.7	ug/L	109		*	75	108	
	1,1-Dichloroethane	20	20.8	ug/L	104			78	112	
	Cyclohexane	20	21.4	ug/L	107			75	110	
	2-Butanone	100	120	ug/L	120			65	122	
	Carbon Tetrachloride	20	16.1	ug/L	81			77	113	
	cis-1,2-Dichloroethene	20	20.9	ug/L	104			77	110	
	Bromochloromethane	20	25.1	ug/L	126		*	70	124	
	Chloroform	20	19.1	ug/L	96			79	113	
	1,1,1-Trichloroethane	20	17.7	ug/L	89			80	108	
	Methylcyclohexane	20	19.8	ug/L	99			72	115	
	Benzene	20	19.4	ug/L	97			82	109	
	1,2-Dichloroethane	20	17.5	ug/L	88			80	115	
	Trichloroethene	20	17.6	ug/L	88			77	113	
	1,2-Dichloropropane	20	19.5	ug/L	98			83	111	
	Bromodichloromethane	20	17.6	ug/L	88			83	110	
	4-Methyl-2-Pentanone	100	110	ug/L	110			74	118	
	Toluene	20	19.6	ug/L	98			82	110	
	t-1,3-Dichloropropene	20	18.8	ug/L	94			79	110	
	cis-1,3-Dichloropropene	20	20.1	ug/L	101			82	110	
	1,1,2-Trichloroethane	20	17.6	ug/L	88			83	112	
	2-Hexanone	100	85.6	ug/L	86			73	117	
	Dibromochloromethane	20	16.8	ug/L	84			82	110	
	1,2-Dibromoethane	20	18.3	ug/L	92			81	110	
	Tetrachloroethene	20	18.3	ug/L	92			67	123	
	Chlorobenzene	20	18.8	ug/L	94			82	109	
	Ethyl Benzene	20	20.7	ug/L	104			83	109	
	m/p-Xylenes	40	41.0	ug/L	103			82	110	
	o-Xylene	20	20.8	ug/L	104			83	109	
	Styrene	20	21.4	ug/L	107			80	111	
	Bromoform	20	17.7	ug/L	89			79	109	
	Isopropylbenzene	20	21.5	ug/L	108			83	112	
	1,1,2,2-Tetrachloroethane	20	18.5	ug/L	93			76	118	
	1,3-Dichlorobenzene	20	19.6	ug/L	98			82	108	
	1,4-Dichlorobenzene	20	18.7	ug/L	94			82	107	
	1,2-Dichlorobenzene	20	19.4	ug/L	97			82	109	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2924</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>AECOM</u>	Datafile :	<u>VV039011.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VV0822WBS01	1,2-Dibromo-3-Chloropropane	20	21.2	ug/L	106			68	112	
	1,2,4-Trichlorobenzene	20	19.9	ug/L	100			75	113	
	1,2,3-Trichlorobenzene	20	19.9	ug/L	100			76	114	

VOLATILE METHOD BLANK SUMMARY

Client ID

VV0821WBL01

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q2924

Lab File ID: VV038984.D

Lab Sample ID: VV0821WBL01

Date Analyzed: 08/21/2025

Time Analyzed: 16:34

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_V

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VV0821WBS01	VV0821WBS01	VV038985.D	08/21/2025
TB	Q2924-12	VV038995.D	08/21/2025
FB-01-082025	Q2924-11	VV038996.D	08/21/2025
MW-10C-082025	Q2924-01	VV038997.D	08/21/2025
MW-2B-082025	Q2924-05	VV038998.D	08/21/2025
MW-2A-082025	Q2924-06	VV038999.D	08/21/2025
MW-18C-082025	Q2924-07	VV039000.D	08/21/2025
MW-16A-082025	Q2924-08	VV039001.D	08/21/2025
MW-16C-082025	Q2924-09	VV039002.D	08/21/2025
MW-8A-082025	Q2924-10	VV039003.D	08/21/2025
MW-201-082025	Q2924-02	VV039004.D	08/21/2025
MW-201-082025MS	Q2924-03MS	VV039005.D	08/22/2025
MW-201-082025MSD	Q2924-04MSD	VV039006.D	08/22/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

Client ID

VV0822WBL01

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q2924

Lab File ID: VV039010.D

Lab Sample ID: VV0822WBL01

Date Analyzed: 08/22/2025

Time Analyzed: 10:55

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_V

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VV0822WBS01	VV0822WBS01	VV039011.D	08/22/2025
MW-2B-082025DL	Q2924-05DL	VV039014.D	08/22/2025
MW-201-082025DL	Q2924-02DL	VV039015.D	08/22/2025
MW-2B-082025DL2	Q2924-05DL2	VV039017.D	08/22/2025
MW-201-082025DL2	Q2924-02DL2	VV039018.D	08/22/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: VV038972.D
Instrument ID: MSVOA_V
GC Column: DB-624UI ID: 0.18 (mm)

Contract: AECO02
SDG NO.: Q2924
BFB Injection Date: 08/21/2025
BFB Injection Time: 08:34
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.6
75	30.0 - 60.0% of mass 95	48.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	1.5 (1.9) 1
174	50.0 - 100.0% of mass 95	80.3
175	5.0 - 9.0% of mass 174	6.1 (7.6) 1
176	95.0 - 101.0% of mass 174	79.3 (98.8) 1
177	5.0 - 9.0% of mass 176	5.3 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC001	VSTDIC001	VV038973.D	08/21/2025	09:05
VSTDIC005	VSTDIC005	VV038974.D	08/21/2025	09:48
VSTDIC020	VSTDIC020	VV038975.D	08/21/2025	10:17
VSTDIC050	VSTDIC050	VV038976.D	08/21/2025	10:38
VSTDIC100	VSTDIC100	VV038977.D	08/21/2025	11:02
VSTDIC010	VSTDIC010	VV038979.D	08/21/2025	11:45

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q2924

Lab File ID: VV038981.D

BFB Injection Date: 08/21/2025

Instrument ID: MSVOA_V

BFB Injection Time: 15:11

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16
75	30.0 - 60.0% of mass 95	50.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.4
173	Less than 2.0% of mass 174	1.5 (1.8) 1
174	50.0 - 100.0% of mass 95	83.7
175	5.0 - 9.0% of mass 174	6.2 (7.4) 1
176	95.0 - 101.0% of mass 174	81.8 (97.8) 1
177	5.0 - 9.0% of mass 176	5.2 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VV038982.D	08/21/2025	15:42
VV0821WBL01	VV0821WBL01	VV038984.D	08/21/2025	16:34
VV0821WBS01	VV0821WBS01	VV038985.D	08/21/2025	17:09
TB	Q2924-12	VV038995.D	08/21/2025	20:45
FB-01-082025	Q2924-11	VV038996.D	08/21/2025	21:06
MW-10C-082025	Q2924-01	VV038997.D	08/21/2025	21:28
MW-2B-082025	Q2924-05	VV038998.D	08/21/2025	21:49
MW-2A-082025	Q2924-06	VV038999.D	08/21/2025	22:11
MW-18C-082025	Q2924-07	VV039000.D	08/21/2025	22:33
MW-16A-082025	Q2924-08	VV039001.D	08/21/2025	22:54
MW-16C-082025	Q2924-09	VV039002.D	08/21/2025	23:16
MW-8A-082025	Q2924-10	VV039003.D	08/21/2025	23:37
MW-201-082025	Q2924-02	VV039004.D	08/21/2025	23:59
MW-201-082025MS	Q2924-03MS	VV039005.D	08/22/2025	00:20
MW-201-082025MSD	Q2924-04MSD	VV039006.D	08/22/2025	00:42

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: VV039008.D
Instrument ID: MSVOA_V
GC Column: DB-624UI ID: 0.18 (mm)

Contract: AECO02
SDG NO.: Q2924
BFB Injection Date: 08/22/2025
BFB Injection Time: 07:56
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.3
75	30.0 - 60.0% of mass 95	48.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.8 (1.1) 1
174	50.0 - 100.0% of mass 95	72
175	5.0 - 9.0% of mass 174	5.8 (8) 1
176	95.0 - 101.0% of mass 174	68.9 (95.8) 1
177	5.0 - 9.0% of mass 176	4.2 (6.1) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VV039009.D	08/22/2025	09:03
VV0822WBL01	VV0822WBL01	VV039010.D	08/22/2025	10:55
VV0822WBS01	VV0822WBS01	VV039011.D	08/22/2025	11:22
MW-2B-082025DL	Q2924-05DL	VV039014.D	08/22/2025	13:48
MW-201-082025DL	Q2924-02DL	VV039015.D	08/22/2025	14:10
MW-2B-082025DL2	Q2924-05DL2	VV039017.D	08/22/2025	15:06
MW-201-082025DL2	Q2924-02DL2	VV039018.D	08/22/2025	15:27

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2924</u>
Lab File ID:	<u>VV038982.D</u>	Date Analyzed:	<u>08/21/2025</u>
Instrument ID:	<u>MSVOA_V</u>	Time Analyzed:	<u>15:42</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)
		Heated Purge:	(Y/N) <u>N</u>

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	531490	4.60	833989	5.53	788137	8.77
UPPER LIMIT	1062980	5.096	1667980	6.029	1576270	9.273
LOWER LIMIT	265745	4.096	416995	5.029	394069	8.273
EPA SAMPLE NO.						
MW-10C-082025	584771	4.60	1064789	5.53	974990	8.78
MW-201-082025	456156	4.61	816696	5.54	704493	8.78
MW-201-082025MS	528363	4.60	848358	5.54	744435	8.78
MW-201-082025MSD	516721	4.60	845786	5.53	728229	8.78
MW-2B-082025	444034	4.60	845792	5.53	758397	8.78
MW-2A-082025	650572	4.60	1153105	5.53	1016294	8.78
MW-18C-082025	671823	4.60	1168529	5.53	1007735	8.78
MW-16A-082025	676464	4.60	1214643	5.53	1082468	8.78
MW-16C-082025	675326	4.60	1219427	5.53	1080769	8.78
MW-8A-082025	403960	4.60	696194	5.53	801104	8.78
FB-01-082025	585262	4.60	1084020	5.53	978319	8.78
TB	587684	4.60	1058155	5.53	949705	8.78
VV0821WBL01	502511	4.60	836910	5.53	730493	8.78
VV0821WBS01	490499	4.60	863998	5.53	809489	8.77

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2924</u>
Lab File ID:	<u>VV038982.D</u>	Date Analyzed:	<u>08/21/2025</u>
Instrument ID:	<u>MSVOA_V</u>	Time Analyzed:	<u>15:42</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)
		Heated Purge:	(Y/N) <u>N</u>

	IS4 AREA #	RT #				
12 HOUR STD	452177	11.172				
UPPER LIMIT	904354	11.672				
LOWER LIMIT	226089	10.672				
EPA SAMPLE NO.						
MW-10C-082025	354625	11.18				
MW-201-082025	442841	11.18				
MW-201-082025MS	531973	11.18				
MW-201-082025MSD	478184	11.18				
MW-2B-082025	411561	11.18				
MW-2A-082025	448609	11.18				
MW-18C-082025	449215	11.18				
MW-16A-082025	493806	11.18				
MW-16C-082025	439427	11.17				
MW-8A-082025	375249	11.18				
FB-01-082025	424569	11.18				
TB	415869	11.18				
VV0821WBL01	318475	11.18				
VV0821WBS01	439751	11.17				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: AECO02
Lab Code: ACE SDG NO.: Q2924
Lab File ID: VV039009.D Date Analyzed: 08/22/2025
Instrument ID: MSVOA_V Time Analyzed: 09:03
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	735484	4.60	1263800	5.53	1133330	8.77
UPPER LIMIT	1470970	5.097	2527600	6.029	2266660	9.273
LOWER LIMIT	367742	4.097	631899	5.029	566665	8.273
EPA SAMPLE NO.						
MW-201-082025DL	581936	4.60	1169048	5.53	1041283	8.78
MW-201-082025DL2	766342	4.60	1437458	5.53	1305700	8.77
MW-2B-082025DL	617177	4.60	1163830	5.53	1033790	8.78
MW-2B-082025DL2	582933	4.60	1168109	5.53	1042248	8.77
VV0822WBL01	530331	4.60	1082642	5.53	991839	8.78
VV0822WBS01	711068	4.60	1223613	5.53	1111109	8.77

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2924</u>
Lab File ID:	<u>VV039009.D</u>	Date Analyzed:	<u>08/22/2025</u>
Instrument ID:	<u>MSVOA_V</u>	Time Analyzed:	<u>09:03</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)
		Heated Purge:	(Y/N) <u>N</u>

	IS4 AREA #	RT #				
12 HOUR STD	587247	11.172				
UPPER LIMIT	1174490	11.672				
LOWER LIMIT	293624	10.672				
EPA SAMPLE NO.						
MW-201-082025DL	510275	11.17				
MW-201-082025DL2	617094	11.17				
MW-2B-082025DL	477379	11.17				
MW-2B-082025DL2	457197	11.17				
VV0822WBL01	416909	11.18				
VV0822WBS01	587275	11.17				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



QC SAMPLE DATA

Report of Analysis

Client:	AECOM		Date Collected:	
Project:	National Grid Equity - Brooklyn NY		Date Received:	
Client Sample ID:	VV0821WBL01	SDG No.:	Q2924	
Lab Sample ID:	VV0821WBL01	Matrix:	Water	
Analytical Method:	8260D	% Solid:	0	
Sample Wt/Vol:	5	Units:	mL	
Soil Aliquot Vol:			uL	
GC Column:	DB-624UI	ID :	0.18	
Prep Method :		Level :	LOW	
		Final Vol:	5000	uL
		Test:	VOC-TCLVOA-10	

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV038984.D	1	08/21/25 16:34	VV082125

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

Report of Analysis

Client:	AECOM		Date Collected:	
Project:	National Grid Equity - Brooklyn NY		Date Received:	
Client Sample ID:	VV0821WBL01	SDG No.:	Q2924	
Lab Sample ID:	VV0821WBL01	Matrix:	Water	
Analytical Method:	8260D	% Solid:	0	
Sample Wt/Vol:	5	Units:	mL	
Soil Aliquot Vol:			uL	
GC Column:	DB-624UI	ID :	0.18	
Prep Method :		Level :	LOW	
		Final Vol:	5000	uL
		Test:	VOC-TCLVOA-10	

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV038984.D	1	08/21/25 16:34	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	1.00	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	1.00	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	5.00	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	1.00	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	1.00	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	1.00	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	1.00	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	1.00	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	2.00	U	0.24	2.00	ug/L
95-47-6	o-Xylene	1.00	U	0.12	1.00	ug/L
100-42-5	Styrene	1.00	U	0.15	1.00	ug/L
75-25-2	Bromoform	1.00	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	1.00	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	1.00	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.00	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.2		74 - 125	96%	SPK: 50
1868-53-7	Dibromofluoromethane	43.8		75 - 124	88%	SPK: 50
2037-26-5	Toluene-d8	43.4		86 - 113	87%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.3		77 - 121	85%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	503000	4.6			
540-36-3	1,4-Difluorobenzene	837000	5.532			
3114-55-4	Chlorobenzene-d5	730000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	318000	11.175			

Report of Analysis

Client:	AECOM		Date Collected:	
Project:	National Grid Equity - Brooklyn NY		Date Received:	
Client Sample ID:	VV0821WBL01		SDG No.:	Q2924
Lab Sample ID:	VV0821WBL01		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
VV038984.D	1	08/21/25 16:34	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	AECOM		Date Collected:	
Project:	National Grid Equity - Brooklyn NY		Date Received:	
Client Sample ID:	VV0822WBL01	SDG No.:	Q2924	
Lab Sample ID:	VV0822WBL01	Matrix:	Water	
Analytical Method:	8260D	% Solid:	0	
Sample Wt/Vol:	5	Units:	mL	
Soil Aliquot Vol:			uL	
GC Column:	DB-624UI	ID :	0.18	
Prep Method :		Level :	LOW	
		Final Vol:	5000	uL
		Test:	VOC-TCLVOA-10	

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039010.D	1	08/22/25 10:55	VV082225

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

Report of Analysis

Client:	AECOM		Date Collected:		
Project:	National Grid Equity - Brooklyn NY		Date Received:		
Client Sample ID:	VV0822WBL01		SDG No.:	Q2924	
Lab Sample ID:	VV0822WBL01		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
VV039010.D	1	08/22/25 10:55	VV082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	1.00	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	1.00	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	5.00	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	1.00	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	1.00	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	1.00	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	1.00	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	1.00	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	2.00	U	0.24	2.00	ug/L
95-47-6	o-Xylene	1.00	U	0.12	1.00	ug/L
100-42-5	Styrene	1.00	U	0.15	1.00	ug/L
75-25-2	Bromoform	1.00	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	1.00	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	1.00	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.00	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	60.0		74 - 125	120%	SPK: 50
1868-53-7	Dibromofluoromethane	47.4		75 - 124	95%	SPK: 50
2037-26-5	Toluene-d8	47.7		86 - 113	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.3		77 - 121	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	530000	4.603			
540-36-3	1,4-Difluorobenzene	1080000	5.532			
3114-55-4	Chlorobenzene-d5	992000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	417000	11.175			

Report of Analysis

Client:	AECOM		Date Collected:	
Project:	National Grid Equity - Brooklyn NY		Date Received:	
Client Sample ID:	VV0822WBL01		SDG No.:	Q2924
Lab Sample ID:	VV0822WBL01		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
VV039010.D	1	08/22/25 10:55	VV082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	AECOM		Date Collected:		
Project:	National Grid Equity - Brooklyn NY		Date Received:		
Client Sample ID:	VV0821WBS01		SDG No.:	Q2924	
Lab Sample ID:	VV0821WBS01		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
VV038985.D	1	08/21/25 17:09	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	17.3		0.22	1.00	ug/L
74-87-3	Chloromethane	15.8		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	16.0		0.26	1.00	ug/L
74-83-9	Bromomethane	19.0		1.40	5.00	ug/L
75-00-3	Chloroethane	19.4		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.0		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.6		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.2		0.23	1.00	ug/L
67-64-1	Acetone	94.1		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	19.2		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.3		0.16	1.00	ug/L
79-20-9	Methyl Acetate	20.6		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.7		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.9		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	17.8		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.2		1.50	5.00	ug/L
78-93-3	2-Butanone	94.3		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	16.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	17.9		0.19	1.00	ug/L
74-97-5	Bromochloromethane	16.0		0.22	1.00	ug/L
67-66-3	Chloroform	18.1		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	17.6		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.7		0.16	1.00	ug/L
71-43-2	Benzene	19.2		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.4		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.0		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.4		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	18.1		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L
108-88-3	Toluene	19.4		0.14	1.00	ug/L

Report of Analysis

Client:	AECOM		Date Collected:	
Project:	National Grid Equity - Brooklyn NY		Date Received:	
Client Sample ID:	VV0821WBS01	SDG No.:	Q2924	
Lab Sample ID:	VV0821WBS01	Matrix:	Water	
Analytical Method:	8260D	% Solid:	0	
Sample Wt/Vol:	5	Units:	mL	
Soil Aliquot Vol:			uL	
GC Column:	DB-624UI	ID :	0.18	
Prep Method :		Level :	LOW	
		Final Vol:	5000	uL
		Test:	VOC-TCLVOA-10	

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV038985.D	1	08/21/25 17:09	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	17.9		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.5		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	17.6		0.21	1.00	ug/L
591-78-6	2-Hexanone	82.7		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	17.2		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.3		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.6		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.0		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.1		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	36.4		0.24	2.00	ug/L
95-47-6	o-Xylene	19.6		0.12	1.00	ug/L
100-42-5	Styrene	20.4		0.15	1.00	ug/L
75-25-2	Bromoform	18.6		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.7		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	17.8		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.6		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.8		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.6		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.1		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.0		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.4		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.0		74 - 125	110%	SPK: 50
1868-53-7	Dibromofluoromethane	44.8		75 - 124	90%	SPK: 50
2037-26-5	Toluene-d8	49.6		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.8		77 - 121	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	490000	4.597			
540-36-3	1,4-Difluorobenzene	864000	5.529			
3114-55-4	Chlorobenzene-d5	809000	8.773			
3855-82-1	1,4-Dichlorobenzene-d4	440000	11.172			

Report of Analysis

Client:	AECOM		Date Collected:	
Project:	National Grid Equity - Brooklyn NY		Date Received:	
Client Sample ID:	VV0821WBS01		SDG No.:	Q2924
Lab Sample ID:	VV0821WBS01		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
VV038985.D	1	08/21/25 17:09	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	AECOM		Date Collected:		
Project:	National Grid Equity - Brooklyn NY		Date Received:		
Client Sample ID:	VV0822WBS01		SDG No.:	Q2924	
Lab Sample ID:	VV0822WBS01		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
VV039011.D	1	08/22/25 11:22	VV082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	16.0		0.22	1.00	ug/L
74-87-3	Chloromethane	15.7		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	16.7		0.26	1.00	ug/L
74-83-9	Bromomethane	19.2		1.40	5.00	ug/L
75-00-3	Chloroethane	21.3		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.7		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.1		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	21.7		0.23	1.00	ug/L
67-64-1	Acetone	120		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	22.2		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	23.6		0.16	1.00	ug/L
79-20-9	Methyl Acetate	26.9		0.27	1.00	ug/L
75-09-2	Methylene Chloride	20.7		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	21.7		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.8		0.23	1.00	ug/L
110-82-7	Cyclohexane	21.4		1.50	5.00	ug/L
78-93-3	2-Butanone	120		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	16.1		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.9		0.19	1.00	ug/L
74-97-5	Bromochloromethane	25.1		0.22	1.00	ug/L
67-66-3	Chloroform	19.1		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	17.7		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	19.8		0.16	1.00	ug/L
71-43-2	Benzene	19.4		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	17.5		0.22	1.00	ug/L
79-01-6	Trichloroethene	17.6		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.5		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	17.6		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L
108-88-3	Toluene	19.6		0.14	1.00	ug/L

Report of Analysis

Client:	AECOM		Date Collected:	
Project:	National Grid Equity - Brooklyn NY		Date Received:	
Client Sample ID:	VV0822WBS01	SDG No.:	Q2924	
Lab Sample ID:	VV0822WBS01	Matrix:	Water	
Analytical Method:	8260D	% Solid:	0	
Sample Wt/Vol:	5	Units:	mL	
Soil Aliquot Vol:			uL	
GC Column:	DB-624UI	ID :	0.18	
Prep Method :		Level :	LOW	
		Final Vol:	5000	uL
		Test:	VOC-TCLVOA-10	

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039011.D	1	08/22/25 11:22	VV082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.8		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.1		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	17.6		0.21	1.00	ug/L
591-78-6	2-Hexanone	85.6		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	16.8		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.3		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.3		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.8		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	20.7		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	41.0		0.24	2.00	ug/L
95-47-6	o-Xylene	20.8		0.12	1.00	ug/L
100-42-5	Styrene	21.4		0.15	1.00	ug/L
75-25-2	Bromoform	17.7		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	21.5		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.5		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.6		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.7		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.4		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	21.2		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.9		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.9		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.5		74 - 125	97%	SPK: 50
1868-53-7	Dibromofluoromethane	46.0		75 - 124	92%	SPK: 50
2037-26-5	Toluene-d8	46.3		86 - 113	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.5		77 - 121	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	711000	4.6			
540-36-3	1,4-Difluorobenzene	1220000	5.532			
3114-55-4	Chlorobenzene-d5	1110000	8.773			
3855-82-1	1,4-Dichlorobenzene-d4	587000	11.172			

Report of Analysis

Client:	AECOM		Date Collected:	
Project:	National Grid Equity - Brooklyn NY		Date Received:	
Client Sample ID:	VV0822WBS01		SDG No.:	Q2924
Lab Sample ID:	VV0822WBS01		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
VV039011.D	1	08/22/25 11:22	VV082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

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-201-082025MS		SDG No.:	Q2924	
Lab Sample ID:	Q2924-03MS		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
VV039005.D	1	08/22/25 00:20	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	38.4		0.22	5.00	ug/L
74-87-3	Chloromethane	32.4		0.32	5.00	ug/L
75-01-4	Vinyl Chloride	39.7		0.26	5.00	ug/L
74-83-9	Bromomethane	24.9		1.40	5.00	ug/L
75-00-3	Chloroethane	52.0		0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	45.7		0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	44.6		0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	49.2		0.23	5.00	ug/L
67-64-1	Acetone	210		1.50	25.0	ug/L
75-15-0	Carbon Disulfide	47.5		0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	55.4		0.16	5.00	ug/L
79-20-9	Methyl Acetate	47.7		0.27	5.00	ug/L
75-09-2	Methylene Chloride	43.3		0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	220	E	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	42.5		0.23	5.00	ug/L
110-82-7	Cyclohexane	41.1		1.50	5.00	ug/L
78-93-3	2-Butanone	230		0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	42.2		0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	170	E	0.19	5.00	ug/L
74-97-5	Bromochloromethane	45.2		0.22	5.00	ug/L
67-66-3	Chloroform	41.8		0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	42.5		0.20	5.00	ug/L
108-87-2	Methylcyclohexane	45.2		0.16	5.00	ug/L
71-43-2	Benzene	1600	E	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	180	E	0.22	5.00	ug/L
79-01-6	Trichloroethene	74.0		0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	40.8		0.20	5.00	ug/L
75-27-4	Bromodichloromethane	40.6		0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	220		0.68	25.0	ug/L
108-88-3	Toluene	3300	E	0.14	5.00	ug/L

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-201-082025MS		SDG No.:	Q2924	
Lab Sample ID:	Q2924-03MS		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
VV039005.D	1	08/22/25 00:20	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	41.0		0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	42.6		0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	37.2		0.21	5.00	ug/L
591-78-6	2-Hexanone	160		0.89	25.0	ug/L
124-48-1	Dibromochloromethane	38.7		0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	39.9		0.15	5.00	ug/L
127-18-4	Tetrachloroethene	43.7		0.23	5.00	ug/L
108-90-7	Chlorobenzene	44.2		0.12	5.00	ug/L
100-41-4	Ethyl Benzene	650	E	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	2300	E	0.24	10.0	ug/L
95-47-6	o-Xylene	2200	E	0.12	5.00	ug/L
100-42-5	Styrene	1800	E	0.15	5.00	ug/L
75-25-2	Bromoform	45.4		0.19	5.00	ug/L
98-82-8	Isopropylbenzene	43.6		0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	28.9		0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	45.0		0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	43.8		0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	46.1		0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	46.0		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	51.9		0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	51.6		0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.4		74 - 125	101%	SPK: 50
1868-53-7	Dibromofluoromethane	44.4		75 - 124	89%	SPK: 50
2037-26-5	Toluene-d8	43.9		86 - 113	88%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.0		77 - 121	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	528000	4.603			
540-36-3	1,4-Difluorobenzene	848000	5.535			
3114-55-4	Chlorobenzene-d5	744000	8.78			
3855-82-1	1,4-Dichlorobenzene-d4	532000	11.178			



A
B
C
D
E
F
G

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039005.D	1	08/22/25 00:20	VV082125

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

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-201-082025MSD		SDG No.:	Q2924	
Lab Sample ID:	Q2924-04MSD		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
VV039006.D	1	08/22/25 00:42	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	44.7		0.22	5.00	ug/L
74-87-3	Chloromethane	49.3		0.32	5.00	ug/L
75-01-4	Vinyl Chloride	57.5		0.26	5.00	ug/L
74-83-9	Bromomethane	31.1		1.40	5.00	ug/L
75-00-3	Chloroethane	60.7		0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	47.5		0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	44.0		0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	54.6		0.23	5.00	ug/L
67-64-1	Acetone	260		1.50	25.0	ug/L
75-15-0	Carbon Disulfide	55.4		0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	67.5		0.16	5.00	ug/L
79-20-9	Methyl Acetate	61.9		0.27	5.00	ug/L
75-09-2	Methylene Chloride	53.6		0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	250	E	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	49.1		0.23	5.00	ug/L
110-82-7	Cyclohexane	38.3		1.50	5.00	ug/L
78-93-3	2-Butanone	260		0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	41.8		0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	180	E	0.19	5.00	ug/L
74-97-5	Bromochloromethane	47.4		0.22	5.00	ug/L
67-66-3	Chloroform	44.9		0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	43.5		0.20	5.00	ug/L
108-87-2	Methylcyclohexane	38.9		0.16	5.00	ug/L
71-43-2	Benzene	1600	E	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	180	E	0.22	5.00	ug/L
79-01-6	Trichloroethene	72.9		0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	43.1		0.20	5.00	ug/L
75-27-4	Bromodichloromethane	43.1		0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	230		0.68	25.0	ug/L
108-88-3	Toluene	3200	E	0.14	5.00	ug/L

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-201-082025MSD		SDG No.:	Q2924	
Lab Sample ID:	Q2924-04MSD		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
VV039006.D	1	08/22/25 00:42	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	43.6		0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	45.0		0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	39.4		0.21	5.00	ug/L
591-78-6	2-Hexanone	170		0.89	25.0	ug/L
124-48-1	Dibromochloromethane	41.3		0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	42.9		0.15	5.00	ug/L
127-18-4	Tetrachloroethene	44.9		0.23	5.00	ug/L
108-90-7	Chlorobenzene	45.7		0.12	5.00	ug/L
100-41-4	Ethyl Benzene	650	E	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	2300	E	0.24	10.0	ug/L
95-47-6	o-Xylene	2500	E	0.12	5.00	ug/L
100-42-5	Styrene	1900	E	0.15	5.00	ug/L
75-25-2	Bromoform	62.5		0.19	5.00	ug/L
98-82-8	Isopropylbenzene	61.7		0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	48.4		0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	49.8		0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	46.8		0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	51.5		0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	61.3		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	55.9		0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	55.4		0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.6		74 - 125	105%	SPK: 50
1868-53-7	Dibromofluoromethane	47.2		75 - 124	94%	SPK: 50
2037-26-5	Toluene-d8	44.3		86 - 113	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	60.7		77 - 121	121%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	517000	4.603			
540-36-3	1,4-Difluorobenzene	846000	5.532			
3114-55-4	Chlorobenzene-d5	728000	8.78			
3855-82-1	1,4-Dichlorobenzene-d4	478000	11.178			

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-201-082025MSD		SDG No.:	Q2924	
Lab Sample ID:	Q2924-04MSD		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
VV039006.D	1	08/22/25 00:42	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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



CALIBRATION SUMMARY

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: <u>Alliance</u>	Contract: <u>AECO02</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q2924</u>
Instrument ID: <u>MSVOA_V</u>	Calibration Date(s): <u>08/21/2025</u> <u>08/21/2025</u>
Heated Purge: (Y/N) <u>N</u>	Calibration Time(s): <u>09:05</u> <u>11:45</u>
GC Column: <u>DB-624UI</u> ID: <u>0.18</u> (mm)	

LAB FILE ID:		RRF001 = VV038973.D		RRF005 = VV038974.D		RRF020 = VV038975.D			
		RRF050 = VV038976.D		RRF100 = VV038977.D		RRF010 = VV038979.D			
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF010	RRF	% RSD	
Dichlorodifluoromethane	0.952	0.756	0.675	0.722	0.633	0.747	0.747	14.7	
Chloromethane	0.878	0.853	0.712	0.768	0.654	0.769	0.772	10.9	
Vinyl Chloride	0.985	0.849	0.688	0.823	0.714	0.829	0.815	13.1	
Bromomethane		0.459	0.389	0.448	0.423	0.482	0.440	8.1	
Chloroethane	0.346	0.559	0.365	0.414	0.359	0.448	0.415	19.3	
Trichlorofluoromethane	1.342	1.178	1.026	1.088	0.961	1.102	1.116	11.9	
1,1,2-Trichlorotrifluoroethane	0.823	0.628	0.558	0.554	0.513	0.619	0.616	17.9	
1,1-Dichloroethene	0.675	0.593	0.519	0.536	0.495	0.586	0.567	11.4	
Acetone	0.390	0.264	0.261	0.249	0.242	0.284	0.282	19.5	
Carbon Disulfide	1.825	1.631	1.475	1.476	1.354	1.709	1.578	11.1	
Methyl tert-butyl Ether	1.629	1.485	1.792	1.715	1.614	1.832	1.678	7.6	
Methyl Acetate	0.610	0.589	0.638	0.560	0.554	0.630	0.597	5.9	
Methylene Chloride	0.805	0.659	0.694	0.581	0.519	0.668	0.654	15	
trans-1,2-Dichloroethene	0.577	0.577	0.640	0.573	0.529	0.651	0.591	7.8	
1,1-Dichloroethane	1.293	1.028	1.122	0.940	0.941	1.288	1.102	14.6	
Cyclohexane		1.084	0.955	0.808	0.961	1.109	0.983	12.2	
2-Butanone	0.285	0.336	0.397	0.332	0.406	0.442	0.366	15.9	
Carbon Tetrachloride	0.725	0.726	0.608	0.616	0.577	0.660	0.652	9.7	
cis-1,2-Dichloroethene	0.725	0.710	0.686	0.640	0.712	0.806	0.713	7.6	
Bromochloromethane	0.463	0.419	0.283	0.221	0.266	0.271	0.320	30.2	
Chloroform	1.373	1.345	1.244	1.096	1.150	1.347	1.259	9.2	
1,1,1-Trichloroethane	1.408	1.248	1.107	1.038	1.051	1.246	1.183	12.1	
Methylcyclohexane	0.574	0.590	0.612	0.632	0.677	0.649	0.622	6.1	
Benzene	1.384	1.558	1.602	1.430	1.510	1.667	1.525	7	
1,2-Dichloroethane	0.602	0.597	0.546	0.514	0.506	0.580	0.558	7.5	
Trichloroethene	0.444	0.433	0.392	0.391	0.389	0.433	0.414	6.2	
1,2-Dichloropropane	0.341	0.335	0.397	0.330	0.366	0.425	0.366	10.5	
Bromodichloromethane	0.686	0.635	0.616	0.584	0.571	0.657	0.625	7	
4-Methyl-2-Pentanone	0.327	0.440	0.525	0.505	0.514	0.549	0.477	17.1	
Toluene	0.791	0.916	1.009	1.070	0.984	1.026	0.966	10.3	

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: <u>Alliance</u>	Contract: <u>AECO02</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q2924</u>
Instrument ID: <u>MSVOA_V</u>	Calibration Date(s): <u>08/21/2025</u> <u>08/21/2025</u>
Heated Purge: (Y/N) <u>N</u>	Calibration Time(s): <u>09:05</u> <u>11:45</u>
GC Column: <u>DB-624UI</u> ID: <u>0.18</u> (mm)	

LAB FILE ID:								
RRF001 = VV038973.D			RRF005 = VV038974.D			RRF020 = VV038975.D		
RRF050 = VV038976.D			RRF100 = VV038977.D			RRF010 = VV038979.D		
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF010	RRF	% RSD
t-1,3-Dichloropropene	0.539	0.509	0.567	0.696	0.602	0.591	0.584	11.1
cis-1,3-Dichloropropene	0.502	0.572	0.634	0.628	0.635	0.660	0.605	9.6
1,1,2-Trichloroethane	0.404	0.432	0.417	0.466	0.381	0.427	0.421	6.8
2-Hexanone	0.208	0.302	0.385	0.465	0.384	0.388	0.355	24.9
Dibromochloromethane	0.498	0.522	0.495	0.559	0.462	0.516	0.509	6.4
1,2-Dibromoethane	0.367	0.437	0.442	0.498	0.417	0.459	0.437	10
Tetrachloroethene	0.359	0.382	0.368	0.364	0.362	0.397	0.372	4
Chlorobenzene	1.265	1.206	1.166	1.163	1.142	1.291	1.206	5
Ethyl Benzene	1.654	1.659	1.848	1.952	1.998	1.931	1.840	8.2
m/p-Xylenes	0.574	0.615	0.762	0.784	0.785	0.769	0.715	13.2
o-Xylene	0.529	0.572	0.669	0.712	0.740	0.686	0.651	12.7
Styrene	0.853	0.911	1.210	1.291	1.298	1.143	1.118	17.2
Bromoform	0.369	0.360	0.351	0.350	0.344	0.365	0.357	2.7
Isopropylbenzene	3.332	2.780	3.605	3.326	3.515	3.573	3.355	9.1
1,1,2,2-Tetrachloroethane	1.745	1.323	1.324	1.111	1.122	1.368	1.332	17.3
1,3-Dichlorobenzene	1.735	1.691	1.660	1.623	1.663	1.841	1.702	4.6
1,4-Dichlorobenzene	2.000	1.803	1.733	1.666	1.683	2.011	1.816	8.5
1,2-Dichlorobenzene	1.685	1.559	1.707	1.521	1.564	1.702	1.623	5.2
1,2-Dibromo-3-Chloropropane	0.287	0.261	0.274	0.236	0.255	0.242	0.259	7.4
1,2,4-Trichlorobenzene	0.938	0.865	1.004	0.973	1.065	0.965	0.969	6.9
1,2,3-Trichlorobenzene	0.878	0.847	1.059	0.983	1.064	1.028	0.977	9.6
1,2-Dichloroethane-d4		0.815	0.696	0.643	0.647	0.707	0.702	9.9
Dibromofluoromethane		0.420	0.386	0.346	0.347	0.377	0.375	8.2
Toluene-d8		1.355	1.346	1.338	1.246	1.253	1.308	4.1
4-Bromofluorobenzene		0.425	0.472	0.559	0.477	0.459	0.478	10.3

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2924</u>
Instrument ID:	<u>MSVOA_V</u>	Calibration Date/Time:	<u>08/21/2025 15:42</u>
Lab File ID:	<u>VV038982.D</u>	Init. Calib. Date(s):	<u>08/21/2025 08/21/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:05 11:45</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.747	0.644		-13.79	20
Chloromethane	0.772	0.671	0.1	-13.08	20
Vinyl Chloride	0.815	0.716		-12.15	20
Bromomethane	0.440	0.434		-1.36	20
Chloroethane	0.415	0.391		-5.78	20
Trichlorofluoromethane	1.116	1.035		-7.26	20
1,1,2-Trichlorotrifluoroethane	0.616	0.554		-10.06	20
1,1-Dichloroethene	0.567	0.536		-5.47	20
Acetone	0.282	0.277		-1.77	20
Carbon Disulfide	1.578	1.548		-1.9	20
Methyl tert-butyl Ether	1.678	1.921		14.48	20
Methyl Acetate	0.597	0.750		25.63	20
Methylene Chloride	0.654	0.690		5.51	20
trans-1,2-Dichloroethene	0.591	0.641		8.46	20
1,1-Dichloroethane	1.102	1.114	0.1	1.09	20
Cyclohexane	0.983	0.959		-2.44	20
2-Butanone	0.366	0.416		13.66	20
Carbon Tetrachloride	0.652	0.600		-7.97	20
cis-1,2-Dichloroethene	0.713	0.718		0.7	20
Bromochloromethane	0.320	0.269		-15.94	20
Chloroform	1.259	1.201		-4.61	20
1,1,1-Trichloroethane	1.183	1.077		-8.96	20
Methylcyclohexane	0.622	0.666		7.07	20
Benzene	1.525	1.571		3.02	20
1,2-Dichloroethane	0.558	0.537		-3.76	20
Trichloroethene	0.414	0.401		-3.14	20
1,2-Dichloropropane	0.366	0.389		6.28	20
Bromodichloromethane	0.625	0.597		-4.48	20
4-Methyl-2-Pentanone	0.477	0.544		14.05	20
Toluene	0.966	1.015		5.07	20
t-1,3-Dichloropropene	0.584	0.604		3.42	20
cis-1,3-Dichloropropene	0.605	0.643		6.28	20
1,1,2-Trichloroethane	0.421	0.414		-1.66	20
2-Hexanone	0.355	0.405		14.09	20
Dibromochloromethane	0.509	0.477		-6.29	20
1,2-Dibromoethane	0.437	0.436		-0.23	20
Tetrachloroethene	0.372	0.377		1.34	20
Chlorobenzene	1.206	1.194	0.3	-1	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2924</u>
Instrument ID:	<u>MSVOA_V</u>	Calibration Date/Time:	<u>08/21/2025 15:42</u>
Lab File ID:	<u>VV038982.D</u>	Init. Calib. Date(s):	<u>08/21/2025 08/21/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:05 11:45</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.840	2.027		10.16	20
m/p-Xylenes	0.715	0.813		13.71	20
o-Xylene	0.651	0.749		15.05	20
Styrene	1.118	1.344		20.22	20
Bromoform	0.357	0.356	0.1	-0.28	20
Isopropylbenzene	3.355	3.588		6.95	20
1,1,2,2-Tetrachloroethane	1.332	1.201	0.3	-9.84	20
1,3-Dichlorobenzene	1.702	1.726		1.41	20
1,4-Dichlorobenzene	1.816	1.752		-3.52	20
1,2-Dichlorobenzene	1.623	1.634		0.68	20
1,2-Dibromo-3-Chloropropane	0.259	0.256		-1.16	20
1,2,4-Trichlorobenzene	0.969	1.048		8.15	20
1,2,3-Trichlorobenzene	0.977	1.075		10.03	20
1,2-Dichloroethane-d4	0.702	0.672		-4.27	20
Dibromofluoromethane	0.375	0.368		-1.87	20
Toluene-d8	1.308	1.282		-1.99	20
4-Bromofluorobenzene	0.478	0.486		1.67	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2924</u>
Instrument ID:	<u>MSVOA_V</u>	Calibration Date/Time:	<u>08/22/2025</u> <u>09:03</u>
Lab File ID:	<u>VV039009.D</u>	Init. Calib. Date(s):	<u>08/21/2025</u> <u>08/21/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:05</u> <u>11:45</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.747	0.601		-19.55	20
Chloromethane	0.772	0.585	0.1	-24.22	20
Vinyl Chloride	0.815	0.691		-15.22	20
Bromomethane	0.440	0.347		-21.14	20
Chloroethane	0.415	0.469		13.01	20
Trichlorofluoromethane	1.116	1.051		-5.82	20
1,1,2-Trichlorotrifluoroethane	0.616	0.640		3.9	20
1,1-Dichloroethene	0.567	0.607		7.05	20
Acetone	0.282	0.366		29.79	20
Carbon Disulfide	1.578	1.789		13.31	20
Methyl tert-butyl Ether	1.678	2.087		24.37	20
Methyl Acetate	0.597	0.801		34.17	20
Methylene Chloride	0.654	0.668		2.14	20
trans-1,2-Dichloroethene	0.591	0.630		6.6	20
1,1-Dichloroethane	1.102	1.141	0.1	3.54	20
Cyclohexane	0.983	1.041		5.9	20
2-Butanone	0.366	0.460		25.68	20
Carbon Tetrachloride	0.652	0.526		-19.33	20
cis-1,2-Dichloroethene	0.713	0.751		5.33	20
Bromochloromethane	0.320	0.277		-13.44	20
Chloroform	1.259	1.179		-6.35	20
1,1,1-Trichloroethane	1.183	1.068		-9.72	20
Methylcyclohexane	0.622	0.651		4.66	20
Benzene	1.525	1.478		-3.08	20
1,2-Dichloroethane	0.558	0.490		-12.19	20
Trichloroethene	0.414	0.376		-9.18	20
1,2-Dichloropropane	0.366	0.371		1.37	20
Bromodichloromethane	0.625	0.561		-10.24	20
4-Methyl-2-Pentanone	0.477	0.534		11.95	20
Toluene	0.966	0.942		-2.48	20
t-1,3-Dichloropropene	0.584	0.588		0.69	20
cis-1,3-Dichloropropene	0.605	0.623		2.97	20
1,1,2-Trichloroethane	0.421	0.375		-10.93	20
2-Hexanone	0.355	0.396		11.55	20
Dibromochloromethane	0.509	0.441		-13.36	20
1,2-Dibromoethane	0.437	0.409		-6.41	20
Tetrachloroethene	0.372	0.348		-6.45	20
Chlorobenzene	1.206	1.155	0.3	-4.23	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2924</u>
Instrument ID:	<u>MSVOA_V</u>	Calibration Date/Time:	<u>08/22/2025</u> <u>09:03</u>
Lab File ID:	<u>VV039009.D</u>	Init. Calib. Date(s):	<u>08/21/2025</u> <u>08/21/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:05</u> <u>11:45</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.840	2.002		8.8	20
m/p-Xylenes	0.715	0.770		7.69	20
o-Xylene	0.651	0.736		13.06	20
Styrene	1.118	1.245		11.36	20
Bromoform	0.357	0.338	0.1	-5.32	20
Isopropylbenzene	3.355	3.778		12.61	20
1,1,2,2-Tetrachloroethane	1.332	1.280	0.3	-3.9	20
1,3-Dichlorobenzene	1.702	1.744		2.47	20
1,4-Dichlorobenzene	1.816	1.769		-2.59	20
1,2-Dichlorobenzene	1.623	1.615		-0.49	20
1,2-Dibromo-3-Chloropropane	0.259	0.274		5.79	20
1,2,4-Trichlorobenzene	0.969	1.043		7.64	20
1,2,3-Trichlorobenzene	0.977	1.083		10.85	20
1,2-Dichloroethane-d4	0.702	0.659		-6.13	20
Dibromofluoromethane	0.375	0.333		-11.2	20
Toluene-d8	1.308	1.155		-11.7	20
4-Bromofluorobenzene	0.478	0.443		-7.32	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.