284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

DATA PACKAGE

SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : NATIONAL GRID EQUITY - BROOKLYN NY

AECOM

605 3rd Avenue

29th Floor

New York, NY - 10158

Phone No: 212-973-2900

ORDER ID : Q2900

ATTENTION : Peter S

Laboratory Certification ID # 20012

Table Of Contents for Q2900

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Cover Page

Order ID : Q2900

Project ID : National Grid Equity - Brooklyn NY

Client : AECOM

Lab Sample Number	Client Sample Number
Q2900-01	MN-9C-081825
Q2900-02	MN-12C-081825
Q2900-03	DUP-01-081825
Q2900-04	MW-17B-081825
Q2900-05	MW-11C-081825
Q2900-06	MW-17C-081825
Q2900-07	MW-11B-081825
Q2900-08	TB-081825

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 8/29/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

AECOM
Project Name: National Grid Equity - Brooklyn NY
Project # N/A
Order ID # Q2900
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
8 Water samples were received on 08/18/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. The analysis of VOC-TCLVOA-10 was based on method 8260D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for
MN-12C-081825 [1,2-Dichloroethane-d4 - 127%, Dibromofluoromethane - 132%] and
DUP-01-081825 [1,2-Dichloroethane-d4 - 126%]
due to high concentration of compounds, these samples required dilution. Therefore, samples were reanalyzed with dilution and reported.
MW-11B-081825 [1,2-Dichloroethane-d4 - 126%] and
MW-11B-081825RE [4-Bromofluorobenzene - 125%].
samples were reanalyzed to confirm the failure and reported.

The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank Spike Duplicate met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.
The Tuning criteria met requirements.

Samples MN-12C-081825, DUP-01-081825 and MW-11C-081825 were diluted due to high concentrations.

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E. Additional Comments:
Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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Signature_____

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CASE NARRATIVE

AECOM
Project Name: National Grid Equity - Brooklyn NY
Project # N/A
Order ID # Q2900
Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:
8 Water samples were received on 08/18/2025.
B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-TCL BNA -20. This data package contains results for SVOC-TCL BNA -20.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df. The analysis of SVOC-TCL BNA -20 was based on method 8270E and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for MN-12C-081825 [2-Fluorophenol - 22%, Nitrobenzene-d5 - 246%], MN-12C-081825DL2 [2-Fluorobiphenyl - 133%], DUP-01-081825 [2-Fluorophenol - 20%, Nitrobenzene-d5 - 258%], DUP-01-081825DL2 [2,4,6-Tribromophenol - 40%], MW-11C-081825 [Nitrobenzene-d5 - 200%], MW-11C-081825DL2 [2,4,6-Tribromophenol - 38% and 2-Fluorobiphenyl - 134%], as per method one acid and one base surrogate is allowed to failed, therefore no corrective action was taken.

The Internal Standards Areas were met for all analysis except for MN-12C-081825, DUP-01-081825 and MW-11C-081825, but these samples were required further dilution as well due to high concentration, therefore original and Dilution analysis were reported and no further corrective action taken.

The Retention Times were met for all analysis.

The RPD for {PB169313BSD} with File ID: BF143489.D met criteria except for 3,3-Dichlorobenzidine[47%], 3-Nitroaniline[34%] and 4-Chloroaniline[78%] due to difference in results of BS and BSD.

The Blank Spike met requirements for all compounds.

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The Blank Spike Duplicate for {PB169313BSD} with File ID: BF143489.D met requirements for all compounds except for 3,3-Dichlorobenzidine[41%] and Butylbenzylphthalate[108%] but no positive hits in associated samples therefore no corrective action taken.

The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 20% in the Initial Calibration (Method 8270-BF082025.M) for Hexachlorocyclopentadiene, 2,4-Dinitrophenol these Compounds are passing on Linear regression.

The Continuous Calibration met the requirements.
The Tuning criteria met requirements.

Samples MN-12C-081825, MN-12C-081825DL, DUP-01-081825, DUP-01-081825DL, MW-11C-081825 and MW-11C-081825DL were diluted due to high concentrations.

E. Additional Comments:
The Form 6 is not included in the data package because the Initial Calibration was performed using 8 points.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

284 Sheffield Street, Mountainside NJ 07092 Tel.
908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2900

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 08/29/2025

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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**			**08/18/25**			**08/18/25**
			VOC-TCLVOA-10	8260D			08/20/25	
Q2900-02	**MN-12C-081825**	**Water**			**08/18/25**			**08/18/25**
			VOC-TCLVOA-10	8260D			08/20/25	
Q2900-02DL	**MN-12C-081825DL**	**Water**			**08/18/25**			**08/18/25**
			VOC-TCLVOA-10	8260D			08/21/25	
Q2900-03	**DUP-01-081825**	**Water**			**08/18/25**			**08/18/25**
			VOC-TCLVOA-10	8260D			08/20/25	
Q2900-03DL	**DUP-01-081825DL**	**Water**			**08/18/25**			**08/18/25**
			VOC-TCLVOA-10	8260D			08/21/25	
Q2900-04	**MW-17B-081825**	**Water**			**08/18/25**			**08/18/25**
			VOC-TCLVOA-10	8260D			08/21/25	
Q2900-05	**MW-11C-081825**	**Water**			**08/18/25**			**08/18/25**
			VOC-TCLVOA-10	8260D			08/20/25	
Q2900-05DL	**MW-11C-081825DL**	**Water**			**08/18/25**			**08/18/25**
			VOC-TCLVOA-10	8260D			08/21/25	
Q2900-06	**MW-17C-081825**	**Water**			**08/18/25**			**08/18/25**
			VOC-TCLVOA-10	8260D			08/21/25	
Q2900-07	**MW-11B-081825**	**Water**			**08/18/25**			**08/18/25**
			VOC-TCLVOA-10	8260D			08/20/25	
Q2900-07RE	**MW-11B-081825RE**	**Water**			**08/18/25**			**08/18/25**
			VOC-TCLVOA-10	8260D			08/21/25	
Q2900-08	**TB-081825**	**Water**			**08/18/25**			**08/18/25**

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LAB CHRONICLE

VOC-TCLVOA-10	8260D	08/21/25

Alliance TECHNICAL GROUP
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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

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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
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-081825DL	Water	Vinyl Chloride		67.0	JD	13.0	250	ug/L
Q2900-02DL	MN-12C-081825DL	Water	trans-1,2-Dichloroethene		280	D	11.5	250	ug/L
Q2900-02DL	MN-12C-081825DL	Water	cis-1,2-Dichloroethene		320	D	9.50	250	ug/L
Q2900-02DL	MN-12C-081825DL	Water	Benzene		4000	D	7.50	250	ug/L
Q2900-02DL	MN-12C-081825DL	Water	Trichloroethene		260	D	4.70	250	ug/L
Q2900-02DL	MN-12C-081825DL	Water	Toluene		4000	D	7.00	250	ug/L
Q2900-02DL	MN-12C-081825DL	Water	Tetrachloroethene		180	JD	11.5	250	ug/L
Q2900-02DL	MN-12C-081825DL	Water	Ethyl Benzene		1800	D	6.50	250	ug/L
Q2900-02DL	MN-12C-081825DL	Water	m/p-Xylenes		1400	D	12.0	500	ug/L
Q2900-02DL	MN-12C-081825DL	Water	o-Xylene		930	D	6.00	250	ug/L
Q2900-02DL	MN-12C-081825DL	Water	Styrene		930	D	7.50	250	ug/L
Q2900-02DL	MN-12C-081825DL	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				

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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
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

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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
			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-081825Dl	Water	Vinyl Chloride		240	JD	13.0	250	ug/L
Q2900-05DL	MW-11C-081825Dl	Water	trans-1,2-Dichloroethene		1300	D	11.5	250	ug/L
Q2900-05DL	MW-11C-081825Dl	Water	cis-1,2-Dichloroethene		420	D	9.50	250	ug/L

Alliance TECHNICAL GROUP
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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
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

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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
			Total Tics :	2.20				
			Total Concentration:	2.20				

SAMPLE DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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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:	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

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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:	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
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	35.5		0.23	5.00	ug/L
108-90-7	Chlorobenzene	5.00	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	5.00	U	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	10.0	U	0.24	10.0	ug/L
95-47-6	o-Xylene	5.00	U	0.12	5.00	ug/L
100-42-5	Styrene	5.00	U	0.15	5.00	ug/L
75-25-2	Bromoform	5.00	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	5.00	U	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	5.00	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.2		74 - 125	118%	SPK: 50
1868-53-7	Dibromofluoromethane	51.5		75 - 124	103%	SPK: 50
2037-26-5	Toluene-d8	51.5		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.7		77 - 121	117%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	204000	5.568			
540-36-3	1,4-Difluorobenzene	413000	6.775			
3114-55-4	Chlorobenzene-d5	412000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	214000	12.024			
TENTATIVE IDENTIFIED COMPOUNDS						

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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:	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
007446-09-5	Sulfur dioxide	210	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

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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:	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

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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:	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
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	190	E	0.23	5.00	ug/L
108-90-7	Chlorobenzene	5.00	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	1100	E	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	1100	E	0.24	10.0	ug/L
95-47-6	o-Xylene	790	E	0.12	5.00	ug/L
100-42-5	Styrene	770	E	0.15	5.00	ug/L
75-25-2	Bromoform	5.00	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	32.1		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	63.7	*	74 - 125	127%	SPK: 50
1868-53-7	Dibromofluoromethane	66.1	*	75 - 124	132%	SPK: 50
2037-26-5	Toluene-d8	55.6		86 - 113	111%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.2		77 - 121	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	210000	5.568			
540-36-3	1,4-Difluorobenzene	348000	6.775			
3114-55-4	Chlorobenzene-d5	344000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	173000	12.024			
TENTATIVE IDENTIFIED COMPOUNDS						

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

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

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Fax : 908 789 8922

Report of Analysis

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

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

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

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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			

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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:	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

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
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() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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:	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

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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:	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
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	200	E	0.23	5.00	ug/L
108-90-7	Chlorobenzene	5.00	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	1100	E	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	1100	E	0.24	10.0	ug/L
95-47-6	o-Xylene	780	E	0.12	5.00	ug/L
100-42-5	Styrene	840	E	0.15	5.00	ug/L
75-25-2	Bromoform	5.00	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	28.9		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	62.9	*	74 - 125	126%	SPK: 50
1868-53-7	Dibromofluoromethane	59.3		75 - 124	119%	SPK: 50
2037-26-5	Toluene-d8	55.6		86 - 113	111%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.3		77 - 121	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	210000	5.568			
540-36-3	1,4-Difluorobenzene	368000	6.775			
3114-55-4	Chlorobenzene-d5	367000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	177000	12.024			
TENTATIVE IDENTIFIED COMPOUNDS						

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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:	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

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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:	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

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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:	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			

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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:	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

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

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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
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

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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
10061-02-6	t-1,3-Dichloropropene	5.00	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	5.00	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	5.00	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	25.0	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	5.00	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	5.00	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	5.00	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	5.00	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	5.00	U	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	10.0	U	0.24	10.0	ug/L
95-47-6	o-Xylene	5.00	U	0.12	5.00	ug/L
100-42-5	Styrene	5.00	U	0.15	5.00	ug/L
75-25-2	Bromoform	5.00	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	5.00	U	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	5.00	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	60.3		74 - 125	121%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	49.0		86 - 113	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.3		77 - 121	117%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	198000	5.568			
540-36-3	1,4-Difluorobenzene	407000	6.769			
3114-55-4	Chlorobenzene-d5	410000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	216000	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						

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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

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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
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

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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
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	0.57	J	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.32	J	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	490	E	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	270		0.24	10.0	ug/L
95-47-6	o-Xylene	370	E	0.12	5.00	ug/L
100-42-5	Styrene	280	E	0.15	5.00	ug/L
75-25-2	Bromoform	5.00	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	34.2		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	55.3		74 - 125	111%	SPK: 50
1868-53-7	Dibromofluoromethane	55.9		75 - 124	112%	SPK: 50
2037-26-5	Toluene-d8	53.7		86 - 113	107%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.9		77 - 121	112%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	208000	5.568			
540-36-3	1,4-Difluorobenzene	360000	6.775			
3114-55-4	Chlorobenzene-d5	375000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	175000	12.024			
TENTATIVE IDENTIFIED COMPOUNDS						

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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

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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-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

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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-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			

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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-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

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
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N = Presumptive Evidence of a Compound
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() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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
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

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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
10061-02-6	t-1,3-Dichloropropene	5.00	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	5.00	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	5.00	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	25.0	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	5.00	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	5.00	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	5.00	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	5.00	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	5.00	U	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	10.0	U	0.24	10.0	ug/L
95-47-6	o-Xylene	5.00	U	0.12	5.00	ug/L
100-42-5	Styrene	5.00	U	0.15	5.00	ug/L
75-25-2	Bromoform	5.00	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	5.00	U	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	5.00	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	60.7		74 - 125	121%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	50.9		86 - 113	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.8		77 - 121	118%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	195000	5.568			
540-36-3	1,4-Difluorobenzene	401000	6.769			
3114-55-4	Chlorobenzene-d5	409000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	211000	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						

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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

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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
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

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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
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	0.27	J	0.24	10.0	ug/L
95-47-6	o-Xylene	0.36	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	3.30	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	63.1	*	74 - 125	126%	SPK: 50
1868-53-7	Dibromofluoromethane	53.7		75 - 124	107%	SPK: 50
2037-26-5	Toluene-d8	53.0		86 - 113	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	59.4		77 - 121	119%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	270000	5.574			
540-36-3	1,4-Difluorobenzene	559000	6.775			
3114-55-4	Chlorobenzene-d5	561000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	290000	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

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

Alliance TECHNICAL GROUP
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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-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

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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-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			

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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-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

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

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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:	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

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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:	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
10061-02-6	t-1,3-Dichloropropene	5.00	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	5.00	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	5.00	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	25.0	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	5.00	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	5.00	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	5.00	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	5.00	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	5.00	U	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	10.0	U	0.24	10.0	ug/L
95-47-6	o-Xylene	5.00	U	0.12	5.00	ug/L
100-42-5	Styrene	5.00	U	0.15	5.00	ug/L
75-25-2	Bromoform	5.00	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	5.00	U	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	5.00	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	60.0		74 - 125	120%	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	57.7		77 - 121	115%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	223000	5.562			
540-36-3	1,4-Difluorobenzene	460000	6.769			
3114-55-4	Chlorobenzene-d5	461000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	240000	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						

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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:	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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q2900

Client: AECOM

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) 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

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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

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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	Limits 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	

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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	Limits Low	Limits High	RPD
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	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2900 **Analytical Method:** SW8260-Low

Client: AECOM **Datafile :** VX047431.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits 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

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2900 **Analytical Method:** SW8260-Low

Client: AECOM **Datafile :** VX047431.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits 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

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2900 **Analytical Method:** SW8260-Low

Client: AECOM **Datafile :** VX047467.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits 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	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2900 **Analytical Method:** SW8260-Low

Client: AECOM **Datafile :** VX047467.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
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	

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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:

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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:

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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
VSTDICC005	VSTDICC005	VX047349.D	08/15/2025	09:40
VSTDICC020	VSTDICC020	VX047350.D	08/15/2025	10:01
VSTDICCC050	VSTDICCC050	VX047351.D	08/15/2025	10:22
VSTDICC100	VSTDICC100	VX047352.D	08/15/2025	10:43
VSTDICC150	VSTDICC150	VX047353.D	08/15/2025	11:05
VSTDICC001	VSTDICC001	VX047356.D	08/15/2025	12:30

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: AECO02
Lab Code: ACE
SDG NO.: Q2900
Lab File ID: VX047426.D
BFB Injection Date: 08/20/2025
Instrument ID: MSVOA_X
BFB Injection Time: 07:50
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	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

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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

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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.

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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.

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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.

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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

	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

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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
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

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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
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			

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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

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

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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
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

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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
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			

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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

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

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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

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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			

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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

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

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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
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

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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
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			

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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

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

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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
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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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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
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			

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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

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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG No.: Q2900

Instrument ID: MSVOA_X | Calibration Date(s): 08/15/2025 08/15/2025

Heated Purge: (Y/N) N | Calibration Time(s): 09:40 12:30

GC Column: DB-624UI ID: 0.18 (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	$\overline{RRF}$	% 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.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG No.: Q2900

Instrument ID: MSVOA_X | Calibration Date(s): 08/15/2025 08/15/2025

Heated Purge: (Y/N) N | Calibration Time(s): 09:40 12:30

GC Column: DB-624UI ID: 0.18 (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	$\overline{RRF}$	% 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.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: AECO02
Lab Code: ACE
SDG No.: Q2900
Instrument ID: MSVOA_X
Calibration Date/Time: 08/20/2025 09:25
Lab File ID: VX047427.D
Init. Calib. Date(s): 08/15/2025 08/15/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:40 12:30
GC Column: DB-624UI ID: 0.18 (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.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG No.: Q2900

Instrument ID: MSVOA_X | Calibration Date/Time: 08/20/2025 09:25

Lab File ID: VX047427.D | Init. Calib. Date(s): 08/15/2025 08/15/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 09:40 12:30

GC Column: DB-624UI ID: 0.18 (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.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG No.: Q2900

Instrument ID: MSVOA_X | Calibration Date/Time: 08/21/2025 09:35

Lab File ID: VX047455.D | Init. Calib. Date(s): 08/15/2025 08/15/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 09:40 12:30

GC Column: DB-624UI ID: 0.18 (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.

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: AECO02
Lab Code: ACE
SDG No.: Q2900
Instrument ID: MSVOA_X
Calibration Date/Time: 08/21/2025 09:35
Lab File ID: VX047455.D
Init. Calib. Date(s): 08/15/2025 08/15/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:40 12:30
GC Column: DB-624UI ID: 0.18 (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.

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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**			**08/18/25**			**08/18/25**
			SVOC-TCL BNA -20	8270E		08/19/25	08/21/25	
Q2900-02	**MN-12C-081825**	**Water**			**08/18/25**			**08/18/25**
			SVOC-TCL BNA -20	8270E		08/19/25	08/21/25	
Q2900-02DL	**MN-12C-081825DL**	**Water**			**08/18/25**			**08/18/25**
			SVOC-TCL BNA -20	8270E		08/19/25	08/21/25	
Q2900-02DL2	**MN-12C-081825DL2**	**Water**			**08/18/25**			**08/18/25**
			SVOC-TCL BNA -20	8270E		08/19/25	08/21/25	
Q2900-03	**DUP-01-081825**	**Water**			**08/18/25**			**08/18/25**
			SVOC-TCL BNA -20	8270E		08/19/25	08/21/25	
Q2900-03DL	**DUP-01-081825DL**	**Water**			**08/18/25**			**08/18/25**
			SVOC-TCL BNA -20	8270E		08/19/25	08/21/25	
Q2900-03DL2	**DUP-01-081825DL2**	**Water**			**08/18/25**			**08/18/25**
			SVOC-TCL BNA -20	8270E		08/19/25	08/21/25	
Q2900-04	**MW-17B-081825**	**Water**			**08/18/25**			**08/18/25**
			SVOC-TCL BNA -20	8270E		08/19/25	08/20/25	
Q2900-05	**MW-11C-081825**	**Water**			**08/18/25**			**08/18/25**
			SVOC-TCL BNA -20	8270E		08/19/25	08/21/25	
Q2900-05DL	**MW-11C-081825DL**	**Water**			**08/18/25**			**08/18/25**
			SVOC-TCL BNA -20	8270E		08/19/25	08/21/25	
Q2900-05DL2	**MW-11C-081825DL2**	**Water**			**08/18/25**			**08/18/25**

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LAB CHRONICLE

			SVOC-TCL BNA -20	8270E		08/19/25	08/21/25	
Q2900-06	**MW-17C-081825**	**Water**			**08/18/25**			**08/18/25**
			SVOC-TCL BNA -20	8270E		08/19/25	08/20/25	
Q2900-07	**MW-11B-081825**	**Water**			**08/18/25**			**08/18/25**
			SVOC-TCL BNA -20	8270E		08/19/25	08/20/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2900

Client: AECOM

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : MN-9C-081825									
Q2900-01	MN-9C-081825	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	4.400	AB	0	0	ug/L
Q2900-01	MN-9C-081825	WATER	Butane, 2-methoxy-2-methyl-	*	110.000	J	0	0	ug/L
			Total Tics :		**114.40**				
			Total Concentration:		**114.40**				
Client ID : MN-12C-081825									
Q2900-02	MN-12C-081825	WATER	Naphthalene		3,800.000	E	0.55	5.5	ug/L
Q2900-02	MN-12C-081825	WATER	2-Methylnaphthalene		800.000	E	0.62	5.5	ug/L
Q2900-02	MN-12C-081825	WATER	1,1-Biphenyl		27.700		0.58	5.5	ug/L
Q2900-02	MN-12C-081825	WATER	Acenaphthylene		150.000	E	0.82	5.5	ug/L
Q2900-02	MN-12C-081825	WATER	Acenaphthene		30.200		0.6	5.5	ug/L
Q2900-02	MN-12C-081825	WATER	Dibenzofuran		3.800	J	0.67	5.5	ug/L
Q2900-02	MN-12C-081825	WATER	Fluorene		27.100		0.69	5.5	ug/L
Q2900-02	MN-12C-081825	WATER	Phenanthrene		11.400		0.55	5.5	ug/L
Q2900-02	MN-12C-081825	WATER	Carbazole		13.700		0.79	5.5	ug/L
			Total Svoc :		**4,863.90**				
Q2900-02	MN-12C-081825	WATER	.alpha.-Methylstyrene	*	7.800	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	1,3,5-Cycloheptatriene	*	180.000	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	1,3-Cyclopentadiene, 5-(1-methyl	*	110.000	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	1,3-Methanopentalene, 1,2,3,5-tet	*	8.700	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	Benzene, (2-methyl-1-propenyl)-	*	7.700	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	Benzene, 1,2,4-trimethyl-	*	22.000	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	Benzene, 1-ethenyl-2-methyl-	*	68.000	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	Benzene, 1-ethyl-2-methyl-	*	40.800	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	Benzene, 1-ethyl-3-methyl-	*	7.300	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	Benzene, 1-ethyl-4-methyl-	*	21.600	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	Bicyclo[4.2.0]octa-1,3,5-triene	*	120.000	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	Butane, 2-methoxy-2-methyl-	*	19.600	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	Naphthalene, 1,6-dimethyl-	*	26.400	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	Naphthalene, 2,3-dimethyl-	*	13.500	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	Naphthalene, 2,7-dimethyl-	*	22.200	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	Indane	*	64.800	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	Indene	*	200.000	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	unknown7.045	*	8.400	J	0	0	ug/L
Q2900-02	MN-12C-081825	WATER	1-Methylnaphthalene	*	670.000	J	0.73	5.5	ug/L
			Total Tics :		**1,618.80**				
			Total Concentration:		**6,482.70**				

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Hit Summary Sheet
SW-846

SDG No.: Q2900

Client: AECOM

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : MN-12C-081825DL									
Q2900-02DL	MN-12C-081825DL	WATER	Naphthalene		4,600.000	ED	11	110	ug/L
Q2900-02DL	MN-12C-081825DL	WATER	2-Methylnaphthalene		550.000	D	12.3	110	ug/L
Q2900-02DL	MN-12C-081825DL	WATER	Acenaphthylene		200.000	D	16.5	110	ug/L
			Total Svoc :		**5,350.00**				
			Total Concentration:		**5,350.00**				
Client ID : MN-12C-081825DL2									
Q2900-02DL2	MN-12C-081825DL2	WATER	Naphthalene		8,000.000	D	54.9	550	ug/L
Q2900-02DL2	MN-12C-081825DL2	WATER	2-Methylnaphthalene		690.000	D	61.5	550	ug/L
Q2900-02DL2	MN-12C-081825DL2	WATER	Acenaphthylene		240.000	JD	82.4	550	ug/L
			Total Svoc :		**8,930.00**				
			Total Concentration:		**8,930.00**				
Client ID : DUP-01-081825									
Q2900-03	DUP-01-081825	WATER	Naphthalene		4,300.000	E	0.54	5.4	ug/L
Q2900-03	DUP-01-081825	WATER	2-Methylnaphthalene		900.000	E	0.6	5.4	ug/L
Q2900-03	DUP-01-081825	WATER	1,1-Biphenyl		30.800		0.57	5.4	ug/L
Q2900-03	DUP-01-081825	WATER	Acenaphthylene		170.000	E	0.81	5.4	ug/L
Q2900-03	DUP-01-081825	WATER	Acenaphthene		28.900		0.59	5.4	ug/L
Q2900-03	DUP-01-081825	WATER	Dibenzofuran		4.400	J	0.66	5.4	ug/L
Q2900-03	DUP-01-081825	WATER	Fluorene		25.900		0.68	5.4	ug/L
Q2900-03	DUP-01-081825	WATER	Phenanthrene		13.900		0.54	5.4	ug/L
Q2900-03	DUP-01-081825	WATER	Carbazole		14.700		0.77	5.4	ug/L
			Total Svoc :		**5,488.60**				
Q2900-03	DUP-01-081825	WATER	.alpha.-Methylstyrene	*	8.300	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	Naphthalene, 1,3-dimethyl-	*	14.900	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	Naphthalene, 1,5-dimethyl-	*	29.100	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	Naphthalene, 1,6-dimethyl-	*	24.900	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	Naphthalene, 1,7-dimethyl-	*	12.700	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	Naphthalene, 2-ethenyl-	*	13.300	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	1,3,5-Cycloheptatriene	*	160.000	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	1,3-Cyclopentadiene, 5-(1-methyl	*	91.200	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	Benzene, 1,2,3-trimethyl-	*	65.800	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	Benzene, 1,2,4-trimethyl-	*	21.500	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	Benzene, 1-ethyl-2-methyl-	*	35.900	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	Benzene, 1-ethyl-4-methyl-	*	20.000	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	Bicyclo[4.2.0]octa-1,3,5-triene	*	110.000	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	Butane, 2-methoxy-2-methyl-	*	17.400	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	*	7.900	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	trans-Cinnamyl bromide	*	7.300	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	Indane	*	54.000	J	0	0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2900

Client: AECOM

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Q2900-03	DUP-01-081825	WATER	Indene	*	180.000	J	0	0	ug/L
Q2900-03	DUP-01-081825	WATER	1-Methylnaphthalene	*	770.000	J	0.71	5.4	ug/L
			Total Tics :		**1,644.20**				
			Total Concentration:		**7,132.80**				
Client ID :	**DUP-01-081825DL**								
Q2900-03DL	DUP-01-081825DL	WATER	Naphthalene		4,300.000	ED	10.8	110	ug/L
Q2900-03DL	DUP-01-081825DL	WATER	2-Methylnaphthalene		520.000	D	12	110	ug/L
Q2900-03DL	DUP-01-081825DL	WATER	Acenaphthylene		190.000	D	16.1	110	ug/L
			Total Svoc :		**5,010.00**				
			Total Concentration:		**5,010.00**				
Client ID :	**DUP-01-081825DL2**								
Q2900-03DL2	DUP-01-081825DL2	WATER	Naphthalene		8,300.000	D	53.8	540	ug/L
Q2900-03DL2	DUP-01-081825DL2	WATER	2-Methylnaphthalene		760.000	D	60.2	540	ug/L
Q2900-03DL2	DUP-01-081825DL2	WATER	Acenaphthylene		270.000	JD	80.6	540	ug/L
			Total Svoc :		**9,330.00**				
			Total Concentration:		**9,330.00**				
Client ID :	**MW-17B-081825**								
Q2900-04	MW-17B-081825	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	5.200	AB	0	0	ug/L
Q2900-04	MW-17B-081825	WATER	Butane, 2-methoxy-2-methyl-	*	120.000	J	0	0	ug/L
			Total Tics :		**125.20**				
			Total Concentration:		**125.20**				
Client ID :	**MW-11C-081825**								
Q2900-05	MW-11C-081825	WATER	Naphthalene		2,200.000	E	0.53	5.3	ug/L
Q2900-05	MW-11C-081825	WATER	2-Methylnaphthalene		160.000	E	0.59	5.3	ug/L
Q2900-05	MW-11C-081825	WATER	1,1-Biphenyl		24.000		0.56	5.3	ug/L
Q2900-05	MW-11C-081825	WATER	Acenaphthylene		110.000	E	0.79	5.3	ug/L
Q2900-05	MW-11C-081825	WATER	Acenaphthene		69.200		0.58	5.3	ug/L
Q2900-05	MW-11C-081825	WATER	Dibenzofuran		5.000	J	0.64	5.3	ug/L
Q2900-05	MW-11C-081825	WATER	Fluorene		17.900		0.66	5.3	ug/L
Q2900-05	MW-11C-081825	WATER	Phenanthrene		23.600		0.53	5.3	ug/L
Q2900-05	MW-11C-081825	WATER	Anthracene		3.300	J	0.64	5.3	ug/L
Q2900-05	MW-11C-081825	WATER	Carbazole		13.100		0.76	5.3	ug/L
			Total Svoc :		**2,626.10**				
Q2900-05	MW-11C-081825	WATER	1,3,5-Cycloheptatriene	*	400.000	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	1,3-Cyclopentadiene, 5-(1-methyl	*	360.000	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	1H-Indene, 1-methyl-	*	4.200	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	Benzene, (1-methylethyl)-	*	39.600	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	Benzene, 1,2,3-trimethyl-	*	130.000	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	Benzene, 1,3-dimethyl-	*	480.000	J	0	0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2900

Client: AECOM

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Q2900-05	MW-11C-081825	WATER	Benzene, 1-ethyl-2-methyl-	*	29.600	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	Benzene, 1-ethyl-4-methyl-	*	95.700	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	Benzene, 2-propenyl-	*	25.000	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	Benzene,1-methyl-1,2-propadieny	*	3.500	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	Butane, 2-methoxy-2-methyl-	*	130.000	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	Indane	*	230.000	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	Indene	*	890.000	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	Naphthalene, 1,3-dimethyl-	*	17.900	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	Naphthalene, 1,6-dimethyl-	*	25.900	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	Naphthalene, 1-ethyl-	*	12.500	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	Naphthalene, 2,3-dimethyl-	*	36.400	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	*	37.900	J	0	0	ug/L
Q2900-05	MW-11C-081825	WATER	1-Methylnaphthalene	*	570.000	J	0.69	5.3	ug/L
			Total Tics :		**3,518.20**				
			Total Concentration:		**6,144.30**				
Client ID :	**MW-11C-081825DL**								
Q2900-05DL	MW-11C-081825DL	WATER	Naphthalene		2,800.000	ED	10.5	110	ug/L
Q2900-05DL	MW-11C-081825DL	WATER	2-Methylnaphthalene		76.600	JD	11.8	110	ug/L
Q2900-05DL	MW-11C-081825DL	WATER	Acenaphthylene		120.000	D	15.8	110	ug/L
Q2900-05DL	MW-11C-081825DL	WATER	Acenaphthene		72.400	JD	11.6	110	ug/L
			Total Svoc :		**3,069.00**				
			Total Concentration:		**3,069.00**				
Client ID :	**MW-11C-081825DL2**								
Q2900-05DL2	MW-11C-081825DL2	WATER	Naphthalene		5,300.000	D	52.6	530	ug/L
			Total Svoc :		**5,300.00**				
			Total Concentration:		**5,300.00**				
Client ID :	**MW-17C-081825**								
Q2900-06	MW-17C-081825	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	4.900	AB	0	0	ug/L
Q2900-06	MW-17C-081825	WATER	Butane, 2-methoxy-2-methyl-	*	120.000	J	0	0	ug/L
			Total Tics :		**124.90**				
			Total Concentration:		**124.90**				
Client ID :	**MW-11B-081825**								
Q2900-07	MW-11B-081825	WATER	Naphthalene		8.500		0.52	5.2	ug/L
			Total Svoc :		**8.50**				
Q2900-07	MW-11B-081825	WATER	2,6-Dimethylphenyl isocyanate	*	3.700	J	0	0	ug/L
Q2900-07	MW-11B-081825	WATER	2-Indolinone, 1-methyl-	*	5.600	J	0	0	ug/L
Q2900-07	MW-11B-081825	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	4.200	AB	0	0	ug/L
Q2900-07	MW-11B-081825	WATER	Benzene, (1-methylethyl)-	*	6.200	J	0	0	ug/L
Q2900-07	MW-11B-081825	WATER	Benzene, 1-ethyl-2-methyl-	*	3.600	J	0	0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2900

Client: AECOM

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Q2900-07	MW-11B-081825	WATER	Benzene, 2-ethenyl-1,4-dimethyl-	*	7.500	J	0	0	ug/L
Q2900-07	MW-11B-081825	WATER	Benzophenone	*	5.300	J	0	0	ug/L
Q2900-07	MW-11B-081825	WATER	Butane, 2-methoxy-2-methyl-	*	110.000	J	0	0	ug/L
Q2900-07	MW-11B-081825	WATER	Indane	*	210.000	J	0	0	ug/L
Q2900-07	MW-11B-081825	WATER	1-Methylnaphthalene	*	4.600	J	0.69	5.2	ug/L
			Total Tics :		**360.70**				
			Total Concentration:		**369.20**				

SAMPLE DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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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:	MN-9C-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143503.D	1	08/19/25 09:29	08/21/25 00:29	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.2	U	4.00	10.2	ug/L
108-95-2	Phenol	5.10	U	0.93	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.10	U	0.83	5.10	ug/L
95-57-8	2-Chlorophenol	5.10	U	0.59	5.10	ug/L
95-48-7	2-Methylphenol	5.10	U	1.10	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.10	U	1.30	5.10	ug/L
98-86-2	Acetophenone	5.10	U	0.76	5.10	ug/L
65794-96-9	3+4-Methylphenols	10.2	U	1.10	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.60	U	1.40	2.60	ug/L
67-72-1	Hexachloroethane	5.10	U	0.66	5.10	ug/L
98-95-3	Nitrobenzene	5.10	U	0.78	5.10	ug/L
78-59-1	Isophorone	5.10	U	0.77	5.10	ug/L
88-75-5	2-Nitrophenol	5.10	U	1.80	5.10	ug/L
105-67-9	2,4-Dimethylphenol	5.10	U	1.90	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.10	U	0.69	5.10	ug/L
120-83-2	2,4-Dichlorophenol	5.10	U	0.53	5.10	ug/L
91-20-3	Naphthalene	5.10	U	0.51	5.10	ug/L
106-47-8	4-Chloroaniline	5.10	U	0.86	5.10	ug/L
87-68-3	Hexachlorobutadiene	5.10	U	0.55	5.10	ug/L
105-60-2	Caprolactam	10.2	U	1.20	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	5.10	U	0.60	5.10	ug/L
91-57-6	2-Methylnaphthalene	5.10	U	0.57	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	10.2	U	3.70	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	0.52	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	5.10	U	0.63	5.10	ug/L
92-52-4	1,1-Biphenyl	5.10	U	0.54	5.10	ug/L
91-58-7	2-Chloronaphthalene	5.10	U	0.62	5.10	ug/L
88-74-4	2-Nitroaniline	5.10	U	1.30	5.10	ug/L
131-11-3	Dimethylphthalate	5.10	U	0.62	5.10	ug/L

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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:	MN-9C-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143503.D	1	08/19/25 09:29	08/21/25 00:29	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.10	U	0.77	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	5.10	U	0.94	5.10	ug/L
99-09-2	3-Nitroaniline	5.10	U	1.10	5.10	ug/L
83-32-9	Acenaphthene	5.10	U	0.56	5.10	ug/L
51-28-5	2,4-Dinitrophenol	10.2	U	6.10	10.2	ug/L
100-02-7	4-Nitrophenol	10.2	U	2.40	10.2	ug/L
132-64-9	Dibenzofuran	5.10	U	0.62	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	5.10	U	1.20	5.10	ug/L
84-66-2	Diethylphthalate	5.10	U	0.70	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.10	U	0.69	5.10	ug/L
86-73-7	Fluorene	5.10	U	0.64	5.10	ug/L
100-01-6	4-Nitroaniline	5.10	U	1.50	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.2	U	2.90	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	5.10	U	0.59	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	5.10	U	0.41	5.10	ug/L
118-74-1	Hexachlorobenzene	5.10	U	0.53	5.10	ug/L
1912-24-9	Atrazine	5.10	U	1.00	5.10	ug/L
87-86-5	Pentachlorophenol	10.2	U	1.60	10.2	ug/L
85-01-8	Phenanthrene	5.10	U	0.51	5.10	ug/L
120-12-7	Anthracene	5.10	U	0.62	5.10	ug/L
86-74-8	Carbazole	5.10	U	0.73	5.10	ug/L
84-74-2	Di-n-butylphthalate	5.10	U	1.20	5.10	ug/L
206-44-0	Fluoranthene	5.10	U	0.84	5.10	ug/L
129-00-0	Pyrene	5.10	U	0.51	5.10	ug/L
85-68-7	Butylbenzylphthalate	5.10	UQ	2.00	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	10.2	UQ	0.95	10.2	ug/L
56-55-3	Benzo(a)anthracene	5.10	U	0.46	5.10	ug/L
218-01-9	Chrysene	5.10	U	0.45	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.10	U	1.60	5.10	ug/L
117-84-0	Di-n-octyl phthalate	10.2	U	2.40	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	5.10	U	0.50	5.10	ug/L

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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:	MN-9C-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143503.D	1	08/19/25 09:29	08/21/25 00:29	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.10	U	0.49	5.10	ug/L
50-32-8	Benzo(a)pyrene	5.10	U	0.56	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.10	U	0.60	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.10	U	0.68	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	5.10	U	0.70	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.10	U	0.53	5.10	ug/L
123-91-1	1,4-Dioxane	5.10	U	1.00	5.10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.10	U	0.73	5.10	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	65.0		23 - 138	43%	SPK: 150
13127-88-3	Phenol-d6	43.0		10 - 134	29%	SPK: 150
4165-60-0	Nitrobenzene-d5	93.7		67 - 132	94%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.7		52 - 132	88%	SPK: 100
118-79-6	2,4,6-Tribromophenol	140		44 - 137	93%	SPK: 150
1718-51-0	Terphenyl-d14	86.7		42 - 152	87%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	128000	6.928			
1146-65-2	Naphthalene-d8	499000	8.204			
15067-26-2	Acenaphthene-d10	270000	9.963			
1517-22-2	Phenanthrene-d10	422000	11.451			
1719-03-5	Chrysene-d12	236000	14.092			
1520-96-3	Perylene-d12	262000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J		2.27	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.40	AB		5.16	ug/L

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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:	MN-9C-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143503.D	1	08/19/25 09:29	08/21/25 00:29	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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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:	MN-12C-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143511.D	1	08/19/25 09:29	08/21/25 04:21	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	11.0	U	4.30	11.0	ug/L
108-95-2	Phenol	5.50	U	1.00	5.50	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.50	U	0.89	5.50	ug/L
95-57-8	2-Chlorophenol	5.50	U	0.64	5.50	ug/L
95-48-7	2-Methylphenol	5.50	U	1.20	5.50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.50	U	1.40	5.50	ug/L
98-86-2	Acetophenone	5.50	U	0.81	5.50	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	1.20	11.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.70	U	1.50	2.70	ug/L
67-72-1	Hexachloroethane	5.50	U	0.71	5.50	ug/L
98-95-3	Nitrobenzene	5.50	U	0.84	5.50	ug/L
78-59-1	Isophorone	5.50	U	0.82	5.50	ug/L
88-75-5	2-Nitrophenol	5.50	U	1.90	5.50	ug/L
105-67-9	2,4-Dimethylphenol	5.50	U	2.00	5.50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.50	U	0.75	5.50	ug/L
120-83-2	2,4-Dichlorophenol	5.50	U	0.57	5.50	ug/L
91-20-3	Naphthalene	3800	E	0.55	5.50	ug/L
106-47-8	4-Chloroaniline	5.50	U	0.92	5.50	ug/L
87-68-3	Hexachlorobutadiene	5.50	U	0.59	5.50	ug/L
105-60-2	Caprolactam	11.0	U	1.20	11.0	ug/L
59-50-7	4-Chloro-3-methylphenol	5.50	U	0.65	5.50	ug/L
91-57-6	2-Methylnaphthalene	800	E	0.62	5.50	ug/L
77-47-4	Hexachlorocyclopentadiene	11.0	U	4.00	11.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.50	U	0.56	5.50	ug/L
95-95-4	2,4,5-Trichlorophenol	5.50	U	0.68	5.50	ug/L
92-52-4	1,1-Biphenyl	27.7		0.58	5.50	ug/L
91-58-7	2-Chloronaphthalene	5.50	U	0.67	5.50	ug/L
88-74-4	2-Nitroaniline	5.50	U	1.40	5.50	ug/L
131-11-3	Dimethylphthalate	5.50	U	0.67	5.50	ug/L

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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:	MN-12C-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143511.D	1	08/19/25 09:29	08/21/25 04:21	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	150	E	0.82	5.50	ug/L
606-20-2	2,6-Dinitrotoluene	5.50	U	1.00	5.50	ug/L
99-09-2	3-Nitroaniline	5.50	U	1.20	5.50	ug/L
83-32-9	Acenaphthene	30.2		0.60	5.50	ug/L
51-28-5	2,4-Dinitrophenol	11.0	U	6.60	11.0	ug/L
100-02-7	4-Nitrophenol	11.0	U	2.60	11.0	ug/L
132-64-9	Dibenzofuran	3.80	J	0.67	5.50	ug/L
121-14-2	2,4-Dinitrotoluene	5.50	U	1.30	5.50	ug/L
84-66-2	Diethylphthalate	5.50	U	0.76	5.50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.50	U	0.75	5.50	ug/L
86-73-7	Fluorene	27.1		0.69	5.50	ug/L
100-01-6	4-Nitroaniline	5.50	U	1.60	5.50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	11.0	U	3.20	11.0	ug/L
86-30-6	n-Nitrosodiphenylamine	5.50	U	0.64	5.50	ug/L
101-55-3	4-Bromophenyl-phenylether	5.50	U	0.44	5.50	ug/L
118-74-1	Hexachlorobenzene	5.50	U	0.57	5.50	ug/L
1912-24-9	Atrazine	5.50	U	1.10	5.50	ug/L
87-86-5	Pentachlorophenol	11.0	U	1.70	11.0	ug/L
85-01-8	Phenanthrene	11.4		0.55	5.50	ug/L
120-12-7	Anthracene	5.50	U	0.67	5.50	ug/L
86-74-8	Carbazole	13.7		0.79	5.50	ug/L
84-74-2	Di-n-butylphthalate	5.50	U	1.30	5.50	ug/L
206-44-0	Fluoranthene	5.50	U	0.90	5.50	ug/L
129-00-0	Pyrene	5.50	U	0.55	5.50	ug/L
85-68-7	Butylbenzylphthalate	5.50	UQ	2.10	5.50	ug/L
91-94-1	3,3-Dichlorobenzidine	11.0	UQ	1.00	11.0	ug/L
56-55-3	Benzo(a)anthracene	5.50	U	0.49	5.50	ug/L
218-01-9	Chrysene	5.50	U	0.48	5.50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.50	U	1.80	5.50	ug/L
117-84-0	Di-n-octyl phthalate	11.0	U	2.60	11.0	ug/L
205-99-2	Benzo(b)fluoranthene	5.50	U	0.54	5.50	ug/L

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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:	MN-12C-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143511.D	1	08/19/25 09:29	08/21/25 04:21	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.50	U	0.53	5.50	ug/L
50-32-8	Benzo(a)pyrene	5.50	U	0.60	5.50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.50	U	0.65	5.50	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.50	U	0.74	5.50	ug/L
191-24-2	Benzo(g,h,i)perylene	5.50	U	0.76	5.50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.50	U	0.57	5.50	ug/L
123-91-1	1,4-Dioxane	5.50	U	1.10	5.50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.50	U	0.79	5.50	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	33.1	*	23 - 138	22%	SPK: 150
13127-88-3	Phenol-d6	42.2		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	246	*	67 - 132	246%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.2		52 - 132	82%	SPK: 100
118-79-6	2,4,6-Tribromophenol	133		44 - 137	89%	SPK: 150
1718-51-0	Terphenyl-d14	87.4		42 - 152	87%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	122000	6.934			
1146-65-2	Naphthalene-d8	165000	8.228			
15067-26-2	Acenaphthene-d10	245000	9.963			
1517-22-2	Phenanthrene-d10	368000	11.451			
1719-03-5	Chrysene-d12	219000	14.092			
1520-96-3	Perylene-d12	260000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	19.6	J		2.26	ug/L
000544-25-2	1,3,5-Cycloheptatriene	180	J		4.13	ug/L
002175-91-9	1,3-Cyclopentadiene, 5-(1-methylet	110	J		5.46	ug/L
000694-87-1	Bicyclo[4.2.0]octa-1,3,5-triene	120	J		5.82	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	40.8	J		6.47	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	21.6	J		6.50	ug/L
000620-14-4	Benzene, 1-ethyl-3-methyl-	7.30	J		6.62	ug/L

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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:	MN-12C-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143511.D	1	08/19/25 09:29	08/21/25 04:21	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000098-83-9	.alpha.-Methylstyrene	7.80	J		6.65	ug/L
000611-15-4	Benzene, 1-ethenyl-2-methyl-	68.0	J		6.78	ug/L
128600-88-4	1,3-Methanopentalene, 1,2,3,5-tetr	8.70	J		6.81	ug/L
000095-63-6	Benzene, 1,2,4-trimethyl-	22.0	J		7.00	ug/L
	unknown7.045	8.40	J		7.04	ug/L
000496-11-7	Indane	64.8	J		7.13	ug/L
000095-13-6	Indene	200	J		7.25	ug/L
000768-49-0	Benzene, (2-methyl-1-propenyl)-	7.70	J		7.54	ug/L
90-12-0	1-Methylnaphthalene	670	J		9.04	ug/L
000582-16-1	Naphthalene, 2,7-dimethyl-	22.2	J		9.55	ug/L
000575-43-9	Naphthalene, 1,6-dimethyl-	26.4	J		9.62	ug/L
000581-40-8	Naphthalene, 2,3-dimethyl-	13.5	J		9.74	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

Alliance TECHNICAL GROUP
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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:	MN-12C-081825DL	SDG No.:	Q2900
Lab Sample ID:	Q2900-02DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143522.D	20	08/19/25 09:29	08/21/25 11:18	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	220	UD	85.9	220	ug/L
108-95-2	Phenol	110	UD	20.0	110	ug/L
111-44-4	bis(2-Chloroethyl)ether	110	UD	17.8	110	ug/L
95-57-8	2-Chlorophenol	110	UD	12.7	110	ug/L
95-48-7	2-Methylphenol	110	UD	24.6	110	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	110	UD	28.1	110	ug/L
98-86-2	Acetophenone	110	UD	16.3	110	ug/L
65794-96-9	3+4-Methylphenols	220	UD	24.2	220	ug/L
621-64-7	n-Nitroso-di-n-propylamine	54.9	UD	31.0	54.9	ug/L
67-72-1	Hexachloroethane	110	UD	14.3	110	ug/L
98-95-3	Nitrobenzene	110	UD	16.7	110	ug/L
78-59-1	Isophorone	110	UD	16.5	110	ug/L
88-75-5	2-Nitrophenol	110	UD	38.7	110	ug/L
105-67-9	2,4-Dimethylphenol	110	UD	40.7	110	ug/L
111-91-1	bis(2-Chloroethoxy)methane	110	UD	14.9	110	ug/L
120-83-2	2,4-Dichlorophenol	110	UD	11.4	110	ug/L
91-20-3	Naphthalene	4600	ED	11.0	110	ug/L
106-47-8	4-Chloroaniline	110	UD	18.5	110	ug/L
87-68-3	Hexachlorobutadiene	110	UD	11.9	110	ug/L
105-60-2	Caprolactam	220	UD	24.8	220	ug/L
59-50-7	4-Chloro-3-methylphenol	110	UD	13.0	110	ug/L
91-57-6	2-Methylnaphthalene	550	D	12.3	110	ug/L
77-47-4	Hexachlorocyclopentadiene	220	UD	79.8	220	ug/L
88-06-2	2,4,6-Trichlorophenol	110	UD	11.2	110	ug/L
95-95-4	2,4,5-Trichlorophenol	110	UD	13.6	110	ug/L
92-52-4	1,1-Biphenyl	110	UD	11.6	110	ug/L
91-58-7	2-Chloronaphthalene	110	UD	13.4	110	ug/L
88-74-4	2-Nitroaniline	110	UD	27.7	110	ug/L
131-11-3	Dimethylphthalate	110	UD	13.4	110	ug/L

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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:	MN-12C-081825DL	SDG No.:	Q2900
Lab Sample ID:	Q2900-02DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143522.D	20	08/19/25 09:29	08/21/25 11:18	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	200	D	16.5	110	ug/L
606-20-2	2,6-Dinitrotoluene	110	UD	20.2	110	ug/L
99-09-2	3-Nitroaniline	110	UD	23.1	110	ug/L
83-32-9	Acenaphthene	110	UD	12.1	110	ug/L
51-28-5	2,4-Dinitrophenol	220	UD	130	220	ug/L
100-02-7	4-Nitrophenol	220	UD	52.3	220	ug/L
132-64-9	Dibenzofuran	110	UD	13.4	110	ug/L
121-14-2	2,4-Dinitrotoluene	110	UD	26.8	110	ug/L
84-66-2	Diethylphthalate	110	UD	15.2	110	ug/L
7005-72-3	4-Chlorophenyl-phenylether	110	UD	14.9	110	ug/L
86-73-7	Fluorene	110	UD	13.8	110	ug/L
100-01-6	4-Nitroaniline	110	UD	33.0	110	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	220	UD	63.3	220	ug/L
86-30-6	n-Nitrosodiphenylamine	110	UD	12.7	110	ug/L
101-55-3	4-Bromophenyl-phenylether	110	UD	8.80	110	ug/L
118-74-1	Hexachlorobenzene	110	UD	11.4	110	ug/L
1912-24-9	Atrazine	110	UD	22.2	110	ug/L
87-86-5	Pentachlorophenol	220	UD	34.7	220	ug/L
85-01-8	Phenanthrene	110	UD	11.0	110	ug/L
120-12-7	Anthracene	110	UD	13.4	110	ug/L
86-74-8	Carbazole	110	UD	15.8	110	ug/L
84-74-2	Di-n-butylphthalate	110	UD	26.8	110	ug/L
206-44-0	Fluoranthene	110	UD	18.0	110	ug/L
129-00-0	Pyrene	110	UD	11.0	110	ug/L
85-68-7	Butylbenzylphthalate	110	UDQ	42.4	110	ug/L
91-94-1	3,3-Dichlorobenzidine	220	UDQ	20.4	220	ug/L
56-55-3	Benzo(a)anthracene	110	UD	9.90	110	ug/L
218-01-9	Chrysene	110	UD	9.70	110	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	110	UD	35.2	110	ug/L
117-84-0	Di-n-octyl phthalate	220	UD	51.4	220	ug/L
205-99-2	Benzo(b)fluoranthene	110	UD	10.8	110	ug/L

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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:	MN-12C-081825DL	SDG No.:	Q2900
Lab Sample ID:	Q2900-02DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143522.D	20	08/19/25 09:29	08/21/25 11:18	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	110	UD	10.5	110	ug/L
50-32-8	Benzo(a)pyrene	110	UD	12.1	110	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	110	UD	13.0	110	ug/L
53-70-3	Dibenzo(a,h)anthracene	110	UD	14.7	110	ug/L
191-24-2	Benzo(g,h,i)perylene	110	UD	15.2	110	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	110	UD	11.4	110	ug/L
123-91-1	1,4-Dioxane	110	UD	22.0	110	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	110	UD	15.8	110	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	51.2		23 - 138	34%	SPK: 150
13127-88-3	Phenol-d6	37.2		10 - 134	25%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.4		67 - 132	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	97.9		52 - 132	98%	SPK: 100
118-79-6	2,4,6-Tribromophenol	98.2		44 - 137	65%	SPK: 150
1718-51-0	Terphenyl-d14	80.9		42 - 152	81%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	110000	6.928			
1146-65-2	Naphthalene-d8	414000	8.21			
15067-26-2	Acenaphthene-d10	236000	9.963			
1517-22-2	Phenanthrene-d10	348000	11.451			
1719-03-5	Chrysene-d12	223000	14.092			
1520-96-3	Perylene-d12	252000	15.592			

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

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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:	MN-12C-081825DL2	SDG No.:	Q2900
Lab Sample ID:	Q2900-02DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143527.D	100	08/19/25 09:29	08/21/25 13:44	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	1100	UD	430	1100	ug/L
108-95-2	Phenol	550	UD	100	550	ug/L
111-44-4	bis(2-Chloroethyl)ether	550	UD	89.0	550	ug/L
95-57-8	2-Chlorophenol	550	UD	63.7	550	ug/L
95-48-7	2-Methylphenol	550	UD	120	550	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	550	UD	140	550	ug/L
98-86-2	Acetophenone	550	UD	81.3	550	ug/L
65794-96-9	3+4-Methylphenols	1100	UD	120	1100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	270	UD	150	270	ug/L
67-72-1	Hexachloroethane	550	UD	71.4	550	ug/L
98-95-3	Nitrobenzene	550	UD	83.5	550	ug/L
78-59-1	Isophorone	550	UD	82.4	550	ug/L
88-75-5	2-Nitrophenol	550	UD	190	550	ug/L
105-67-9	2,4-Dimethylphenol	550	UD	200	550	ug/L
111-91-1	bis(2-Chloroethoxy)methane	550	UD	74.7	550	ug/L
120-83-2	2,4-Dichlorophenol	550	UD	57.1	550	ug/L
91-20-3	Naphthalene	8000	D	54.9	550	ug/L
106-47-8	4-Chloroaniline	550	UD	92.3	550	ug/L
87-68-3	Hexachlorobutadiene	550	UD	59.3	550	ug/L
105-60-2	Caprolactam	1100	UD	120	1100	ug/L
59-50-7	4-Chloro-3-methylphenol	550	UD	64.8	550	ug/L
91-57-6	2-Methylnaphthalene	690	D	61.5	550	ug/L
77-47-4	Hexachlorocyclopentadiene	1100	UD	400	1100	ug/L
88-06-2	2,4,6-Trichlorophenol	550	UD	56.0	550	ug/L
95-95-4	2,4,5-Trichlorophenol	550	UD	68.1	550	ug/L
92-52-4	1,1-Biphenyl	550	UD	58.2	550	ug/L
91-58-7	2-Chloronaphthalene	550	UD	67.0	550	ug/L
88-74-4	2-Nitroaniline	550	UD	140	550	ug/L
131-11-3	Dimethylphthalate	550	UD	67.0	550	ug/L

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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:	MN-12C-081825DL2	SDG No.:	Q2900
Lab Sample ID:	Q2900-02DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143527.D	100	08/19/25 09:29	08/21/25 13:44	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	240	JD	82.4	550	ug/L
606-20-2	2,6-Dinitrotoluene	550	UD	100	550	ug/L
99-09-2	3-Nitroaniline	550	UD	120	550	ug/L
83-32-9	Acenaphthene	550	UD	60.4	550	ug/L
51-28-5	2,4-Dinitrophenol	1100	UD	660	1100	ug/L
100-02-7	4-Nitrophenol	1100	UD	260	1100	ug/L
132-64-9	Dibenzofuran	550	UD	67.0	550	ug/L
121-14-2	2,4-Dinitrotoluene	550	UD	130	550	ug/L
84-66-2	Diethylphthalate	550	UD	75.8	550	ug/L
7005-72-3	4-Chlorophenyl-phenylether	550	UD	74.7	550	ug/L
86-73-7	Fluorene	550	UD	69.2	550	ug/L
100-01-6	4-Nitroaniline	550	UD	160	550	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1100	UD	320	1100	ug/L
86-30-6	n-Nitrosodiphenylamine	550	UD	63.7	550	ug/L
101-55-3	4-Bromophenyl-phenylether	550	UD	44.0	550	ug/L
118-74-1	Hexachlorobenzene	550	UD	57.1	550	ug/L
1912-24-9	Atrazine	550	UD	110	550	ug/L
87-86-5	Pentachlorophenol	1100	UD	170	1100	ug/L
85-01-8	Phenanthrene	550	UD	54.9	550	ug/L
120-12-7	Anthracene	550	UD	67.0	550	ug/L
86-74-8	Carbazole	550	UD	79.1	550	ug/L
84-74-2	Di-n-butylphthalate	550	UD	130	550	ug/L
206-44-0	Fluoranthene	550	UD	90.1	550	ug/L
129-00-0	Pyrene	550	UD	54.9	550	ug/L
85-68-7	Butylbenzylphthalate	550	UDQ	210	550	ug/L
91-94-1	3,3-Dichlorobenzidine	1100	UDQ	100	1100	ug/L
56-55-3	Benzo(a)anthracene	550	UD	49.5	550	ug/L
218-01-9	Chrysene	550	UD	48.4	550	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	550	UD	180	550	ug/L
117-84-0	Di-n-octyl phthalate	1100	UD	260	1100	ug/L
205-99-2	Benzo(b)fluoranthene	550	UD	53.8	550	ug/L

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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:	MN-12C-081825DL2	SDG No.:	Q2900
Lab Sample ID:	Q2900-02DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143527.D	100	08/19/25 09:29	08/21/25 13:44	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	550	UD	52.7	550	ug/L
50-32-8	Benzo(a)pyrene	550	UD	60.4	550	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	550	UD	64.8	550	ug/L
53-70-3	Dibenzo(a,h)anthracene	550	UD	73.6	550	ug/L
191-24-2	Benzo(g,h,i)perylene	550	UD	75.8	550	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	550	UD	57.1	550	ug/L
123-91-1	1,4-Dioxane	550	UD	110	550	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	550	UD	79.1	550	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	46.4		23 - 138	31%	SPK: 150
13127-88-3	Phenol-d6	42.2		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	91.9		67 - 132	92%	SPK: 100
321-60-8	2-Fluorobiphenyl	133	*	52 - 132	133%	SPK: 100
118-79-6	2,4,6-Tribromophenol	74.4		44 - 137	50%	SPK: 150
1718-51-0	Terphenyl-d14	96.7		42 - 152	97%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	101000	6.928			
1146-65-2	Naphthalene-d8	382000	8.21			
15067-26-2	Acenaphthene-d10	199000	9.963			
1517-22-2	Phenanthrene-d10	282000	11.451			
1719-03-5	Chrysene-d12	192000	14.098			
1520-96-3	Perylene-d12	235000	15.598			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
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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:	DUP-01-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	930 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143512.D	1	08/19/25 09:29	08/21/25 04:49	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.8	U	4.20	10.8	ug/L
108-95-2	Phenol	5.40	U	0.98	5.40	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.40	U	0.87	5.40	ug/L
95-57-8	2-Chlorophenol	5.40	U	0.62	5.40	ug/L
95-48-7	2-Methylphenol	5.40	U	1.20	5.40	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.40	U	1.40	5.40	ug/L
98-86-2	Acetophenone	5.40	U	0.80	5.40	ug/L
65794-96-9	3+4-Methylphenols	10.8	U	1.20	10.8	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.70	U	1.50	2.70	ug/L
67-72-1	Hexachloroethane	5.40	U	0.70	5.40	ug/L
98-95-3	Nitrobenzene	5.40	U	0.82	5.40	ug/L
78-59-1	Isophorone	5.40	U	0.81	5.40	ug/L
88-75-5	2-Nitrophenol	5.40	U	1.90	5.40	ug/L
105-67-9	2,4-Dimethylphenol	5.40	U	2.00	5.40	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.40	U	0.73	5.40	ug/L
120-83-2	2,4-Dichlorophenol	5.40	U	0.56	5.40	ug/L
91-20-3	Naphthalene	4300	E	0.54	5.40	ug/L
106-47-8	4-Chloroaniline	5.40	U	0.90	5.40	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	0.58	5.40	ug/L
105-60-2	Caprolactam	10.8	U	1.20	10.8	ug/L
59-50-7	4-Chloro-3-methylphenol	5.40	U	0.63	5.40	ug/L
91-57-6	2-Methylnaphthalene	900	E	0.60	5.40	ug/L
77-47-4	Hexachlorocyclopentadiene	10.8	U	3.90	10.8	ug/L
88-06-2	2,4,6-Trichlorophenol	5.40	U	0.55	5.40	ug/L
95-95-4	2,4,5-Trichlorophenol	5.40	U	0.67	5.40	ug/L
92-52-4	1,1-Biphenyl	30.8		0.57	5.40	ug/L
91-58-7	2-Chloronaphthalene	5.40	U	0.66	5.40	ug/L
88-74-4	2-Nitroaniline	5.40	U	1.40	5.40	ug/L
131-11-3	Dimethylphthalate	5.40	U	0.66	5.40	ug/L

Alliance TECHNICAL GROUP
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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:	DUP-01-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	930 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143512.D	1	08/19/25 09:29	08/21/25 04:49	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	170	E	0.81	5.40	ug/L
606-20-2	2,6-Dinitrotoluene	5.40	U	0.99	5.40	ug/L
99-09-2	3-Nitroaniline	5.40	U	1.10	5.40	ug/L
83-32-9	Acenaphthene	28.9		0.59	5.40	ug/L
51-28-5	2,4-Dinitrophenol	10.8	U	6.40	10.8	ug/L
100-02-7	4-Nitrophenol	10.8	U	2.60	10.8	ug/L
132-64-9	Dibenzofuran	4.40	J	0.66	5.40	ug/L
121-14-2	2,4-Dinitrotoluene	5.40	U	1.30	5.40	ug/L
84-66-2	Diethylphthalate	5.40	U	0.74	5.40	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.40	U	0.73	5.40	ug/L
86-73-7	Fluorene	25.9		0.68	5.40	ug/L
100-01-6	4-Nitroaniline	5.40	U	1.60	5.40	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.8	U	3.10	10.8	ug/L
86-30-6	n-Nitrosodiphenylamine	5.40	U	0.62	5.40	ug/L
101-55-3	4-Bromophenyl-phenylether	5.40	U	0.43	5.40	ug/L
118-74-1	Hexachlorobenzene	5.40	U	0.56	5.40	ug/L
1912-24-9	Atrazine	5.40	U	1.10	5.40	ug/L
87-86-5	Pentachlorophenol	10.8	U	1.70	10.8	ug/L
85-01-8	Phenanthrene	13.9		0.54	5.40	ug/L
120-12-7	Anthracene	5.40	U	0.66	5.40	ug/L
86-74-8	Carbazole	14.7		0.77	5.40	ug/L
84-74-2	Di-n-butylphthalate	5.40	U	1.30	5.40	ug/L
206-44-0	Fluoranthene	5.40	U	0.88	5.40	ug/L
129-00-0	Pyrene	5.40	U	0.54	5.40	ug/L
85-68-7	Butylbenzylphthalate	5.40	UQ	2.10	5.40	ug/L
91-94-1	3,3-Dichlorobenzidine	10.8	UQ	1.00	10.8	ug/L
56-55-3	Benzo(a)anthracene	5.40	U	0.48	5.40	ug/L
218-01-9	Chrysene	5.40	U	0.47	5.40	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.40	U	1.70	5.40	ug/L
117-84-0	Di-n-octyl phthalate	10.8	U	2.50	10.8	ug/L
205-99-2	Benzo(b)fluoranthene	5.40	U	0.53	5.40	ug/L

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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:	DUP-01-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	930 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143512.D	1	08/19/25 09:29	08/21/25 04:49	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.40	U	0.52	5.40	ug/L
50-32-8	Benzo(a)pyrene	5.40	U	0.59	5.40	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.40	U	0.63	5.40	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.40	U	0.72	5.40	ug/L
191-24-2	Benzo(g,h,i)perylene	5.40	U	0.74	5.40	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.40	U	0.56	5.40	ug/L
123-91-1	1,4-Dioxane	5.40	U	1.10	5.40	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.40	U	0.77	5.40	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	29.6	*	23 - 138	20%	SPK: 150
13127-88-3	Phenol-d6	39.9		10 - 134	27%	SPK: 150
4165-60-0	Nitrobenzene-d5	258	*	67 - 132	258%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.8		52 - 132	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	132		44 - 137	88%	SPK: 150
1718-51-0	Terphenyl-d14	82.7		42 - 152	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	128000	6.94			
1146-65-2	Naphthalene-d8	162000	8.228			
15067-26-2	Acenaphthene-d10	252000	9.963			
1517-22-2	Phenanthrene-d10	378000	11.451			
1719-03-5	Chrysene-d12	229000	14.092			
1520-96-3	Perylene-d12	281000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	17.4	J		2.27	ug/L
000544-25-2	1,3,5-Cycloheptatriene	160	J		4.14	ug/L
002175-91-9	1,3-Cyclopentadiene, 5-(1-methylet	91.2	J		5.46	ug/L
000694-87-1	Bicyclo[4.2.0]octa-1,3,5-triene	110	J		5.83	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	35.9	J		6.47	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	20.0	J		6.50	ug/L
000098-83-9	.alpha.-Methylstyrene	8.30	J		6.64	ug/L

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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:	DUP-01-081825	SDG No.:	Q2900
Lab Sample ID:	Q2900-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	930 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143512.D	1	08/19/25 09:29	08/21/25 04:49	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000526-73-8	Benzene, 1,2,3-trimethyl-	65.8	J		6.78	ug/L
1000191-13-7	Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	7.90	J		6.81	ug/L
000095-63-6	Benzene, 1,2,4-trimethyl-	21.5	J		7.00	ug/L
026146-77-0	trans-Cinnamyl bromide	7.30	J		7.04	ug/L
000496-11-7	Indane	54.0	J		7.13	ug/L
000095-13-6	Indene	180	J		7.26	ug/L
90-12-0	1-Methylnaphthalene	770	J		9.05	ug/L
000575-43-9	Naphthalene, 1,6-dimethyl-	24.9	J		9.55	ug/L
000571-61-9	Naphthalene, 1,5-dimethyl-	29.1	J		9.62	ug/L
000575-37-1	Naphthalene, 1,7-dimethyl-	12.7	J		9.65	ug/L
000827-54-3	Naphthalene, 2-ethenyl-	13.3	J		9.69	ug/L
000575-41-7	Naphthalene, 1,3-dimethyl-	14.9	J		9.74	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

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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:	DUP-01-081825DL	SDG No.:	Q2900
Lab Sample ID:	Q2900-03DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	930 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143523.D	20	08/19/25 09:29	08/21/25 11:47	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	220	UD	84.1	220	ug/L
108-95-2	Phenol	110	UD	19.6	110	ug/L
111-44-4	bis(2-Chloroethyl)ether	110	UD	17.4	110	ug/L
95-57-8	2-Chlorophenol	110	UD	12.5	110	ug/L
95-48-7	2-Methylphenol	110	UD	24.1	110	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	110	UD	27.5	110	ug/L
98-86-2	Acetophenone	110	UD	15.9	110	ug/L
65794-96-9	3+4-Methylphenols	220	UD	23.7	220	ug/L
621-64-7	n-Nitroso-di-n-propylamine	53.8	UD	30.3	53.8	ug/L
67-72-1	Hexachloroethane	110	UD	14.0	110	ug/L
98-95-3	Nitrobenzene	110	UD	16.3	110	ug/L
78-59-1	Isophorone	110	UD	16.1	110	ug/L
88-75-5	2-Nitrophenol	110	UD	37.8	110	ug/L
105-67-9	2,4-Dimethylphenol	110	UD	39.8	110	ug/L
111-91-1	bis(2-Chloroethoxy)methane	110	UD	14.6	110	ug/L
120-83-2	2,4-Dichlorophenol	110	UD	11.2	110	ug/L
91-20-3	Naphthalene	4300	ED	10.8	110	ug/L
106-47-8	4-Chloroaniline	110	UD	18.1	110	ug/L
87-68-3	Hexachlorobutadiene	110	UD	11.6	110	ug/L
105-60-2	Caprolactam	220	UD	24.3	220	ug/L
59-50-7	4-Chloro-3-methylphenol	110	UD	12.7	110	ug/L
91-57-6	2-Methylnaphthalene	520	D	12.0	110	ug/L
77-47-4	Hexachlorocyclopentadiene	220	UD	78.1	220	ug/L
88-06-2	2,4,6-Trichlorophenol	110	UD	11.0	110	ug/L
95-95-4	2,4,5-Trichlorophenol	110	UD	13.3	110	ug/L
92-52-4	1,1-Biphenyl	110	UD	11.4	110	ug/L
91-58-7	2-Chloronaphthalene	110	UD	13.1	110	ug/L
88-74-4	2-Nitroaniline	110	UD	27.1	110	ug/L
131-11-3	Dimethylphthalate	110	UD	13.1	110	ug/L

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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:	DUP-01-081825DL	SDG No.:	Q2900
Lab Sample ID:	Q2900-03DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	930 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143523.D	20	08/19/25 09:29	08/21/25 11:47	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	190	D	16.1	110	ug/L
606-20-2	2,6-Dinitrotoluene	110	UD	19.8	110	ug/L
99-09-2	3-Nitroaniline	110	UD	22.6	110	ug/L
83-32-9	Acenaphthene	110	UD	11.8	110	ug/L
51-28-5	2,4-Dinitrophenol	220	UD	130	220	ug/L
100-02-7	4-Nitrophenol	220	UD	51.2	220	ug/L
132-64-9	Dibenzofuran	110	UD	13.1	110	ug/L
121-14-2	2,4-Dinitrotoluene	110	UD	26.2	110	ug/L
84-66-2	Diethylphthalate	110	UD	14.8	110	ug/L
7005-72-3	4-Chlorophenyl-phenylether	110	UD	14.6	110	ug/L
86-73-7	Fluorene	110	UD	13.5	110	ug/L
100-01-6	4-Nitroaniline	110	UD	32.3	110	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	220	UD	61.9	220	ug/L
86-30-6	n-Nitrosodiphenylamine	110	UD	12.5	110	ug/L
101-55-3	4-Bromophenyl-phenylether	110	UD	8.60	110	ug/L
118-74-1	Hexachlorobenzene	110	UD	11.2	110	ug/L
1912-24-9	Atrazine	110	UD	21.7	110	ug/L
87-86-5	Pentachlorophenol	220	UD	34.0	220	ug/L
85-01-8	Phenanthrene	110	UD	10.8	110	ug/L
120-12-7	Anthracene	110	UD	13.1	110	ug/L
86-74-8	Carbazole	110	UD	15.5	110	ug/L
84-74-2	Di-n-butylphthalate	110	UD	26.2	110	ug/L
206-44-0	Fluoranthene	110	UD	17.6	110	ug/L
129-00-0	Pyrene	110	UD	10.8	110	ug/L
85-68-7	Butylbenzylphthalate	110	UDQ	41.5	110	ug/L
91-94-1	3,3-Dichlorobenzidine	220	UDQ	20.0	220	ug/L
56-55-3	Benzo(a)anthracene	110	UD	9.70	110	ug/L
218-01-9	Chrysene	110	UD	9.50	110	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	110	UD	34.4	110	ug/L
117-84-0	Di-n-octyl phthalate	220	UD	50.3	220	ug/L
205-99-2	Benzo(b)fluoranthene	110	UD	10.5	110	ug/L

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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:	DUP-01-081825DL	SDG No.:	Q2900
Lab Sample ID:	Q2900-03DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	930 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143523.D	20	08/19/25 09:29	08/21/25 11:47	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	110	UD	10.3	110	ug/L
50-32-8	Benzo(a)pyrene	110	UD	11.8	110	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	110	UD	12.7	110	ug/L
53-70-3	Dibenzo(a,h)anthracene	110	UD	14.4	110	ug/L
191-24-2	Benzo(g,h,i)perylene	110	UD	14.8	110	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	110	UD	11.2	110	ug/L
123-91-1	1,4-Dioxane	110	UD	21.5	110	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	110	UD	15.5	110	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	40.7		23 - 138	27%	SPK: 150
13127-88-3	Phenol-d6	28.2		10 - 134	19%	SPK: 150
4165-60-0	Nitrobenzene-d5	68.1		67 - 132	68%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.8		52 - 132	77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	76.5		44 - 137	51%	SPK: 150
1718-51-0	Terphenyl-d14	66.7		42 - 152	67%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	120000	6.928			
1146-65-2	Naphthalene-d8	450000	8.21			
15067-26-2	Acenaphthene-d10	258000	9.963			
1517-22-2	Phenanthrene-d10	382000	11.451			
1719-03-5	Chrysene-d12	254000	14.092			
1520-96-3	Perylene-d12	291000	15.592			

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

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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:	DUP-01-081825DL2	SDG No.:	Q2900
Lab Sample ID:	Q2900-03DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	930 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143528.D	100	08/19/25 09:29	08/21/25 14:13	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	1100	UD	420	1100	ug/L
108-95-2	Phenol	540	UD	97.8	540	ug/L
111-44-4	bis(2-Chloroethyl)ether	540	UD	87.1	540	ug/L
95-57-8	2-Chlorophenol	540	UD	62.4	540	ug/L
95-48-7	2-Methylphenol	540	UD	120	540	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	540	UD	140	540	ug/L
98-86-2	Acetophenone	540	UD	79.6	540	ug/L
65794-96-9	3+4-Methylphenols	1100	UD	120	1100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	270	UD	150	270	ug/L
67-72-1	Hexachloroethane	540	UD	69.9	540	ug/L
98-95-3	Nitrobenzene	540	UD	81.7	540	ug/L
78-59-1	Isophorone	540	UD	80.6	540	ug/L
88-75-5	2-Nitrophenol	540	UD	190	540	ug/L
105-67-9	2,4-Dimethylphenol	540	UD	200	540	ug/L
111-91-1	bis(2-Chloroethoxy)methane	540	UD	73.1	540	ug/L
120-83-2	2,4-Dichlorophenol	540	UD	55.9	540	ug/L
91-20-3	Naphthalene	8300	D	53.8	540	ug/L
106-47-8	4-Chloroaniline	540	UD	90.3	540	ug/L
87-68-3	Hexachlorobutadiene	540	UD	58.1	540	ug/L
105-60-2	Caprolactam	1100	UD	120	1100	ug/L
59-50-7	4-Chloro-3-methylphenol	540	UD	63.4	540	ug/L
91-57-6	2-Methylnaphthalene	760	D	60.2	540	ug/L
77-47-4	Hexachlorocyclopentadiene	1100	UD	390	1100	ug/L
88-06-2	2,4,6-Trichlorophenol	540	UD	54.8	540	ug/L
95-95-4	2,4,5-Trichlorophenol	540	UD	66.7	540	ug/L
92-52-4	1,1-Biphenyl	540	UD	57.0	540	ug/L
91-58-7	2-Chloronaphthalene	540	UD	65.6	540	ug/L
88-74-4	2-Nitroaniline	540	UD	140	540	ug/L
131-11-3	Dimethylphthalate	540	UD	65.6	540	ug/L

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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:	DUP-01-081825DL2	SDG No.:	Q2900
Lab Sample ID:	Q2900-03DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	930 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143528.D	100	08/19/25 09:29	08/21/25 14:13	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	270	JD	80.6	540	ug/L
606-20-2	2,6-Dinitrotoluene	540	UD	98.9	540	ug/L
99-09-2	3-Nitroaniline	540	UD	110	540	ug/L
83-32-9	Acenaphthene	540	UD	59.1	540	ug/L
51-28-5	2,4-Dinitrophenol	1100	UD	640	1100	ug/L
100-02-7	4-Nitrophenol	1100	UD	260	1100	ug/L
132-64-9	Dibenzofuran	540	UD	65.6	540	ug/L
121-14-2	2,4-Dinitrotoluene	540	UD	130	540	ug/L
84-66-2	Diethylphthalate	540	UD	74.2	540	ug/L
7005-72-3	4-Chlorophenyl-phenylether	540	UD	73.1	540	ug/L
86-73-7	Fluorene	540	UD	67.7	540	ug/L
100-01-6	4-Nitroaniline	540	UD	160	540	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1100	UD	310	1100	ug/L
86-30-6	n-Nitrosodiphenylamine	540	UD	62.4	540	ug/L
101-55-3	4-Bromophenyl-phenylether	540	UD	43.0	540	ug/L
118-74-1	Hexachlorobenzene	540	UD	55.9	540	ug/L
1912-24-9	Atrazine	540	UD	110	540	ug/L
87-86-5	Pentachlorophenol	1100	UD	170	1100	ug/L
85-01-8	Phenanthrene	540	UD	53.8	540	ug/L
120-12-7	Anthracene	540	UD	65.6	540	ug/L
86-74-8	Carbazole	540	UD	77.4	540	ug/L
84-74-2	Di-n-butylphthalate	540	UD	130	540	ug/L
206-44-0	Fluoranthene	540	UD	88.2	540	ug/L
129-00-0	Pyrene	540	UD	53.8	540	ug/L
85-68-7	Butylbenzylphthalate	540	UDQ	210	540	ug/L
91-94-1	3,3-Dichlorobenzidine	1100	UDQ	100	1100	ug/L
56-55-3	Benzo(a)anthracene	540	UD	48.4	540	ug/L
218-01-9	Chrysene	540	UD	47.3	540	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	540	UD	170	540	ug/L
117-84-0	Di-n-octyl phthalate	1100	UD	250	1100	ug/L
205-99-2	Benzo(b)fluoranthene	540	UD	52.7	540	ug/L

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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:	DUP-01-081825DL2	SDG No.:	Q2900
Lab Sample ID:	Q2900-03DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	930 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143528.D	100	08/19/25 09:29	08/21/25 14:13	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	540	UD	51.6	540	ug/L
50-32-8	Benzo(a)pyrene	540	UD	59.1	540	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	540	UD	63.4	540	ug/L
53-70-3	Dibenzo(a,h)anthracene	540	UD	72.0	540	ug/L
191-24-2	Benzo(g,h,i)perylene	540	UD	74.2	540	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	540	UD	55.9	540	ug/L
123-91-1	1,4-Dioxane	540	UD	110	540	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	540	UD	77.4	540	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	37.8		23 - 138	25%	SPK: 150
13127-88-3	Phenol-d6	31.3		10 - 134	21%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.9		67 - 132	83%	SPK: 100
321-60-8	2-Fluorobiphenyl	115		52 - 132	115%	SPK: 100
118-79-6	2,4,6-Tribromophenol	60.6	*	44 - 137	40%	SPK: 150
1718-51-0	Terphenyl-d14	89.0		42 - 152	89%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	106000	6.928			
1146-65-2	Naphthalene-d8	407000	8.21			
15067-26-2	Acenaphthene-d10	216000	9.963			
1517-22-2	Phenanthrene-d10	311000	11.451			
1719-03-5	Chrysene-d12	211000	14.092			
1520-96-3	Perylene-d12	252000	15.592			

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

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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:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143496.D	1	08/19/25 09:29	08/20/25 20:37	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.6	U	4.20	10.6	ug/L
108-95-2	Phenol	5.30	U	0.97	5.30	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.30	U	0.86	5.30	ug/L
95-57-8	2-Chlorophenol	5.30	U	0.62	5.30	ug/L
95-48-7	2-Methylphenol	5.30	U	1.20	5.30	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.30	U	1.40	5.30	ug/L
98-86-2	Acetophenone	5.30	U	0.79	5.30	ug/L
65794-96-9	3+4-Methylphenols	10.6	U	1.20	10.6	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.70	U	1.50	2.70	ug/L
67-72-1	Hexachloroethane	5.30	U	0.69	5.30	ug/L
98-95-3	Nitrobenzene	5.30	U	0.81	5.30	ug/L
78-59-1	Isophorone	5.30	U	0.80	5.30	ug/L
88-75-5	2-Nitrophenol	5.30	U	1.90	5.30	ug/L
105-67-9	2,4-Dimethylphenol	5.30	U	2.00	5.30	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.30	U	0.72	5.30	ug/L
120-83-2	2,4-Dichlorophenol	5.30	U	0.55	5.30	ug/L
91-20-3	Naphthalene	5.30	U	0.53	5.30	ug/L
106-47-8	4-Chloroaniline	5.30	U	0.89	5.30	ug/L
87-68-3	Hexachlorobutadiene	5.30	U	0.57	5.30	ug/L
105-60-2	Caprolactam	10.6	U	1.20	10.6	ug/L
59-50-7	4-Chloro-3-methylphenol	5.30	U	0.63	5.30	ug/L
91-57-6	2-Methylnaphthalene	5.30	U	0.60	5.30	ug/L
77-47-4	Hexachlorocyclopentadiene	10.6	U	3.90	10.6	ug/L
88-06-2	2,4,6-Trichlorophenol	5.30	U	0.54	5.30	ug/L
95-95-4	2,4,5-Trichlorophenol	5.30	U	0.66	5.30	ug/L
92-52-4	1,1-Biphenyl	5.30	U	0.56	5.30	ug/L
91-58-7	2-Chloronaphthalene	5.30	U	0.65	5.30	ug/L
88-74-4	2-Nitroaniline	5.30	U	1.30	5.30	ug/L
131-11-3	Dimethylphthalate	5.30	U	0.65	5.30	ug/L

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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:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143496.D	1	08/19/25 09:29	08/20/25 20:37	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.30	U	0.80	5.30	ug/L
606-20-2	2,6-Dinitrotoluene	5.30	U	0.98	5.30	ug/L
99-09-2	3-Nitroaniline	5.30	U	1.10	5.30	ug/L
83-32-9	Acenaphthene	5.30	U	0.59	5.30	ug/L
51-28-5	2,4-Dinitrophenol	10.6	U	6.40	10.6	ug/L
100-02-7	4-Nitrophenol	10.6	U	2.50	10.6	ug/L
132-64-9	Dibenzofuran	5.30	U	0.65	5.30	ug/L
121-14-2	2,4-Dinitrotoluene	5.30	U	1.30	5.30	ug/L
84-66-2	Diethylphthalate	5.30	U	0.73	5.30	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.30	U	0.72	5.30	ug/L
86-73-7	Fluorene	5.30	U	0.67	5.30	ug/L
100-01-6	4-Nitroaniline	5.30	U	1.60	5.30	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.6	U	3.10	10.6	ug/L
86-30-6	n-Nitrosodiphenylamine	5.30	U	0.62	5.30	ug/L
101-55-3	4-Bromophenyl-phenylether	5.30	U	0.43	5.30	ug/L
118-74-1	Hexachlorobenzene	5.30	U	0.55	5.30	ug/L
1912-24-9	Atrazine	5.30	U	1.10	5.30	ug/L
87-86-5	Pentachlorophenol	10.6	U	1.70	10.6	ug/L
85-01-8	Phenanthrene	5.30	U	0.53	5.30	ug/L
120-12-7	Anthracene	5.30	U	0.65	5.30	ug/L
86-74-8	Carbazole	5.30	U	0.77	5.30	ug/L
84-74-2	Di-n-butylphthalate	5.30	U	1.30	5.30	ug/L
206-44-0	Fluoranthene	5.30	U	0.87	5.30	ug/L
129-00-0	Pyrene	5.30	U	0.53	5.30	ug/L
85-68-7	Butylbenzylphthalate	5.30	UQ	2.10	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	10.6	UQ	0.99	10.6	ug/L
56-55-3	Benzo(a)anthracene	5.30	U	0.48	5.30	ug/L
218-01-9	Chrysene	5.30	U	0.47	5.30	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.30	U	1.70	5.30	ug/L
117-84-0	Di-n-octyl phthalate	10.6	U	2.50	10.6	ug/L
205-99-2	Benzo(b)fluoranthene	5.30	U	0.52	5.30	ug/L

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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:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143496.D	1	08/19/25 09:29	08/20/25 20:37	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.30	U	0.51	5.30	ug/L
50-32-8	Benzo(a)pyrene	5.30	U	0.59	5.30	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.30	U	0.63	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.30	U	0.71	5.30	ug/L
191-24-2	Benzo(g,h,i)perylene	5.30	U	0.73	5.30	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.30	U	0.55	5.30	ug/L
123-91-1	1,4-Dioxane	5.30	U	1.10	5.30	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.30	U	0.77	5.30	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	63.2		23 - 138	42%	SPK: 150
13127-88-3	Phenol-d6	39.9		10 - 134	27%	SPK: 150
4165-60-0	Nitrobenzene-d5	93.5		67 - 132	94%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.0		52 - 132	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	128		44 - 137	86%	SPK: 150
1718-51-0	Terphenyl-d14	91.9		42 - 152	92%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	132000	6.928			
1146-65-2	Naphthalene-d8	508000	8.204			
15067-26-2	Acenaphthene-d10	274000	9.963			
1517-22-2	Phenanthrene-d10	430000	11.451			
1719-03-5	Chrysene-d12	242000	14.092			
1520-96-3	Perylene-d12	249000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J		2.27	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.20	AB		5.16	ug/L

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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:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143496.D	1	08/19/25 09:29	08/20/25 20:37	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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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:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143513.D	1	08/19/25 09:29	08/21/25 05:18	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.5	U	4.10	10.5	ug/L
108-95-2	Phenol	5.30	U	0.96	5.30	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.30	U	0.85	5.30	ug/L
95-57-8	2-Chlorophenol	5.30	U	0.61	5.30	ug/L
95-48-7	2-Methylphenol	5.30	U	1.20	5.30	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.30	U	1.30	5.30	ug/L
98-86-2	Acetophenone	5.30	U	0.78	5.30	ug/L
65794-96-9	3+4-Methylphenols	10.5	U	1.20	10.5	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.60	U	1.50	2.60	ug/L
67-72-1	Hexachloroethane	5.30	U	0.68	5.30	ug/L
98-95-3	Nitrobenzene	5.30	U	0.80	5.30	ug/L
78-59-1	Isophorone	5.30	U	0.79	5.30	ug/L
88-75-5	2-Nitrophenol	5.30	U	1.90	5.30	ug/L
105-67-9	2,4-Dimethylphenol	5.30	U	1.90	5.30	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.30	U	0.72	5.30	ug/L
120-83-2	2,4-Dichlorophenol	5.30	U	0.55	5.30	ug/L
91-20-3	Naphthalene	2200	E	0.53	5.30	ug/L
106-47-8	4-Chloroaniline	5.30	U	0.88	5.30	ug/L
87-68-3	Hexachlorobutadiene	5.30	U	0.57	5.30	ug/L
105-60-2	Caprolactam	10.5	U	1.20	10.5	ug/L
59-50-7	4-Chloro-3-methylphenol	5.30	U	0.62	5.30	ug/L
91-57-6	2-Methylnaphthalene	160	E	0.59	5.30	ug/L
77-47-4	Hexachlorocyclopentadiene	10.5	U	3.80	10.5	ug/L
88-06-2	2,4,6-Trichlorophenol	5.30	U	0.54	5.30	ug/L
95-95-4	2,4,5-Trichlorophenol	5.30	U	0.65	5.30	ug/L
92-52-4	1,1-Biphenyl	24.0		0.56	5.30	ug/L
91-58-7	2-Chloronaphthalene	5.30	U	0.64	5.30	ug/L
88-74-4	2-Nitroaniline	5.30	U	1.30	5.30	ug/L
131-11-3	Dimethylphthalate	5.30	U	0.64	5.30	ug/L

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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:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143513.D	1	08/19/25 09:29	08/21/25 05:18	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	110	E	0.79	5.30	ug/L
606-20-2	2,6-Dinitrotoluene	5.30	U	0.97	5.30	ug/L
99-09-2	3-Nitroaniline	5.30	U	1.10	5.30	ug/L
83-32-9	Acenaphthene	69.2		0.58	5.30	ug/L
51-28-5	2,4-Dinitrophenol	10.5	U	6.30	10.5	ug/L
100-02-7	4-Nitrophenol	10.5	U	2.50	10.5	ug/L
132-64-9	Dibenzofuran	5.00	J	0.64	5.30	ug/L
121-14-2	2,4-Dinitrotoluene	5.30	U	1.30	5.30	ug/L
84-66-2	Diethylphthalate	5.30	U	0.73	5.30	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.30	U	0.72	5.30	ug/L
86-73-7	Fluorene	17.9		0.66	5.30	ug/L
100-01-6	4-Nitroaniline	5.30	U	1.60	5.30	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.5	U	3.00	10.5	ug/L
86-30-6	n-Nitrosodiphenylamine	5.30	U	0.61	5.30	ug/L
101-55-3	4-Bromophenyl-phenylether	5.30	U	0.42	5.30	ug/L
118-74-1	Hexachlorobenzene	5.30	U	0.55	5.30	ug/L
1912-24-9	Atrazine	5.30	U	1.10	5.30	ug/L
87-86-5	Pentachlorophenol	10.5	U	1.70	10.5	ug/L
85-01-8	Phenanthrene	23.6		0.53	5.30	ug/L
120-12-7	Anthracene	3.30	J	0.64	5.30	ug/L
86-74-8	Carbazole	13.1		0.76	5.30	ug/L
84-74-2	Di-n-butylphthalate	5.30	U	1.30	5.30	ug/L
206-44-0	Fluoranthene	5.30	U	0.86	5.30	ug/L
129-00-0	Pyrene	5.30	U	0.53	5.30	ug/L
85-68-7	Butylbenzylphthalate	5.30	UQ	2.00	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	10.5	UQ	0.98	10.5	ug/L
56-55-3	Benzo(a)anthracene	5.30	U	0.47	5.30	ug/L
218-01-9	Chrysene	5.30	U	0.46	5.30	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.30	U	1.70	5.30	ug/L
117-84-0	Di-n-octyl phthalate	10.5	U	2.50	10.5	ug/L
205-99-2	Benzo(b)fluoranthene	5.30	U	0.52	5.30	ug/L

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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:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143513.D	1	08/19/25 09:29	08/21/25 05:18	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.30	U	0.51	5.30	ug/L
50-32-8	Benzo(a)pyrene	5.30	U	0.58	5.30	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.30	U	0.62	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.30	U	0.71	5.30	ug/L
191-24-2	Benzo(g,h,i)perylene	5.30	U	0.73	5.30	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.30	U	0.55	5.30	ug/L
123-91-1	1,4-Dioxane	5.30	U	1.10	5.30	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.30	U	0.76	5.30	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	48.1		23 - 138	32%	SPK: 150
13127-88-3	Phenol-d6	37.8		10 - 134	25%	SPK: 150
4165-60-0	Nitrobenzene-d5	200	*	67 - 132	200%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.4		52 - 132	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	135		44 - 137	90%	SPK: 150
1718-51-0	Terphenyl-d14	83.5		42 - 152	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	125000	6.934			
1146-65-2	Naphthalene-d8	212000	8.228			
15067-26-2	Acenaphthene-d10	252000	9.963			
1517-22-2	Phenanthrene-d10	380000	11.451			
1719-03-5	Chrysene-d12	223000	14.092			
1520-96-3	Perylene-d12	274000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	130	J		2.26	ug/L
000544-25-2	1,3,5-Cycloheptatriene	400	J		4.08	ug/L
002175-91-9	1,3-Cyclopentadiene, 5-(1-methylet	360	J		5.45	ug/L
000108-38-3	Benzene, 1,3-dimethyl-	480	J		5.80	ug/L
000098-82-8	Benzene, (1-methylethyl)-	39.6	J		6.10	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	29.6	J		6.46	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	95.7	J		6.49	ug/L

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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:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143513.D	1	08/19/25 09:29	08/21/25 05:18	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1000191-13-7	Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	37.9	J		6.80	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	130	J		6.99	ug/L
000300-57-2	Benzene, 2-propenyl-	25.0	J		7.03	ug/L
000496-11-7	Indane	230	J		7.12	ug/L
000095-13-6	Indene	890	J		7.22	ug/L
000767-59-9	1H-Indene, 1-methyl-	4.20	J		7.97	ug/L
022433-39-2	Benzene,1-methyl-1,2-propadienyl-	3.50	J		8.01	ug/L
90-12-0	1-Methylnaphthalene	570	J		9.04	ug/L
001127-76-0	Naphthalene, 1-ethyl-	12.5	J		9.48	ug/L
000575-43-9	Naphthalene, 1,6-dimethyl-	25.9	J		9.55	ug/L
000581-40-8	Naphthalene, 2,3-dimethyl-	36.4	J		9.62	ug/L
000575-41-7	Naphthalene, 1,3-dimethyl-	17.9	J		9.74	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

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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-081825DL	SDG No.:	Q2900
Lab Sample ID:	Q2900-05DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143524.D	20	08/19/25 09:29	08/21/25 12:17	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	210	UD	82.3	210	ug/L
108-95-2	Phenol	110	UD	19.2	110	ug/L
111-44-4	bis(2-Chloroethyl)ether	110	UD	17.1	110	ug/L
95-57-8	2-Chlorophenol	110	UD	12.2	110	ug/L
95-48-7	2-Methylphenol	110	UD	23.6	110	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	110	UD	26.9	110	ug/L
98-86-2	Acetophenone	110	UD	15.6	110	ug/L
65794-96-9	3+4-Methylphenols	210	UD	23.2	210	ug/L
621-64-7	n-Nitroso-di-n-propylamine	52.6	UD	29.7	52.6	ug/L
67-72-1	Hexachloroethane	110	UD	13.7	110	ug/L
98-95-3	Nitrobenzene	110	UD	16.0	110	ug/L
78-59-1	Isophorone	110	UD	15.8	110	ug/L
88-75-5	2-Nitrophenol	110	UD	37.1	110	ug/L
105-67-9	2,4-Dimethylphenol	110	UD	38.9	110	ug/L
111-91-1	bis(2-Chloroethoxy)methane	110	UD	14.3	110	ug/L
120-83-2	2,4-Dichlorophenol	110	UD	10.9	110	ug/L
91-20-3	Naphthalene	2800	ED	10.5	110	ug/L
106-47-8	4-Chloroaniline	110	UD	17.7	110	ug/L
87-68-3	Hexachlorobutadiene	110	UD	11.4	110	ug/L
105-60-2	Caprolactam	210	UD	23.8	210	ug/L
59-50-7	4-Chloro-3-methylphenol	110	UD	12.4	110	ug/L
91-57-6	2-Methylnaphthalene	76.6	JD	11.8	110	ug/L
77-47-4	Hexachlorocyclopentadiene	210	UD	76.4	210	ug/L
88-06-2	2,4,6-Trichlorophenol	110	UD	10.7	110	ug/L
95-95-4	2,4,5-Trichlorophenol	110	UD	13.1	110	ug/L
92-52-4	1,1-Biphenyl	110	UD	11.2	110	ug/L
91-58-7	2-Chloronaphthalene	110	UD	12.8	110	ug/L
88-74-4	2-Nitroaniline	110	UD	26.5	110	ug/L
131-11-3	Dimethylphthalate	110	UD	12.8	110	ug/L

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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-081825DL	SDG No.:	Q2900
Lab Sample ID:	Q2900-05DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143524.D	20	08/19/25 09:29	08/21/25 12:17	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	120	D	15.8	110	ug/L
606-20-2	2,6-Dinitrotoluene	110	UD	19.4	110	ug/L
99-09-2	3-Nitroaniline	110	UD	22.1	110	ug/L
83-32-9	Acenaphthene	72.4	JD	11.6	110	ug/L
51-28-5	2,4-Dinitrophenol	210	UD	130	210	ug/L
100-02-7	4-Nitrophenol	210	UD	50.1	210	ug/L
132-64-9	Dibenzofuran	110	UD	12.8	110	ug/L
121-14-2	2,4-Dinitrotoluene	110	UD	25.7	110	ug/L
84-66-2	Diethylphthalate	110	UD	14.5	110	ug/L
7005-72-3	4-Chlorophenyl-phenylether	110	UD	14.3	110	ug/L
86-73-7	Fluorene	110	UD	13.3	110	ug/L
100-01-6	4-Nitroaniline	110	UD	31.6	110	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	210	UD	60.6	210	ug/L
86-30-6	n-Nitrosodiphenylamine	110	UD	12.2	110	ug/L
101-55-3	4-Bromophenyl-phenylether	110	UD	8.40	110	ug/L
118-74-1	Hexachlorobenzene	110	UD	10.9	110	ug/L
1912-24-9	Atrazine	110	UD	21.3	110	ug/L
87-86-5	Pentachlorophenol	210	UD	33.3	210	ug/L
85-01-8	Phenanthrene	110	UD	10.5	110	ug/L
120-12-7	Anthracene	110	UD	12.8	110	ug/L
86-74-8	Carbazole	110	UD	15.2	110	ug/L
84-74-2	Di-n-butylphthalate	110	UD	25.7	110	ug/L
206-44-0	Fluoranthene	110	UD	17.3	110	ug/L
129-00-0	Pyrene	110	UD	10.5	110	ug/L
85-68-7	Butylbenzylphthalate	110	UDQ	40.6	110	ug/L
91-94-1	3,3-Dichlorobenzidine	210	UDQ	19.6	210	ug/L
56-55-3	Benzo(a)anthracene	110	UD	9.50	110	ug/L
218-01-9	Chrysene	110	UD	9.30	110	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	110	UD	33.7	110	ug/L
117-84-0	Di-n-octyl phthalate	210	UD	49.3	210	ug/L
205-99-2	Benzo(b)fluoranthene	110	UD	10.3	110	ug/L

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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-081825DL	SDG No.:	Q2900
Lab Sample ID:	Q2900-05DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143524.D	20	08/19/25 09:29	08/21/25 12:17	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	110	UD	10.1	110	ug/L
50-32-8	Benzo(a)pyrene	110	UD	11.6	110	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	110	UD	12.4	110	ug/L
53-70-3	Dibenzo(a,h)anthracene	110	UD	14.1	110	ug/L
191-24-2	Benzo(g,h,i)perylene	110	UD	14.5	110	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	110	UD	10.9	110	ug/L
123-91-1	1,4-Dioxane	110	UD	21.1	110	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	110	UD	15.2	110	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	39.7		23 - 138	26%	SPK: 150
13127-88-3	Phenol-d6	27.6		10 - 134	18%	SPK: 150
4165-60-0	Nitrobenzene-d5	73.7		67 - 132	74%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.6		52 - 132	89%	SPK: 100
118-79-6	2,4,6-Tribromophenol	77.6		44 - 137	52%	SPK: 150
1718-51-0	Terphenyl-d14	67.2		42 - 152	67%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	113000	6.922			
1146-65-2	Naphthalene-d8	431000	8.21			
15067-26-2	Acenaphthene-d10	238000	9.963			
1517-22-2	Phenanthrene-d10	357000	11.451			
1719-03-5	Chrysene-d12	226000	14.092			
1520-96-3	Perylene-d12	263000	15.592			

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

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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-081825DL2	SDG No.:	Q2900
Lab Sample ID:	Q2900-05DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143529.D	100	08/19/25 09:29	08/21/25 14:42	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	1100	UD	410	1100	ug/L
108-95-2	Phenol	530	UD	95.8	530	ug/L
111-44-4	bis(2-Chloroethyl)ether	530	UD	85.3	530	ug/L
95-57-8	2-Chlorophenol	530	UD	61.1	530	ug/L
95-48-7	2-Methylphenol	530	UD	120	530	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	530	UD	130	530	ug/L
98-86-2	Acetophenone	530	UD	77.9	530	ug/L
65794-96-9	3+4-Methylphenols	1100	UD	120	1100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	260	UD	150	260	ug/L
67-72-1	Hexachloroethane	530	UD	68.4	530	ug/L
98-95-3	Nitrobenzene	530	UD	80.0	530	ug/L
78-59-1	Isophorone	530	UD	78.9	530	ug/L
88-75-5	2-Nitrophenol	530	UD	190	530	ug/L
105-67-9	2,4-Dimethylphenol	530	UD	190	530	ug/L
111-91-1	bis(2-Chloroethoxy)methane	530	UD	71.6	530	ug/L
120-83-2	2,4-Dichlorophenol	530	UD	54.7	530	ug/L
91-20-3	Naphthalene	5300	D	52.6	530	ug/L
106-47-8	4-Chloroaniline	530	UD	88.4	530	ug/L
87-68-3	Hexachlorobutadiene	530	UD	56.8	530	ug/L
105-60-2	Caprolactam	1100	UD	120	1100	ug/L
59-50-7	4-Chloro-3-methylphenol	530	UD	62.1	530	ug/L
91-57-6	2-Methylnaphthalene	530	UD	58.9	530	ug/L
77-47-4	Hexachlorocyclopentadiene	1100	UD	380	1100	ug/L
88-06-2	2,4,6-Trichlorophenol	530	UD	53.7	530	ug/L
95-95-4	2,4,5-Trichlorophenol	530	UD	65.3	530	ug/L
92-52-4	1,1-Biphenyl	530	UD	55.8	530	ug/L
91-58-7	2-Chloronaphthalene	530	UD	64.2	530	ug/L
88-74-4	2-Nitroaniline	530	UD	130	530	ug/L
131-11-3	Dimethylphthalate	530	UD	64.2	530	ug/L

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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-081825DL2	SDG No.:	Q2900
Lab Sample ID:	Q2900-05DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143529.D	100	08/19/25 09:29	08/21/25 14:42	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	530	UD	78.9	530	ug/L
606-20-2	2,6-Dinitrotoluene	530	UD	96.8	530	ug/L
99-09-2	3-Nitroaniline	530	UD	110	530	ug/L
83-32-9	Acenaphthene	530	UD	57.9	530	ug/L
51-28-5	2,4-Dinitrophenol	1100	UD	630	1100	ug/L
100-02-7	4-Nitrophenol	1100	UD	250	1100	ug/L
132-64-9	Dibenzofuran	530	UD	64.2	530	ug/L
121-14-2	2,4-Dinitrotoluene	530	UD	130	530	ug/L
84-66-2	Diethylphthalate	530	UD	72.6	530	ug/L
7005-72-3	4-Chlorophenyl-phenylether	530	UD	71.6	530	ug/L
86-73-7	Fluorene	530	UD	66.3	530	ug/L
100-01-6	4-Nitroaniline	530	UD	160	530	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1100	UD	300	1100	ug/L
86-30-6	n-Nitrosodiphenylamine	530	UD	61.1	530	ug/L
101-55-3	4-Bromophenyl-phenylether	530	UD	42.1	530	ug/L
118-74-1	Hexachlorobenzene	530	UD	54.7	530	ug/L
1912-24-9	Atrazine	530	UD	110	530	ug/L
87-86-5	Pentachlorophenol	1100	UD	170	1100	ug/L
85-01-8	Phenanthrene	530	UD	52.6	530	ug/L
120-12-7	Anthracene	530	UD	64.2	530	ug/L
86-74-8	Carbazole	530	UD	75.8	530	ug/L
84-74-2	Di-n-butylphthalate	530	UD	130	530	ug/L
206-44-0	Fluoranthene	530	UD	86.3	530	ug/L
129-00-0	Pyrene	530	UD	52.6	530	ug/L
85-68-7	Butylbenzylphthalate	530	UDQ	200	530	ug/L
91-94-1	3,3-Dichlorobenzidine	1100	UDQ	97.9	1100	ug/L
56-55-3	Benzo(a)anthracene	530	UD	47.4	530	ug/L
218-01-9	Chrysene	530	UD	46.3	530	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	530	UD	170	530	ug/L
117-84-0	Di-n-octyl phthalate	1100	UD	250	1100	ug/L
205-99-2	Benzo(b)fluoranthene	530	UD	51.6	530	ug/L

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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-081825DL2	SDG No.:	Q2900
Lab Sample ID:	Q2900-05DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143529.D	100	08/19/25 09:29	08/21/25 14:42	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	530	UD	50.5	530	ug/L
50-32-8	Benzo(a)pyrene	530	UD	57.9	530	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	530	UD	62.1	530	ug/L
53-70-3	Dibenzo(a,h)anthracene	530	UD	70.5	530	ug/L
191-24-2	Benzo(g,h,i)perylene	530	UD	72.6	530	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	530	UD	54.7	530	ug/L
123-91-1	1,4-Dioxane	530	UD	110	530	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	530	UD	75.8	530	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	54.0		23 - 138	36%	SPK: 150
13127-88-3	Phenol-d6	27.1		10 - 134	18%	SPK: 150
4165-60-0	Nitrobenzene-d5	90.5		67 - 132	90%	SPK: 100
321-60-8	2-Fluorobiphenyl	134	*	52 - 132	134%	SPK: 100
118-79-6	2,4,6-Tribromophenol	57.5	*	44 - 137	38%	SPK: 150
1718-51-0	Terphenyl-d14	88.8		42 - 152	89%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	101000	6.928			
1146-65-2	Naphthalene-d8	391000	8.204			
15067-26-2	Acenaphthene-d10	202000	9.963			
1517-22-2	Phenanthrene-d10	279000	11.451			
1719-03-5	Chrysene-d12	184000	14.092			
1520-96-3	Perylene-d12	231000	15.592			

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

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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:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143494.D	1	08/19/25 09:29	08/20/25 19:39	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	11.0	U	4.30	11.0	ug/L
108-95-2	Phenol	5.50	U	1.00	5.50	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.50	U	0.89	5.50	ug/L
95-57-8	2-Chlorophenol	5.50	U	0.64	5.50	ug/L
95-48-7	2-Methylphenol	5.50	U	1.20	5.50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.50	U	1.40	5.50	ug/L
98-86-2	Acetophenone	5.50	U	0.81	5.50	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	1.20	11.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.70	U	1.50	2.70	ug/L
67-72-1	Hexachloroethane	5.50	U	0.71	5.50	ug/L
98-95-3	Nitrobenzene	5.50	U	0.84	5.50	ug/L
78-59-1	Isophorone	5.50	U	0.82	5.50	ug/L
88-75-5	2-Nitrophenol	5.50	U	1.90	5.50	ug/L
105-67-9	2,4-Dimethylphenol	5.50	U	2.00	5.50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.50	U	0.75	5.50	ug/L
120-83-2	2,4-Dichlorophenol	5.50	U	0.57	5.50	ug/L
91-20-3	Naphthalene	5.50	U	0.55	5.50	ug/L
106-47-8	4-Chloroaniline	5.50	U	0.92	5.50	ug/L
87-68-3	Hexachlorobutadiene	5.50	U	0.59	5.50	ug/L
105-60-2	Caprolactam	11.0	U	1.20	11.0	ug/L
59-50-7	4-Chloro-3-methylphenol	5.50	U	0.65	5.50	ug/L
91-57-6	2-Methylnaphthalene	5.50	U	0.62	5.50	ug/L
77-47-4	Hexachlorocyclopentadiene	11.0	U	4.00	11.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.50	U	0.56	5.50	ug/L
95-95-4	2,4,5-Trichlorophenol	5.50	U	0.68	5.50	ug/L
92-52-4	1,1-Biphenyl	5.50	U	0.58	5.50	ug/L
91-58-7	2-Chloronaphthalene	5.50	U	0.67	5.50	ug/L
88-74-4	2-Nitroaniline	5.50	U	1.40	5.50	ug/L
131-11-3	Dimethylphthalate	5.50	U	0.67	5.50	ug/L

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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:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143494.D	1	08/19/25 09:29	08/20/25 19:39	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.50	U	0.82	5.50	ug/L
606-20-2	2,6-Dinitrotoluene	5.50	U	1.00	5.50	ug/L
99-09-2	3-Nitroaniline	5.50	U	1.20	5.50	ug/L
83-32-9	Acenaphthene	5.50	U	0.60	5.50	ug/L
51-28-5	2,4-Dinitrophenol	11.0	U	6.60	11.0	ug/L
100-02-7	4-Nitrophenol	11.0	U	2.60	11.0	ug/L
132-64-9	Dibenzofuran	5.50	U	0.67	5.50	ug/L
121-14-2	2,4-Dinitrotoluene	5.50	U	1.30	5.50	ug/L
84-66-2	Diethylphthalate	5.50	U	0.76	5.50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.50	U	0.75	5.50	ug/L
86-73-7	Fluorene	5.50	U	0.69	5.50	ug/L
100-01-6	4-Nitroaniline	5.50	U	1.60	5.50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	11.0	U	3.20	11.0	ug/L
86-30-6	n-Nitrosodiphenylamine	5.50	U	0.64	5.50	ug/L
101-55-3	4-Bromophenyl-phenylether	5.50	U	0.44	5.50	ug/L
118-74-1	Hexachlorobenzene	5.50	U	0.57	5.50	ug/L
1912-24-9	Atrazine	5.50	U	1.10	5.50	ug/L
87-86-5	Pentachlorophenol	11.0	U	1.70	11.0	ug/L
85-01-8	Phenanthrene	5.50	U	0.55	5.50	ug/L
120-12-7	Anthracene	5.50	U	0.67	5.50	ug/L
86-74-8	Carbazole	5.50	U	0.79	5.50	ug/L
84-74-2	Di-n-butylphthalate	5.50	U	1.30	5.50	ug/L
206-44-0	Fluoranthene	5.50	U	0.90	5.50	ug/L
129-00-0	Pyrene	5.50	U	0.55	5.50	ug/L
85-68-7	Butylbenzylphthalate	5.50	UQ	2.10	5.50	ug/L
91-94-1	3,3-Dichlorobenzidine	11.0	UQ	1.00	11.0	ug/L
56-55-3	Benzo(a)anthracene	5.50	U	0.49	5.50	ug/L
218-01-9	Chrysene	5.50	U	0.48	5.50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.50	U	1.80	5.50	ug/L
117-84-0	Di-n-octyl phthalate	11.0	U	2.60	11.0	ug/L
205-99-2	Benzo(b)fluoranthene	5.50	U	0.54	5.50	ug/L

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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:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143494.D	1	08/19/25 09:29	08/20/25 19:39	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.50	U	0.53	5.50	ug/L
50-32-8	Benzo(a)pyrene	5.50	U	0.60	5.50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.50	U	0.65	5.50	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.50	U	0.74	5.50	ug/L
191-24-2	Benzo(g,h,i)perylene	5.50	U	0.76	5.50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.50	U	0.57	5.50	ug/L
123-91-1	1,4-Dioxane	5.50	U	1.10	5.50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.50	U	0.79	5.50	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	69.8		23 - 138	47%	SPK: 150
13127-88-3	Phenol-d6	51.4		10 - 134	34%	SPK: 150
4165-60-0	Nitrobenzene-d5	91.1		67 - 132	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.7		52 - 132	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	137		44 - 137	91%	SPK: 150
1718-51-0	Terphenyl-d14	80.3		42 - 152	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	137000	6.928			
1146-65-2	Naphthalene-d8	522000	8.204			
15067-26-2	Acenaphthene-d10	285000	9.963			
1517-22-2	Phenanthrene-d10	459000	11.451			
1719-03-5	Chrysene-d12	263000	14.098			
1520-96-3	Perylene-d12	271000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J		2.27	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.90	AB		5.16	ug/L

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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:	8270E	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143494.D	1	08/19/25 09:29	08/20/25 19:39	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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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:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143495.D	1	08/19/25 09:29	08/20/25 20:08	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.4	U	4.10	10.4	ug/L
108-95-2	Phenol	5.20	U	0.95	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.20	U	0.84	5.20	ug/L
95-57-8	2-Chlorophenol	5.20	U	0.60	5.20	ug/L
95-48-7	2-Methylphenol	5.20	U	1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.20	U	1.30	5.20	ug/L
98-86-2	Acetophenone	5.20	U	0.77	5.20	ug/L
65794-96-9	3+4-Methylphenols	10.4	U	1.10	10.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.60	U	1.50	2.60	ug/L
67-72-1	Hexachloroethane	5.20	U	0.68	5.20	ug/L
98-95-3	Nitrobenzene	5.20	U	0.79	5.20	ug/L
78-59-1	Isophorone	5.20	U	0.78	5.20	ug/L
88-75-5	2-Nitrophenol	5.20	U	1.80	5.20	ug/L
105-67-9	2,4-Dimethylphenol	5.20	U	1.90	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.20	U	0.71	5.20	ug/L
120-83-2	2,4-Dichlorophenol	5.20	U	0.54	5.20	ug/L
91-20-3	Naphthalene	8.50		0.52	5.20	ug/L
106-47-8	4-Chloroaniline	5.20	U	0.88	5.20	ug/L
87-68-3	Hexachlorobutadiene	5.20	U	0.56	5.20	ug/L
105-60-2	Caprolactam	10.4	U	1.20	10.4	ug/L
59-50-7	4-Chloro-3-methylphenol	5.20	U	0.61	5.20	ug/L
91-57-6	2-Methylnaphthalene	5.20	U	0.58	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	10.4	U	3.80	10.4	ug/L
88-06-2	2,4,6-Trichlorophenol	5.20	U	0.53	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	5.20	U	0.65	5.20	ug/L
92-52-4	1,1-Biphenyl	5.20	U	0.55	5.20	ug/L
91-58-7	2-Chloronaphthalene	5.20	U	0.64	5.20	ug/L
88-74-4	2-Nitroaniline	5.20	U	1.30	5.20	ug/L
131-11-3	Dimethylphthalate	5.20	U	0.64	5.20	ug/L

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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:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143495.D	1	08/19/25 09:29	08/20/25 20:08	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.20	U	0.78	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	5.20	U	0.96	5.20	ug/L
99-09-2	3-Nitroaniline	5.20	U	1.10	5.20	ug/L
83-32-9	Acenaphthene	5.20	U	0.57	5.20	ug/L
51-28-5	2,4-Dinitrophenol	10.4	U	6.20	10.4	ug/L
100-02-7	4-Nitrophenol	10.4	U	2.50	10.4	ug/L
132-64-9	Dibenzofuran	5.20	U	0.64	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	5.20	U	1.30	5.20	ug/L
84-66-2	Diethylphthalate	5.20	U	0.72	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.20	U	0.71	5.20	ug/L
86-73-7	Fluorene	5.20	U	0.66	5.20	ug/L
100-01-6	4-Nitroaniline	5.20	U	1.60	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.4	U	3.00	10.4	ug/L
86-30-6	n-Nitrosodiphenylamine	5.20	U	0.60	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	5.20	U	0.42	5.20	ug/L
118-74-1	Hexachlorobenzene	5.20	U	0.54	5.20	ug/L
1912-24-9	Atrazine	5.20	U	1.10	5.20	ug/L
87-86-5	Pentachlorophenol	10.4	U	1.60	10.4	ug/L
85-01-8	Phenanthrene	5.20	U	0.52	5.20	ug/L
120-12-7	Anthracene	5.20	U	0.64	5.20	ug/L
86-74-8	Carbazole	5.20	U	0.75	5.20	ug/L
84-74-2	Di-n-butylphthalate	5.20	U	1.30	5.20	ug/L
206-44-0	Fluoranthene	5.20	U	0.85	5.20	ug/L
129-00-0	Pyrene	5.20	U	0.52	5.20	ug/L
85-68-7	Butylbenzylphthalate	5.20	UQ	2.00	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	10.4	UQ	0.97	10.4	ug/L
56-55-3	Benzo(a)anthracene	5.20	U	0.47	5.20	ug/L
218-01-9	Chrysene	5.20	U	0.46	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.20	U	1.70	5.20	ug/L
117-84-0	Di-n-octyl phthalate	10.4	U	2.40	10.4	ug/L
205-99-2	Benzo(b)fluoranthene	5.20	U	0.51	5.20	ug/L

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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:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143495.D	1	08/19/25 09:29	08/20/25 20:08	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.20	U	0.50	5.20	ug/L
50-32-8	Benzo(a)pyrene	5.20	U	0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.20	U	0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.20	U	0.70	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	5.20	U	0.72	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.20	U	0.54	5.20	ug/L
123-91-1	1,4-Dioxane	5.20	U	1.00	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.20	U	0.75	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	60.0		23 - 138	40%	SPK: 150
13127-88-3	Phenol-d6	40.4		10 - 134	27%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.6		67 - 132	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.6		52 - 132	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	122		44 - 137	82%	SPK: 150
1718-51-0	Terphenyl-d14	80.7		42 - 152	81%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	135000	6.928			
1146-65-2	Naphthalene-d8	510000	8.204			
15067-26-2	Acenaphthene-d10	268000	9.963			
1517-22-2	Phenanthrene-d10	401000	11.451			
1719-03-5	Chrysene-d12	238000	14.098			
1520-96-3	Perylene-d12	292000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J		2.27	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.20	AB		5.16	ug/L
000098-82-8	Benzene, (1-methylethyl)-	6.20	J		6.10	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	3.60	J		6.62	ug/L
000496-11-7	Indane	210	J		7.12	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	7.50	J		7.95	ug/L
90-12-0	1-Methylnaphthalene	4.60	J		9.02	ug/L

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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:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143495.D	1	08/19/25 09:29	08/20/25 20:08	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
028556-81-2	2,6-Dimethylphenyl isocyanate	3.70	J		10.2	ug/L
000061-70-1	2-Indolinone, 1-methyl-	5.60	J		10.4	ug/L
000119-61-9	Benzophenone	5.30	J		10.7	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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: Q2900

Client: AECOM

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169313BL	PB169313BL	2-Fluorophenol	150	120	80		23	138
		Phenol-d6	150	121	81		10	134
		Nitrobenzene-d5	100	85.9	86		67	132
		2-Fluorobiphenyl	100	83.4	83		52	132
		2,4,6-Tribromophenol	150	121	81		44	137
		Terphenyl-d14	100	94.0	94		42	152
PB169313BS	PB169313BS	2-Fluorophenol	150	126	84		23	138
		Phenol-d6	150	127	84		10	134
		Nitrobenzene-d5	100	92.7	93		67	132
		2-Fluorobiphenyl	100	86.6	87		52	132
		2,4,6-Tribromophenol	150	140	93		44	137
		Terphenyl-d14	100	94.8	95		42	152
PB169313BSD	PB169313BSD	2-Fluorophenol	150	118	79		23	138
		Phenol-d6	150	120	80		10	134
		Nitrobenzene-d5	100	87.2	87		67	132
		2-Fluorobiphenyl	100	81.4	81		52	132
		2,4,6-Tribromophenol	150	127	84		44	137
		Terphenyl-d14	100	91.2	91		42	152
Q2900-01	MN-9C-081825	2-Fluorophenol	150	65.0	43		23	138
		Phenol-d6	150	43.0	29		10	134
		Nitrobenzene-d5	100	93.7	94		67	132
		2-Fluorobiphenyl	100	87.7	88		52	132
		2,4,6-Tribromophenol	150	140	93		44	137
		Terphenyl-d14	100	86.7	87		42	152
Q2900-02	MN-12C-081825	2-Fluorophenol	150	33.1	22	*	23	138
		Phenol-d6	150	42.2	28		10	134
		Nitrobenzene-d5	100	246	246	*	67	132
		2-Fluorobiphenyl	100	82.2	82		52	132
		2,4,6-Tribromophenol	150	133	89		44	137
		Terphenyl-d14	100	87.4	87		42	152
Q2900-02DL	MN-12C-081825DL	2-Fluorophenol	150	51.2	34		23	138
		Phenol-d6	150	37.2	25		10	134
		Nitrobenzene-d5	100	84.4	84		67	132
		2-Fluorobiphenyl	100	97.9	98		52	132
		2,4,6-Tribromophenol	150	98.2	65		44	137
		Terphenyl-d14	100	80.9	81		42	152
Q2900-02DL2	MN-12C-081825DL2	2-Fluorophenol	150	46.4	31		23	138
		Phenol-d6	150	42.2	28		10	134
		Nitrobenzene-d5	100	91.9	92		67	132
		2-Fluorobiphenyl	100	133	133	*	52	132
		2,4,6-Tribromophenol	150	74.4	50		44	137
		Terphenyl-d14	100	96.7	97		42	152
Q2900-03	DUP-01-081825	2-Fluorophenol	150	29.6	20	*	23	138
		Phenol-d6	150	39.9	27		10	134
		Nitrobenzene-d5	100	258	258	*	67	132
		2-Fluorobiphenyl	100	79.8	80		52	132
		2,4,6-Tribromophenol	150	132	88		44	137
		Terphenyl-d14	100	82.7	83		42	152
Q2900-03DL	DUP-01-081825DL	2-Fluorophenol	150	40.7	27		23	138
		Phenol-d6	150	28.2	19		10	134
		Nitrobenzene-d5	100	68.1	68		67	132

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Surrogate Summary

SW-846

SDG No.: Q2900

Client: AECOM

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2900-03DL	DUP-01-081825DL	2-Fluorobiphenyl	100	76.8	77		52	132
		2,4,6-Tribromophenol	150	76.5	51		44	137
		Terphenyl-d14	100	66.7	67		42	152
Q2900-03DL2	DUP-01-081825DL2	2-Fluorophenol	150	37.8	25		23	138
		Phenol-d6	150	31.3	21		10	134
		Nitrobenzene-d5	100	82.9	83		67	132
		2-Fluorobiphenyl	100	115	115		52	132
		2,4,6-Tribromophenol	150	60.6	40	*	44	137
		Terphenyl-d14	100	89.0	89		42	152
Q2900-04	MW-17B-081825	2-Fluorophenol	150	63.2	42		23	138
		Phenol-d6	150	39.9	27		10	134
		Nitrobenzene-d5	100	93.5	94		67	132
		2-Fluorobiphenyl	100	84.0	84		52	132
		2,4,6-Tribromophenol	150	128	86		44	137
		Terphenyl-d14	100	91.9	92		42	152
Q2900-05	MW-11C-081825	2-Fluorophenol	150	48.1	32		23	138
		Phenol-d6	150	37.8	25		10	134
		Nitrobenzene-d5	100	200	200	*	67	132
		2-Fluorobiphenyl	100	84.4	84		52	132
		2,4,6-Tribromophenol	150	135	90		44	137
		Terphenyl-d14	100	83.5	83		42	152
Q2900-05DL	MW-11C-081825DL	2-Fluorophenol	150	39.7	26		23	138
		Phenol-d6	150	27.6	18		10	134
		Nitrobenzene-d5	100	73.7	74		67	132
		2-Fluorobiphenyl	100	88.6	89		52	132
		2,4,6-Tribromophenol	150	77.6	52		44	137
		Terphenyl-d14	100	67.2	67		42	152
Q2900-05DL2	MW-11C-081825DL2	2-Fluorophenol	150	54.0	36		23	138
		Phenol-d6	150	27.1	18		10	134
		Nitrobenzene-d5	100	90.5	90		67	132
		2-Fluorobiphenyl	100	134	134	*	52	132
		2,4,6-Tribromophenol	150	57.5	38	*	44	137
		Terphenyl-d14	100	88.8	89		42	152
Q2900-06	MW-17C-081825	2-Fluorophenol	150	69.8	47		23	138
		Phenol-d6	150	51.4	34		10	134
		Nitrobenzene-d5	100	91.1	91		67	132
		2-Fluorobiphenyl	100	80.7	81		52	132
		2,4,6-Tribromophenol	150	137	91		44	137
		Terphenyl-d14	100	80.3	80		42	152
Q2900-07	MW-11B-081825	2-Fluorophenol	150	60.0	40		23	138
		Phenol-d6	150	40.4	27		10	134
		Nitrobenzene-d5	100	85.6	86		67	132
		2-Fluorobiphenyl	100	80.6	81		52	132
		2,4,6-Tribromophenol	150	122	82		44	137
		Terphenyl-d14	100	80.7	81		42	152

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2900 **Analytical Method:** 8270E

Client: AECOM **DataFile:** BF143488.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169313BS	Benzaldehyde	50	25.5	ug/L	51				10	162	
	Phenol	50	42.6	ug/L	85				66	118	
	bis(2-Chloroethyl)ether	50	44.6	ug/L	89				62	103	
	2-Chlorophenol	50	45.3	ug/L	91				70	117	
	2-Methylphenol	50	45.7	ug/L	91				69	109	
	2,2-oxybis(1-Chloropropane)	50	44.5	ug/L	89				65	100	
	Acetophenone	50	45.9	ug/L	92				60	104	
	3+4-Methylphenols	50	45.1	ug/L	90				67	106	
	N-Nitroso-di-n-propylamine	50	46.7	ug/L	93				57	107	
	Hexachloroethane	50	45.1	ug/L	90				76	118	
	Nitrobenzene	50	45.0	ug/L	90				58	106	
	Isophorone	50	46.3	ug/L	93				61	102	
	2-Nitrophenol	50	47.1	ug/L	94				70	115	
	2,4-Dimethylphenol	50	48.5	ug/L	97				42	142	
	bis(2-Chloroethoxy)methane	50	45.7	ug/L	91				58	109	
	2,4-Dichlorophenol	50	44.3	ug/L	89				66	115	
	Naphthalene	50	43.9	ug/L	88				64	107	
	4-Chloroaniline	50	29.3	ug/L	59				10	85	
	Hexachlorobutadiene	50	44.8	ug/L	90				69	101	
	Caprolactam	50	51.4	ug/L	103				58	128	
	4-Chloro-3-methylphenol	50	45.4	ug/L	91				65	114	
	2-Methylnaphthalene	50	40.4	ug/L	81				64	107	
	Hexachlorocyclopentadiene	100	120	ug/L	120				36	160	
	2,4,6-Trichlorophenol	50	45.3	ug/L	91				61	110	
	2,4,5-Trichlorophenol	50	44.2	ug/L	88				70	106	
	1,1-Biphenyl	50	44.7	ug/L	89				72	98	
	2-Chloronaphthalene	50	43.8	ug/L	88				59	106	
	2-Nitroaniline	50	46.2	ug/L	92				73	114	
	Dimethylphthalate	50	46.7	ug/L	93				64	103	
	Acenaphthylene	50	49.5	ug/L	99				79	103	
	2,6-Dinitrotoluene	50	50.4	ug/L	101				64	110	
	3-Nitroaniline	50	34.3	ug/L	69				28	100	
	Acenaphthene	50	47.9	ug/L	96				59	113	
	2,4-Dinitrophenol	100	90.6	ug/L	91				36	166	
	4-Nitrophenol	100	99.2	ug/L	99				45	147	
	Dibenzofuran	50	44.9	ug/L	90				65	106	
	2,4-Dinitrotoluene	50	50.9	ug/L	102				60	115	
	Diethylphthalate	50	47.7	ug/L	95				63	105	
	4-Chlorophenyl-phenylether	50	45.2	ug/L	90				61	104	
	Fluorene	50	45.4	ug/L	91				64	107	
	4-Nitroaniline	50	48.5	ug/L	97				55	125	
	4,6-Dinitro-2-methylphenol	50	52.6	ug/L	105				62	132	
	N-Nitrosodiphenylamine	50	47.9	ug/L	96				61	109	
	4-Bromophenyl-phenylether	50	46.0	ug/L	92				73	103	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2900 **Analytical Method:** 8270E

Client: AECOM **DataFile:** BF143488.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169313BS	Hexachlorobenzene	50	45.7	ug/L	91				73	106	
	Atrazine	50	49.7	ug/L	99				76	120	
	Pentachlorophenol	100	98.0	ug/L	98				47	114	
	Phenanthrene	50	45.1	ug/L	90				62	109	
	Anthracene	50	45.8	ug/L	92				65	110	
	Carbazole	50	46.1	ug/L	92				62	106	
	Di-n-butylphthalate	50	49.8	ug/L	100				64	106	
	Fluoranthene	50	45.7	ug/L	91				64	110	
	Pyrene	50	47.0	ug/L	94				71	103	
	Butylbenzylphthalate	50	50.7	ug/L	101				61	105	
	3,3-Dichlorobenzidine	50	33.0	ug/L	66				43	108	
	Benzo(a)anthracene	50	46.5	ug/L	93				62	107	
	Chrysene	50	48.8	ug/L	98				61	108	
	bis(2-Ethylhexyl)phthalate	50	51.0	ug/L	102				59	110	
	Di-n-octyl phthalate	50	51.1	ug/L	102				52	139	
	Benzo(b)fluoranthene	50	46.9	ug/L	94				77	113	
	Benzo(k)fluoranthene	50	47.6	ug/L	95				77	105	
	Benzo(a)pyrene	50	49.7	ug/L	99				72	131	
	Indeno(1,2,3-cd)pyrene	50	46.9	ug/L	94				72	105	
	Dibenz(a,h)anthracene	50	47.3	ug/L	95				78	115	
	Benzo(g,h,i)perylene	50	48.2	ug/L	96				75	118	
	1,2,4,5-Tetrachlorobenzene	50	43.3	ug/L	87				72	101	
	1,4-Dioxane	50	38.9	ug/L	78				38	125	
	2,3,4,6-Tetrachlorophenol	50	51.8	ug/L	104				63	116	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2900 **Analytical Method:** 8270E

Client: AECOM **DataFile:** BF143489.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169313BSD	Benzaldehyde	50	26.7	ug/L	53	5			10	162	20
	Phenol	50	43.9	ug/L	88	3			66	118	20
	bis(2-Chloroethyl)ether	50	46.1	ug/L	92	3			62	103	20
	2-Chlorophenol	50	46.9	ug/L	94	3			70	117	20
	2-Methylphenol	50	47.2	ug/L	94	3			69	109	20
	2,2-oxybis(1-Chloropropane)	50	46.8	ug/L	94	5			65	100	20
	Acetophenone	50	47.0	ug/L	94	2			60	104	20
	3+4-Methylphenols	50	46.3	ug/L	93	3			67	106	20
	N-Nitroso-di-n-propylamine	50	47.8	ug/L	96	2			57	107	20
	Hexachloroethane	50	46.8	ug/L	94	4			76	118	20
	Nitrobenzene	50	46.8	ug/L	94	4			58	106	20
	Isophorone	50	48.7	ug/L	97	5			61	102	20
	2-Nitrophenol	50	48.9	ug/L	98	4			70	115	20
	2,4-Dimethylphenol	50	49.4	ug/L	99	2			42	142	20
	bis(2-Chloroethoxy)methane	50	46.6	ug/L	93	2			58	109	20
	2,4-Dichlorophenol	50	45.3	ug/L	91	2			66	115	20
	Naphthalene	50	44.8	ug/L	90	2			64	107	20
	4-Chloroaniline	50	12.9	ug/L	26	78		*	10	85	20
	Hexachlorobutadiene	50	46.5	ug/L	93	4			69	101	20
	Caprolactam	50	52.1	ug/L	104	1			58	128	20
	4-Chloro-3-methylphenol	50	46.1	ug/L	92	2			65	114	20
	2-Methylnaphthalene	50	41.2	ug/L	82	2			64	107	20
	Hexachlorocyclopentadiene	100	120	ug/L	120	0			36	160	20
	2,4,6-Trichlorophenol	50	45.7	ug/L	91	1			61	110	20
	2,4,5-Trichlorophenol	50	44.0	ug/L	88	0			70	106	20
	1,1-Biphenyl	50	44.9	ug/L	90	0			72	98	20
	2-Chloronaphthalene	50	44.4	ug/L	89	1			59	106	20
	2-Nitroaniline	50	47.5	ug/L	95	3			73	114	20
	Dimethylphthalate	50	47.0	ug/L	94	1			64	103	20
	Acenaphthylene	50	50.0	ug/L	100	1			79	103	20
	2,6-Dinitrotoluene	50	51.2	ug/L	102	2			64	110	20
	3-Nitroaniline	50	24.3	ug/L	49	34		*	28	100	20
	Acenaphthene	50	49.3	ug/L	99	3			59	113	20
	2,4-Dinitrophenol	100	93.0	ug/L	93	3			36	166	20
	4-Nitrophenol	100	100	ug/L	100	1			45	147	20
	Dibenzofuran	50	44.9	ug/L	90	0			65	106	20
	2,4-Dinitrotoluene	50	52.3	ug/L	105	3			60	115	20
	Diethylphthalate	50	48.4	ug/L	97	1			63	105	20
	4-Chlorophenyl-phenylether	50	45.5	ug/L	91	1			61	104	20
	Fluorene	50	45.8	ug/L	92	1			64	107	20
	4-Nitroaniline	50	48.3	ug/L	97	0			55	125	20
	4,6-Dinitro-2-methylphenol	50	53.3	ug/L	107	1			62	132	20
	N-Nitrosodiphenylamine	50	48.3	ug/L	97	1			61	109	20
	4-Bromophenyl-phenylether	50	46.8	ug/L	94	2			73	103	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2900 **Analytical Method:** 8270E

Client: AECOM **DataFile:** BF143489.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169313BSD	Hexachlorobenzene	50	47.1	ug/L	94	3			73	106	20
	Atrazine	50	52.6	ug/L	105	6			76	120	20
	Pentachlorophenol	100	100	ug/L	100	2			47	114	20
	Phenanthrene	50	46.8	ug/L	94	4			62	109	20
	Anthracene	50	47.1	ug/L	94	3			65	110	20
	Carbazole	50	47.8	ug/L	96	4			62	106	20
	Di-n-butylphthalate	50	51.4	ug/L	103	3			64	106	20
	Fluoranthene	50	46.9	ug/L	94	3			64	110	20
	Pyrene	50	48.7	ug/L	97	4			71	103	20
	Butylbenzylphthalate	50	53.8	ug/L	108	6	*		61	105	20
	3,3-Dichlorobenzidine	50	20.5	ug/L	41	47	*	*	43	108	20
	Benzo(a)anthracene	50	46.9	ug/L	94	1			62	107	20
	Chrysene	50	49.3	ug/L	99	1			61	108	20
	bis(2-Ethylhexyl)phthalate	50	50.7	ug/L	101	1			59	110	20
	Di-n-octyl phthalate	50	51.3	ug/L	103	0			52	139	20
	Benzo(b)fluoranthene	50	47.0	ug/L	94	0			77	113	20
	Benzo(k)fluoranthene	50	49.1	ug/L	98	3			77	105	20
	Benzo(a)pyrene	50	50.8	ug/L	102	2			72	131	20
	Indeno(1,2,3-cd)pyrene	50	47.4	ug/L	95	1			72	105	20
	Dibenz(a,h)anthracene	50	48.4	ug/L	97	2			78	115	20
	Benzo(g,h,i)perylene	50	49.0	ug/L	98	2			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	43.6	ug/L	87	1			72	101	20
	1,4-Dioxane	50	39.4	ug/L	79	1			38	125	20
	2,3,4,6-Tetrachlorophenol	50	52.0	ug/L	104	0			63	116	20

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169313BL

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q2900

Lab File ID: BF143499.D | Lab Sample ID: PB169313BL

Instrument ID: BNA_F | Date Extracted: 08/19/2025

Matrix: (soil/water) Water | Date Analyzed: 08/20/2025

Level: (low/med) LOW | Time Analyzed: 22:34

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169313BS	PB169313BS	BF143488.D	08/20/2025
PB169313BSD	PB169313BSD	BF143489.D	08/20/2025
MN-9C-081825	Q2900-01	BF143503.D	08/21/2025
MN-12C-081825	Q2900-02	BF143511.D	08/21/2025
DUP-01-081825	Q2900-03	BF143512.D	08/21/2025
MW-17C-081825	Q2900-06	BF143494.D	08/20/2025
MW-11B-081825	Q2900-07	BF143495.D	08/20/2025
MW-17B-081825	Q2900-04	BF143496.D	08/20/2025
MW-11C-081825	Q2900-05	BF143513.D	08/21/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2900

Lab File ID: BF143476.D DFTPP Injection Date: 08/20/2025

Instrument ID: BNA_F DFTPP Injection Time: 10:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	79.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF143477.D	08/20/2025	10:55
SSTDICC005	SSTDICC005	BF143478.D	08/20/2025	11:25
SSTDICC010	SSTDICC010	BF143479.D	08/20/2025	11:54
SSTDICC020	SSTDICC020	BF143480.D	08/20/2025	12:23
SSTDICCC040	SSTDICCC040	BF143481.D	08/20/2025	12:53
SSTDICC050	SSTDICC050	BF143482.D	08/20/2025	13:22
SSTDICC060	SSTDICC060	BF143483.D	08/20/2025	13:51
SSTDICC080	SSTDICC080	BF143484.D	08/20/2025	14:20
PB169313BS	PB169313BS	BF143488.D	08/20/2025	16:44
PB169313BSD	PB169313BSD	BF143489.D	08/20/2025	17:13
MW-17C-081825	Q2900-06	BF143494.D	08/20/2025	19:39
MW-11B-081825	Q2900-07	BF143495.D	08/20/2025	20:08
MW-17B-081825	Q2900-04	BF143496.D	08/20/2025	20:37

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2900

Lab File ID: BF143497.D DFTPP Injection Date: 08/20/2025

Instrument ID: BNA_F DFTPP Injection Time: 21:36

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (2) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	83.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19 (19) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143498.D	08/20/2025	22:05
PB169313BL	PB169313BL	BF143499.D	08/20/2025	22:34
MN-9C-081825	Q2900-01	BF143503.D	08/21/2025	00:29
MN-12C-081825	Q2900-02	BF143511.D	08/21/2025	04:21
DUP-01-081825	Q2900-03	BF143512.D	08/21/2025	04:49
MW-11C-081825	Q2900-05	BF143513.D	08/21/2025	05:18

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q2900

Lab File ID: BF143517.D | DFTPP Injection Date: 08/21/2025

Instrument ID: BNA_F | DFTPP Injection Time: 08:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	77.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.7 (19.7) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143518.D	08/21/2025	09:21
MN-12C-081825DL	Q2900-02DL	BF143522.D	08/21/2025	11:18
DUP-01-081825DL	Q2900-03DL	BF143523.D	08/21/2025	11:47
MW-11C-081825DL	Q2900-05DL	BF143524.D	08/21/2025	12:17
MN-12C-081825DL2	Q2900-02DL2	BF143527.D	08/21/2025	13:44
DUP-01-081825DL2	Q2900-03DL2	BF143528.D	08/21/2025	14:13
MW-11C-081825DL2	Q2900-05DL2	BF143529.D	08/21/2025	14:42

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2900

Client ID : SSTDICCC040 Date Analyzed: 08/20/2025

Lab File ID: BF143481.D Time Analyzed: 12:53

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	137770	6.928	521928	8.21	282852	9.97
	UPPER LIMIT	275540	7.428	1043860	8.71	565704	10.469
	LOWER LIMIT	68885	6.428	260964	7.71	141426	9.469
	EPA SAMPLE NO.						
01	MW-17B-081825	131839	6.93	507504	8.20	273837	9.96
02	MW-17C-081825	136964	6.93	522451	8.20	285056	9.96
03	MW-11B-081825	135207	6.93	510064	8.20	268416	9.96
04	PB169313BS	135406	6.93	517174	8.21	285363	9.97
05	PB169313BSD	134095	6.93	510372	8.21	281230	9.97

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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 UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2900

Client ID: SSTDICCC040 Date Analyzed: 08/20/2025

Lab File ID: BF143481.D Time Analyzed: 12:53

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	436106	11.457	249960	14.098	288139	15.598
	UPPER LIMIT	872212	11.957	499920	14.598	576278	16.098
	LOWER LIMIT	218053	10.957	124980	13.598	144070	15.098
	EPA SAMPLE NO.						
01	MW-17B-081825	429631	11.45	242165	14.09	249186	15.59
02	MW-17C-081825	458576	11.45	262919	14.10	271441	15.59
03	MW-11B-081825	401142	11.45	238389	14.10	292027	15.59
04	PB169313BS	434773	11.46	242024	14.10	290471	15.60
05	PB169313BSD	429898	11.46	234937	14.10	275165	15.60

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

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 UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2900

Client ID : SSTDCCC040 Date Analyzed: 08/20/2025

Lab File ID: BF143498.D Time Analyzed: 22:05

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #		RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	138596	6.928	522619		8.21	286971	9.97
	UPPER LIMIT	277192	7.428	1045240		8.71	573942	10.469
	LOWER LIMIT	69298	6.428	261310		7.71	143486	9.469
	EPA SAMPLE NO.							
01	PB169313BL	129120	6.93	502778		8.20	274867	9.96
02	MN-9C-081825	128002	6.93	499284		8.20	269714	9.96
03	MN-12C-081825	121876	6.93	165304	*	8.23	245299	9.96
04	DUP-01-081825	127848	6.94	161605	*	8.23	252028	9.96
05	MW-11C-081825	125223	6.93	212422	*	8.23	251603	9.96

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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 UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2900

Client ID: SSTDCCC040 Date Analyzed: 08/20/2025

Lab File ID: BF143498.D Time Analyzed: 22:05

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	448105	11.451	253253	14.098	290056	15.592
	UPPER LIMIT	896210	11.951	506506	14.598	580112	16.092
	LOWER LIMIT	224053	10.951	126627	13.598	145028	15.092
	EPA SAMPLE NO.						
01	PB169313BL	442472	11.45	240607	14.10	242779	15.59
02	MN-9C-081825	422264	11.45	236275	14.09	262288	15.59
03	MN-12C-081825	368458	11.45	219458	14.09	260219	15.59
04	DUP-01-081825	378389	11.45	228850	14.09	280609	15.59
05	MW-11C-081825	379796	11.45	223331	14.09	273794	15.59

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

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 UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2900

Client ID : SSTDCCC040 Date Analyzed: 08/21/2025

Lab File ID: BF143518.D Time Analyzed: 09:21

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	118001	6.928	448774	8.21	244595	9.96
	UPPER LIMIT	236002	7.428	897548	8.71	489190	10.463
	LOWER LIMIT	59000.5	6.428	224387	7.71	122298	9.463
	EPA SAMPLE NO.						
01	MN-12C-081825DL	109819	6.93	413990	8.21	236192	9.96
02	MN-12C-081825DL2	101103	6.93	381650	8.21	199099	9.96
03	DUP-01-081825DL	120053	6.93	450034	8.21	257551	9.96
04	DUP-01-081825DL2	106391	6.93	406559	8.21	215536	9.96
05	MW-11C-081825DL	113395	6.92	431449	8.21	238091	9.96
06	MW-11C-081825DL2	101432	6.93	390858	8.20	202413	9.96

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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 UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2900

Client ID: SSTDCCC040 Date Analyzed: 08/21/2025

Lab File ID: BF143518.D Time Analyzed: 09:21

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	369706	11.451	222503	14.098	262934	15.592
	UPPER LIMIT	739412	11.951	445006	14.598	525868	16.092
	LOWER LIMIT	184853	10.951	111252	13.598	131467	15.092
	EPA SAMPLE NO.						
01	MN-12C-081825DL	347629	11.45	223408	14.09	252278	15.59
02	MN-12C-081825DL2	282280	11.45	191729	14.10	235106	15.60
03	DUP-01-081825DL	381973	11.45	254066	14.09	290998	15.59
04	DUP-01-081825DL2	311169	11.45	210624	14.09	252482	15.59
05	MW-11C-081825DL	357150	11.45	225989	14.09	263314	15.59
06	MW-11C-081825DL2	279024	11.45	183510	14.09	231339	15.59

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

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 UPPER 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

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169313BL	SDG No.:	Q2900
Lab Sample ID:	PB169313BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143499.D	1	08/19/25 09:29	08/20/25 22:34	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.0	U	3.90	10.0	ug/L
108-95-2	Phenol	5.00	U	0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.00	U	0.81	5.00	ug/L
95-57-8	2-Chlorophenol	5.00	U	0.58	5.00	ug/L
95-48-7	2-Methylphenol	5.00	U	1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.00	U	1.30	5.00	ug/L
98-86-2	Acetophenone	5.00	U	0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	10.0	U	1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	5.00	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	5.00	U	0.76	5.00	ug/L
78-59-1	Isophorone	5.00	U	0.75	5.00	ug/L
88-75-5	2-Nitrophenol	5.00	U	1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	5.00	U	1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.00	U	0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	5.00	U	0.52	5.00	ug/L
91-20-3	Naphthalene	5.00	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	5.00	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	5.00	U	0.54	5.00	ug/L
105-60-2	Caprolactam	10.0	U	1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	5.00	U	0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	5.00	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	10.0	U	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.00	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	5.00	U	0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	5.00	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	5.00	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	5.00	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	5.00	U	0.61	5.00	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169313BL	SDG No.:	Q2900
Lab Sample ID:	PB169313BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143499.D	1	08/19/25 09:29	08/20/25 22:34	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.00	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	5.00	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	5.00	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	5.00	U	0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	10.0	U	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	10.0	U	2.40	10.0	ug/L
132-64-9	Dibenzofuran	5.00	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	5.00	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	5.00	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.00	U	0.68	5.00	ug/L
86-73-7	Fluorene	5.00	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	5.00	U	1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.0	U	2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	5.00	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	5.00	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	5.00	U	0.52	5.00	ug/L
1912-24-9	Atrazine	5.00	U	1.00	5.00	ug/L
87-86-5	Pentachlorophenol	10.0	U	1.60	10.0	ug/L
85-01-8	Phenanthrene	5.00	U	0.50	5.00	ug/L
120-12-7	Anthracene	5.00	U	0.61	5.00	ug/L
86-74-8	Carbazole	5.00	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	5.00	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	5.00	U	0.82	5.00	ug/L
129-00-0	Pyrene	5.00	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	5.00	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	10.0	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	5.00	U	0.45	5.00	ug/L
218-01-9	Chrysene	5.00	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.00	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	10.0	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	5.00	U	0.49	5.00	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169313BL	SDG No.:	Q2900
Lab Sample ID:	PB169313BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143499.D	1	08/19/25 09:29	08/20/25 22:34	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.00	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	5.00	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.00	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.00	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	5.00	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.00	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	5.00	U	1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.00	U	0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	120		23 - 138	80%	SPK: 150
13127-88-3	Phenol-d6	121		10 - 134	81%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.9		67 - 132	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.4		52 - 132	83%	SPK: 100
118-79-6	2,4,6-Tribromophenol	121		44 - 137	81%	SPK: 150
1718-51-0	Terphenyl-d14	94.0		42 - 152	94%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	129000	6.928			
1146-65-2	Naphthalene-d8	503000	8.204			
15067-26-2	Acenaphthene-d10	275000	9.963			
1517-22-2	Phenanthrene-d10	442000	11.451			
1719-03-5	Chrysene-d12	241000	14.098			
1520-96-3	Perylene-d12	243000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	9.30	A		5.17	ug/L
006311-48-4	(1,1-Biphenyl)-4,4-diamine, N,N	6.80	J		17.4	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169313BL	SDG No.:	Q2900
Lab Sample ID:	PB169313BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143499.D	1	08/19/25 09:29	08/20/25 22:34	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169313BS	SDG No.:	Q2900
Lab Sample ID:	PB169313BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143488.D	1	08/19/25 09:29	08/20/25 16:44	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	25.5		3.90	10.0	ug/L
108-95-2	Phenol	42.6		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.6		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	45.3		0.58	5.00	ug/L
95-48-7	2-Methylphenol	45.7		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	44.5		1.30	5.00	ug/L
98-86-2	Acetophenone	45.9		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	45.1		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	46.7		1.40	2.50	ug/L
67-72-1	Hexachloroethane	45.1		0.65	5.00	ug/L
98-95-3	Nitrobenzene	45.0		0.76	5.00	ug/L
78-59-1	Isophorone	46.3		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	47.1		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	48.5		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	45.7		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	44.3		0.52	5.00	ug/L
91-20-3	Naphthalene	43.9		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	29.3		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	44.8		0.54	5.00	ug/L
105-60-2	Caprolactam	51.4		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	45.4		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	40.4		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	120	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	45.3		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	44.2		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	44.7		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	43.8		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	46.2		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	46.7		0.61	5.00	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169313BS	SDG No.:	Q2900
Lab Sample ID:	PB169313BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143488.D	1	08/19/25 09:29	08/20/25 16:44	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	49.5		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	50.4		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	34.3		1.10	5.00	ug/L
83-32-9	Acenaphthene	47.9		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	90.6	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	99.2	E	2.40	10.0	ug/L
132-64-9	Dibenzofuran	44.9		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	50.9		1.20	5.00	ug/L
84-66-2	Diethylphthalate	47.7		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	45.2		0.68	5.00	ug/L
86-73-7	Fluorene	45.4		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	48.5		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	52.6		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	47.9		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	46.0		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	45.7		0.52	5.00	ug/L
1912-24-9	Atrazine	49.7		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	98.0	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	45.1		0.50	5.00	ug/L
120-12-7	Anthracene	45.8		0.61	5.00	ug/L
86-74-8	Carbazole	46.1		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	49.8		1.20	5.00	ug/L
206-44-0	Fluoranthene	45.7		0.82	5.00	ug/L
129-00-0	Pyrene	47.0		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	50.7		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	33.0		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	46.5		0.45	5.00	ug/L
218-01-9	Chrysene	48.8		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	51.0		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	51.1		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	46.9		0.49	5.00	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169313BS	SDG No.:	Q2900
Lab Sample ID:	PB169313BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143488.D	1	08/19/25 09:29	08/20/25 16:44	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	47.6		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	49.7		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	46.9		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	47.3		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	48.2		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43.3		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	38.9		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	51.8		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	126		23 - 138	84%	SPK: 150
13127-88-3	Phenol-d6	127		10 - 134	84%	SPK: 150
4165-60-0	Nitrobenzene-d5	92.7		67 - 132	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	86.6		52 - 132	87%	SPK: 100
118-79-6	2,4,6-Tribromophenol	140		44 - 137	93%	SPK: 150
1718-51-0	Terphenyl-d14	94.8		42 - 152	95%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	135000	6.928			
1146-65-2	Naphthalene-d8	517000	8.21			
15067-26-2	Acenaphthene-d10	285000	9.969			
1517-22-2	Phenanthrene-d10	435000	11.457			
1719-03-5	Chrysene-d12	242000	14.098			
1520-96-3	Perylene-d12	290000	15.598			

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

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Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169313BSD	SDG No.:	Q2900
Lab Sample ID:	PB169313BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143489.D	1	08/19/25 09:29	08/20/25 17:13	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	26.7		3.90	10.0	ug/L
108-95-2	Phenol	43.9		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	46.1		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	46.9		0.58	5.00	ug/L
95-48-7	2-Methylphenol	47.2		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	46.8		1.30	5.00	ug/L
98-86-2	Acetophenone	47.0		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	46.3		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	47.8		1.40	2.50	ug/L
67-72-1	Hexachloroethane	46.8		0.65	5.00	ug/L
98-95-3	Nitrobenzene	46.8		0.76	5.00	ug/L
78-59-1	Isophorone	48.7		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	48.9		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	49.4		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	46.6		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	45.3		0.52	5.00	ug/L
91-20-3	Naphthalene	44.8		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	12.9		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	46.5		0.54	5.00	ug/L
105-60-2	Caprolactam	52.1		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	46.1		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	41.2		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	120	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	45.7		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	44.0		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	44.9		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	44.4		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	47.5		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	47.0		0.61	5.00	ug/L

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Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169313BSD	SDG No.:	Q2900
Lab Sample ID:	PB169313BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143489.D	1	08/19/25 09:29	08/20/25 17:13	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	50.0		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	51.2		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	24.3		1.10	5.00	ug/L
83-32-9	Acenaphthene	49.3		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	93.0	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	100	E	2.40	10.0	ug/L
132-64-9	Dibenzofuran	44.9		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	52.3		1.20	5.00	ug/L
84-66-2	Diethylphthalate	48.4		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	45.5		0.68	5.00	ug/L
86-73-7	Fluorene	45.8		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	48.3		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	53.3		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	48.3		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	46.8		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	47.1		0.52	5.00	ug/L
1912-24-9	Atrazine	52.6		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	100	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	46.8		0.50	5.00	ug/L
120-12-7	Anthracene	47.1		0.61	5.00	ug/L
86-74-8	Carbazole	47.8		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	51.4		1.20	5.00	ug/L
206-44-0	Fluoranthene	46.9		0.82	5.00	ug/L
129-00-0	Pyrene	48.7		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	53.8		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	20.5		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	46.9		0.45	5.00	ug/L
218-01-9	Chrysene	49.3		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	50.7		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	51.3		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	47.0		0.49	5.00	ug/L

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169313BSD	SDG No.:	Q2900
Lab Sample ID:	PB169313BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143489.D	1	08/19/25 09:29	08/20/25 17:13	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	49.1		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	50.8		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47.4		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	48.4		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	49.0		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43.6		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	39.4		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	52.0		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	118		23 - 138	79%	SPK: 150
13127-88-3	Phenol-d6	120		10 - 134	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	87.2		67 - 132	87%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.4		52 - 132	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	127		44 - 137	84%	SPK: 150
1718-51-0	Terphenyl-d14	91.2		42 - 152	91%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	134000	6.928			
1146-65-2	Naphthalene-d8	510000	8.21			
15067-26-2	Acenaphthene-d10	281000	9.969			
1517-22-2	Phenanthrene-d10	430000	11.457			
1719-03-5	Chrysene-d12	235000	14.098			
1520-96-3	Perylene-d12	275000	15.598			

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

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 21 06:12:21 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143477.D 5 =BF143478.D 10 =BF143479.D 20 =BF143480.D 40 =BF143481.D 50 =BF143482.D 60 =BF143483.D 80 =BF1434
84.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.528	0.529	0.539	0.536	0.519	0.542	0.522	0.531	1.62
3)		Pyridine		1.339	1.392	1.435	1.438	1.389	1.477	1.421	1.413	3.13
4)		n-Nitrosodimet...			0.604	0.619	0.641	0.633	0.666	0.648	0.635	3.44
5)	S	2-Fluorophenol		1.203	1.198	1.194	1.138	1.087	1.137	1.061	1.145	4.92
6)		Aniline		2.034	1.969	1.959	1.890	1.800	1.864	1.714	1.890	5.78
7)	S	Phenol-d6		1.536	1.460	1.471	1.407	1.342	1.384	1.299	1.414	5.76
8)		2-Chlorophenol		1.301	1.284	1.302	1.268	1.229	1.270	1.202	1.265	2.94
9)		Benzaldehyde			1.008	0.981	1.200	1.133	1.402		1.145	14.80
10)	C	Phenol		1.741	1.695	1.725	1.646	1.554	1.593	1.449	1.629	6.43
11)		bis(2-Chloroet...		1.296	1.230	1.235	1.213	1.170	1.221	1.156	1.217	3.78
12)		1,3-Dichlorobe...		1.558	1.451	1.466	1.414	1.345	1.399	1.317	1.421	5.65
13)	C	1,4-Dichlorobe...		1.531	1.487	1.483	1.411	1.355	1.409	1.304	1.426	5.62
14)		1,2-Dichlorobe...		1.448	1.413	1.386	1.348	1.289	1.333	1.233	1.350	5.45
15)		Benzyl Alcohol			1.037	1.063	1.083	1.040	1.088	1.041	1.059	2.14
16)		2,2'-oxybis(1-...		2.144	2.104	2.053	1.954	1.805	1.868	1.703	1.947	8.40
17)		2-Methylphenol		1.052	1.042	1.056	1.011	0.975	1.011	0.960	1.015	3.67
18)		Hexachloroethane		0.495	0.498	0.502	0.491	0.462	0.489	0.456	0.485	3.79
19)	P	n-Nitroso-di-n...	0.922	0.943	0.912	0.879	0.844	0.800	0.832	0.781	0.864	6.86
20)		3+4-Methylphenols			1.337	1.320	1.218	1.143	1.178	1.076	1.212	8.40
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.489	0.464	0.459	0.418	0.402	0.410	0.382	0.432	8.99
23)	S	Nitrobenzene-d5		0.354	0.345	0.357	0.344	0.335	0.340	0.325	0.343	3.18
24)		Nitrobenzene		0.353	0.351	0.366	0.356	0.348	0.358	0.337	0.353	2.55
25)		Isophorone		0.666	0.630	0.644	0.621	0.608	0.625	0.603	0.628	3.41
26)	C	2-Nitrophenol		0.162	0.165	0.177	0.177	0.175	0.180	0.173	0.173	3.76
27)		2,4-Dimethylph...		0.283	0.272	0.281	0.270	0.262	0.265	0.251	0.269	4.11
28)		bis(2-Chloroet...		0.409	0.399	0.401	0.386	0.371	0.379	0.357	0.386	4.74
29)	C	2,4-Dichloroph...		0.293	0.299	0.303	0.288	0.281	0.283	0.266	0.288	4.30
30)		1,2,4-Trichlor...		0.318	0.300	0.314	0.292	0.282	0.291	0.274	0.296	5.46
31)		Naphthalene		1.069	1.009	1.014	0.943	0.907	0.921	0.859	0.960	7.58
32)		Benzoic acid			0.086	0.116	0.145	0.153	0.163	0.160	0.137	21.97
33)		4-Chloroaniline		0.359	0.345	0.362	0.343	0.331	0.330	0.315	0.341	4.87
34)	C	Hexachlorobuta...		0.207	0.199	0.201	0.192	0.186	0.190	0.177	0.193	5.21
35)		Caprolactam			0.063	0.068	0.071	0.071	0.070	0.072	0.069	4.96
36)	C	4-Chloro-3-met...		0.303	0.292	0.303	0.287	0.280	0.284	0.269	0.288	4.25
37)		2-Methylnaphth...		0.716	0.684	0.684	0.633	0.600	0.610	0.562	0.641	8.62
38)		1-Methylnaphth...		0.692	0.651	0.650	0.603	0.577	0.581	0.540	0.613	8.62

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF082025.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.629	0.584	0.613	0.565	0.544	0.552	0.517	0.572	6.88
41)	P	Hexachlorocycl...		0.098	0.153	0.198	0.205	0.226	0.222	0.184	26.99
42)	S	2,4,6-Tribromo...	0.191	0.188	0.194	0.188	0.181	0.184	0.177	0.186	3.12
43)	C	2,4,6-Trichlor...	0.338	0.347	0.364	0.364	0.351	0.360	0.339	0.352	3.18
44)		2,4,5-Trichlor...	0.391	0.376	0.413	0.382	0.377	0.387	0.365	0.385	3.94
45)	S	2-Fluorobiphenyl	1.445	1.336	1.323	1.156	1.106	1.106	0.999	1.210	13.20
46)		1,1'-Biphenyl	1.582	1.505	1.519	1.399	1.335	1.349	1.247	1.420	8.43
47)		2-Chloronaphth...	1.222	1.165	1.172	1.105	1.056	1.068	1.008	1.114	6.77
48)		2-Nitroaniline	0.314	0.313	0.338	0.337	0.329	0.331	0.320	0.326	3.19
49)		Acenaphthylene	1.747	1.663	1.687	1.580	1.516	1.533	1.437	1.595	6.85
50)		Dimethylphthalate	1.293	1.219	1.252	1.201	1.159	1.175	1.133	1.205	4.58
51)		2,6-Dinitrotol...	0.224	0.237	0.259	0.259	0.260	0.257	0.251	0.250	5.63
52)	C	Acenaphthene	1.170	1.131	1.137	1.076	1.037	1.044	0.985	1.083	6.07
53)		3-Nitroaniline	0.260	0.257	0.280	0.278	0.273	0.271	0.269	0.270	3.21
54)	P	2,4-Dinitrophenol		0.072	0.099	0.120	0.132	0.137	0.129	0.115	21.92
55)		Dibenzofuran	1.717	1.625	1.647	1.523	1.461	1.453	1.381	1.544	7.91
56)	P	4-Nitrophenol		0.115	0.147	0.171	0.177	0.172	0.181	0.161	15.78
57)		2,4-Dinitrotol...	0.292	0.318	0.349	0.351	0.344	0.344	0.336	0.333	6.38
58)		Fluorene	1.367	1.286	1.270	1.158	1.111	1.102	1.025	1.188	10.25
59)		2,3,4,6-Tetrac...	0.261	0.264	0.299	0.297	0.294	0.297	0.288	0.286	5.59
60)		Diethylphthalate	1.172	1.097	1.110	1.084	1.053	1.036	1.008	1.080	5.01
61)		4-Chlorophenyl...	0.671	0.624	0.628	0.585	0.558	0.567	0.527	0.594	8.30
62)		4-Nitroaniline	0.230	0.237	0.258	0.257	0.255	0.248	0.250	0.248	4.28
63)		Azobenzene	1.221	1.154	1.177	1.122	1.080	1.067	1.018	1.120	6.26
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.085	0.103	0.119	0.120	0.124	0.126	0.113	13.97
66)	c	n-Nitrosodiphe...	0.684	0.661	0.679	0.641	0.615	0.636	0.590	0.644	5.29
67)		4-Bromophenyl-...	0.243	0.240	0.250	0.241	0.230	0.240	0.227	0.239	3.35
68)		Hexachlorobenzene	0.266	0.262	0.267	0.257	0.248	0.256	0.243	0.257	3.53
69)		Atrazine	0.154	0.156	0.164	0.168	0.171	0.174	0.176	0.166	5.09
70)	C	Pentachlorophenol		0.088	0.106	0.124	0.127	0.131	0.131	0.118	14.47
71)		Phenanthrene	1.188	1.123	1.130	1.039	1.015	1.033	0.969	1.071	7.23
72)		Anthracene	1.191	1.144	1.148	1.074	1.022	1.036	0.980	1.085	7.16
73)		Carbazole	0.949	0.925	0.932	0.882	0.849	0.861	0.825	0.889	5.30
74)		Di-n-butylphth...	0.782	0.800	0.830	0.850	0.833	0.857	0.855	0.829	3.47
75)	C	Fluoranthene	1.061	1.020	1.002	0.946	0.914	0.923	0.862	0.961	7.21
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.611	0.665	0.516	0.391	0.368	0.372	0.487	26.70
78)		Pyrene	1.891	1.768	1.793	1.635	1.590	1.512	1.327	1.645	11.63
79)	S	Terphenyl-d14	1.341	1.255	1.248	1.130	1.094	1.052	0.904	1.146	12.86
80)		Butylbenzylpht...	0.380	0.402	0.443	0.467	0.461	0.509	0.485	0.449	10.15
81)		Benzo(a)anthra...	1.302	1.274	1.300	1.318	1.266	1.316	1.237	1.288	2.30
82)		3,3'-Dichlorob...		0.353	0.386	0.373	0.354	0.377	0.370	0.369	3.60
83)		Chrysene	1.251	1.195	1.213	1.113	1.089	1.125	1.114	1.157	5.33
84)		Bis(2-ethylhex...	0.600	0.626	0.699	0.710	0.690	0.767	0.700	0.685	8.12
85)	c	Di-n-octyl pht...		1.129	1.289	1.298	1.251	1.413	1.228	1.268	7.36

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF082025.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.425	1.433	1.565	1.449	1.427	1.466	1.295	1.437	5.51
88)		Benzo(b)fluora...	1.135	1.147	1.182	1.074	1.058	1.068	1.119	1.112	4.20
89)		Benzo(k)fluora...	1.157	1.014	1.056	1.081	1.034	1.104	1.005	1.064	5.10
90)	C	Benzo(a)pyrene	1.033	1.021	1.074	1.032	1.010	1.043	1.011	1.032	2.15
91)		Dibenzo(a,h)an...	1.139	1.164	1.260	1.162	1.142	1.168	1.023	1.151	6.04
92)		Benzo(g,h,i)pe...	1.128	1.129	1.242	1.156	1.145	1.172	1.039	1.145	5.30

(#) = Out of Range

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2900

Instrument ID: BNA_F Calibration Date/Time: 08/20/2025 22:05

Lab File ID: BF143498.D Init. Calib. Date(s): 08/20/2025 08/20/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:55 14:20

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.145	1.150		0.4	
Benzaldehyde	1.145	1.081		-5.6	
Phenol-d6	1.414	1.395		-1.3	
Phenol	1.629	1.649		1.2	20.0
bis(2-Chloroethyl)ether	1.217	1.211		-0.5	
2-Chlorophenol	1.265	1.270		0.4	
2-Methylphenol	1.015	1.021		0.6	
2,2-oxybis(1-Chloropropane)	1.947	1.949		0.1	
Acetophenone	0.432	0.424		-1.9	
3+4-Methylphenols	1.212	1.222		0.8	
n-Nitroso-di-n-propylamine	0.864	0.852	0.050	-1.4	
Nitrobenzene-d5	0.343	0.349		1.7	
Hexachloroethane	0.485	0.481		-0.8	
Nitrobenzene	0.353	0.362		2.5	
Isophorone	0.628	0.635		1.1	
2-Nitrophenol	0.173	0.181		4.6	20.0
2,4-Dimethylphenol	0.269	0.270		0.4	
bis(2-Chloroethoxy)methane	0.386	0.385		-0.3	
2,4-Dichlorophenol	0.288	0.290		0.7	20.0
Naphthalene	0.960	0.933		-2.8	
4-Chloroaniline	0.341	0.343		0.6	
Hexachlorobutadiene	0.193	0.192		-0.5	20.0
Caprolactam	0.069	0.078		13.0	
4-Chloro-3-methylphenol	0.288	0.293		1.7	20.0
2-Methylnaphthalene	0.641	0.630		-1.7	
Hexachlorocyclopentadiene	0.184	0.163	0.050	-11.4	
2,4,6-Trichlorophenol	0.352	0.356		1.1	20.0
2-Fluorobiphenyl	1.210	1.135		-6.2	
2,4,5-Trichlorophenol	0.385	0.377		-2.1	
1,1-Biphenyl	1.420	1.373		-3.3	
2-Chloronaphthalene	1.114	1.101		-1.2	
2-Nitroaniline	0.326	0.341		4.6	
Dimethylphthalate	1.205	1.228		1.9	
Acenaphthylene	1.595	1.574		-1.3	
2,6-Dinitrotoluene	0.250	0.262		4.8	
3-Nitroaniline	0.270	0.286		5.9	
Acenaphthene	1.083	1.061		-2.0	20.0
2,4-Dinitrophenol	0.115	0.099	0.050	-13.9	
4-Nitrophenol	0.161	0.174	0.050	8.1	

Form VII SV-1

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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2900

Instrument ID: BNA_F Calibration Date/Time: 08/20/2025 22:05

Lab File ID: BF143498.D Init. Calib. Date(s): 08/20/2025 08/20/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:55 14:20

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.544	1.518		-1.7	
2,4-Dinitrotoluene	0.333	0.354		6.3	
Diethylphthalate	1.080	1.104		2.2	
4-Chlorophenyl-phenylether	0.594	0.578		-2.7	
Fluorene	1.188	1.156		-2.7	
4-Nitroaniline	0.248	0.268		8.1	
4,6-Dinitro-2-methylphenol	0.113	0.110		-2.7	
n-Nitrosodiphenylamine	0.644	0.627		-2.6	20.0
2,4,6-Tribromophenol	0.186	0.184		-1.1	
4-Bromophenyl-phenylether	0.239	0.237		-0.8	
Hexachlorobenzene	0.257	0.247		-3.9	
Atrazine	0.166	0.185		11.4	
Pentachlorophenol	0.118	0.119		0.8	20.0
Phenanthrene	1.071	1.039		-3.0	
Anthracene	1.085	1.059		-2.4	
Carbazole	0.889	0.887		-0.2	
Di-n-butylphthalate	0.829	0.911		9.9	
Fluoranthene	0.961	0.962		0.1	20.0
Pyrene	1.645	1.665		1.2	
Terphenyl-d14	1.146	1.151		0.4	
Butylbenzylphthalate	0.449	0.480		6.9	
3,3-Dichlorobenzidine	0.369	0.369		0.0	
Benzo(a)anthracene	1.288	1.254		-2.6	
Chrysene	1.157	1.176		1.6	
Bis(2-ethylhexyl)phthalate	0.685	0.667		-2.6	
Di-n-octyl phthalate	1.268	1.215		-4.2	20.0
Benzo(b)fluoranthene	1.112	1.107		-0.4	
Benzo(k)fluoranthene	1.064	1.049		-1.4	
Benzo(a)pyrene	1.032	1.033		0.1	20.0
Indeno(1,2,3-cd)pyrene	1.437	1.484		3.3	
Dibenzo(a,h)anthracene	1.151	1.194		3.7	
Benzo(g,h,i)perylene	1.145	1.178		2.9	
1,2,4,5-Tetrachlorobenzene	0.572	0.553		-3.3	
1,4-Dioxane	0.531	0.507		-4.5	20.0
2,3,4,6-Tetrachlorophenol	0.286	0.296		3.5	

All other compounds must meet a minimum RRF of 0.010.

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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2900

Instrument ID: BNA_F Calibration Date/Time: 08/21/2025 09:21

Lab File ID: BF143518.D Init. Calib. Date(s): 08/20/2025 08/20/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:55 14:20

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.145	1.132		-1.1	
Benzaldehyde	1.145	1.256		9.7	
Phenol-d6	1.414	1.413		-0.1	
Phenol	1.629	1.644		0.9	20.0
bis(2-Chloroethyl)ether	1.217	1.227		0.8	
2-Chlorophenol	1.265	1.272		0.6	
2-Methylphenol	1.015	1.028		1.3	
2,2-oxybis(1-Chloropropane)	1.947	1.939		-0.4	
Acetophenone	0.432	0.427		-1.2	
3+4-Methylphenols	1.212	1.227		1.2	
n-Nitroso-di-n-propylamine	0.864	0.860	0.050	-0.5	
Nitrobenzene-d5	0.343	0.348		1.5	
Hexachloroethane	0.485	0.490		1.0	
Nitrobenzene	0.353	0.362		2.5	
Isophorone	0.628	0.630		0.3	
2-Nitrophenol	0.173	0.180		4.0	20.0
2,4-Dimethylphenol	0.269	0.270		0.4	
bis(2-Chloroethoxy)methane	0.386	0.384		-0.5	
2,4-Dichlorophenol	0.288	0.290		0.7	20.0
Naphthalene	0.960	0.950		-1.0	
4-Chloroaniline	0.341	0.339		-0.6	
Hexachlorobutadiene	0.193	0.194		0.5	20.0
Caprolactam	0.069	0.078		13.0	
4-Chloro-3-methylphenol	0.288	0.289		0.3	20.0
2-Methylnaphthalene	0.641	0.627		-2.2	
Hexachlorocyclopentadiene	0.184	0.169	0.050	-8.2	
2,4,6-Trichlorophenol	0.352	0.355		0.9	20.0
2-Fluorobiphenyl	1.210	1.177		-2.7	
2,4,5-Trichlorophenol	0.385	0.380		-1.3	
1,1-Biphenyl	1.420	1.391		-2.0	
2-Chloronaphthalene	1.114	1.096		-1.6	
2-Nitroaniline	0.326	0.335		2.8	
Dimethylphthalate	1.205	1.250		3.7	
Acenaphthylene	1.595	1.578		-1.1	
2,6-Dinitrotoluene	0.250	0.265		6.0	
3-Nitroaniline	0.270	0.278		3.0	
Acenaphthene	1.083	1.067		-1.5	20.0
2,4-Dinitrophenol	0.115	0.109	0.050	-5.2	
4-Nitrophenol	0.161	0.155	0.050	-3.7	

Form VII SV-1

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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2900

Instrument ID: BNA_F Calibration Date/Time: 08/21/2025 09:21

Lab File ID: BF143518.D Init. Calib. Date(s): 08/20/2025 08/20/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:55 14:20

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.544	1.525		-1.2	
2,4-Dinitrotoluene	0.333	0.357		7.2	
Diethylphthalate	1.080	1.140		5.6	
4-Chlorophenyl-phenylether	0.594	0.589		-0.8	
Fluorene	1.188	1.164		-2.0	
4-Nitroaniline	0.248	0.258		4.0	
4,6-Dinitro-2-methylphenol	0.113	0.107		-5.3	
n-Nitrosodiphenylamine	0.644	0.645		0.2	20.0
2,4,6-Tribromophenol	0.186	0.186		0.0	
4-Bromophenyl-phenylether	0.239	0.242		1.3	
Hexachlorobenzene	0.257	0.257		0.0	
Atrazine	0.166	0.195		17.5	
Pentachlorophenol	0.118	0.106		-10.2	20.0
Phenanthrene	1.071	1.052		-1.8	
Anthracene	1.085	1.065		-1.8	
Carbazole	0.889	0.875		-1.6	
Di-n-butylphthalate	0.829	0.956		15.3	
Fluoranthene	0.961	0.922		-4.1	20.0
Pyrene	1.645	1.514		-8.0	
Terphenyl-d14	1.146	1.094		-4.5	
Butylbenzylphthalate	0.449	0.485		8.0	
3,3-Dichlorobenzidine	0.369	0.377		2.2	
Benzo(a)anthracene	1.288	1.239		-3.8	
Chrysene	1.157	1.147		-0.9	
Bis(2-ethylhexyl)phthalate	0.685	0.692		1.0	
Di-n-octyl phthalate	1.268	1.238		-2.4	20.0
Benzo(b)fluoranthene	1.112	1.175		5.7	
Benzo(k)fluoranthene	1.064	0.980		-7.9	
Benzo(a)pyrene	1.032	1.024		-0.8	20.0
Indeno(1,2,3-cd)pyrene	1.437	1.375		-4.3	
Dibenzo(a,h)anthracene	1.151	1.117		-3.0	
Benzo(g,h,i)perylene	1.145	1.055		-7.9	
1,2,4,5-Tetrachlorobenzene	0.572	0.568		-0.7	
1,4-Dioxane	0.531	0.541		1.9	20.0
2,3,4,6-Tetrachlorophenol	0.286	0.289		1.0	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO. Q2900
QUOTE NO.
COC Number 2045005

7
7.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: (a) ~~Peter S. Cox, P.G.~~ AECOM
ADDRESS: (a) ~~2~~ 250 Apollo Drive
CITY Chelmsford STATE: MA ZIP: 01824
ATTENTION: Peter S. Cox, P.G
PHONE 1-978-764-4351 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Equity
PROJECT NO: 60676362 LOCATION: Brooklyn, NY
PROJECT MANAGER: Peter S. Cox
e-mail: pete.cox@aecom.com
PHONE: 1-978-764-4351 FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ Other _____
☐ EDD FORMAT _____

ANALYSIS

8270 E-SVOCS
8260D - VOCS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1 (E)	2 (A)	3	4	5	6	7	8	9	COMMENTS
1.	MW-9C-081825	W		X	8/18/25	0945	3	X	X								
2.	MW-12C-081825	W		X	8/18/25	1230	3	X	X								
3.	DUP-01-081825	W		X	8/18/25	1235	3	X	X								
4.	MW-17B-081825	W		X	8/18/25	1425	3	X	X								
5.	MW-11C-081825	W		X	8/18/25	1426	3	X	X								
6.	MW-17C-081825	W		X	8/18/25	1505	3	X	X								
7.	MW-11B-081825	W		X	8/18/25	1441	3	X	X								
8.	TB-081525	W		X	8/15/25	0800	2		X								
9.																	
10.																	

← Specify Preservatives
A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	8/18/25 1525	1. 1545 8-18-25
2.		2.
3.	8-18-25 1727	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.1 °C
Comments:

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2900 AECO02
Client Name : AECOM
Client Contact : Peter S
Invoice Name : AECOM
Invoice Contact : Peter S

Order Date : 8/18/2025 4:05:40 PM
Project Name : National Grid Equity - Broc
Receive DateTime : 8/18/2025 5:27:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 2
EDD Type : EXCEL NJCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2900-01	MN-9C-081825	Water	08/18/2025	09:45					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2900-02	MN-12C-081825	Water	08/18/2025	12:30					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2900-03	DUP-01-081825	Water	08/18/2025	12:35					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2900-04	MW-~~MA~~-17B-081825	Water	08/18/2025	14:25					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2900-05	MW-~~MA~~-11C-081825	Water	08/18/2025	14:26					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2900-06	MW ~~MA~~-17C-081825	Water	08/18/2025	15:05					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2900-07	MW ~~MA~~-11B-081825	Water	08/18/2025	14:41					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2900-08	TB-081825	Water	08/18/2025	08:00					

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2900 AECO02
Client Name : AECOM
Client Contact : Peter S
Invoice Name : AECOM
Invoice Contact : Peter S

Order Date : 8/18/2025 4:05:40 PM
Project Name : National Grid Equity - Broc
Receive DateTime : 8/18/2025 5:27:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 2
EDD Type : EXCEL NJCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					VOC-TCLVOA-10		8260D	10 Bus. Days	

Stored in VOA
Ref #05

Relinguished By :
Date / Time : 8/19/25 0816

Received By : [illegible] Dadoch
Date / Time : 8/19/25 9:30 AM

Storage Area : VOA Refridgerator Room