

LAB CHRONICLE

OrderID:	Q2900	OrderDate:	8/18/2025 4:05:40 PM
Client:	AECOM	Project:	National Grid Equity - Brooklyn NY
Contact:	Peter S	Location:	J11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2900-01	MN-9C-081825	Water	VOC-TCLVOA-10	8260D	08/18/25		08/20/25	08/18/25
Q2900-02	MN-12C-081825	Water	VOC-TCLVOA-10	8260D	08/18/25		08/20/25	08/18/25
Q2900-02DL	MN-12C-081825DL	Water	VOC-TCLVOA-10	8260D	08/18/25		08/21/25	08/18/25
Q2900-03	DUP-01-081825	Water	VOC-TCLVOA-10	8260D	08/18/25		08/20/25	08/18/25
Q2900-03DL	DUP-01-081825DL	Water	VOC-TCLVOA-10	8260D	08/18/25		08/21/25	08/18/25
Q2900-04	MW-17B-081825	Water	VOC-TCLVOA-10	8260D	08/18/25		08/21/25	08/18/25
Q2900-05	MW-11C-081825	Water	VOC-TCLVOA-10	8260D	08/18/25		08/20/25	08/18/25
Q2900-05DL	MW-11C-081825DL	Water	VOC-TCLVOA-10	8260D	08/18/25		08/21/25	08/18/25
Q2900-06	MW-17C-081825	Water	VOC-TCLVOA-10	8260D	08/18/25		08/21/25	08/18/25
Q2900-07	MW-11B-081825	Water	VOC-TCLVOA-10	8260D	08/18/25		08/20/25	08/18/25
Q2900-07RE	MW-11B-081825RE	Water	VOC-TCLVOA-10	8260D	08/18/25		08/21/25	08/18/25
Q2900-08	TB-081825	Water			08/18/25			08/18/25

LAB CHRONICLE

VOC-TCLVOA-10	8260D	08/21/25
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Hit Summary Sheet SW-846

SDG No.: Q2900
Client: AECOM

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: MN-9C-081825								
Q2900-01	MN-9C-081825	Water	Acetone	2.90	J	1.50	25.0	ug/L
Q2900-01	MN-9C-081825	Water	cis-1,2-Dichloroethene	3.90	J	0.19	5.00	ug/L
Q2900-01	MN-9C-081825	Water	Chloroform	0.45	J	0.25	5.00	ug/L
Q2900-01	MN-9C-081825	Water	Trichloroethene	8.50		0.090	5.00	ug/L
Q2900-01	MN-9C-081825	Water	Tetrachloroethene	35.5		0.23	5.00	ug/L
			Total Voc :			51.3		
Q2900-01	MN-9C-081825	Water	Sulfur dioxide	* 210	J	0	0	ug/L
			Total Tics :			210		
			Total Concentration:			261		
Client ID: MN-12C-081825								
Q2900-02	MN-12C-081825	Water	Vinyl Chloride	60.1		0.26	5.00	ug/L
Q2900-02	MN-12C-081825	Water	1,1-Dichloroethene	1.30	J	0.23	5.00	ug/L
Q2900-02	MN-12C-081825	Water	Acetone	3.90	J	1.50	25.0	ug/L
Q2900-02	MN-12C-081825	Water	Carbon Disulfide	1.30	J	0.21	5.00	ug/L
Q2900-02	MN-12C-081825	Water	trans-1,2-Dichloroethene	300	E	0.23	5.00	ug/L
Q2900-02	MN-12C-081825	Water	cis-1,2-Dichloroethene	350	E	0.19	5.00	ug/L
Q2900-02	MN-12C-081825	Water	Methylcyclohexane	0.30	J	0.16	5.00	ug/L
Q2900-02	MN-12C-081825	Water	Benzene	3100	E	0.15	5.00	ug/L
Q2900-02	MN-12C-081825	Water	Trichloroethene	270	E	0.090	5.00	ug/L
Q2900-02	MN-12C-081825	Water	Toluene	2900	E	0.14	5.00	ug/L
Q2900-02	MN-12C-081825	Water	Tetrachloroethene	190	E	0.23	5.00	ug/L
Q2900-02	MN-12C-081825	Water	Ethyl Benzene	1100	E	0.13	5.00	ug/L
Q2900-02	MN-12C-081825	Water	m/p-Xylenes	1100	E	0.24	10.0	ug/L
Q2900-02	MN-12C-081825	Water	o-Xylene	790	E	0.12	5.00	ug/L
Q2900-02	MN-12C-081825	Water	Styrene	770	E	0.15	5.00	ug/L
Q2900-02	MN-12C-081825	Water	Isopropylbenzene	32.1		0.12	5.00	ug/L
			Total Voc :			11000		
Q2900-02	MN-12C-081825	Water	Naphthalene, 1-methyl-	* 400	J	0	0	ug/L
Q2900-02	MN-12C-081825	Water	Indene	* 3200	J	0	0	ug/L
Q2900-02	MN-12C-081825	Water	Benzene, 1-ethenyl-3-methyl-	* 290	J	0	0	ug/L
Q2900-02	MN-12C-081825	Water	Benzo[c]thiophene	* 230	J	0	0	ug/L
Q2900-02	MN-12C-081825	Water	Azulene	* 4400	J	0	0	ug/L
Q2900-02	MN-12C-081825	Water	Indane	* 820	J	0	0	ug/L
Q2900-02	MN-12C-081825	Water	Benzene, 1-ethyl-2-methyl-	* 400	J	0	0	ug/L
Q2900-02	MN-12C-081825	Water	2-Methylindene	* 410	J	0	0	ug/L
Q2900-02	MN-12C-081825	Water	Benzene, (1-methyl-2-cyclopro	* 510	J	0	0	ug/L

Hit Summary Sheet SW-846

SDG No.: Q2900

Client: AECOM

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2900-02	MN-12C-081825	Water	n-propylbenzene	* 15.0	J	0.13	5.00	ug/L
Q2900-02	MN-12C-081825	Water	1,3,5-Trimethylbenzene	* 87.6	J	0.15	5.00	ug/L
Q2900-02	MN-12C-081825	Water	1,2,4-Trimethylbenzene	* 340	J	0.14	5.00	ug/L
Q2900-02	MN-12C-081825	Water	p-Isopropyltoluene	* 5.40	J	0.13	5.00	ug/L
Total Tics :				11100				
Total Concentration:				22100				
Client ID:	MN-12C-081825DL							
Q2900-02DL	MN-12C-081825DI	Water	Vinyl Chloride	67.0	JD	13.0	250	ug/L
Q2900-02DL	MN-12C-081825DI	Water	trans-1,2-Dichloroethene	280	D	11.5	250	ug/L
Q2900-02DL	MN-12C-081825DI	Water	cis-1,2-Dichloroethene	320	D	9.50	250	ug/L
Q2900-02DL	MN-12C-081825DI	Water	Benzene	4000	D	7.50	250	ug/L
Q2900-02DL	MN-12C-081825DI	Water	Trichloroethene	260	D	4.70	250	ug/L
Q2900-02DL	MN-12C-081825DI	Water	Toluene	4000	D	7.00	250	ug/L
Q2900-02DL	MN-12C-081825DI	Water	Tetrachloroethene	180	JD	11.5	250	ug/L
Q2900-02DL	MN-12C-081825DI	Water	Ethyl Benzene	1800	D	6.50	250	ug/L
Q2900-02DL	MN-12C-081825DI	Water	m/p-Xylenes	1400	D	12.0	500	ug/L
Q2900-02DL	MN-12C-081825DI	Water	o-Xylene	930	D	6.00	250	ug/L
Q2900-02DL	MN-12C-081825DI	Water	Styrene	930	D	7.50	250	ug/L
Q2900-02DL	MN-12C-081825DI	Water	Isopropylbenzene	35.2	JD	6.00	250	ug/L
Total Voc :				14200				
Total Concentration:				14200				
Client ID:	DUP-01-081825							
Q2900-03	DUP-01-081825	Water	Vinyl Chloride	38.7		0.26	5.00	ug/L
Q2900-03	DUP-01-081825	Water	1,1-Dichloroethene	1.10	J	0.23	5.00	ug/L
Q2900-03	DUP-01-081825	Water	Acetone	3.40	J	1.50	25.0	ug/L
Q2900-03	DUP-01-081825	Water	trans-1,2-Dichloroethene	300	E	0.23	5.00	ug/L
Q2900-03	DUP-01-081825	Water	cis-1,2-Dichloroethene	330	E	0.19	5.00	ug/L
Q2900-03	DUP-01-081825	Water	Benzene	2900	E	0.15	5.00	ug/L
Q2900-03	DUP-01-081825	Water	Trichloroethene	310	E	0.090	5.00	ug/L
Q2900-03	DUP-01-081825	Water	Toluene	2800	E	0.14	5.00	ug/L
Q2900-03	DUP-01-081825	Water	Tetrachloroethene	200	E	0.23	5.00	ug/L
Q2900-03	DUP-01-081825	Water	Ethyl Benzene	1100	E	0.13	5.00	ug/L
Q2900-03	DUP-01-081825	Water	m/p-Xylenes	1100	E	0.24	10.0	ug/L
Q2900-03	DUP-01-081825	Water	o-Xylene	780	E	0.12	5.00	ug/L
Q2900-03	DUP-01-081825	Water	Styrene	840	E	0.15	5.00	ug/L
Q2900-03	DUP-01-081825	Water	Isopropylbenzene	28.9		0.12	5.00	ug/L
Total Voc :				10700				

Hit Summary Sheet
SW-846

SDG No.: Q2900

Client: AECOM

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2900-03	DUP-01-081825	Water	Naphthalene, 1-methyl-	* 630	J	0	0	ug/L
Q2900-03	DUP-01-081825	Water	Indene	* 3600	J	0	0	ug/L
Q2900-03	DUP-01-081825	Water	Benzene, 1-ethenyl-3-methyl-	* 330	J	0	0	ug/L
Q2900-03	DUP-01-081825	Water	Benzo[c]thiophene	* 260	J	0	0	ug/L
Q2900-03	DUP-01-081825	Water	Azulene	* 4700	J	0	0	ug/L
Q2900-03	DUP-01-081825	Water	Indane	* 730	J	0	0	ug/L
Q2900-03	DUP-01-081825	Water	Benzene, 1-ethyl-2-methyl-	* 520	J	0	0	ug/L
Q2900-03	DUP-01-081825	Water	2-Methylindene	* 570	J	0	0	ug/L
Q2900-03	DUP-01-081825	Water	Benzene, (1-methyl-2-cyclopro	* 470	J	0	0	ug/L
Q2900-03	DUP-01-081825	Water	n-propylbenzene	* 15.9	J	0.13	5.00	ug/L
Q2900-03	DUP-01-081825	Water	1,3,5-Trimethylbenzene	* 92.3	J	0.15	5.00	ug/L
Q2900-03	DUP-01-081825	Water	1,2,4-Trimethylbenzene	* 360	J	0.14	5.00	ug/L
Q2900-03	DUP-01-081825	Water	p-Isopropyltoluene	* 5.10	J	0.13	5.00	ug/L
Total Tics :				12300				
Total Concentration:				23000				
Client ID:	DUP-01-081825DL							
Q2900-03DL	DUP-01-081825DL	Water	Vinyl Chloride	54.3	JD	13.0	250	ug/L
Q2900-03DL	DUP-01-081825DL	Water	Acetone	85.8	JD	75.5	1300	ug/L
Q2900-03DL	DUP-01-081825DL	Water	trans-1,2-Dichloroethene	330	D	11.5	250	ug/L
Q2900-03DL	DUP-01-081825DL	Water	cis-1,2-Dichloroethene	340	D	9.50	250	ug/L
Q2900-03DL	DUP-01-081825DL	Water	Benzene	4300	D	7.50	250	ug/L
Q2900-03DL	DUP-01-081825DL	Water	Trichloroethene	330	D	4.70	250	ug/L
Q2900-03DL	DUP-01-081825DL	Water	Toluene	4400	D	7.00	250	ug/L
Q2900-03DL	DUP-01-081825DL	Water	Tetrachloroethene	240	JD	11.5	250	ug/L
Q2900-03DL	DUP-01-081825DL	Water	Ethyl Benzene	1800	D	6.50	250	ug/L
Q2900-03DL	DUP-01-081825DL	Water	m/p-Xylenes	1500	D	12.0	500	ug/L
Q2900-03DL	DUP-01-081825DL	Water	o-Xylene	1000	D	6.00	250	ug/L
Q2900-03DL	DUP-01-081825DL	Water	Styrene	1200	D	7.50	250	ug/L
Q2900-03DL	DUP-01-081825DL	Water	Isopropylbenzene	30.0	JD	6.00	250	ug/L
Total Voc :				15600				
Total Concentration:				15600				
Client ID:	MW-17B-081825							
Q2900-04	MW-17B-081825	Water	Acetone	5.30	J	1.50	25.0	ug/L
Q2900-04	MW-17B-081825	Water	Methylene Chloride	0.38	J	0.28	5.00	ug/L
Q2900-04	MW-17B-081825	Water	Chloroform	0.89	J	0.25	5.00	ug/L
Total Voc :				6.57				
Q2900-04	MW-17B-081825	Water	Sulfur dioxide	* 85.3	J	0	0	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q2900

Client: AECOM

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :				85.3				
Total Concentration:				91.9				
Client ID:	MW-11C-081825							
Q2900-05	MW-11C-081825	Water	Vinyl Chloride	230	E	0.26	5.00	ug/L
Q2900-05	MW-11C-081825	Water	1,1-Dichloroethene	0.92	J	0.23	5.00	ug/L
Q2900-05	MW-11C-081825	Water	Acetone	4.20	J	1.50	25.0	ug/L
Q2900-05	MW-11C-081825	Water	Carbon Disulfide	1.30	J	0.21	5.00	ug/L
Q2900-05	MW-11C-081825	Water	trans-1,2-Dichloroethene	1300	E	0.23	5.00	ug/L
Q2900-05	MW-11C-081825	Water	cis-1,2-Dichloroethene	440	E	0.19	5.00	ug/L
Q2900-05	MW-11C-081825	Water	Benzene	2500	E	0.15	5.00	ug/L
Q2900-05	MW-11C-081825	Water	Trichloroethene	49.6		0.090	5.00	ug/L
Q2900-05	MW-11C-081825	Water	Toluene	730	E	0.14	5.00	ug/L
Q2900-05	MW-11C-081825	Water	Tetrachloroethene	0.57	J	0.23	5.00	ug/L
Q2900-05	MW-11C-081825	Water	Chlorobenzene	0.32	J	0.12	5.00	ug/L
Q2900-05	MW-11C-081825	Water	Ethyl Benzene	490	E	0.13	5.00	ug/L
Q2900-05	MW-11C-081825	Water	m/p-Xylenes	270		0.24	10.0	ug/L
Q2900-05	MW-11C-081825	Water	o-Xylene	370	E	0.12	5.00	ug/L
Q2900-05	MW-11C-081825	Water	Styrene	280	E	0.15	5.00	ug/L
Q2900-05	MW-11C-081825	Water	Isopropylbenzene	34.2		0.12	5.00	ug/L
Total Voc :				6700				
Q2900-05	MW-11C-081825	Water	Indene	* 1900	J	0	0	ug/L
Q2900-05	MW-11C-081825	Water	Benzene, 1-ethenyl-3-methyl-	* 180	J	0	0	ug/L
Q2900-05	MW-11C-081825	Water	Benzo[c]thiophene	* 180	J	0	0	ug/L
Q2900-05	MW-11C-081825	Water	Indane	* 360	J	0	0	ug/L
Q2900-05	MW-11C-081825	Water	Benzene, 1,2,3-trimethyl-	* 160	J	0	0	ug/L
Q2900-05	MW-11C-081825	Water	Benzene, 1-ethyl-2-methyl-	* 170	J	0	0	ug/L
Q2900-05	MW-11C-081825	Water	2-Methylindene	* 300	J	0	0	ug/L
Q2900-05	MW-11C-081825	Water	Benzene, (1-methyl-2-cyclopro	* 400	J	0	0	ug/L
Q2900-05	MW-11C-081825	Water	n-propylbenzene	* 15.1	J	0.13	5.00	ug/L
Q2900-05	MW-11C-081825	Water	1,2,4-Trimethylbenzene	* 240	J	0.14	5.00	ug/L
Q2900-05	MW-11C-081825	Water	p-Isopropyltoluene	* 3.10	J	0.13	5.00	ug/L
Total Tics :				3910				
Total Concentration:				10600				
Client ID:	MW-11C-081825DL							
Q2900-05DL	MW-11C-081825DI	Water	Vinyl Chloride	240	JD	13.0	250	ug/L
Q2900-05DL	MW-11C-081825DI	Water	trans-1,2-Dichloroethene	1300	D	11.5	250	ug/L
Q2900-05DL	MW-11C-081825DI	Water	cis-1,2-Dichloroethene	420	D	9.50	250	ug/L

Hit Summary Sheet SW-846

SDG No.: Q2900

Client: AECOM

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2900-05DL	MW-11C-081825DI	Water	Benzene	2900	D	7.50	250	ug/L
Q2900-05DL	MW-11C-081825DI	Water	Trichloroethene	52.0	JD	4.70	250	ug/L
Q2900-05DL	MW-11C-081825DI	Water	Toluene	700	D	7.00	250	ug/L
Q2900-05DL	MW-11C-081825DI	Water	Ethyl Benzene	510	D	6.50	250	ug/L
Q2900-05DL	MW-11C-081825DI	Water	m/p-Xylenes	270	JD	12.0	500	ug/L
Q2900-05DL	MW-11C-081825DI	Water	o-Xylene	360	D	6.00	250	ug/L
Q2900-05DL	MW-11C-081825DI	Water	Styrene	280	D	7.50	250	ug/L
Q2900-05DL	MW-11C-081825DI	Water	Isopropylbenzene	31.4	JD	6.00	250	ug/L
Total Voc :				7060				
Total Concentration:				7060				
Client ID:	MW-17C-081825							
Q2900-06	MW-17C-081825	Water	Acetone	5.10	J	1.50	25.0	ug/L
Total Voc :				5.10				
Q2900-06	MW-17C-081825	Water	Sulfur dioxide	* 180	J	0	0	ug/L
Total Tics :				180				
Total Concentration:				185				
Client ID:	MW-11B-081825							
Q2900-07	MW-11B-081825	Water	Carbon Disulfide	1.60	J	0.21	5.00	ug/L
Q2900-07	MW-11B-081825	Water	Benzene	3.10	J	0.15	5.00	ug/L
Q2900-07	MW-11B-081825	Water	m/p-Xylenes	0.27	J	0.24	10.0	ug/L
Q2900-07	MW-11B-081825	Water	o-Xylene	0.36	J	0.12	5.00	ug/L
Q2900-07	MW-11B-081825	Water	Isopropylbenzene	3.30	J	0.12	5.00	ug/L
Total Voc :				8.63				
Q2900-07	MW-11B-081825	Water	Indane	* 270	J	0	0	ug/L
Q2900-07	MW-11B-081825	Water	Benzene, 1-ethenyl-4-ethyl-	* 8.50	J	0	0	ug/L
Q2900-07	MW-11B-081825	Water	Sulfur dioxide	* 290	J	0	0	ug/L
Q2900-07	MW-11B-081825	Water	n-propylbenzene	* 0.34	J	0.13	5.00	ug/L
Total Tics :				569				
Total Concentration:				577				
Client ID:	MW-11B-081825RE							
Q2900-07RE	MW-11B-081825RI	Water	Carbon Disulfide	2.00	J	0.21	5.00	ug/L
Q2900-07RE	MW-11B-081825RI	Water	Benzene	3.80	J	0.15	5.00	ug/L
Q2900-07RE	MW-11B-081825RI	Water	m/p-Xylenes	0.41	J	0.24	10.0	ug/L
Q2900-07RE	MW-11B-081825RI	Water	o-Xylene	0.47	J	0.12	5.00	ug/L
Q2900-07RE	MW-11B-081825RI	Water	Isopropylbenzene	4.00	J	0.12	5.00	ug/L
Total Voc :				10.7				
Total Concentration:				10.7				
Client ID:	TB-081825							
Q2900-08	TB-081825	Water	Naphthalene	* 2.20	J	0.20	5.00	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q2900

Client: AECOM

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :				2.20				
Total Concentration:				2.20				



SAMPLE DATA

Report of Analysis

Client:	AECOM		Date Collected:	08/18/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/18/25	
Client Sample ID:	MN-9C-081825		SDG No.:	Q2900	
Lab Sample ID:	Q2900-01		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
VX047443.D	1	08/20/25 15:25	VX082025

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	2.90	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	3.90	J	0.19	5.00	ug/L
74-97-5	Bromochloromethane	5.00	U	0.22	5.00	ug/L
67-66-3	Chloroform	0.45	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	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	8.50		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:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MN-9C-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-01	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
VX047443.D	1	08/20/25 15:25	VX082025

[illegible]

Report of Analysis

Client:	AECOM		Date Collected:	08/18/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/18/25	
Client Sample ID:	MN-12C-081825		SDG No.:	Q2900	
Lab Sample ID:	Q2900-02		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
VX047444.D	1	08/20/25 15:47	VX082025

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	60.1		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	1.30	J	0.23	5.00	ug/L
67-64-1	Acetone	3.90	J	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	1.30	J	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	300	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	350	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	0.30	J	0.16	5.00	ug/L
71-43-2	Benzene	3100	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	270	E	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	2900	E	0.14	5.00	ug/L

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MN-12C-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-02	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
VX047444.D	1	08/20/25 15:47	VX082025

[illegible]

Report of Analysis

Client:	AECOM		Date Collected:	08/18/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/18/25	
Client Sample ID:	MN-12C-081825		SDG No.:	Q2900	
Lab Sample ID:	Q2900-02		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
VX047444.D	1	08/20/25 15:47	VX082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
103-65-1	n-propylbenzene	15.0	J		11.3	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	400	J		11.4	ug/L
108-67-8	1,3,5-Trimethylbenzene	87.6	J		11.5	ug/L
95-63-6	1,2,4-Trimethylbenzene	340	J		11.8	ug/L
000100-80-1	Benzene, 1-ethenyl-3-methyl-	290	J		11.8	ug/L
99-87-6	p-Isopropyltoluene	5.40	J		12.0	ug/L
000496-11-7	Indane	820	J		12.2	ug/L
000095-13-6	Indene	3200	J		12.4	ug/L
002177-47-1	2-Methylindene	410	J		13.3	ug/L
065051-83-4	Benzene, (1-methyl-2-cyclopropen-1	510	J		13.4	ug/L
000275-51-4	Azulene	4400	J		13.8	ug/L
000270-82-6	Benzo[c]thiophene	230	J		13.9	ug/L
000090-12-0	Naphthalene, 1-methyl-	400	J		14.8	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:	08/18/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/18/25	
Client Sample ID:	MN-12C-081825DL		SDG No.:	Q2900	
Lab Sample ID:	Q2900-02DL		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

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

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

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MN-12C-081825DL	SDG No.:	Q2900
Lab Sample ID:	Q2900-02DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	250	UD	8.50	250	ug/L
10061-01-5	cis-1,3-Dichloropropene	250	UD	8.00	250	ug/L
79-00-5	1,1,2-Trichloroethane	250	UD	10.5	250	ug/L
591-78-6	2-Hexanone	1300	UD	44.5	1300	ug/L
124-48-1	Dibromochloromethane	250	UD	9.00	250	ug/L
106-93-4	1,2-Dibromoethane	250	UD	7.50	250	ug/L
127-18-4	Tetrachloroethene	180	JD	11.5	250	ug/L
108-90-7	Chlorobenzene	250	UD	6.00	250	ug/L
100-41-4	Ethyl Benzene	1800	D	6.50	250	ug/L
179601-23-1	m/p-Xylenes	1400	D	12.0	500	ug/L
95-47-6	o-Xylene	930	D	6.00	250	ug/L
100-42-5	Styrene	930	D	7.50	250	ug/L
75-25-2	Bromoform	250	UD	9.50	250	ug/L
98-82-8	Isopropylbenzene	35.2	JD	6.00	250	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	250	UD	13.0	250	ug/L
541-73-1	1,3-Dichlorobenzene	250	UD	8.00	250	ug/L
106-46-7	1,4-Dichlorobenzene	250	UD	9.50	250	ug/L
95-50-1	1,2-Dichlorobenzene	250	UD	8.00	250	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	250	UD	26.5	250	ug/L
120-82-1	1,2,4-Trichlorobenzene	250	UD	10.0	250	ug/L
87-61-6	1,2,3-Trichlorobenzene	250	UD	10.0	250	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.6		74 - 125	117%	SPK: 50
1868-53-7	Dibromofluoromethane	51.4		75 - 124	103%	SPK: 50
2037-26-5	Toluene-d8	49.8		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.7		77 - 121	115%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	227000	5.562			
540-36-3	1,4-Difluorobenzene	461000	6.769			
3114-55-4	Chlorobenzene-d5	464000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	241000	12.018			

Report of Analysis

Client:	AECOM		Date Collected:	08/18/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/18/25	
Client Sample ID:	DUP-01-081825		SDG No.:	Q2900	
Lab Sample ID:	Q2900-03		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
VX047445.D	1	08/20/25 16:09	VX082025

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	38.7		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	1.10	J	0.23	5.00	ug/L
67-64-1	Acetone	3.40	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	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	300	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	330	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	2900	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	310	E	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	2800	E	0.14	5.00	ug/L

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	DUP-01-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-03	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
VX047445.D	1	08/20/25 16:09	VX082025

[illegible]

Report of Analysis

Client:	AECOM		Date Collected:	08/18/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/18/25	
Client Sample ID:	DUP-01-081825		SDG No.:	Q2900	
Lab Sample ID:	Q2900-03		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
VX047445.D	1	08/20/25 16:09	VX082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
103-65-1	n-propylbenzene	15.9	J		11.3	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	520	J		11.4	ug/L
108-67-8	1,3,5-Trimethylbenzene	92.3	J		11.5	ug/L
95-63-6	1,2,4-Trimethylbenzene	360	J		11.8	ug/L
000100-80-1	Benzene, 1-ethenyl-3-methyl-	330	J		11.8	ug/L
99-87-6	p-Isopropyltoluene	5.10	J		12.0	ug/L
000496-11-7	Indane	730	J		12.2	ug/L
000095-13-6	Indene	3600	J		12.4	ug/L
065051-83-4	Benzene, (1-methyl-2-cyclopropen-1	470	J		13.3	ug/L
002177-47-1	2-Methylindene	570	J		13.4	ug/L
000275-51-4	Azulene	4700	J		13.8	ug/L
000270-82-6	Benzo[c]thiophene	260	J		13.9	ug/L
000090-12-0	Naphthalene, 1-methyl-	630	J		14.6	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:	08/18/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/18/25	
Client Sample ID:	DUP-01-081825DL		SDG No.:	Q2900	
Lab Sample ID:	Q2900-03DL		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
VX047464.D	50	08/21/25 13:04	VX082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	250	UD	11.0	250	ug/L
74-87-3	Chloromethane	250	UD	16.0	250	ug/L
75-01-4	Vinyl Chloride	54.3	JD	13.0	250	ug/L
74-83-9	Bromomethane	250	UD	72.0	250	ug/L
75-00-3	Chloroethane	250	UD	23.5	250	ug/L
75-69-4	Trichlorofluoromethane	250	UD	16.5	250	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	250	UD	12.5	250	ug/L
75-35-4	1,1-Dichloroethene	250	UD	11.5	250	ug/L
67-64-1	Acetone	85.8	JD	75.5	1300	ug/L
75-15-0	Carbon Disulfide	250	UD	10.5	250	ug/L
1634-04-4	Methyl tert-butyl Ether	250	UD	8.00	250	ug/L
79-20-9	Methyl Acetate	250	UD	13.5	250	ug/L
75-09-2	Methylene Chloride	250	UD	14.0	250	ug/L
156-60-5	trans-1,2-Dichloroethene	330	D	11.5	250	ug/L
75-34-3	1,1-Dichloroethane	250	UD	11.5	250	ug/L
110-82-7	Cyclohexane	250	UD	72.5	250	ug/L
78-93-3	2-Butanone	1300	UD	49.0	1300	ug/L
56-23-5	Carbon Tetrachloride	250	UD	12.5	250	ug/L
156-59-2	cis-1,2-Dichloroethene	340	D	9.50	250	ug/L
74-97-5	Bromochloromethane	250	UD	11.0	250	ug/L
67-66-3	Chloroform	250	UD	12.5	250	ug/L
71-55-6	1,1,1-Trichloroethane	250	UD	10.0	250	ug/L
108-87-2	Methylcyclohexane	250	UD	8.00	250	ug/L
71-43-2	Benzene	4300	D	7.50	250	ug/L
107-06-2	1,2-Dichloroethane	250	UD	11.0	250	ug/L
79-01-6	Trichloroethene	330	D	4.70	250	ug/L
78-87-5	1,2-Dichloropropane	250	UD	10.0	250	ug/L
75-27-4	Bromodichloromethane	250	UD	11.0	250	ug/L
108-10-1	4-Methyl-2-Pentanone	1300	UD	34.0	1300	ug/L
108-88-3	Toluene	4400	D	7.00	250	ug/L

Report of Analysis

Client:	AECOM		Date Collected:	08/18/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/18/25	
Client Sample ID:	DUP-01-081825DL		SDG No.:	Q2900	
Lab Sample ID:	Q2900-03DL		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
VX047464.D	50	08/21/25 13:04	VX082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	250	UD	8.50	250	ug/L
10061-01-5	cis-1,3-Dichloropropene	250	UD	8.00	250	ug/L
79-00-5	1,1,2-Trichloroethane	250	UD	10.5	250	ug/L
591-78-6	2-Hexanone	1300	UD	44.5	1300	ug/L
124-48-1	Dibromochloromethane	250	UD	9.00	250	ug/L
106-93-4	1,2-Dibromoethane	250	UD	7.50	250	ug/L
127-18-4	Tetrachloroethene	240	JD	11.5	250	ug/L
108-90-7	Chlorobenzene	250	UD	6.00	250	ug/L
100-41-4	Ethyl Benzene	1800	D	6.50	250	ug/L
179601-23-1	m/p-Xylenes	1500	D	12.0	500	ug/L
95-47-6	o-Xylene	1000	D	6.00	250	ug/L
100-42-5	Styrene	1200	D	7.50	250	ug/L
75-25-2	Bromoform	250	UD	9.50	250	ug/L
98-82-8	Isopropylbenzene	30.0	JD	6.00	250	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	250	UD	13.0	250	ug/L
541-73-1	1,3-Dichlorobenzene	250	UD	8.00	250	ug/L
106-46-7	1,4-Dichlorobenzene	250	UD	9.50	250	ug/L
95-50-1	1,2-Dichlorobenzene	250	UD	8.00	250	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	250	UD	26.5	250	ug/L
120-82-1	1,2,4-Trichlorobenzene	250	UD	10.0	250	ug/L
87-61-6	1,2,3-Trichlorobenzene	250	UD	10.0	250	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.8		74 - 125	120%	SPK: 50
1868-53-7	Dibromofluoromethane	50.6		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	49.7		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.6		77 - 121	113%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	217000	5.568			
540-36-3	1,4-Difluorobenzene	445000	6.769			
3114-55-4	Chlorobenzene-d5	447000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	233000	12.018			

Report of Analysis

Client:	AECOM		Date Collected:	08/18/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/18/25	
Client Sample ID:	DUP-01-081825DL		SDG No.:	Q2900	
Lab Sample ID:	Q2900-03DL		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
VX047464.D	50	08/21/25 13:04	VX082125

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:	08/18/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/18/25	
Client Sample ID:	MW-17B-081825		SDG No.:	Q2900	
Lab Sample ID:	Q2900-04		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
VX047474.D	1	08/21/25 16:35	VX082125

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	5.30	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	0.38	J	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	0.89	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	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:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MW-17B-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-04	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
VX047474.D	1	08/21/25 16:35	VX082125

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Report of Analysis

Client:	AECOM		Date Collected:	08/18/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/18/25	
Client Sample ID:	MW-17B-081825		SDG No.:	Q2900	
Lab Sample ID:	Q2900-04		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
VX047474.D	1	08/21/25 16:35	VX082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	85.3	J		1.26	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:	08/18/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/18/25	
Client Sample ID:	MW-11C-081825		SDG No.:	Q2900	
Lab Sample ID:	Q2900-05		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
VX047447.D	1	08/20/25 16:52	VX082025

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	230	E	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	0.92	J	0.23	5.00	ug/L
67-64-1	Acetone	4.20	J	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	1.30	J	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	1300	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	440	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	2500	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	49.6		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	730	E	0.14	5.00	ug/L

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MW-11C-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-05	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
VX047447.D	1	08/20/25 16:52	VX082025

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Report of Analysis

Client:	AECOM		Date Collected:	08/18/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/18/25	
Client Sample ID:	MW-11C-081825		SDG No.:	Q2900	
Lab Sample ID:	Q2900-05		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
VX047447.D	1	08/20/25 16:52	VX082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
103-65-1	n-propylbenzene	15.1	J		11.3	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	170	J		11.4	ug/L
95-63-6	1,2,4-Trimethylbenzene	240	J		11.8	ug/L
000100-80-1	Benzene, 1-ethenyl-3-methyl-	180	J		11.8	ug/L
99-87-6	p-Isopropyltoluene	3.10	J		12.0	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	160	J		12.1	ug/L
000496-11-7	Indane	360	J		12.2	ug/L
000095-13-6	Indene	1900	J		12.4	ug/L
002177-47-1	2-Methylindene	300	J		13.3	ug/L
065051-83-4	Benzene, (1-methyl-2-cyclopropen-1-yl)-	400	J		13.4	ug/L
000270-82-6	Benzo[c]thiophene	180	J		13.9	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:	08/18/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/18/25	
Client Sample ID:	MW-11C-081825DL		SDG No.:	Q2900	
Lab Sample ID:	Q2900-05DL		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
VX047465.D	50	08/21/25 13:25	VX082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	250	UD	11.0	250	ug/L
74-87-3	Chloromethane	250	UD	16.0	250	ug/L
75-01-4	Vinyl Chloride	240	JD	13.0	250	ug/L
74-83-9	Bromomethane	250	UD	72.0	250	ug/L
75-00-3	Chloroethane	250	UD	23.5	250	ug/L
75-69-4	Trichlorofluoromethane	250	UD	16.5	250	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	250	UD	12.5	250	ug/L
75-35-4	1,1-Dichloroethene	250	UD	11.5	250	ug/L
67-64-1	Acetone	1300	UD	75.5	1300	ug/L
75-15-0	Carbon Disulfide	250	UD	10.5	250	ug/L
1634-04-4	Methyl tert-butyl Ether	250	UD	8.00	250	ug/L
79-20-9	Methyl Acetate	250	UD	13.5	250	ug/L
75-09-2	Methylene Chloride	250	UD	14.0	250	ug/L
156-60-5	trans-1,2-Dichloroethene	1300	D	11.5	250	ug/L
75-34-3	1,1-Dichloroethane	250	UD	11.5	250	ug/L
110-82-7	Cyclohexane	250	UD	72.5	250	ug/L
78-93-3	2-Butanone	1300	UD	49.0	1300	ug/L
56-23-5	Carbon Tetrachloride	250	UD	12.5	250	ug/L
156-59-2	cis-1,2-Dichloroethene	420	D	9.50	250	ug/L
74-97-5	Bromochloromethane	250	UD	11.0	250	ug/L
67-66-3	Chloroform	250	UD	12.5	250	ug/L
71-55-6	1,1,1-Trichloroethane	250	UD	10.0	250	ug/L
108-87-2	Methylcyclohexane	250	UD	8.00	250	ug/L
71-43-2	Benzene	2900	D	7.50	250	ug/L
107-06-2	1,2-Dichloroethane	250	UD	11.0	250	ug/L
79-01-6	Trichloroethene	52.0	JD	4.70	250	ug/L
78-87-5	1,2-Dichloropropane	250	UD	10.0	250	ug/L
75-27-4	Bromodichloromethane	250	UD	11.0	250	ug/L
108-10-1	4-Methyl-2-Pentanone	1300	UD	34.0	1300	ug/L
108-88-3	Toluene	700	D	7.00	250	ug/L

Report of Analysis

Client:	AECOM		Date Collected:	08/18/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/18/25	
Client Sample ID:	MW-11C-081825DL		SDG No.:	Q2900	
Lab Sample ID:	Q2900-05DL		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
VX047465.D	50	08/21/25 13:25	VX082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	250	UD	8.50	250	ug/L
10061-01-5	cis-1,3-Dichloropropene	250	UD	8.00	250	ug/L
79-00-5	1,1,2-Trichloroethane	250	UD	10.5	250	ug/L
591-78-6	2-Hexanone	1300	UD	44.5	1300	ug/L
124-48-1	Dibromochloromethane	250	UD	9.00	250	ug/L
106-93-4	1,2-Dibromoethane	250	UD	7.50	250	ug/L
127-18-4	Tetrachloroethene	250	UD	11.5	250	ug/L
108-90-7	Chlorobenzene	250	UD	6.00	250	ug/L
100-41-4	Ethyl Benzene	510	D	6.50	250	ug/L
179601-23-1	m/p-Xylenes	270	JD	12.0	500	ug/L
95-47-6	o-Xylene	360	D	6.00	250	ug/L
100-42-5	Styrene	280	D	7.50	250	ug/L
75-25-2	Bromoform	250	UD	9.50	250	ug/L
98-82-8	Isopropylbenzene	31.4	JD	6.00	250	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	250	UD	13.0	250	ug/L
541-73-1	1,3-Dichlorobenzene	250	UD	8.00	250	ug/L
106-46-7	1,4-Dichlorobenzene	250	UD	9.50	250	ug/L
95-50-1	1,2-Dichlorobenzene	250	UD	8.00	250	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	250	UD	26.5	250	ug/L
120-82-1	1,2,4-Trichlorobenzene	250	UD	10.0	250	ug/L
87-61-6	1,2,3-Trichlorobenzene	250	UD	10.0	250	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.9		74 - 125	108%	SPK: 50
1868-53-7	Dibromofluoromethane	47.9		75 - 124	96%	SPK: 50
2037-26-5	Toluene-d8	48.5		86 - 113	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.3		77 - 121	113%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	217000	5.562			
540-36-3	1,4-Difluorobenzene	440000	6.769			
3114-55-4	Chlorobenzene-d5	437000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	229000	12.018			

Report of Analysis

Client:	AECOM		Date Collected:	08/18/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/18/25	
Client Sample ID:	MW-11C-081825DL		SDG No.:	Q2900	
Lab Sample ID:	Q2900-05DL		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
VX047465.D	50	08/21/25 13:25	VX082125

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:	08/18/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/18/25	
Client Sample ID:	MW-17C-081825		SDG No.:	Q2900	
Lab Sample ID:	Q2900-06		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
VX047471.D	1	08/21/25 15:31	VX082125

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	5.10	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:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MW-17C-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-06	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
VX047471.D	1	08/21/25 15:31	VX082125

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Report of Analysis

Client:	AECOM		Date Collected:	08/18/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/18/25	
Client Sample ID:	MW-17C-081825		SDG No.:	Q2900	
Lab Sample ID:	Q2900-06		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
VX047471.D	1	08/21/25 15:31	VX082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	180	J		1.27	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:	08/18/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/18/25	
Client Sample ID:	MW-11B-081825		SDG No.:	Q2900	
Lab Sample ID:	Q2900-07		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
VX047442.D	1	08/20/25 15:04	VX082025

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	1.60	J	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	3.10	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	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:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MW-11B-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-07	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
VX047442.D	1	08/20/25 15:04	VX082025

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Report of Analysis

Client:	AECOM		Date Collected:	08/18/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/18/25	
Client Sample ID:	MW-11B-081825		SDG No.:	Q2900	
Lab Sample ID:	Q2900-07		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
VX047442.D	1	08/20/25 15:04	VX082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	290	J		1.27	ug/L
103-65-1	n-propylbenzene	0.34	J		11.3	ug/L
000496-11-7	Indane	270	J		12.2	ug/L
003454-07-7	Benzene, 1-ethenyl-4-ethyl-	8.50	J		13.3	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:	08/18/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/18/25	
Client Sample ID:	MW-11B-081825RE		SDG No.:	Q2900	
Lab Sample ID:	Q2900-07RE		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
VX047469.D	1	08/21/25 14:49	VX082125

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	2.00	J	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	3.80	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	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:	08/18/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/18/25	
Client Sample ID:	MW-11B-081825RE		SDG No.:	Q2900	
Lab Sample ID:	Q2900-07RE		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
VX047469.D	1	08/21/25 14:49	VX082125

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	0.41	J	0.24	10.0	ug/L
95-47-6	o-Xylene	0.47	J	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	4.00	J	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	60.8		74 - 125	122%	SPK: 50
1868-53-7	Dibromofluoromethane	52.5		75 - 124	105%	SPK: 50
2037-26-5	Toluene-d8	51.4		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	62.3	*	77 - 121	125%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	220000	5.562			
540-36-3	1,4-Difluorobenzene	442000	6.769			
3114-55-4	Chlorobenzene-d5	451000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	247000	12.018			

Report of Analysis

Client:	AECOM		Date Collected:	08/18/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/18/25	
Client Sample ID:	TB-081825		SDG No.:	Q2900	
Lab Sample ID:	Q2900-08		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
VX047466.D	1	08/21/25 13:46	VX082125

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:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	TB-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-08	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
VX047466.D	1	08/21/25 13:46	VX082125

[illegible]

Report of Analysis

Client:	AECOM		Date Collected:	08/18/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/18/25	
Client Sample ID:	TB-081825		SDG No.:	Q2900	
Lab Sample ID:	Q2900-08		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
VX047466.D	1	08/21/25 13:46	VX082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
91-20-3	Naphthalene	2.20	J		13.8	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



QC SUMMARY

Surrogate Summary

SDG No.: **Q2900**

Client: **AECOM**

Analytical Method: **SW8260D**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q2900-01	MN-9C-081825	1,2-Dichloroethane-d4	50	59.2	118		74	125
		Dibromofluoromethane	50	51.5	103		75	124
		Toluene-d8	50	51.5	103		86	113
		4-Bromofluorobenzene	50	58.7	117		77	121
Q2900-02	MN-12C-081825	1,2-Dichloroethane-d4	50	63.7	127	*	74	125
		Dibromofluoromethane	50	66.1	132	*	75	124
		Toluene-d8	50	55.6	111		86	113
		4-Bromofluorobenzene	50	53.2	106		77	121
Q2900-02DL	MN-12C-081825DL	1,2-Dichloroethane-d4	50	58.5	117		74	125
		Dibromofluoromethane	50	51.4	103		75	124
		Toluene-d8	50	49.8	100		86	113
		4-Bromofluorobenzene	50	57.7	115		77	121
Q2900-03	DUP-01-081825	1,2-Dichloroethane-d4	50	62.9	126	*	74	125
		Dibromofluoromethane	50	59.3	119		75	124
		Toluene-d8	50	55.6	111		86	113
		4-Bromofluorobenzene	50	53.3	107		77	121
Q2900-03DL	DUP-01-081825DL	1,2-Dichloroethane-d4	50	59.8	120		74	125
		Dibromofluoromethane	50	50.6	101		75	124
		Toluene-d8	50	49.7	99		86	113
		4-Bromofluorobenzene	50	56.6	113		77	121
Q2900-04	MW-17B-081825	1,2-Dichloroethane-d4	50	60.3	121		74	125
		Dibromofluoromethane	50	50.0	100		75	124
		Toluene-d8	50	49.0	98		86	113
		4-Bromofluorobenzene	50	58.3	117		77	121
Q2900-05	MW-11C-081825	1,2-Dichloroethane-d4	50	55.3	111		74	125
		Dibromofluoromethane	50	55.9	112		75	124
		Toluene-d8	50	53.8	107		86	113
		4-Bromofluorobenzene	50	55.9	112		77	121
Q2900-05DL	MW-11C-081825DL	1,2-Dichloroethane-d4	50	53.9	108		74	125
		Dibromofluoromethane	50	47.9	96		75	124
		Toluene-d8	50	48.5	97		86	113
		4-Bromofluorobenzene	50	56.3	113		77	121
Q2900-06	MW-17C-081825	1,2-Dichloroethane-d4	50	60.7	121		74	125
		Dibromofluoromethane	50	50.7	101		75	124
		Toluene-d8	50	50.9	102		86	113
		4-Bromofluorobenzene	50	58.8	118		77	121
Q2900-07	MW-11B-081825	1,2-Dichloroethane-d4	50	63.1	126	*	74	125
		Dibromofluoromethane	50	53.7	107		75	124
		Toluene-d8	50	53.0	106		86	113
		4-Bromofluorobenzene	50	59.4	119		77	121
Q2900-07RE	MW-11B-081825RE	1,2-Dichloroethane-d4	50	60.8	122		74	125
		Dibromofluoromethane	50	52.5	105		75	124
		Toluene-d8	50	51.4	103		86	113
		4-Bromofluorobenzene	50	62.3	125	*	77	121
Q2900-08	TB-081825	1,2-Dichloroethane-d4	50	60.0	120		74	125
		Dibromofluoromethane	50	50.4	101		75	124
		Toluene-d8	50	50.2	100		86	113
		4-Bromofluorobenzene	50	57.7	115		77	121

Surrogate Summary

SDG No.: **Q2900**

Client: **AECOM**

Analytical Method: **SW8260-Low**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
VX0820WBL01	VX0820WBL01	1,2-Dichloroethane-d4	50	57.9	116		74	125
		Dibromofluoromethane	50	51.3	103		75	124
		Toluene-d8	50	50.7	101		86	113
		4-Bromofluorobenzene	50	55.9	112		77	121
VX0820WBS01	VX0820WBS01	1,2-Dichloroethane-d4	50	49.0	98		74	125
		Dibromofluoromethane	50	49.9	100		75	124
		Toluene-d8	50	49.2	98		86	113
		4-Bromofluorobenzene	50	50.2	100		77	121
VX0820WBSD0	VX0820WBSD01	1,2-Dichloroethane-d4	50	51.0	102		74	125
		Dibromofluoromethane	50	50.5	101		75	124
		Toluene-d8	50	50.2	100		86	113
		4-Bromofluorobenzene	50	51.7	103		77	121
VX0821WBL01	VX0821WBL01	1,2-Dichloroethane-d4	50	57.4	115		74	125
		Dibromofluoromethane	50	49.0	98		75	124
		Toluene-d8	50	48.7	97		86	113
		4-Bromofluorobenzene	50	55.6	111		77	121
VX0821WBS02	VX0821WBS02	1,2-Dichloroethane-d4	50	57.3	115		74	125
		Dibromofluoromethane	50	51.6	103		75	124
		Toluene-d8	50	50.2	100		86	113
		4-Bromofluorobenzene	50	55.6	111		77	121

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2900 Analytical Method: SW8260-Low
Client: AECOM Datafile : VX047430.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0820WBS01	Dichlorodifluoromethane	20	17.2	ug/L	86			69	116	
	Chloromethane	20	16.6	ug/L	83			65	116	
	Vinyl chloride	20	16.1	ug/L	81			65	117	
	Bromomethane	20	16.7	ug/L	84			58	125	
	Chloroethane	20	15.8	ug/L	79			56	128	
	Trichlorofluoromethane	20	17.1	ug/L	86			73	115	
	1,1,2-Trichlorotrifluoroethane	20	17.8	ug/L	89			80	112	
	1,1-Dichloroethene	20	16.8	ug/L	84			74	110	
	Acetone	100	89.6	ug/L	90			60	125	
	Carbon disulfide	20	15.5	ug/L	78			64	112	
	Methyl tert-butyl Ether	20	17.0	ug/L	85			78	114	
	Methyl Acetate	20	18.7	ug/L	94			67	125	
	Methylene Chloride	20	17.2	ug/L	86			72	114	
	trans-1,2-Dichloroethene	20	16.7	ug/L	84			75	108	
	1,1-Dichloroethane	20	17.2	ug/L	86			78	112	
	Cyclohexane	20	17.0	ug/L	85			75	110	
	2-Butanone	100	93.1	ug/L	93			65	122	
	Carbon Tetrachloride	20	17.5	ug/L	88			77	113	
	cis-1,2-Dichloroethene	20	17.1	ug/L	86			77	110	
	Bromochloromethane	20	19.9	ug/L	100			70	124	
	Chloroform	20	17.4	ug/L	87			79	113	
	1,1,1-Trichloroethane	20	17.2	ug/L	86			80	108	
	Methylcyclohexane	20	17.1	ug/L	86			72	115	
	Benzene	20	17.6	ug/L	88			82	109	
	1,2-Dichloroethane	20	17.6	ug/L	88			80	115	
	Trichloroethene	20	17.2	ug/L	86			77	113	
	1,2-Dichloropropane	20	17.3	ug/L	86			83	111	
	Bromodichloromethane	20	17.5	ug/L	88			83	110	
	4-Methyl-2-Pentanone	100	93.5	ug/L	94			74	118	
	Toluene	20	18.0	ug/L	90			82	110	
	t-1,3-Dichloropropene	20	17.6	ug/L	88			79	110	
	cis-1,3-Dichloropropene	20	17.4	ug/L	87			82	110	
	1,1,2-Trichloroethane	20	18.1	ug/L	91			83	112	
	2-Hexanone	100	91.6	ug/L	92			73	117	
	Dibromochloromethane	20	17.7	ug/L	89			82	110	
	1,2-Dibromoethane	20	17.4	ug/L	87			81	110	
	Tetrachloroethene	20	17.2	ug/L	86			67	123	
	Chlorobenzene	20	17.3	ug/L	86			82	109	
	Ethyl Benzene	20	17.6	ug/L	88			83	109	
	m/p-Xylenes	40	35.8	ug/L	90			82	110	
	o-Xylene	20	17.9	ug/L	90			83	109	
	Styrene	20	18.0	ug/L	90			80	111	
	Bromoform	20	17.6	ug/L	88			79	109	
	Isopropylbenzene	20	17.3	ug/L	86			83	112	
	1,1,2,2-Tetrachloroethane	20	17.6	ug/L	88			76	118	
	1,3-Dichlorobenzene	20	16.9	ug/L	85			82	108	
	1,4-Dichlorobenzene	20	17.0	ug/L	85			82	107	
	1,2-Dichlorobenzene	20	17.2	ug/L	86			82	109	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2900</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>AECOM</u>	Datafile :	<u>VX047430.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VX0820WBS01	1,2-Dibromo-3-Chloropropane	20	17.5	ug/L	88			68	112	
	1,2,4-Trichlorobenzene	20	16.3	ug/L	81			75	113	
	1,2,3-Trichlorobenzene	20	16.9	ug/L	85			76	114	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:		Q2900	SW-846		Analytical Method:		SW8260-Low
Client:		AECOM	Datafile :		VX047431.D		

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0820WBSD01	Dichlorodifluoromethane	20	16.4	ug/L	82	5		69	116	19
	Chloromethane	20	16.9	ug/L	85	2		65	116	21
	Vinyl chloride	20	16.3	ug/L	81	0		65	117	19
	Bromomethane	20	17.3	ug/L	86	2		58	125	20
	Chloroethane	20	16.5	ug/L	83	5		56	128	20
	Trichlorofluoromethane	20	16.6	ug/L	83	4		73	115	16
	1,1,2-Trichlorotrifluoroethane	20	17.5	ug/L	88	1		80	112	15
	1,1-Dichloroethene	20	16.3	ug/L	81	4		74	110	20
	Acetone	100	88.6	ug/L	89	1		60	125	20
	Carbon disulfide	20	15.5	ug/L	78	0		64	112	20
	Methyl tert-butyl Ether	20	17.9	ug/L	90	6		78	114	20
	Methyl Acetate	20	19.9	ug/L	100	6		67	125	20
	Methylene Chloride	20	17.6	ug/L	88	2		72	114	20
	trans-1,2-Dichloroethene	20	16.5	ug/L	83	1		75	108	16
	1,1-Dichloroethane	20	17.6	ug/L	88	2		78	112	20
	Cyclohexane	20	16.5	ug/L	83	2		75	110	20
	2-Butanone	100	99.5	ug/L	100	7		65	122	26
	Carbon Tetrachloride	20	17.1	ug/L	86	2		77	113	15
	cis-1,2-Dichloroethene	20	17.2	ug/L	86	0		77	110	20
	Bromochloromethane	20	20.5	ug/L	103	3		70	124	20
	Chloroform	20	18.0	ug/L	90	3		79	113	20
	1,1,1-Trichloroethane	20	17.3	ug/L	86	0		80	108	20
	Methylcyclohexane	20	16.6	ug/L	83	4		72	115	20
	Benzene	20	17.9	ug/L	90	2		82	109	15
	1,2-Dichloroethane	20	18.2	ug/L	91	3		80	115	20
	Trichloroethene	20	17.1	ug/L	86	0		77	113	15
	1,2-Dichloropropane	20	17.6	ug/L	88	2		83	111	16
	Bromodichloromethane	20	17.9	ug/L	90	2		83	110	16
	4-Methyl-2-Pentanone	100	98.0	ug/L	98	4		74	118	25
	Toluene	20	18.1	ug/L	91	1		82	110	16
	t-1,3-Dichloropropene	20	17.8	ug/L	89	1		79	110	20
	cis-1,3-Dichloropropene	20	17.8	ug/L	89	2		82	110	16
	1,1,2-Trichloroethane	20	18.9	ug/L	95	4		83	112	20
	2-Hexanone	100	95.5	ug/L	96	4		73	117	25
	Dibromochloromethane	20	18.3	ug/L	92	3		82	110	20
	1,2-Dibromoethane	20	19.0	ug/L	95	9		81	110	20
	Tetrachloroethene	20	17.0	ug/L	85	1		67	123	15
	Chlorobenzene	20	17.4	ug/L	87	1		82	109	15
	Ethyl Benzene	20	17.3	ug/L	86	2		83	109	16
	m/p-Xylenes	40	35.6	ug/L	89	1		82	110	15
	o-Xylene	20	17.3	ug/L	86	5		83	109	20
	Styrene	20	18.0	ug/L	90	0		80	111	17
	Bromoform	20	18.1	ug/L	91	3		79	109	20
	Isopropylbenzene	20	16.9	ug/L	85	1		83	112	29
	1,1,2,2-Tetrachloroethane	20	18.0	ug/L	90	2		76	118	20
	1,3-Dichlorobenzene	20	17.2	ug/L	86	1		82	108	20
	1,4-Dichlorobenzene	20	16.6	ug/L	83	2		82	107	15
	1,2-Dichlorobenzene	20	17.5	ug/L	88	2		82	109	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2900</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>AECOM</u>	Datafile :	<u>VX047431.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0820WBSD01	1,2-Dibromo-3-Chloropropane	20	17.5	ug/L	88	0		68	112	20
	1,2,4-Trichlorobenzene	20	16.6	ug/L	83	2		75	113	29
	1,2,3-Trichlorobenzene	20	17.4	ug/L	87	2		76	114	29

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:		Q2900	SW-846		Analytical Method:		SW8260-Low
Client:		AECOM	Datafile :		VX047467.D		

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0821WBS02	Dichlorodifluoromethane	20	18.6	ug/L	93			69	116	
	Chloromethane	20	19.6	ug/L	98			65	116	
	Vinyl chloride	20	19.3	ug/L	97			65	117	
	Bromomethane	20	20.0	ug/L	100			58	125	
	Chloroethane	20	20.6	ug/L	103			56	128	
	Trichlorofluoromethane	20	19.5	ug/L	98			73	115	
	1,1,2-Trichlorotrifluoroethane	20	19.7	ug/L	99			80	112	
	1,1-Dichloroethene	20	20.0	ug/L	100			74	110	
	Acetone	100	100	ug/L	100			60	125	
	Carbon disulfide	20	17.9	ug/L	90			64	112	
	Methyl tert-butyl Ether	20	22.2	ug/L	111			78	114	
	Methyl Acetate	20	24.1	ug/L	121			67	125	
	Methylene Chloride	20	22.0	ug/L	110			72	114	
	trans-1,2-Dichloroethene	20	20.6	ug/L	103			75	108	
	1,1-Dichloroethane	20	21.8	ug/L	109			78	112	
	Cyclohexane	20	19.7	ug/L	99			75	110	
	2-Butanone	100	120	ug/L	120			65	122	
	Carbon Tetrachloride	20	19.5	ug/L	98			77	113	
	cis-1,2-Dichloroethene	20	21.9	ug/L	110			77	110	
	Bromochloromethane	20	24.6	ug/L	123			70	124	
	Chloroform	20	22.6	ug/L	113			79	113	
	1,1,1-Trichloroethane	20	20.6	ug/L	103			80	108	
	Methylcyclohexane	20	17.7	ug/L	89			72	115	
	Benzene	20	20.6	ug/L	103			82	109	
	1,2-Dichloroethane	20	21.5	ug/L	108			80	115	
	Trichloroethene	20	20.1	ug/L	101			77	113	
	1,2-Dichloropropane	20	21.1	ug/L	106			83	111	
	Bromodichloromethane	20	20.8	ug/L	104			83	110	
	4-Methyl-2-Pentanone	100	110	ug/L	110			74	118	
	Toluene	20	21.0	ug/L	105			82	110	
	t-1,3-Dichloropropene	20	20.9	ug/L	104			79	110	
	cis-1,3-Dichloropropene	20	21.1	ug/L	106			82	110	
	1,1,2-Trichloroethane	20	21.9	ug/L	110			83	112	
	2-Hexanone	100	110	ug/L	110			73	117	
	Dibromochloromethane	20	21.3	ug/L	106			82	110	
	1,2-Dibromoethane	20	21.0	ug/L	105			81	110	
	Tetrachloroethene	20	18.2	ug/L	91			67	123	
	Chlorobenzene	20	19.9	ug/L	100			82	109	
	Ethyl Benzene	20	19.7	ug/L	99			83	109	
	m/p-Xylenes	40	40.2	ug/L	101			82	110	
	o-Xylene	20	20.5	ug/L	103			83	109	
	Styrene	20	20.8	ug/L	104			80	111	
	Bromoform	20	20.5	ug/L	103			79	109	
	Isopropylbenzene	20	18.9	ug/L	95			83	112	
	1,1,2,2-Tetrachloroethane	20	20.0	ug/L	100			76	118	
	1,3-Dichlorobenzene	20	18.8	ug/L	94			82	108	
	1,4-Dichlorobenzene	20	18.5	ug/L	93			82	107	
	1,2-Dichlorobenzene	20	19.2	ug/L	96			82	109	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2900</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>AECOM</u>	Datafile :	<u>VX047467.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VX0821WBS02	1,2-Dibromo-3-Chloropropane	20	19.2	ug/L	96			68	112	
	1,2,4-Trichlorobenzene	20	18.2	ug/L	91			75	113	
	1,2,3-Trichlorobenzene	20	18.3	ug/L	92			76	114	

VOLATILE METHOD BLANK SUMMARY

Client ID

VX0820WBL01

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q2900

Lab File ID: VX047429.D

Lab Sample ID: VX0820WBL01

Date Analyzed: 08/20/2025

Time Analyzed: 10:07

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

Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0820WBS01	VX0820WBS01	VX047430.D	08/20/2025
VX0820WBSD01	VX0820WBSD01	VX047431.D	08/20/2025
MW-11B-081825	Q2900-07	VX047442.D	08/20/2025
MN-9C-081825	Q2900-01	VX047443.D	08/20/2025
MN-12C-081825	Q2900-02	VX047444.D	08/20/2025
DUP-01-081825	Q2900-03	VX047445.D	08/20/2025
MW-11C-081825	Q2900-05	VX047447.D	08/20/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

Client ID

VX0821WBL01

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q2900

Lab File ID: VX047457.D

Lab Sample ID: VX0821WBL01

Date Analyzed: 08/21/2025

Time Analyzed: 10:24

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

Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MN-12C-081825DL	Q2900-02DL	VX047463.D	08/21/2025
DUP-01-081825DL	Q2900-03DL	VX047464.D	08/21/2025
MW-11C-081825DL	Q2900-05DL	VX047465.D	08/21/2025
TB-081825	Q2900-08	VX047466.D	08/21/2025
VX0821WBS02	VX0821WBS02	VX047467.D	08/21/2025
MW-11B-081825RE	Q2900-07RE	VX047469.D	08/21/2025
MW-17C-081825	Q2900-06	VX047471.D	08/21/2025
MW-17B-081825	Q2900-04	VX047474.D	08/21/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q2900

Lab File ID: VX047347.D

BFB Injection Date: 08/15/2025

Instrument ID: MSVOA_X

BFB Injection Time: 08:28

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	19.3
75	30.0 - 60.0% of mass 95	51.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.9 (1.1) 1
174	50.0 - 100.0% of mass 95	74.3
175	5.0 - 9.0% of mass 174	6.1 (8.2) 1
176	95.0 - 101.0% of mass 174	71.9 (96.8) 1
177	5.0 - 9.0% of mass 176	4.4 (6.2) 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
VSTDIC005	VSTDIC005	VX047349.D	08/15/2025	09:40
VSTDIC020	VSTDIC020	VX047350.D	08/15/2025	10:01
VSTDIC050	VSTDIC050	VX047351.D	08/15/2025	10:22
VSTDIC100	VSTDIC100	VX047352.D	08/15/2025	10:43
VSTDIC150	VSTDIC150	VX047353.D	08/15/2025	11:05
VSTDIC001	VSTDIC001	VX047356.D	08/15/2025	12:30

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: VX047426.D
Instrument ID: MSVOA_X
GC Column: DB-624UI ID: 0.18 (mm)

Contract: AECO02
SDG NO.: Q2900
BFB Injection Date: 08/20/2025
BFB Injection Time: 07:50
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.4
75	30.0 - 60.0% of mass 95	52.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.8 (1) 1
174	50.0 - 100.0% of mass 95	75.4
175	5.0 - 9.0% of mass 174	6 (7.9) 1
176	95.0 - 101.0% of mass 174	72.1 (95.6) 1
177	5.0 - 9.0% of mass 176	5 (6.9) 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	VX047427.D	08/20/2025	09:25
VX0820WBL01	VX0820WBL01	VX047429.D	08/20/2025	10:07
VX0820WBS01	VX0820WBS01	VX047430.D	08/20/2025	10:35
VX0820WBSD01	VX0820WBSD01	VX047431.D	08/20/2025	11:06
MW-11B-081825	Q2900-07	VX047442.D	08/20/2025	15:04
MN-9C-081825	Q2900-01	VX047443.D	08/20/2025	15:25
MN-12C-081825	Q2900-02	VX047444.D	08/20/2025	15:47
DUP-01-081825	Q2900-03	VX047445.D	08/20/2025	16:09
MW-11C-081825	Q2900-05	VX047447.D	08/20/2025	16:52

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q2900

Lab File ID: VX047454.D

BFB Injection Date: 08/21/2025

Instrument ID: MSVOA_X

BFB Injection Time: 07:58

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	19.4
75	30.0 - 60.0% of mass 95	51.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.8 (1) 1
174	50.0 - 100.0% of mass 95	77.9
175	5.0 - 9.0% of mass 174	5.5 (7.1) 1
176	95.0 - 101.0% of mass 174	74.3 (95.4) 1
177	5.0 - 9.0% of mass 176	5 (6.7) 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	VX047455.D	08/21/2025	09:35
VX0821WBL01	VX0821WBL01	VX047457.D	08/21/2025	10:24
MN-12C-081825DL	Q2900-02DL	VX047463.D	08/21/2025	12:43
DUP-01-081825DL	Q2900-03DL	VX047464.D	08/21/2025	13:04
MW-11C-081825DL	Q2900-05DL	VX047465.D	08/21/2025	13:25
TB-081825	Q2900-08	VX047466.D	08/21/2025	13:46
VX0821WBS02	VX0821WBS02	VX047467.D	08/21/2025	14:07
MW-11B-081825RE	Q2900-07RE	VX047469.D	08/21/2025	14:49
MW-17C-081825	Q2900-06	VX047471.D	08/21/2025	15:31
MW-17B-081825	Q2900-04	VX047474.D	08/21/2025	16:35

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: AECO02
Lab Code: ACE SDG NO.: Q2900
Lab File ID: VX047427.D Date Analyzed: 08/20/2025
Instrument ID: MSVOA_X Time Analyzed: 09:25
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	222102	5.56	369648	6.76	338607	10.05
UPPER LIMIT	444204	6.056	739296	7.263	677214	10.549
LOWER LIMIT	111051	5.056	184824	6.263	169304	9.549
EPA SAMPLE NO.						
MN-9C-081825	203680	5.57	413174	6.78	412185	10.06
MN-12C-081825	210277	5.57	348314	6.78	344337	10.06
DUP-01-081825	210048	5.57	368410	6.78	367281	10.06
MW-11C-081825	207711	5.57	360319	6.78	375441	10.06
MW-11B-081825	269768	5.57	559138	6.78	560769	10.06
VX0820WBL01	280589	5.57	574542	6.77	560929	10.06
VX0820WBS01	244648	5.56	407608	6.76	368354	10.06
VX0820WBSD01	227988	5.56	384011	6.76	353527	10.06

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: Alliance Contract: AECO02
 Lab Code: ACE SDG NO.: Q2900
 Lab File ID: VX047427.D Date Analyzed: 08/20/2025
 Instrument ID: MSVOA_X Time Analyzed: 09:25
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	165668	12.018				
UPPER LIMIT	331336	12.518				
LOWER LIMIT	82834	11.518				
EPA SAMPLE NO.						
MN-9C-081825	214243	12.02				
MN-12C-081825	172936	12.02				
DUP-01-081825	176836	12.02				
MW-11C-081825	174957	12.02				
MW-11B-081825	289774	12.02				
VX0820WBL01	279679	12.02				
VX0820WBS01	188940	12.02				
VX0820WBSD01	182846	12.02				

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.: Q2900
Lab File ID: VX047455.D Date Analyzed: 08/21/2025
Instrument ID: MSVOA_X Time Analyzed: 09:35
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	229258	5.56	398048	6.76	349454	10.05
UPPER LIMIT	458516	6.056	796096	7.263	698908	10.549
LOWER LIMIT	114629	5.056	199024	6.263	174727	9.549
EPA SAMPLE NO.						
MN-12C-081825DL	227403	5.56	460617	6.77	463667	10.06
DUP-01-081825DL	216774	5.57	445116	6.77	446806	10.06
MW-17B-081825	198174	5.57	406946	6.77	409661	10.06
MW-11C-081825DL	217485	5.56	440392	6.77	436547	10.06
MW-17C-081825	194869	5.57	401435	6.77	409187	10.06
MW-11B-081825RE	220177	5.56	441647	6.77	451408	10.06
TB-081825	223325	5.56	459689	6.77	461078	10.06
VX0821WBL01	216518	5.56	445927	6.77	448054	10.06
VX0821WBS02	219757	5.56	395822	6.77	370697	10.06

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>Q2900</u>
Lab File ID:	<u>VX047455.D</u>	Date Analyzed:	<u>08/21/2025</u>
Instrument ID:	<u>MSVOA_X</u>	Time Analyzed:	<u>09:35</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	170891	12.018				
UPPER LIMIT	341782	12.518				
LOWER LIMIT	85445.5	11.518				
EPA SAMPLE NO.						
MN-12C-081825DL	240978	12.02				
DUP-01-081825DL	233270	12.02				
MW-17B-081825	216444	12.02				
MW-11C-081825DL	229381	12.02				
MW-17C-081825	210796	12.02				
MW-11B-081825RE	247196	12.02				
TB-081825	239770	12.02				
VX0821WBL01	231897	12.02				
VX0821WBS02	193487	12.02				

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:	VX0820WBL01	SDG No.:	Q2900	
Lab Sample ID:	VX0820WBL01	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
VX047429.D	1	08/20/25 10:07	VX082025

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:	VX0820WBL01	SDG No.:	Q2900	
Lab Sample ID:	VX0820WBL01	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
VX047429.D	1	08/20/25 10:07	VX082025

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	57.9		74 - 125	116%	SPK: 50
1868-53-7	Dibromofluoromethane	51.3		75 - 124	103%	SPK: 50
2037-26-5	Toluene-d8	50.7		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.9		77 - 121	112%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	281000	5.568			
540-36-3	1,4-Difluorobenzene	575000	6.769			
3114-55-4	Chlorobenzene-d5	561000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	280000	12.018			

Report of Analysis

Client:	AECOM		Date Collected:	
Project:	National Grid Equity - Brooklyn NY		Date Received:	
Client Sample ID:	VX0820WBL01		SDG No.:	Q2900
Lab Sample ID:	VX0820WBL01		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
VX047429.D	1	08/20/25 10:07	VX082025

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:	VX0821WBL01	SDG No.:	Q2900	
Lab Sample ID:	VX0821WBL01	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
VX047457.D	1	08/21/25 10:24	VX082125

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:	VX0821WBL01	SDG No.:	Q2900	
Lab Sample ID:	VX0821WBL01	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
VX047457.D	1	08/21/25 10:24	VX082125

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	57.4		74 - 125	115%	SPK: 50
1868-53-7	Dibromofluoromethane	48.9		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	48.7		86 - 113	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.6		77 - 121	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	217000	5.562			
540-36-3	1,4-Difluorobenzene	446000	6.769			
3114-55-4	Chlorobenzene-d5	448000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	232000	12.018			

Report of Analysis

Client:	AECOM		Date Collected:	
Project:	National Grid Equity - Brooklyn NY		Date Received:	
Client Sample ID:	VX0821WBL01		SDG No.:	Q2900
Lab Sample ID:	VX0821WBL01		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
VX047457.D	1	08/21/25 10:24	VX082125

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:	VX0820WBS01		SDG No.:	Q2900	
Lab Sample ID:	VX0820WBS01		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
VX047430.D	1	08/20/25 10:35	VX082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	17.2		0.22	1.00	ug/L
74-87-3	Chloromethane	16.6		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	16.1		0.26	1.00	ug/L
74-83-9	Bromomethane	16.7		1.40	5.00	ug/L
75-00-3	Chloroethane	15.8		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	17.1		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	17.8		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	16.8		0.23	1.00	ug/L
67-64-1	Acetone	89.6		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	15.5		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	17.0		0.16	1.00	ug/L
79-20-9	Methyl Acetate	18.7		0.27	1.00	ug/L
75-09-2	Methylene Chloride	17.2		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	16.7		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	17.2		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.0		1.50	5.00	ug/L
78-93-3	2-Butanone	93.1		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	17.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	17.1		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.9		0.22	1.00	ug/L
67-66-3	Chloroform	17.4		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	17.2		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	17.1		0.16	1.00	ug/L
71-43-2	Benzene	17.6		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	17.6		0.22	1.00	ug/L
79-01-6	Trichloroethene	17.2		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	17.3		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	17.5		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	93.5		0.68	5.00	ug/L
108-88-3	Toluene	18.0		0.14	1.00	ug/L

Report of Analysis

Client:	AECOM		Date Collected:		
Project:	National Grid Equity - Brooklyn NY		Date Received:		
Client Sample ID:	VX0820WBS01		SDG No.:	Q2900	
Lab Sample ID:	VX0820WBS01		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
VX047430.D	1	08/20/25 10:35	VX082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	17.6		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	17.4		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.1		0.21	1.00	ug/L
591-78-6	2-Hexanone	91.6		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	17.7		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	17.4		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	17.2		0.23	1.00	ug/L
108-90-7	Chlorobenzene	17.3		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	17.6		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	35.8		0.24	2.00	ug/L
95-47-6	o-Xylene	17.9		0.12	1.00	ug/L
100-42-5	Styrene	18.0		0.15	1.00	ug/L
75-25-2	Bromoform	17.6		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	17.3		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	17.6		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	16.9		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.0		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	17.2		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	17.5		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	16.3		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	16.9		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.0		74 - 125	98%	SPK: 50
1868-53-7	Dibromofluoromethane	49.8		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	49.2		86 - 113	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.2		77 - 121	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	245000	5.556			
540-36-3	1,4-Difluorobenzene	408000	6.763			
3114-55-4	Chlorobenzene-d5	368000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	189000	12.018			

Report of Analysis

Client:	AECOM		Date Collected:	
Project:	National Grid Equity - Brooklyn NY		Date Received:	
Client Sample ID:	VX0820WBS01		SDG No.:	Q2900
Lab Sample ID:	VX0820WBS01		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
VX047430.D	1	08/20/25 10:35	VX082025

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:	VX0821WBS02	SDG No.:	Q2900	
Lab Sample ID:	VX0821WBS02	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
VX047467.D	1	08/21/25 14:07	VX082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.6		0.22	1.00	ug/L
74-87-3	Chloromethane	19.6		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.3		0.26	1.00	ug/L
74-83-9	Bromomethane	20.0		1.40	5.00	ug/L
75-00-3	Chloroethane	20.6		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.5		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.7		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	20.0		0.23	1.00	ug/L
67-64-1	Acetone	100		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.9		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	22.2		0.16	1.00	ug/L
79-20-9	Methyl Acetate	24.1		0.27	1.00	ug/L
75-09-2	Methylene Chloride	22.0		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	20.6		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	21.8		0.23	1.00	ug/L
110-82-7	Cyclohexane	19.7		1.50	5.00	ug/L
78-93-3	2-Butanone	120		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	21.9		0.19	1.00	ug/L
74-97-5	Bromochloromethane	24.6		0.22	1.00	ug/L
67-66-3	Chloroform	22.6		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.6		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	17.7		0.16	1.00	ug/L
71-43-2	Benzene	20.6		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.5		0.22	1.00	ug/L
79-01-6	Trichloroethene	20.1		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	21.1		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.8		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L
108-88-3	Toluene	21.0		0.14	1.00	ug/L

Report of Analysis

Client:	AECOM		Date Collected:	
Project:	National Grid Equity - Brooklyn NY		Date Received:	
Client Sample ID:	VX0821WBS02	SDG No.:	Q2900	
Lab Sample ID:	VX0821WBS02	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
VX047467.D	1	08/21/25 14:07	VX082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	20.9		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	21.1		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.9		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	21.3		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	21.0		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.2		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.9		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.7		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	40.2		0.24	2.00	ug/L
95-47-6	o-Xylene	20.5		0.12	1.00	ug/L
100-42-5	Styrene	20.8		0.15	1.00	ug/L
75-25-2	Bromoform	20.5		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	18.9		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.0		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.8		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.5		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.2		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.2		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.2		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.3		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.3		74 - 125	115%	SPK: 50
1868-53-7	Dibromofluoromethane	51.6		75 - 124	103%	SPK: 50
2037-26-5	Toluene-d8	50.2		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.6		77 - 121	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	220000	5.562			
540-36-3	1,4-Difluorobenzene	396000	6.769			
3114-55-4	Chlorobenzene-d5	371000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	193000	12.018			

Report of Analysis

Client:	AECOM		Date Collected:	
Project:	National Grid Equity - Brooklyn NY		Date Received:	
Client Sample ID:	VX0821WBS02		SDG No.:	Q2900
Lab Sample ID:	VX0821WBS02		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
VX047467.D	1	08/21/25 14:07	VX082125

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:	VX0820WBSD01	SDG No.:	Q2900	
Lab Sample ID:	VX0820WBSD01	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
VX047431.D	1	08/20/25 11:06	VX082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	16.4		0.22	1.00	ug/L
74-87-3	Chloromethane	16.9		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	16.3		0.26	1.00	ug/L
74-83-9	Bromomethane	17.3		1.40	5.00	ug/L
75-00-3	Chloroethane	16.5		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	16.6		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	17.5		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	16.3		0.23	1.00	ug/L
67-64-1	Acetone	88.6		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	15.5		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	17.9		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.9		0.27	1.00	ug/L
75-09-2	Methylene Chloride	17.6		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	16.5		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	17.6		0.23	1.00	ug/L
110-82-7	Cyclohexane	16.5		1.50	5.00	ug/L
78-93-3	2-Butanone	99.5		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	17.1		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	17.2		0.19	1.00	ug/L
74-97-5	Bromochloromethane	20.5		0.22	1.00	ug/L
67-66-3	Chloroform	18.0		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	17.3		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	16.6		0.16	1.00	ug/L
71-43-2	Benzene	17.9		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.2		0.22	1.00	ug/L
79-01-6	Trichloroethene	17.1		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	17.6		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	17.9		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	98.0		0.68	5.00	ug/L
108-88-3	Toluene	18.1		0.14	1.00	ug/L

Report of Analysis

Client:	AECOM		Date Collected:	
Project:	National Grid Equity - Brooklyn NY		Date Received:	
Client Sample ID:	VX0820WBSD01	SDG No.:	Q2900	
Lab Sample ID:	VX0820WBSD01	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
VX047431.D	1	08/20/25 11:06	VX082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	17.8		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	17.8		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.9		0.21	1.00	ug/L
591-78-6	2-Hexanone	95.5		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	18.3		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.0		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	17.0		0.23	1.00	ug/L
108-90-7	Chlorobenzene	17.4		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	17.3		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	35.6		0.24	2.00	ug/L
95-47-6	o-Xylene	17.3		0.12	1.00	ug/L
100-42-5	Styrene	18.0		0.15	1.00	ug/L
75-25-2	Bromoform	18.1		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	16.9		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.0		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	17.2		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	16.6		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	17.5		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	17.5		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	16.6		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.4		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.0		74 - 125	102%	SPK: 50
1868-53-7	Dibromofluoromethane	50.4		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	50.2		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.7		77 - 121	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	228000	5.556			
540-36-3	1,4-Difluorobenzene	384000	6.763			
3114-55-4	Chlorobenzene-d5	354000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	183000	12.018			

Report of Analysis

Client:	AECOM		Date Collected:	
Project:	National Grid Equity - Brooklyn NY		Date Received:	
Client Sample ID:	VX0820WBSD01		SDG No.:	Q2900
Lab Sample ID:	VX0820WBSD01		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
VX047431.D	1	08/20/25 11:06	VX082025

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>Q2900</u>
Instrument ID: <u>MSVOA_X</u>	Calibration Date(s): <u>08/15/2025</u> <u>08/15/2025</u>
Heated Purge: (Y/N) <u>N</u>	Calibration Time(s): <u>09:40</u> <u>12:30</u>
GC Column: <u>DB-624UI</u> ID: <u>0.18</u> (mm)	

LAB FILE ID:		RRF005 = VX047349.D		RRF020 = VX047350.D		RRF050 = VX047351.D		
		RRF100 = VX047352.D		RRF150 = VX047353.D		RRF001 = VX047356.D		
COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	RRF	% RSD
Dichlorodifluoromethane	0.558	0.638	0.731	0.671	0.680	0.546	0.637	11.4
Chloromethane	0.539	0.568	0.624	0.567	0.594	0.549	0.573	5.4
Vinyl Chloride	0.651	0.751	0.800	0.729	0.757	0.630	0.720	9.2
Bromomethane	0.251	0.296	0.336	0.309	0.261		0.291	11.9
Chloroethane	0.392	0.440	0.463	0.410	0.422	0.515	0.440	10
Trichlorofluoromethane	1.012	1.121	1.188	1.060	1.069	0.938	1.065	8.1
1,1,2-Trichlorotrifluoroethane	0.589	0.664	0.697	0.624	0.637	0.494	0.618	11.4
1,1-Dichloroethene	0.575	0.664	0.697	0.635	0.651	0.555	0.630	8.6
Acetone	0.259	0.310	0.280	0.240	0.240	0.249	0.263	10.5
Carbon Disulfide	1.747	1.916	1.993	1.819	1.854	2.069	1.900	6.2
Methyl tert-butyl Ether	1.768	2.019	2.175	1.962	2.014	1.554	1.915	11.5
Methyl Acetate	0.620	0.661	0.769	0.689	0.728	0.621	0.682	8.7
Methylene Chloride	0.645	0.732	0.757	0.669	0.684	0.691	0.697	5.9
trans-1,2-Dichloroethene	0.638	0.705	0.725	0.655	0.664	0.621	0.668	6
1,1-Dichloroethane	1.180	1.294	1.356	1.210	1.238	1.052	1.222	8.5
Cyclohexane	1.024	1.202	1.210	1.082	1.113		1.126	7
2-Butanone	0.328	0.378	0.389	0.342	0.343	0.287	0.344	10.6
Carbon Tetrachloride	0.536	0.596	0.607	0.549	0.554	0.515	0.560	6.3
cis-1,2-Dichloroethene	0.758	0.826	0.846	0.769	0.779	0.692	0.778	7
Bromochloromethane	0.543	0.402	0.540	0.560	0.525	0.481	0.508	11.6
Chloroform	1.236	1.328	1.368	1.214	1.243	1.091	1.247	7.8
1,1,1-Trichloroethane	1.043	1.151	1.195	1.081	1.106	0.863	1.073	10.8
Methylcyclohexane	0.589	0.673	0.695	0.640	0.642	0.595	0.639	6.5
Benzene	1.502	1.665	1.701	1.516	1.504	1.312	1.533	9.1
1,2-Dichloroethane	0.521	0.594	0.600	0.532	0.528	0.484	0.543	8.3
Trichloroethene	0.383	0.423	0.432	0.390	0.391	0.336	0.393	8.6
1,2-Dichloropropane	0.349	0.415	0.421	0.381	0.382	0.357	0.384	7.6
Bromodichloromethane	0.548	0.621	0.635	0.578	0.573	0.513	0.578	7.8
4-Methyl-2-Pentanone	0.408	0.479	0.509	0.451	0.444	0.346	0.440	13
Toluene	0.920	1.043	1.057	0.936	0.927	0.802	0.947	9.9

* 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>Q2900</u>
Instrument ID: <u>MSVOA_X</u>	Calibration Date(s): <u>08/15/2025</u> <u>08/15/2025</u>
Heated Purge: (Y/N) <u>N</u>	Calibration Time(s): <u>09:40</u> <u>12:30</u>
GC Column: <u>DB-624UI</u> ID: <u>0.18</u> (mm)	

LAB FILE ID:		RRF005 = VX047349.D		RRF020 = VX047350.D		RRF050 = VX047351.D		
		RRF100 = VX047352.D		RRF150 = VX047353.D		RRF001 = VX047356.D		
COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	RRF	% RSD
t-1,3-Dichloropropene	0.444	0.537	0.584	0.541	0.550	0.371	0.505	15.9
cis-1,3-Dichloropropene	0.531	0.608	0.642	0.592	0.602	0.451	0.571	12
1,1,2-Trichloroethane	0.358	0.393	0.396	0.352	0.347	0.313	0.360	8.6
2-Hexanone	0.284	0.338	0.347	0.310	0.306	0.239	0.304	12.9
Dibromochloromethane	0.412	0.461	0.464	0.426	0.420	0.382	0.428	7.3
1,2-Dibromoethane	0.358	0.397	0.409	0.365	0.361	0.336	0.371	7.2
Tetrachloroethene	0.351	0.384	0.398	0.360	0.360	0.316	0.362	7.8
Chlorobenzene	1.163	1.268	1.286	1.163	1.175	1.073	1.188	6.6
Ethyl Benzene	1.941	2.216	2.277	2.062	2.056	1.718	2.045	9.8
m/p-Xylenes	0.722	0.831	0.858	0.765	0.759	0.642	0.763	10.2
o-Xylene	0.679	0.793	0.813	0.735	0.732	0.651	0.734	8.6
Styrene	1.186	1.397	1.411	1.271	1.266	0.909	1.240	14.8
Bromoform	0.294	0.322	0.335	0.306	0.313	0.241	0.302	10.9
Isopropylbenzene	3.547	4.192	4.399	4.048	4.080	3.211	3.913	11.4
1,1,2,2-Tetrachloroethane	1.077	1.208	1.269	1.142	1.152	1.044	1.149	7.2
1,3-Dichlorobenzene	1.719	1.907	1.983	1.811	1.823	1.710	1.825	5.8
1,4-Dichlorobenzene	1.788	1.952	1.986	1.788	1.814	1.936	1.877	4.8
1,2-Dichlorobenzene	1.617	1.851	1.862	1.705	1.729	1.631	1.733	6.1
1,2-Dibromo-3-Chloropropane	0.182	0.225	0.247	0.238	0.249	0.191	0.222	13
1,2,4-Trichlorobenzene	1.030	1.168	1.234	1.191	1.204	1.144	1.161	6.2
1,2,3-Trichlorobenzene	0.919	1.109	1.174	1.132	1.160	1.075	1.095	8.5
1,2-Dichloroethane-d4	0.709	0.581	0.700	0.747	0.762		0.700	10.2
Dibromofluoromethane	0.310	0.278	0.331	0.354	0.349		0.325	9.6
Toluene-d8	1.157	0.994	1.171	1.246	1.232		1.160	8.7
4-Bromofluorobenzene	0.441	0.371	0.428	0.452	0.448		0.428	7.8

* 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>Q2900</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>08/20/2025 09:25</u>
Lab File ID:	<u>VX047427.D</u>	Init. Calib. Date(s):	<u>08/15/2025 08/15/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:40 12:30</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.637	0.619		-2.83	20
Chloromethane	0.573	0.524	0.1	-8.55	20
Vinyl Chloride	0.720	0.671		-6.81	20
Bromomethane	0.291	0.280		-3.78	20
Chloroethane	0.440	0.388		-11.82	20
Trichlorofluoromethane	1.065	1.004		-5.73	20
1,1,2-Trichlorotrifluoroethane	0.618	0.619		0.16	20
1,1-Dichloroethene	0.630	0.586		-6.98	20
Acetone	0.263	0.306		16.35	20
Carbon Disulfide	1.900	1.634		-14	20
Methyl tert-butyl Ether	1.915	1.920		0.26	20
Methyl Acetate	0.682	0.758		11.14	20
Methylene Chloride	0.697	0.654		-6.17	20
trans-1,2-Dichloroethene	0.668	0.621		-7.04	20
1,1-Dichloroethane	1.222	1.158	0.1	-5.24	20
Cyclohexane	1.126	1.049		-6.84	20
2-Butanone	0.344	0.389		13.08	20
Carbon Tetrachloride	0.560	0.532		-5	20
cis-1,2-Dichloroethene	0.778	0.733		-5.78	20
Bromochloromethane	0.508	0.535		5.32	20
Chloroform	1.247	1.188		-4.73	20
1,1,1-Trichloroethane	1.073	1.016		-5.31	20
Methylcyclohexane	0.639	0.615		-3.76	20
Benzene	1.533	1.484		-3.2	20
1,2-Dichloroethane	0.543	0.539		-0.74	20
Trichloroethene	0.393	0.368		-6.36	20
1,2-Dichloropropane	0.384	0.378		-1.56	20
Bromodichloromethane	0.578	0.576		-0.35	20
4-Methyl-2-Pentanone	0.440	0.471		7.05	20
Toluene	0.947	0.929		-1.9	20
t-1,3-Dichloropropene	0.505	0.529		4.75	20
cis-1,3-Dichloropropene	0.571	0.580		1.58	20
1,1,2-Trichloroethane	0.360	0.361		0.28	20
2-Hexanone	0.304	0.329		8.22	20
Dibromochloromethane	0.428	0.430		0.47	20
1,2-Dibromoethane	0.371	0.370		-0.27	20
Tetrachloroethene	0.362	0.335		-7.46	20
Chlorobenzene	1.188	1.113	0.3	-6.31	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>Q2900</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>08/20/2025</u> <u>09:25</u>
Lab File ID:	<u>VX047427.D</u>	Init. Calib. Date(s):	<u>08/15/2025</u> <u>08/15/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:40</u> <u>12:30</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	2.045	1.938		-5.23	20
m/p-Xylenes	0.763	0.737		-3.41	20
o-Xylene	0.734	0.703		-4.22	20
Styrene	1.240	1.217		-1.86	20
Bromoform	0.302	0.303	0.1	0.33	20
Isopropylbenzene	3.913	3.810		-2.63	20
1,1,2,2-Tetrachloroethane	1.149	1.148	0.3	-0.09	20
1,3-Dichlorobenzene	1.825	1.723		-5.59	20
1,4-Dichlorobenzene	1.877	1.739		-7.35	20
1,2-Dichlorobenzene	1.733	1.647		-4.96	20
1,2-Dibromo-3-Chloropropane	0.222	0.224		0.9	20
1,2,4-Trichlorobenzene	1.161	1.121		-3.44	20
1,2,3-Trichlorobenzene	1.095	1.065		-2.74	20
1,2-Dichloroethane-d4	0.700	0.747		6.71	20
Dibromofluoromethane	0.325	0.355		9.23	20
Toluene-d8	1.160	1.231		6.12	20
4-Bromofluorobenzene	0.428	0.465		8.65	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>Q2900</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>08/21/2025 09:35</u>
Lab File ID:	<u>VX047455.D</u>	Init. Calib. Date(s):	<u>08/15/2025 08/15/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:40 12:30</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.637	0.598		-6.12	20
Chloromethane	0.573	0.516	0.1	-9.95	20
Vinyl Chloride	0.720	0.680		-5.56	20
Bromomethane	0.291	0.296		1.72	20
Chloroethane	0.440	0.405		-7.95	20
Trichlorofluoromethane	1.065	0.995		-6.57	20
1,1,2-Trichlorotrifluoroethane	0.618	0.599		-3.07	20
1,1-Dichloroethene	0.630	0.604		-4.13	20
Acetone	0.263	0.297		12.93	20
Carbon Disulfide	1.900	1.648		-13.26	20
Methyl tert-butyl Ether	1.915	2.010		4.96	20
Methyl Acetate	0.682	0.764		12.02	20
Methylene Chloride	0.697	0.692		-0.72	20
trans-1,2-Dichloroethene	0.668	0.627		-6.14	20
1,1-Dichloroethane	1.222	1.230	0.1	0.65	20
Cyclohexane	1.126	1.035		-8.08	20
2-Butanone	0.344	0.378		9.88	20
Carbon Tetrachloride	0.560	0.506		-9.64	20
cis-1,2-Dichloroethene	0.778	0.772		-0.77	20
Bromochloromethane	0.508	0.579		13.98	20
Chloroform	1.247	1.242		-0.4	20
1,1,1-Trichloroethane	1.073	1.042		-2.89	20
Methylcyclohexane	0.639	0.582		-8.92	20
Benzene	1.533	1.480		-3.46	20
1,2-Dichloroethane	0.543	0.540		-0.55	20
Trichloroethene	0.393	0.363		-7.63	20
1,2-Dichloropropane	0.384	0.379		-1.3	20
Bromodichloromethane	0.578	0.576		-0.35	20
4-Methyl-2-Pentanone	0.440	0.432		-1.82	20
Toluene	0.947	0.923		-2.53	20
t-1,3-Dichloropropene	0.505	0.534		5.74	20
cis-1,3-Dichloropropene	0.571	0.588		2.98	20
1,1,2-Trichloroethane	0.360	0.356		-1.11	20
2-Hexanone	0.304	0.296		-2.63	20
Dibromochloromethane	0.428	0.427		-0.23	20
1,2-Dibromoethane	0.371	0.363		-2.16	20
Tetrachloroethene	0.362	0.340		-6.08	20
Chlorobenzene	1.188	1.159	0.3	-2.44	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>
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Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:40 12:30</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	2.045	2.008		-1.81	20
m/p-Xylenes	0.763	0.749		-1.84	20
o-Xylene	0.734	0.732		-0.27	20
Styrene	1.240	1.263		1.86	20
Bromoform	0.302	0.303	0.1	0.33	20
Isopropylbenzene	3.913	3.878		-0.89	20
1,1,2,2-Tetrachloroethane	1.149	1.154	0.3	0.44	20
1,3-Dichlorobenzene	1.825	1.747		-4.27	20
1,4-Dichlorobenzene	1.877	1.784		-4.95	20
1,2-Dichlorobenzene	1.733	1.686		-2.71	20
1,2-Dibromo-3-Chloropropane	0.222	0.217		-2.25	20
1,2,4-Trichlorobenzene	1.161	1.136		-2.15	20
1,2,3-Trichlorobenzene	1.095	1.091		-0.37	20
1,2-Dichloroethane-d4	0.700	0.705		0.71	20
Dibromofluoromethane	0.325	0.317		-2.46	20
Toluene-d8	1.160	1.105		-4.74	20
4-Bromofluorobenzene	0.428	0.421		-1.64	20

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