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 : Q2936

ATTENTION : Peter S

Laboratory Certification ID # 20012

Table Of Contents for Q2936

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Cover Page

Order ID : Q2936

Project ID : National Grid Equity - Brooklyn NY

Client : AECOM

Lab Sample Number	Client Sample Number
Q2936-01	MW-19A-082125
Q2936-02	MW-19B-082125
Q2936-03	MW-19C-082125
Q2936-04	FB-02-082125
Q2936-05	TB

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 : **APPROVED**
By Nimisha Pandya, QA/QC Supervisor at 1:43 pm, Sep 02, 2025

Date: 9/2/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

AECOM
Project Name: National Grid Equity - Brooklyn NY
Project # N/A
Order ID # Q2936
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
5 Water samples were received on 08/21/2025.
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_N were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.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 MW-19B-082125 [1,2-Dichloroethane-d4 - 147%] Due to high concentration of compounds, this sample required dilution. Therefore, sample was reanalyzed with dilution 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 for {VN0822WBS01} with File ID: VN087631.D met requirements for all compounds except for 1,2-Dichloropropane[81%] failing marginally low and associate sample required dilution therefore lab analyzed dilution under passing Blank Spike and reported.

The Blank analysis did not indicate the presence of lab contamination.
The %RSD is greater than 20% in the Initial Calibration method (82N082125W.M) for Methylene Chloride passing on Linear regression.

The Continuous Calibration File ID VN087628.D met the requirements except for Acetone failing marginally low therefore no corrective action taken.

The Tuning criteria met requirements.

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Samples MW-19B-082125, MW-19B-082125DL were diluted due to high concentrations.

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.

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___ **APPROVED**
By Nimisha Pandya, QA/QC Supervisor at 1:45 pm, Sep 02, 2025

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CASE NARRATIVE

AECOM
Project Name: National Grid Equity - Brooklyn NY
Project # N/A
Order ID # Q2936
Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:
5 Water samples were received on 08/21/2025.
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 samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. 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 MW-201-082025MS [Nitrobenzene-d5 - 148%], MW-201-082025MSD [Nitrobenzene-d5 - 149%] and MW-19B-082125DL2 [Nitrobenzene-d5 - 64%],as per method one surrogate is allowed to failed, therefore no corrective action was taken.

The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.

The MS {Q2924-03MS} with File ID: BP025602.D recoveries met the requirements for all compounds except for 2,2-oxybis(1-Chloropropane)[33%], 2,4-Dichlorophenol[157%], 2,4-Dimethylphenol[147%], 2-Methylnaphthalene[-233%], 2-Nitrophenol[168%], 4-Chloro-3-methylphenol[149%], Acetophenone[170%], Hexachlorobutadiene[139%], Hexachloroethane[181%], Isophorone[159%], Naphthalene[-777%] and Nitrobenzene[167%] due to matrix interference.

The MSD {Q2924-04MSD} with File ID: BP025603.D recoveries met the requirements for all compounds except for 2,2-oxybis(1-Chloropropane)[35%], 2,4-Dichlorophenol[162%], 2,4-Dimethylphenol[149%], 2-Methylnaphthalene[-133%],

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2-Nitrophenol[172%], 4-Chloro-3-methylphenol[151%], Acetophenone[172%], Hexachlorobutadiene[142%], Hexachloroethane[184%], Isophorone[162%], Naphthalene[-190%] and Nitrobenzene[169%] due to matrix interference.

The RPD for {Q2924-04MSD} with File ID: BP025603.D met criteria except for 2-Methylnaphthalene[55%], Naphthalene[121%] due to difference in results of MS and MSD.

The Blank Spike met requirements for all compounds.

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

The %RSD is greater than 20% for certain compounds in the Initial Calibration (Method 8270-BF082625.M) 2-Nitroaniline, 2,6-Dinitrotoluene, 3-Nitroaniline, 4-Nitrophenol, 2,4-Dinitrotoluene,4-Nitroaniline, Butylbenzylphthalate, Bis(2-ethylhexyl)phthalate Kept on Linear Regression and Compound # 2-Nitrophenol, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, Di-n-octyl phthalate Kept on Quadratic Regression.

The Continuous Calibration File ID BP025544.D met the requirements except for 2,4-Dinitrophenol and Benzaldehyde but no positive hit in associated sample therefore no corrective action taken.

The Continuous Calibration File ID BP025561.D met the requirements except for 2,4-Dinitrophenol and Benzaldehyde but no positive hit in associated sample therefore no corrective action taken.

The Continuous Calibration File ID BP025579.D met the requirements except for 2,4-Dinitrophenol and Benzaldehyde but no positive hit in associated sample therefore no corrective action taken.

The Continuous Calibration File ID BP025596.D met the requirements except for 2,4-Dinitrophenol and Benzaldehyde but no positive hit in associated sample therefore no corrective action taken.

The Tuning criteria met requirements.

Samples MW-19B-082125, MW-19B-082125DL 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

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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___ **APPROVED**
By Nimisha Pandya, QA/QC Supervisor at 1:50 pm, Sep 02, 2025

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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 #: Q2936

	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:** 09/02/2025

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LAB CHRONICLE

OrderID:	Q2936	**OrderDate:**	8/21/2025 3:57:00 PM
Client:	AECOM	**Project:**	National Grid Equity - Brooklyn NY
Contact:	Peter S	**Location:**	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2936-01	**MW-19A-082125**	**Water**			**08/21/25**			**08/21/25**
			VOC-TCLVOA-10	8260D			08/25/25	
Q2936-02	**MW-19B-082125**	**Water**			**08/21/25**			**08/21/25**
			VOC-TCLVOA-10	8260D			08/22/25	
Q2936-02DL	**MW-19B-082125DL**	**Water**			**08/21/25**			**08/21/25**
			VOC-TCLVOA-10	8260D			08/25/25	
Q2936-02DL2	**MW-19B-082125DL2**	**Water**			**08/21/25**			**08/21/25**
			VOC-TCLVOA-10	8260D			08/25/25	
Q2936-03	**MW-19C-082125**	**Water**			**08/21/25**			**08/21/25**
			VOC-TCLVOA-10	8260D			08/25/25	
Q2936-04	**FB-02-082125**	**Water**			**08/21/25**			**08/21/25**
			VOC-TCLVOA-10	8260D			08/25/25	
Q2936-05	**TB**	**Water**			**08/15/25**			**08/21/25**
			VOC-TCLVOA-10	8260D			08/25/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2936

Client: AECOM

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW-19B-082125**								
Q2936-02	MW-19B-082125	Water	Acetone		4.40	J	1.50	25.0	ug/L
Q2936-02	MW-19B-082125	Water	Methyl tert-butyl Ether		1.70	J	0.16	5.00	ug/L
Q2936-02	MW-19B-082125	Water	Benzene		2800	E	0.15	5.00	ug/L
Q2936-02	MW-19B-082125	Water	Toluene		38.0		0.14	5.00	ug/L
Q2936-02	MW-19B-082125	Water	Ethyl Benzene		1400	E	0.13	5.00	ug/L
Q2936-02	MW-19B-082125	Water	m/p-Xylenes		510	E	0.24	10.0	ug/L
Q2936-02	MW-19B-082125	Water	o-Xylene		360	E	0.12	5.00	ug/L
Q2936-02	MW-19B-082125	Water	Isopropylbenzene		74.0		0.12	5.00	ug/L
			Total Voc :		5190				
Q2936-02	MW-19B-082125	Water	Benzo[c]thiophene	*	93.8	J	0	0	ug/L
Q2936-02	MW-19B-082125	Water	Benzene, 1-ethenyl-4-methyl-	*	1300	J	0	0	ug/L
Q2936-02	MW-19B-082125	Water	1H-Indene, 1-methyl-	*	81.4	J	0	0	ug/L
Q2936-02	MW-19B-082125	Water	Benzene, (1-methyl-1-propenyl	*	30.5	J	0	0	ug/L
Q2936-02	MW-19B-082125	Water	1H-Indene, 2,3-dihydro-5-meth	*	36.0	J	0	0	ug/L
Q2936-02	MW-19B-082125	Water	2-Methylindene	*	35.3	J	0	0	ug/L
Q2936-02	MW-19B-082125	Water	n-propylbenzene	*	16.9	J	0.13	5.00	ug/L
Q2936-02	MW-19B-082125	Water	1,3,5-Trimethylbenzene	*	44.4	J	0.15	5.00	ug/L
Q2936-02	MW-19B-082125	Water	1,2,4-Trimethylbenzene	*	270	J	0.14	5.00	ug/L
Q2936-02	MW-19B-082125	Water	p-Isopropyltoluene	*	9.30	J	0.13	5.00	ug/L
			Total Tics :		1920				
			Total Concentration:		7110				
Client ID:	**MW-19B-082125DL**								
Q2936-02DL	MW-19B-082125DL	Water	Benzene		24300	ED	3.00	100	ug/L
Q2936-02DL	MW-19B-082125DL	Water	Toluene		76.9	JD	2.80	100	ug/L
Q2936-02DL	MW-19B-082125DL	Water	Ethyl Benzene		4100	ED	2.60	100	ug/L
Q2936-02DL	MW-19B-082125DL	Water	m/p-Xylenes		890	D	4.80	200	ug/L
Q2936-02DL	MW-19B-082125DL	Water	o-Xylene		620	D	2.40	100	ug/L
Q2936-02DL	MW-19B-082125DL	Water	Isopropylbenzene		100	D	2.40	100	ug/L
			Total Voc :		30100				
			Total Concentration:		30100				
Client ID:	**MW-19B-082125DL2**								
Q2936-02DL2	MW-19B-082125DL	Water	Benzene		20300	D	75.0	2500	ug/L
Q2936-02DL2	MW-19B-082125DL	Water	Ethyl Benzene		3000	D	65.0	2500	ug/L
Q2936-02DL2	MW-19B-082125DL	Water	m/p-Xylenes		730	JD	120	5000	ug/L
Q2936-02DL2	MW-19B-082125DL	Water	o-Xylene		440	JD	60.0	2500	ug/L
			Total Voc :		24500				
			Total Concentration:		24500				

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Hit Summary Sheet
SW-846

SDG No.: Q2936

Client: AECOM

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**MW-19C-082125**							
Q2936-03	MW-19C-082125	Water	cis-1,2-Dichloroethene	16.8		0.19	5.00	ug/L
Q2936-03	MW-19C-082125	Water	Trichloroethene	24.8		0.090	5.00	ug/L
Q2936-03	MW-19C-082125	Water	Tetrachloroethene	22.0		0.23	5.00	ug/L
			Total Voc :	63.6				
			Total Concentration:	63.6				
Client ID:	**FB-02-082125**							
Q2936-04	FB-02-082125	Water	Acetone	21.5	J	1.50	25.0	ug/L
			Total Voc :	21.5				
			Total Concentration:	21.5				

SAMPLE DATA

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Report of Analysis

Client:	AECOM	Date Collected:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19A-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087657.D	1	08/25/25 15:01	VN082525

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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19A-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087657.D	1	08/25/25 15:01	VN082525

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	58.3		74 - 125	117%	SPK: 50
1868-53-7	Dibromofluoromethane	50.6		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	48.9		86 - 113	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.1		77 - 121	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	214000	8.212			
540-36-3	1,4-Difluorobenzene	506000	9.082			
3114-55-4	Chlorobenzene-d5	481000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	228000	13.77			

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Report of Analysis

Client:	AECOM	Date Collected:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19A-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087657.D	1	08/25/25 15:01	VN082525

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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19B-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-02	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087643.D	1	08/22/25 15:47	VN082225

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	4.40	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	1.70	J	0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	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	2800	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	5.00	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	UQ	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	38.0		0.14	5.00	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19B-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-02	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087643.D	1	08/22/25 15:47	VN082225

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	1400	E	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	510	E	0.24	10.0	ug/L
95-47-6	o-Xylene	360	E	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	74.0		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	73.4	*	74 - 125	147%	SPK: 50
1868-53-7	Dibromofluoromethane	44.5		75 - 124	89%	SPK: 50
2037-26-5	Toluene-d8	46.2		86 - 113	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.3		77 - 121	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	165000	8.206			
540-36-3	1,4-Difluorobenzene	419000	9.083			
3114-55-4	Chlorobenzene-d5	365000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	189000	13.771			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	AECOM	Date Collected:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19B-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-02	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087643.D	1	08/22/25 15:47	VN082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
103-65-1	n-propylbenzene	16.9	J		13.0	ug/L
108-67-8	1,3,5-Trimethylbenzene	44.4	J		13.2	ug/L
95-63-6	1,2,4-Trimethylbenzene	270	J		13.5	ug/L
99-87-6	p-Isopropyltoluene	9.30	J		13.7	ug/L
000622-97-9	Benzene, 1-ethenyl-4-methyl-	1300	J		14.0	ug/L
000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	36.0	J		14.9	ug/L
000768-00-3	Benzene, (1-methyl-1-propenyl)-, (E)-	30.5	J		15.0	ug/L
002177-47-1	2-Methylindene	35.3	J		15.1	ug/L
000767-59-9	1H-Indene, 1-methyl-	81.4	J		15.2	ug/L
000270-82-6	Benzo[c]thiophene	93.8	J		15.7	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

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Report of Analysis

Client:	AECOM	Date Collected:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19B-082125DL	SDG No.:	Q2936
Lab Sample ID:	Q2936-02DL	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087652.D	20	08/25/25 13:16	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	100	UD	4.40	100	ug/L
74-87-3	Chloromethane	100	UD	6.40	100	ug/L
75-01-4	Vinyl Chloride	100	UD	5.20	100	ug/L
74-83-9	Bromomethane	100	UD	28.8	100	ug/L
75-00-3	Chloroethane	100	UD	9.40	100	ug/L
75-69-4	Trichlorofluoromethane	100	UD	6.60	100	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	100	UD	5.00	100	ug/L
75-35-4	1,1-Dichloroethene	100	UD	4.60	100	ug/L
67-64-1	Acetone	500	UD	30.2	500	ug/L
75-15-0	Carbon Disulfide	100	UD	4.20	100	ug/L
1634-04-4	Methyl tert-butyl Ether	100	UD	3.20	100	ug/L
79-20-9	Methyl Acetate	100	UD	5.40	100	ug/L
75-09-2	Methylene Chloride	100	UD	5.60	100	ug/L
156-60-5	trans-1,2-Dichloroethene	100	UD	4.60	100	ug/L
75-34-3	1,1-Dichloroethane	100	UD	4.60	100	ug/L
110-82-7	Cyclohexane	100	UD	29.0	100	ug/L
78-93-3	2-Butanone	500	UD	19.6	500	ug/L
56-23-5	Carbon Tetrachloride	100	UD	5.00	100	ug/L
156-59-2	cis-1,2-Dichloroethene	100	UD	3.80	100	ug/L
74-97-5	Bromochloromethane	100	UD	4.40	100	ug/L
67-66-3	Chloroform	100	UD	5.00	100	ug/L
71-55-6	1,1,1-Trichloroethane	100	UD	4.00	100	ug/L
108-87-2	Methylcyclohexane	100	UD	3.20	100	ug/L
71-43-2	Benzene	24300	ED	3.00	100	ug/L
107-06-2	1,2-Dichloroethane	100	UD	4.40	100	ug/L
79-01-6	Trichloroethene	100	UD	1.90	100	ug/L
78-87-5	1,2-Dichloropropane	100	UD	4.00	100	ug/L
75-27-4	Bromodichloromethane	100	UD	4.40	100	ug/L
108-10-1	4-Methyl-2-Pentanone	500	UD	13.6	500	ug/L
108-88-3	Toluene	76.9	JD	2.80	100	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19B-082125DL	SDG No.:	Q2936
Lab Sample ID:	Q2936-02DL	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087652.D	20	08/25/25 13:16	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	100	UD	3.40	100	ug/L
10061-01-5	cis-1,3-Dichloropropene	100	UD	3.20	100	ug/L
79-00-5	1,1,2-Trichloroethane	100	UD	4.20	100	ug/L
591-78-6	2-Hexanone	500	UD	17.8	500	ug/L
124-48-1	Dibromochloromethane	100	UD	3.60	100	ug/L
106-93-4	1,2-Dibromoethane	100	UD	3.00	100	ug/L
127-18-4	Tetrachloroethene	100	UD	4.60	100	ug/L
108-90-7	Chlorobenzene	100	UD	2.40	100	ug/L
100-41-4	Ethyl Benzene	4100	ED	2.60	100	ug/L
179601-23-1	m/p-Xylenes	890	D	4.80	200	ug/L
95-47-6	o-Xylene	620	D	2.40	100	ug/L
100-42-5	Styrene	100	UD	3.00	100	ug/L
75-25-2	Bromoform	100	UD	3.80	100	ug/L
98-82-8	Isopropylbenzene	100	D	2.40	100	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	100	UD	5.20	100	ug/L
541-73-1	1,3-Dichlorobenzene	100	UD	3.20	100	ug/L
106-46-7	1,4-Dichlorobenzene	100	UD	3.80	100	ug/L
95-50-1	1,2-Dichlorobenzene	100	UD	3.20	100	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	100	UD	10.6	100	ug/L
120-82-1	1,2,4-Trichlorobenzene	100	UD	4.00	100	ug/L
87-61-6	1,2,3-Trichlorobenzene	100	UD	4.00	100	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.8		74 - 125	112%	SPK: 50
1868-53-7	Dibromofluoromethane	48.4		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	47.7		86 - 113	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.9		77 - 121	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	177000	8.206			
540-36-3	1,4-Difluorobenzene	428000	9.082			
3114-55-4	Chlorobenzene-d5	385000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	190000	13.77			

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Report of Analysis

Client:	AECOM	Date Collected:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19B-082125DL	SDG No.:	Q2936
Lab Sample ID:	Q2936-02DL	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087652.D	20	08/25/25 13:16	VN082525

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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19B-082125DL2	SDG No.:	Q2936
Lab Sample ID:	Q2936-02DL2	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087661.D	500	08/25/25 16:25	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2500	UD	110	2500	ug/L
74-87-3	Chloromethane	2500	UD	160	2500	ug/L
75-01-4	Vinyl Chloride	2500	UD	130	2500	ug/L
74-83-9	Bromomethane	2500	UD	720	2500	ug/L
75-00-3	Chloroethane	2500	UD	240	2500	ug/L
75-69-4	Trichlorofluoromethane	2500	UD	170	2500	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	2500	UD	130	2500	ug/L
75-35-4	1,1-Dichloroethene	2500	UD	120	2500	ug/L
67-64-1	Acetone	12500	UD	760	12500	ug/L
75-15-0	Carbon Disulfide	2500	UD	110	2500	ug/L
1634-04-4	Methyl tert-butyl Ether	2500	UD	80.0	2500	ug/L
79-20-9	Methyl Acetate	2500	UD	140	2500	ug/L
75-09-2	Methylene Chloride	2500	UD	140	2500	ug/L
156-60-5	trans-1,2-Dichloroethene	2500	UD	120	2500	ug/L
75-34-3	1,1-Dichloroethane	2500	UD	120	2500	ug/L
110-82-7	Cyclohexane	2500	UD	730	2500	ug/L
78-93-3	2-Butanone	12500	UD	490	12500	ug/L
56-23-5	Carbon Tetrachloride	2500	UD	130	2500	ug/L
156-59-2	cis-1,2-Dichloroethene	2500	UD	95.0	2500	ug/L
74-97-5	Bromochloromethane	2500	UD	110	2500	ug/L
67-66-3	Chloroform	2500	UD	130	2500	ug/L
71-55-6	1,1,1-Trichloroethane	2500	UD	100	2500	ug/L
108-87-2	Methylcyclohexane	2500	UD	80.0	2500	ug/L
71-43-2	Benzene	20300	D	75.0	2500	ug/L
107-06-2	1,2-Dichloroethane	2500	UD	110	2500	ug/L
79-01-6	Trichloroethene	2500	UD	46.5	2500	ug/L
78-87-5	1,2-Dichloropropane	2500	UD	100	2500	ug/L
75-27-4	Bromodichloromethane	2500	UD	110	2500	ug/L
108-10-1	4-Methyl-2-Pentanone	12500	UD	340	12500	ug/L
108-88-3	Toluene	2500	UD	70.0	2500	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19B-082125DL2	SDG No.:	Q2936
Lab Sample ID:	Q2936-02DL2	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087661.D	500	08/25/25 16:25	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	2500	UD	85.0	2500	ug/L
10061-01-5	cis-1,3-Dichloropropene	2500	UD	80.0	2500	ug/L
79-00-5	1,1,2-Trichloroethane	2500	UD	110	2500	ug/L
591-78-6	2-Hexanone	12500	UD	450	12500	ug/L
124-48-1	Dibromochloromethane	2500	UD	90.0	2500	ug/L
106-93-4	1,2-Dibromoethane	2500	UD	75.0	2500	ug/L
127-18-4	Tetrachloroethene	2500	UD	120	2500	ug/L
108-90-7	Chlorobenzene	2500	UD	60.0	2500	ug/L
100-41-4	Ethyl Benzene	3000	D	65.0	2500	ug/L
179601-23-1	m/p-Xylenes	730	JD	120	5000	ug/L
95-47-6	o-Xylene	440	JD	60.0	2500	ug/L
100-42-5	Styrene	2500	UD	75.0	2500	ug/L
75-25-2	Bromoform	2500	UD	95.0	2500	ug/L
98-82-8	Isopropylbenzene	2500	UD	60.0	2500	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	2500	UD	130	2500	ug/L
541-73-1	1,3-Dichlorobenzene	2500	UD	80.0	2500	ug/L
106-46-7	1,4-Dichlorobenzene	2500	UD	95.0	2500	ug/L
95-50-1	1,2-Dichlorobenzene	2500	UD	80.0	2500	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	2500	UD	270	2500	ug/L
120-82-1	1,2,4-Trichlorobenzene	2500	UD	100	2500	ug/L
87-61-6	1,2,3-Trichlorobenzene	2500	UD	100	2500	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.2		74 - 125	108%	SPK: 50
1868-53-7	Dibromofluoromethane	48.5		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	47.4		86 - 113	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.2		77 - 121	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	173000	8.212			
540-36-3	1,4-Difluorobenzene	404000	9.082			
3114-55-4	Chlorobenzene-d5	378000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	175000	13.77			

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Report of Analysis

Client:	AECOM	Date Collected:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19B-082125DL2	SDG No.:	Q2936
Lab Sample ID:	Q2936-02DL2	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087661.D	500	08/25/25 16:25	VN082525

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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19C-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-03	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087656.D	1	08/25/25 14:40	VN082525

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	16.8		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	24.8		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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19C-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-03	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087656.D	1	08/25/25 14:40	VN082525

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	22.0		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	56.5		74 - 125	113%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	48.4		86 - 113	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.6		77 - 121	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	195000	8.206			
540-36-3	1,4-Difluorobenzene	447000	9.083			
3114-55-4	Chlorobenzene-d5	432000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	205000	13.77			

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Report of Analysis

Client:	AECOM	Date Collected:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19C-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-03	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087656.D	1	08/25/25 14:40	VN082525

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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	FB-02-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-04	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087654.D	1	08/25/25 13:58	VN082525

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	21.5	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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	FB-02-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-04	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087654.D	1	08/25/25 13:58	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	5.00	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	5.00	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	5.00	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	25.0	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	5.00	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	5.00	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	5.00	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	5.00	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	5.00	U	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	10.0	U	0.24	10.0	ug/L
95-47-6	o-Xylene	5.00	U	0.12	5.00	ug/L
100-42-5	Styrene	5.00	U	0.15	5.00	ug/L
75-25-2	Bromoform	5.00	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	5.00	U	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	5.00	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.7		74 - 125	105%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	47.6		86 - 113	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.9		77 - 121	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	186000	8.206			
540-36-3	1,4-Difluorobenzene	422000	9.082			
3114-55-4	Chlorobenzene-d5	393000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	183000	13.77			

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Report of Analysis

Client:	AECOM	Date Collected:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	FB-02-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-04	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087654.D	1	08/25/25 13:58	VN082525

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:	08/15/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	TB	SDG No.:	Q2936
Lab Sample ID:	Q2936-05	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087653.D	1	08/25/25 13:37	VN082525

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:	08/15/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	TB	SDG No.:	Q2936
Lab Sample ID:	Q2936-05	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087653.D	1	08/25/25 13:37	VN082525

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	58.7		74 - 125	117%	SPK: 50
1868-53-7	Dibromofluoromethane	50.3		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	47.7		86 - 113	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.7		77 - 121	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	191000	8.206			
540-36-3	1,4-Difluorobenzene	449000	9.082			
3114-55-4	Chlorobenzene-d5	426000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	205000	13.77			

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Report of Analysis

Client:	AECOM	Date Collected:	08/15/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	TB	SDG No.:	Q2936
Lab Sample ID:	Q2936-05	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087653.D	1	08/25/25 13:37	VN082525

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

QC SUMMARY

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Surrogate Summary

SDG No.: Q2936

Client: AECOM

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2936-01	MW-19A-082125	1,2-Dichloroethane-d4	50	58.3	117		74	125
		Dibromofluoromethane	50	50.6	101		75	124
		Toluene-d8	50	49.0	98		86	113
		4-Bromofluorobenzene	50	47.1	94		77	121
Q2936-02	MW-19B-082125	1,2-Dichloroethane-d4	50	73.4	147	*	74	125
		Dibromofluoromethane	50	44.5	89		75	124
		Toluene-d8	50	46.2	92		86	113
		4-Bromofluorobenzene	50	47.3	95		77	121
Q2936-02DL	MW-19B-082125DL	1,2-Dichloroethane-d4	50	55.8	112		74	125
		Dibromofluoromethane	50	48.4	97		75	124
		Toluene-d8	50	47.7	95		86	113
		4-Bromofluorobenzene	50	47.9	96		77	121
Q2936-02DL2	MW-19B-082125DL2	1,2-Dichloroethane-d4	50	54.2	108		74	125
		Dibromofluoromethane	50	48.5	97		75	124
		Toluene-d8	50	47.4	95		86	113
		4-Bromofluorobenzene	50	46.3	92		77	121
Q2936-03	MW-19C-082125	1,2-Dichloroethane-d4	50	56.5	113		74	125
		Dibromofluoromethane	50	50.1	100		75	124
		Toluene-d8	50	48.4	97		86	113
		4-Bromofluorobenzene	50	48.6	97		77	121
Q2936-04	FB-02-082125	1,2-Dichloroethane-d4	50	52.7	105		74	125
		Dibromofluoromethane	50	50.0	100		75	124
		Toluene-d8	50	47.6	95		86	113
		4-Bromofluorobenzene	50	46.9	94		77	121
Q2936-05	TB	1,2-Dichloroethane-d4	50	58.7	117		74	125
		Dibromofluoromethane	50	50.3	101		75	124
		Toluene-d8	50	47.7	95		86	113
		4-Bromofluorobenzene	50	49.7	99		77	121

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Surrogate Summary

SDG No.: Q2936

Client: AECOM

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	High
VN0822WBL01	VN0822WBL01	1,2-Dichloroethane-d4	50	53.7	107		74	125
		Dibromofluoromethane	50	49.4	99		75	124
		Toluene-d8	50	48.2	96		86	113
		4-Bromofluorobenzene	50	47.7	95		77	121
VN0822WBS01	VN0822WBS01	1,2-Dichloroethane-d4	50	46.8	94		74	125
		Dibromofluoromethane	50	46.3	93		75	124
		Toluene-d8	50	46.8	94		86	113
		4-Bromofluorobenzene	50	46.2	92		77	121
VN0825WBL01	VN0825WBL01	1,2-Dichloroethane-d4	50	52.3	105		74	125
		Dibromofluoromethane	50	50.0	100		75	124
		Toluene-d8	50	48.2	96		86	113
		4-Bromofluorobenzene	50	46.5	93		77	121
VN0825WBS01	VN0825WBS01	1,2-Dichloroethane-d4	50	46.9	94		74	125
		Dibromofluoromethane	50	46.0	92		75	124
		Toluene-d8	50	45.3	91		86	113
		4-Bromofluorobenzene	50	44.8	90		77	121
VN0825WBSD0	VN0825WBSD01	1,2-Dichloroethane-d4	50	46.4	93		74	125
		Dibromofluoromethane	50	46.9	94		75	124
		Toluene-d8	50	46.2	92		86	113
		4-Bromofluorobenzene	50	46.4	93		77	121

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2936 **Analytical Method:** SW8260-Low

Client: AECOM **Datafile :** VN087631.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0822WBS01	Dichlorodifluoromethane	20	20.3	ug/L	102			69	116	
	Chloromethane	20	19.2	ug/L	96			65	116	
	Vinyl chloride	20	18.8	ug/L	94			65	117	
	Bromomethane	20	18.7	ug/L	94			58	125	
	Chloroethane	20	17.4	ug/L	87			56	128	
	Trichlorofluoromethane	20	18.4	ug/L	92			73	115	
	1,1,2-Trichlorotrifluoroethane	20	17.3	ug/L	86			80	112	
	1,1-Dichloroethene	20	17.7	ug/L	89			74	110	
	Acetone	100	76.8	ug/L	77			60	125	
	Carbon disulfide	20	17.6	ug/L	88			64	112	
	Methyl tert-butyl Ether	20	17.1	ug/L	86			78	114	
	Methyl Acetate	20	17.0	ug/L	85			67	125	
	Methylene Chloride	20	17.0	ug/L	85			72	114	
	trans-1,2-Dichloroethene	20	16.9	ug/L	85			75	108	
	1,1-Dichloroethane	20	16.7	ug/L	84			78	112	
	Cyclohexane	20	18.4	ug/L	92			75	110	
	2-Butanone	100	84.7	ug/L	85			65	122	
	Carbon Tetrachloride	20	17.4	ug/L	87			77	113	
	cis-1,2-Dichloroethene	20	17.6	ug/L	88			77	110	
	Bromochloromethane	20	19.2	ug/L	96			70	124	
	Chloroform	20	17.5	ug/L	88			79	113	
	1,1,1-Trichloroethane	20	17.4	ug/L	87			80	108	
	Methylcyclohexane	20	16.4	ug/L	82			72	115	
	Benzene	20	17.0	ug/L	85			82	109	
	1,2-Dichloroethane	20	16.9	ug/L	85			80	115	
	Trichloroethene	20	16.9	ug/L	85			77	113	
	1,2-Dichloropropane	20	16.3	ug/L	81		*	83	111	
	Bromodichloromethane	20	17.0	ug/L	85			83	110	
	4-Methyl-2-Pentanone	100	85.5	ug/L	86			74	118	
	Toluene	20	16.9	ug/L	85			82	110	
	t-1,3-Dichloropropene	20	17.3	ug/L	86			79	110	
	cis-1,3-Dichloropropene	20	17.3	ug/L	86			82	110	
	1,1,2-Trichloroethane	20	16.7	ug/L	84			83	112	
	2-Hexanone	100	87.8	ug/L	88			73	117	
	Dibromochloromethane	20	16.5	ug/L	83			82	110	
	1,2-Dibromoethane	20	16.8	ug/L	84			81	110	
	Tetrachloroethene	20	16.3	ug/L	81			67	123	
	Chlorobenzene	20	17.2	ug/L	86			82	109	
	Ethyl Benzene	20	17.3	ug/L	86			83	109	
	m/p-Xylenes	40	35.1	ug/L	88			82	110	
	o-Xylene	20	17.1	ug/L	86			83	109	
	Styrene	20	17.5	ug/L	88			80	111	
	Bromoform	20	17.1	ug/L	86			79	109	
	Isopropylbenzene	20	17.5	ug/L	88			83	112	
	1,1,2,2-Tetrachloroethane	20	17.4	ug/L	87			76	118	
	1,3-Dichlorobenzene	20	17.1	ug/L	86			82	108	
	1,4-Dichlorobenzene	20	16.9	ug/L	85			82	107	
	1,2-Dichlorobenzene	20	17.1	ug/L	86			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q2936**	**Analytical Method:**	**SW8260-Low**
Client:	**AECOM**	**Datafile :**	VN087631.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0822WBS01	1,2-Dibromo-3-Chloropropane	20	16.8	ug/L	84			68	112	
	1,2,4-Trichlorobenzene	20	17.2	ug/L	86			75	113	
	1,2,3-Trichlorobenzene	20	16.0	ug/L	80			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2936 **Analytical Method:** SW8260-Low

Client: AECOM **Datafile :** VN087650.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0825WBS01	Dichlorodifluoromethane	20	19.6	ug/L	98			69	116	
	Chloromethane	20	19.2	ug/L	96			65	116	
	Vinyl chloride	20	18.6	ug/L	93			65	117	
	Bromomethane	20	19.5	ug/L	98			58	125	
	Chloroethane	20	18.3	ug/L	92			56	128	
	Trichlorofluoromethane	20	18.9	ug/L	95			73	115	
	1,1,2-Trichlorotrifluoroethane	20	17.8	ug/L	89			80	112	
	1,1-Dichloroethene	20	17.9	ug/L	90			74	110	
	Acetone	100	92.7	ug/L	93			60	125	
	Carbon disulfide	20	18.3	ug/L	92			64	112	
	Methyl tert-butyl Ether	20	18.0	ug/L	90			78	114	
	Methyl Acetate	20	18.4	ug/L	92			67	125	
	Methylene Chloride	20	17.7	ug/L	89			72	114	
	trans-1,2-Dichloroethene	20	17.0	ug/L	85			75	108	
	1,1-Dichloroethane	20	17.7	ug/L	89			78	112	
	Cyclohexane	20	18.1	ug/L	91			75	110	
	2-Butanone	100	90.9	ug/L	91			65	122	
	Carbon Tetrachloride	20	18.0	ug/L	90			77	113	
	cis-1,2-Dichloroethene	20	17.3	ug/L	86			77	110	
	Bromochloromethane	20	20.0	ug/L	100			70	124	
	Chloroform	20	17.8	ug/L	89			79	113	
	1,1,1-Trichloroethane	20	18.1	ug/L	91			80	108	
	Methylcyclohexane	20	16.7	ug/L	84			72	115	
	Benzene	20	17.4	ug/L	87			82	109	
	1,2-Dichloroethane	20	17.3	ug/L	86			80	115	
	Trichloroethene	20	17.1	ug/L	86			77	113	
	1,2-Dichloropropane	20	16.6	ug/L	83			83	111	
	Bromodichloromethane	20	17.2	ug/L	86			83	110	
	4-Methyl-2-Pentanone	100	88.3	ug/L	88			74	118	
	Toluene	20	17.4	ug/L	87			82	110	
	t-1,3-Dichloropropene	20	17.3	ug/L	86			79	110	
	cis-1,3-Dichloropropene	20	17.5	ug/L	88			82	110	
	1,1,2-Trichloroethane	20	17.8	ug/L	89			83	112	
	2-Hexanone	100	92.2	ug/L	92			73	117	
	Dibromochloromethane	20	16.6	ug/L	83			82	110	
	1,2-Dibromoethane	20	17.0	ug/L	85			81	110	
	Tetrachloroethene	20	17.0	ug/L	85			67	123	
	Chlorobenzene	20	17.4	ug/L	87			82	109	
	Ethyl Benzene	20	17.8	ug/L	89			83	109	
	m/p-Xylenes	40	36.1	ug/L	90			82	110	
	o-Xylene	20	17.2	ug/L	86			83	109	
	Styrene	20	17.9	ug/L	90			80	111	
	Bromoform	20	18.2	ug/L	91			79	109	
	Isopropylbenzene	20	17.3	ug/L	86			83	112	
	1,1,2,2-Tetrachloroethane	20	18.2	ug/L	91			76	118	
	1,3-Dichlorobenzene	20	17.1	ug/L	86			82	108	
	1,4-Dichlorobenzene	20	17.1	ug/L	86			82	107	
	1,2-Dichlorobenzene	20	17.7	ug/L	89			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q2936**	**Analytical Method:**	**SW8260-Low**
Client:	**AECOM**	**Datafile :**	VN087650.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0825WBS01	1,2-Dibromo-3-Chloropropane	20	17.1	ug/L	86			68	112	
	1,2,4-Trichlorobenzene	20	17.2	ug/L	86			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.: Q2936 **Analytical Method:** SW8260-Low

Client: AECOM **Datafile :** VN087651.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0825WBSD01	Dichlorodifluoromethane	20	21.7	ug/L	109	11		69	116	19
	Chloromethane	20	19.6	ug/L	98	2		65	116	21
	Vinyl chloride	20	19.0	ug/L	95	2		65	117	19
	Bromomethane	20	18.5	ug/L	93	5		58	125	20
	Chloroethane	20	18.0	ug/L	90	2		56	128	20
	Trichlorofluoromethane	20	19.1	ug/L	96	1		73	115	16
	1,1,2-Trichlorotrifluoroethane	20	18.9	ug/L	95	7		80	112	15
	1,1-Dichloroethene	20	18.5	ug/L	93	3		74	110	20
	Acetone	100	85.6	ug/L	86	8		60	125	20
	Carbon disulfide	20	18.1	ug/L	91	1		64	112	20
	Methyl tert-butyl Ether	20	18.5	ug/L	93	3		78	114	20
	Methyl Acetate	20	19.5	ug/L	98	6		67	125	20
	Methylene Chloride	20	18.0	ug/L	90	1		72	114	20
	trans-1,2-Dichloroethene	20	17.2	ug/L	86	1		75	108	16
	1,1-Dichloroethane	20	17.3	ug/L	86	3		78	112	20
	Cyclohexane	20	18.4	ug/L	92	1		75	110	20
	2-Butanone	100	90.5	ug/L	91	0		65	122	26
	Carbon Tetrachloride	20	19.2	ug/L	96	6		77	113	15
	cis-1,2-Dichloroethene	20	17.9	ug/L	90	5		77	110	20
	Bromochloromethane	20	19.8	ug/L	99	1		70	124	20
	Chloroform	20	18.2	ug/L	91	2		79	113	20
	1,1,1-Trichloroethane	20	17.7	ug/L	89	2		80	108	20
	Methylcyclohexane	20	19.2	ug/L	96	13		72	115	20
	Benzene	20	18.4	ug/L	92	6		82	109	15
	1,2-Dichloroethane	20	18.7	ug/L	94	9		80	115	20
	Trichloroethene	20	18.1	ug/L	91	6		77	113	15
	1,2-Dichloropropane	20	18.1	ug/L	91	9		83	111	16
	Bromodichloromethane	20	18.7	ug/L	94	9		83	110	16
	4-Methyl-2-Pentanone	100	98.0	ug/L	98	11		74	118	25
	Toluene	20	18.3	ug/L	92	6		82	110	16
	t-1,3-Dichloropropene	20	19.0	ug/L	95	10		79	110	20
	cis-1,3-Dichloropropene	20	18.4	ug/L	92	4		82	110	16
	1,1,2-Trichloroethane	20	18.7	ug/L	94	5		83	112	20
	2-Hexanone	100	97.4	ug/L	97	5		73	117	25
	Dibromochloromethane	20	18.2	ug/L	91	9		82	110	20
	1,2-Dibromoethane	20	18.4	ug/L	92	8		81	110	20
	Tetrachloroethene	20	16.9	ug/L	85	0		67	123	15
	Chlorobenzene	20	17.7	ug/L	89	2		82	109	15
	Ethyl Benzene	20	18.0	ug/L	90	1		83	109	16
	m/p-Xylenes	40	36.1	ug/L	90	0		82	110	15
	o-Xylene	20	18.2	ug/L	91	6		83	109	20
	Styrene	20	18.5	ug/L	93	3		80	111	17
	Bromoform	20	18.4	ug/L	92	1		79	109	20
	Isopropylbenzene	20	18.1	ug/L	91	6		83	112	29
	1,1,2,2-Tetrachloroethane	20	19.3	ug/L	97	6		76	118	20
	1,3-Dichlorobenzene	20	17.8	ug/L	89	3		82	108	20
	1,4-Dichlorobenzene	20	17.9	ug/L	90	5		82	107	15
	1,2-Dichlorobenzene	20	18.1	ug/L	91	2		82	109	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q2936**	**Analytical Method:**	**SW8260-Low**
Client:	**AECOM**	**Datafile :**	VN087651.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0825WBSD01	1,2-Dibromo-3-Chloropropane	20	19.0	ug/L	95	10		68	112	20
	1,2,4-Trichlorobenzene	20	18.9	ug/L	95	10		75	113	29
	1,2,3-Trichlorobenzene	20	18.0	ug/L	90	6		76	114	29

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VOLATILE METHOD BLANK SUMMARY

Client ID: VN0822WBL01

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q2936

Lab File ID: VN087630.D | Lab Sample ID: VN0822WBL01

Date Analyzed: 08/22/2025 | Time Analyzed: 10:47

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0822WBS01	VN0822WBS01	VN087631.D	08/22/2025
MW-19B-082125	Q2936-02	VN087643.D	08/22/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VN0825WBL01

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q2936

Lab File ID: VN087649.D | Lab Sample ID: VN0825WBL01

Date Analyzed: 08/25/2025 | Time Analyzed: 10:33

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0825WBS01	VN0825WBS01	VN087650.D	08/25/2025
VN0825WBSD01	VN0825WBSD01	VN087651.D	08/25/2025
MW-19B-082125DL	Q2936-02DL	VN087652.D	08/25/2025
TB	Q2936-05	VN087653.D	08/25/2025
FB-02-082125	Q2936-04	VN087654.D	08/25/2025
MW-19C-082125	Q2936-03	VN087656.D	08/25/2025
MW-19A-082125	Q2936-01	VN087657.D	08/25/2025
MW-19B-082125DL2	Q2936-02DL2	VN087661.D	08/25/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q2936

Lab File ID: VN087614.D | BFB Injection Date: 08/21/2025

Instrument ID: MSVOA_N | BFB Injection Time: 09:30

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	25.8
75	30.0 - 60.0% of mass 95	58.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.3
173	Less than 2.0% of mass 174	1.1 (1.6) 1
174	50.0 - 100.0% of mass 95	69
175	5.0 - 9.0% of mass 174	5.6 (8.1) 1
176	95.0 - 101.0% of mass 174	67.7 (98.1) 1
177	5.0 - 9.0% of mass 176	4.8 (7.1) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VN087619.D	08/21/2025	12:09
VSTDICC005	VSTDICC005	VN087620.D	08/21/2025	13:08
VSTDICC020	VSTDICC020	VN087621.D	08/21/2025	13:41
VSTDICCC050	VSTDICCC050	VN087622.D	08/21/2025	14:02
VSTDICC100	VSTDICC100	VN087623.D	08/21/2025	14:23
VSTDICC150	VSTDICC150	VN087624.D	08/21/2025	14:44

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: AECO02
Lab Code: ACE
SDG NO.: Q2936
Lab File ID: VN087627.D
BFB Injection Date: 08/22/2025
Instrument ID: MSVOA_N
BFB Injection Time: 08:00
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	25.3
75	30.0 - 60.0% of mass 95	58.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.3 (0.4) 1
174	50.0 - 100.0% of mass 95	69.4
175	5.0 - 9.0% of mass 174	5.6 (8.1) 1
176	95.0 - 101.0% of mass 174	66 (95.1) 1
177	5.0 - 9.0% of mass 176	3.6 (5.4) 2

1-Value is % mass 174
2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN087628.D	08/22/2025	09:16
VN0822WBL01	VN0822WBL01	VN087630.D	08/22/2025	10:47
VN0822WBS01	VN0822WBS01	VN087631.D	08/22/2025	11:16
MW-19B-082125	Q2936-02	VN087643.D	08/22/2025	15:47

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: AECO02
Lab Code: ACE
SDG NO.: Q2936
Lab File ID: VN087646.D
BFB Injection Date: 08/25/2025
Instrument ID: MSVOA_N
BFB Injection Time: 08:15
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.8
75	30.0 - 60.0% of mass 95	58.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.1
173	Less than 2.0% of mass 174	0.5 (0.8) 1
174	50.0 - 100.0% of mass 95	68.5
175	5.0 - 9.0% of mass 174	6.1 (9) 1
176	95.0 - 101.0% of mass 174	66.8 (97.4) 1
177	5.0 - 9.0% of mass 176	4.2 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN087647.D	08/25/2025	09:37
VN0825WBL01	VN0825WBL01	VN087649.D	08/25/2025	10:33
VN0825WBS01	VN0825WBS01	VN087650.D	08/25/2025	12:21
VN0825WBSD01	VN0825WBSD01	VN087651.D	08/25/2025	12:56
MW-19B-082125DL	Q2936-02DL	VN087652.D	08/25/2025	13:16
TB	Q2936-05	VN087653.D	08/25/2025	13:37
FB-02-082125	Q2936-04	VN087654.D	08/25/2025	13:58
MW-19C-082125	Q2936-03	VN087656.D	08/25/2025	14:40
MW-19A-082125	Q2936-01	VN087657.D	08/25/2025	15:01
MW-19B-082125DL2	Q2936-02DL2	VN087661.D	08/25/2025	16:25

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2936

Lab File ID: VN087628.D Date Analyzed: 08/22/2025

Instrument ID: MSVOA_N Time Analyzed: 09:16

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	263551	8.21	512519	9.08	469406	11.85
UPPER LIMIT	527102	8.706	1025040	9.582	938812	12.347
LOWER LIMIT	131776	7.706	256260	8.582	234703	11.347
EPA SAMPLE NO.						
MW-19B-082125	165286	8.21	419366	9.08	365004	11.85
VN0822WBL01	212794	8.21	479771	9.08	448296	11.84
VN0822WBS01	241192	8.21	479192	9.08	431937	11.85

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.: Q2936

Lab File ID: VN087628.D Date Analyzed: 08/22/2025

Instrument ID: MSVOA_N Time Analyzed: 09:16

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	231212	13.77				
UPPER LIMIT	462424	14.27				
LOWER LIMIT	115606	13.27				
EPA SAMPLE NO.						
MW-19B-082125	189102	13.77				
VN0822WBL01	206141	13.77				
VN0822WBS01	215397	13.77				

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.: Q2936

Lab File ID: VN087647.D Date Analyzed: 08/25/2025

Instrument ID: MSVOA_N Time Analyzed: 09:37

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	257927	8.21	497405	9.08	459274	11.85
UPPER LIMIT	515854	8.706	994810	9.583	918548	12.347
LOWER LIMIT	128964	7.706	248703	8.583	229637	11.347
EPA SAMPLE NO.						
MW-19A-082125	213929	8.21	506260	9.08	481175	11.85
MW-19B-082125DL	176671	8.21	427727	9.08	385443	11.85
MW-19B-082125DL2	173151	8.21	403642	9.08	378273	11.85
MW-19C-082125	194994	8.21	447255	9.08	431712	11.85
FB-02-082125	185558	8.21	422409	9.08	393280	11.84
TB	191231	8.21	449008	9.08	426482	11.84
VN0825WBL01	190267	8.21	429125	9.08	403882	11.84
VN0825WBS01	223180	8.21	452330	9.08	403500	11.84
VN0825WBSD01	230804	8.21	442728	9.08	414378	11.85

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.: Q2936

Lab File ID: VN087647.D Date Analyzed: 08/25/2025

Instrument ID: MSVOA_N Time Analyzed: 09:37

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	238788	13.771				
UPPER LIMIT	477576	14.271				
LOWER LIMIT	119394	13.271				
EPA SAMPLE NO.						
MW-19A-082125	228100	13.77				
MW-19B-082125DL	189663	13.77				
MW-19B-082125DL2	175402	13.77				
MW-19C-082125	205053	13.77				
FB-02-082125	182948	13.77				
TB	204728	13.77				
VN0825WBL01	182604	13.77				
VN0825WBS01	202288	13.77				
VN0825WBSD01	204092	13.77				

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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	VN0822WBL01	SDG No.:	Q2936
Lab Sample ID:	VN0822WBL01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087630.D	1	08/22/25 10:47	VN082225

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:	VN0822WBL01	SDG No.:	Q2936
Lab Sample ID:	VN0822WBL01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087630.D	1	08/22/25 10:47	VN082225

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	53.7		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	49.4		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	48.2		86 - 113	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.7		77 - 121	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	213000	8.206			
540-36-3	1,4-Difluorobenzene	480000	9.083			
3114-55-4	Chlorobenzene-d5	448000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	206000	13.77			

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	VN0822WBL01	SDG No.:	Q2936
Lab Sample ID:	VN0822WBL01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087630.D	1	08/22/25 10:47	VN082225

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:	VN0825WBL01	SDG No.:	Q2936
Lab Sample ID:	VN0825WBL01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087649.D	1	08/25/25 10:33	VN082525

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:	VN0825WBL01	SDG No.:	Q2936
Lab Sample ID:	VN0825WBL01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087649.D	1	08/25/25 10:33	VN082525

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	52.3		74 - 125	105%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	48.2		86 - 113	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.5		77 - 121	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	190000	8.212			
540-36-3	1,4-Difluorobenzene	429000	9.082			
3114-55-4	Chlorobenzene-d5	404000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	183000	13.77			

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	VN0825WBL01	SDG No.:	Q2936
Lab Sample ID:	VN0825WBL01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087649.D	1	08/25/25 10:33	VN082525

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:	VN0822WBS01	SDG No.:	Q2936
Lab Sample ID:	VN0822WBS01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

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

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

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Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	17.3		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	17.3		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	16.7		0.21	1.00	ug/L
591-78-6	2-Hexanone	87.8		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	16.5		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	16.8		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	16.3		0.23	1.00	ug/L
108-90-7	Chlorobenzene	17.2		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	17.3		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	35.1		0.24	2.00	ug/L
95-47-6	o-Xylene	17.1		0.12	1.00	ug/L
100-42-5	Styrene	17.5		0.15	1.00	ug/L
75-25-2	Bromoform	17.1		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	17.5		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	17.4		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	17.1		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	16.9		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	17.1		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	16.8		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.2		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	16.0		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.8		74 - 125	94%	SPK: 50
1868-53-7	Dibromofluoromethane	46.3		75 - 124	93%	SPK: 50
2037-26-5	Toluene-d8	46.8		86 - 113	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.2		77 - 121	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	241000	8.206			
540-36-3	1,4-Difluorobenzene	479000	9.082			
3114-55-4	Chlorobenzene-d5	432000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	215000	13.77			

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Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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:	VN0825WBS01	SDG No.:	Q2936
Lab Sample ID:	VN0825WBS01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087650.D	1	08/25/25 12:21	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.6		0.22	1.00	ug/L
74-87-3	Chloromethane	19.2		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.6		0.26	1.00	ug/L
74-83-9	Bromomethane	19.5		1.40	5.00	ug/L
75-00-3	Chloroethane	18.3		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.9		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	17.9		0.23	1.00	ug/L
67-64-1	Acetone	92.7		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.3		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.0		0.16	1.00	ug/L
79-20-9	Methyl Acetate	18.4		0.27	1.00	ug/L
75-09-2	Methylene Chloride	17.7		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.0		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	17.7		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.1		1.50	5.00	ug/L
78-93-3	2-Butanone	90.9		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.0		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	17.3		0.19	1.00	ug/L
74-97-5	Bromochloromethane	20.0		0.22	1.00	ug/L
67-66-3	Chloroform	17.8		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.1		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	16.7		0.16	1.00	ug/L
71-43-2	Benzene	17.4		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	17.3		0.22	1.00	ug/L
79-01-6	Trichloroethene	17.1		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	16.6		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	17.2		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	88.3		0.68	5.00	ug/L
108-88-3	Toluene	17.4		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:	VN0825WBS01	SDG No.:	Q2936
Lab Sample ID:	VN0825WBS01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087650.D	1	08/25/25 12:21	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	17.3		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	17.5		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	17.8		0.21	1.00	ug/L
591-78-6	2-Hexanone	92.2		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	16.6		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	17.0		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	17.8		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	36.1		0.24	2.00	ug/L
95-47-6	o-Xylene	17.2		0.12	1.00	ug/L
100-42-5	Styrene	17.9		0.15	1.00	ug/L
75-25-2	Bromoform	18.2		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	18.2		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	17.1		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.1		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	17.7		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	17.1		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.2		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	16.9		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.9		74 - 125	94%	SPK: 50
1868-53-7	Dibromofluoromethane	46.0		75 - 124	92%	SPK: 50
2037-26-5	Toluene-d8	45.3		86 - 113	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.8		77 - 121	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	223000	8.206			
540-36-3	1,4-Difluorobenzene	452000	9.082			
3114-55-4	Chlorobenzene-d5	404000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	202000	13.77			

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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:	VN0825WBS01	SDG No.:	Q2936
Lab Sample ID:	VN0825WBS01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087650.D	1	08/25/25 12:21	VN082525

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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	VN0825WBSD01	SDG No.:	Q2936
Lab Sample ID:	VN0825WBSD01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087651.D	1	08/25/25 12:56	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	21.7		0.22	1.00	ug/L
74-87-3	Chloromethane	19.6		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.0		0.26	1.00	ug/L
74-83-9	Bromomethane	18.5		1.40	5.00	ug/L
75-00-3	Chloroethane	18.0		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.1		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.9		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.5		0.23	1.00	ug/L
67-64-1	Acetone	85.6		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.1		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.5		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.5		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.0		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.2		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	17.3		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.4		1.50	5.00	ug/L
78-93-3	2-Butanone	90.5		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.2		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	17.9		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.8		0.22	1.00	ug/L
67-66-3	Chloroform	18.2		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	17.7		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	19.2		0.16	1.00	ug/L
71-43-2	Benzene	18.4		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.7		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.1		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.1		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	18.7		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	18.3		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:	VN0825WBSD01	SDG No.:	Q2936
Lab Sample ID:	VN0825WBSD01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087651.D	1	08/25/25 12:56	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.0		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.4		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.7		0.21	1.00	ug/L
591-78-6	2-Hexanone	97.4		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	18.2		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.4		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	16.9		0.23	1.00	ug/L
108-90-7	Chlorobenzene	17.7		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.0		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	36.1		0.24	2.00	ug/L
95-47-6	o-Xylene	18.2		0.12	1.00	ug/L
100-42-5	Styrene	18.5		0.15	1.00	ug/L
75-25-2	Bromoform	18.4		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	18.1		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.3		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	17.8		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.9		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.1		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.0		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.9		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.0		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.4		74 - 125	93%	SPK: 50
1868-53-7	Dibromofluoromethane	46.8		75 - 124	94%	SPK: 50
2037-26-5	Toluene-d8	46.2		86 - 113	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.4		77 - 121	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	231000	8.206			
540-36-3	1,4-Difluorobenzene	443000	9.083			
3114-55-4	Chlorobenzene-d5	414000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	204000	13.771			

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	VN0825WBSD01	SDG No.:	Q2936
Lab Sample ID:	VN0825WBSD01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087651.D	1	08/25/25 12:56	VN082525

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.: Q2936

Instrument ID: MSVOA_N Calibration Date(s): 08/21/2025 08/21/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:09 14:44

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF001 = VN087619.D RRF005 = VN087620.D RRF020 = VN087621.D
RRF050 = VN087622.D RRF100 = VN087623.D RRF150 = VN087624.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.707	0.579	0.606	0.810	0.777	0.782	0.710	13.7
Chloromethane	0.739	0.637	0.710	0.795	0.752	0.747	0.730	7.3
Vinyl Chloride	0.909	0.739	0.832	0.903	0.847	0.846	0.846	7.3
Bromomethane		0.388	0.393	0.448	0.466	0.488	0.437	10.2
Chloroethane	0.727	0.528	0.599	0.603	0.558	0.554	0.595	11.9
Trichlorofluoromethane	1.323	1.139	1.242	1.274	1.227	1.233	1.240	4.9
1,1,2-Trichlorotrifluoroethane	0.879	0.648	0.677	0.695	0.654	0.656	0.701	12.6
1,1-Dichloroethene	0.892	0.649	0.730	0.700	0.667	0.687	0.721	12.3
Acetone	0.633	0.634	0.584	0.522	0.484	0.489	0.558	12.3
Carbon Disulfide	2.272	1.746	1.970	2.003	1.937	1.979	1.985	8.5
Methyl tert-butyl Ether	2.859	2.508	2.740	2.733	2.643	2.742	2.704	4.4
Methyl Acetate	1.450	1.043	1.097	1.157	1.117	1.141	1.168	12.3
Methylene Chloride	1.494	0.916	0.875	0.823	0.779	0.799	0.948	28.8
trans-1,2-Dichloroethene	0.952	0.734	0.768	0.750	0.737	0.745	0.781	10.8
1,1-Dichloroethane	1.798	1.500	1.549	1.501	1.454	1.471	1.546	8.3
Cyclohexane		1.490	1.310	1.234	1.201	1.207	1.289	9.4
2-Butanone	0.783	0.722	0.757	0.732	0.700	0.707	0.734	4.3
Carbon Tetrachloride	0.571	0.509	0.568	0.542	0.549	0.542	0.547	4.1
cis-1,2-Dichloroethene	0.997	0.916	0.937	0.941	0.908	0.905	0.934	3.7
Bromochloromethane	0.800	0.781	0.722	0.701	0.748	0.731	0.747	5
Chloroform	1.677	1.535	1.629	1.579	1.519	1.528	1.578	4
1,1,1-Trichloroethane	1.510	1.297	1.359	1.303	1.265	1.288	1.337	6.8
Methylcyclohexane	0.686	0.580	0.610	0.590	0.597	0.596	0.610	6.3
Benzene	1.853	1.637	1.727	1.684	1.639	1.652	1.699	4.9
1,2-Dichloroethane	0.714	0.627	0.675	0.650	0.624	0.626	0.653	5.5
Trichloroethene	0.435	0.387	0.390	0.377	0.367	0.370	0.388	6.5
1,2-Dichloropropane	0.544	0.435	0.447	0.433	0.415	0.412	0.448	11
Bromodichloromethane	0.686	0.649	0.667	0.638	0.638	0.639	0.653	3
4-Methyl-2-Pentanone	0.701	0.675	0.744	0.736	0.718	0.704	0.713	3.5
Toluene	1.148	0.987	1.062	1.050	1.037	1.033	1.053	5

* 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.

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Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG No.: Q2936

Instrument ID: MSVOA_N | Calibration Date(s): 08/21/2025 08/21/2025

Heated Purge: (Y/N) N | Calibration Time(s): 12:09 14:44

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF001 = VN087619.D RRF005 = VN087620.D RRF020 = VN087621.D
RRF050 = VN087622.D RRF100 = VN087623.D RRF150 = VN087624.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.620	0.628	0.691	0.703	0.699	0.715	0.676	6.1
cis-1,3-Dichloropropene	0.717	0.640	0.712	0.718	0.714	0.710	0.702	4.3
1,1,2-Trichloroethane	0.439	0.383	0.417	0.408	0.400	0.397	0.407	4.7
2-Hexanone	0.295	0.390	0.493	0.510	0.508	0.507	0.451	19.8
Dibromochloromethane	0.535	0.440	0.458	0.466	0.465	0.468	0.472	6.8
1,2-Dibromoethane	0.412	0.433	0.444	0.432	0.429	0.427	0.430	2.4
Tetrachloroethene	0.447	0.353	0.340	0.313	0.315	0.313	0.347	14.9
Chlorobenzene	1.408	1.164	1.253	1.210	1.216	1.212	1.244	6.9
Ethyl Benzene	2.232	1.993	2.224	2.144	2.152	2.178	2.154	4
m/p-Xylenes	0.759	0.735	0.811	0.812	0.808	0.814	0.790	4.3
o-Xylene	0.777	0.707	0.794	0.796	0.788	0.784	0.774	4.3
Styrene	1.142	1.086	1.391	1.382	1.386	1.393	1.297	11
Bromoform	0.303	0.285	0.320	0.320	0.336	0.336	0.317	6.3
Isopropylbenzene	4.328	3.674	4.096	4.026	3.998	4.120	4.040	5.3
1,1,2,2-Tetrachloroethane	1.488	1.381	1.421	1.363	1.322	1.371	1.391	4.1
1,3-Dichlorobenzene	2.087	1.770	1.940	1.827	1.806	1.826	1.876	6.3
1,4-Dichlorobenzene	2.348	1.884	1.956	1.867	1.818	1.841	1.952	10.2
1,2-Dichlorobenzene	1.942	1.662	1.853	1.755	1.723	1.743	1.780	5.7
1,2-Dibromo-3-Chloropropane	0.370	0.323	0.329	0.317	0.313	0.330	0.330	6.2
1,2,4-Trichlorobenzene	1.192	0.995	1.081	1.026	1.040	1.079	1.069	6.4
1,2,3-Trichlorobenzene	1.140	0.972	1.059	1.006	1.019	1.072	1.045	5.7
1,2-Dichloroethane-d4		1.025	1.016	0.959	1.035	1.089	1.024	4.5
Dibromofluoromethane		0.369	0.344	0.334	0.373	0.386	0.361	6
Toluene-d8		1.384	1.266	1.223	1.408	1.475	1.351	7.7
4-Bromofluorobenzene		0.446	0.454	0.450	0.514	0.540	0.481	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.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: AECO02
Lab Code: ACE
SDG No.: Q2936
Instrument ID: MSVOA_N
Calibration Date/Time: 08/22/2025 09:16
Lab File ID: VN087628.D
Init. Calib. Date(s): 08/21/2025 08/21/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:09 14:44
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.710	0.679		-4.37	20
Chloromethane	0.730	0.681	0.1	-6.71	20
Vinyl Chloride	0.846	0.767		-9.34	20
Bromomethane	0.437	0.424		-2.97	20
Chloroethane	0.595	0.494		-16.98	20
Trichlorofluoromethane	1.240	1.096		-11.61	20
1,1,2-Trichlorotrifluoroethane	0.701	0.600		-14.41	20
1,1-Dichloroethene	0.721	0.601		-16.64	20
Acetone	0.558	0.441		-20.97	20
Carbon Disulfide	1.985	1.733		-12.69	20
Methyl tert-butyl Ether	2.704	2.325		-14.02	20
Methyl Acetate	1.168	0.962		-17.64	20
Methylene Chloride	0.948	0.708		-25.32	20
trans-1,2-Dichloroethene	0.781	0.645		-17.41	20
1,1-Dichloroethane	1.546	1.280	0.1	-17.21	20
Cyclohexane	1.289	1.096		-14.97	20
2-Butanone	0.734	0.598		-18.53	20
Carbon Tetrachloride	0.547	0.489		-10.6	20
cis-1,2-Dichloroethene	0.934	0.772		-17.34	20
Bromochloromethane	0.747	0.666		-10.84	20
Chloroform	1.578	1.337		-15.27	20
1,1,1-Trichloroethane	1.337	1.127		-15.71	20
Methylcyclohexane	0.610	0.520		-14.75	20
Benzene	1.699	1.461		-14.01	20
1,2-Dichloroethane	0.653	0.552		-15.47	20
Trichloroethene	0.388	0.326		-15.98	20
1,2-Dichloropropane	0.448	0.373		-16.74	20
Bromodichloromethane	0.653	0.559		-14.4	20
4-Methyl-2-Pentanone	0.713	0.611		-14.31	20
Toluene	1.053	0.898		-14.72	20
t-1,3-Dichloropropene	0.676	0.604		-10.65	20
cis-1,3-Dichloropropene	0.702	0.621		-11.54	20
1,1,2-Trichloroethane	0.407	0.348		-14.5	20
2-Hexanone	0.451	0.424		-5.99	20
Dibromochloromethane	0.472	0.400		-15.25	20
1,2-Dibromoethane	0.430	0.371		-13.72	20
Tetrachloroethene	0.347	0.281		-19.02	20
Chlorobenzene	1.244	1.054	0.3	-15.27	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.: Q2936

Instrument ID: MSVOA_N | Calibration Date/Time: 08/22/2025 09:16

Lab File ID: VN087628.D | Init. Calib. Date(s): 08/21/2025 08/21/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 12:09 14:44

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	2.154	1.905		-11.56	20
m/p-Xylenes	0.790	0.715		-9.49	20
o-Xylene	0.774	0.678		-12.4	20
Styrene	1.297	1.191		-8.17	20
Bromoform	0.317	0.288	0.1	-9.15	20
Isopropylbenzene	4.040	3.595		-11.02	20
1,1,2,2-Tetrachloroethane	1.391	1.185	0.3	-14.81	20
1,3-Dichlorobenzene	1.876	1.610		-14.18	20
1,4-Dichlorobenzene	1.952	1.632		-16.39	20
1,2-Dichlorobenzene	1.780	1.525		-14.33	20
1,2-Dibromo-3-Chloropropane	0.330	0.270		-18.18	20
1,2,4-Trichlorobenzene	1.069	0.904		-15.44	20
1,2,3-Trichlorobenzene	1.045	0.875		-16.27	20
1,2-Dichloroethane-d4	1.024	0.925		-9.67	20
Dibromofluoromethane	0.361	0.327		-9.42	20
Toluene-d8	1.351	1.221		-9.62	20
4-Bromofluorobenzene	0.481	0.443		-7.9	20

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,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG No.: Q2936

Instrument ID: MSVOA_N | Calibration Date/Time: 08/25/2025 09:37

Lab File ID: VN087647.D | Init. Calib. Date(s): 08/21/2025 08/21/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 12:09 14:44

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.710	0.739		4.09	20
Chloromethane	0.730	0.705	0.1	-3.42	20
Vinyl Chloride	0.846	0.778		-8.04	20
Bromomethane	0.437	0.430		-1.6	20
Chloroethane	0.595	0.545		-8.4	20
Trichlorofluoromethane	1.240	1.160		-6.45	20
1,1,2-Trichlorotrifluoroethane	0.701	0.637		-9.13	20
1,1-Dichloroethene	0.721	0.637		-11.65	20
Acetone	0.558	0.579		3.76	20
Carbon Disulfide	1.985	1.818		-8.41	20
Methyl tert-butyl Ether	2.704	2.628		-2.81	20
Methyl Acetate	1.168	1.177		0.77	20
Methylene Chloride	0.948	0.767		-19.09	20
trans-1,2-Dichloroethene	0.781	0.689		-11.78	20
1,1-Dichloroethane	1.546	1.366	0.1	-11.64	20
Cyclohexane	1.289	1.137		-11.79	20
2-Butanone	0.734	0.754		2.72	20
Carbon Tetrachloride	0.547	0.522		-4.57	20
cis-1,2-Dichloroethene	0.934	0.847		-9.31	20
Bromochloromethane	0.747	0.632		-15.4	20
Chloroform	1.578	1.444		-8.49	20
1,1,1-Trichloroethane	1.337	1.225		-8.38	20
Methylcyclohexane	0.610	0.578		-5.25	20
Benzene	1.699	1.596		-6.06	20
1,2-Dichloroethane	0.653	0.611		-6.43	20
Trichloroethene	0.388	0.345		-11.08	20
1,2-Dichloropropane	0.448	0.413		-7.81	20
Bromodichloromethane	0.653	0.623		-4.59	20
4-Methyl-2-Pentanone	0.713	0.738		3.51	20
Toluene	1.053	0.966		-8.26	20
t-1,3-Dichloropropene	0.676	0.666		-1.48	20
cis-1,3-Dichloropropene	0.702	0.693		-1.28	20
1,1,2-Trichloroethane	0.407	0.405		-0.49	20
2-Hexanone	0.451	0.505		11.97	20
Dibromochloromethane	0.472	0.454		-3.81	20
1,2-Dibromoethane	0.430	0.421		-2.09	20
Tetrachloroethene	0.347	0.307		-11.53	20
Chlorobenzene	1.244	1.143	0.3	-8.12	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.: Q2936

Instrument ID: MSVOA_N Calibration Date/Time: 08/25/2025 09:37

Lab File ID: VN087647.D Init. Calib. Date(s): 08/21/2025 08/21/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:09 14:44

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	2.154	2.040		-5.29	20
m/p-Xylenes	0.790	0.773		-2.15	20
o-Xylene	0.774	0.738		-4.65	20
Styrene	1.297	1.307		0.77	20
Bromoform	0.317	0.327	0.1	3.15	20
Isopropylbenzene	4.040	3.706		-8.27	20
1,1,2,2-Tetrachloroethane	1.391	1.318	0.3	-5.25	20
1,3-Dichlorobenzene	1.876	1.729		-7.84	20
1,4-Dichlorobenzene	1.952	1.749		-10.4	20
1,2-Dichlorobenzene	1.780	1.675		-5.9	20
1,2-Dibromo-3-Chloropropane	0.330	0.330		0	20
1,2,4-Trichlorobenzene	1.069	1.006		-5.89	20
1,2,3-Trichlorobenzene	1.045	0.985		-5.74	20
1,2-Dichloroethane-d4	1.024	0.883		-13.77	20
Dibromofluoromethane	0.361	0.318		-11.91	20
Toluene-d8	1.351	1.167		-13.62	20
4-Bromofluorobenzene	0.481	0.422		-12.27	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:	Q2936	**OrderDate:**	8/21/2025 3:57:00 PM
Client:	AECOM	**Project:**	National Grid Equity - Brooklyn NY
Contact:	Peter S	**Location:**	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2936-01	**MW-19A-082125**	**Water**			**08/21/25**			**08/21/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/27/25	
Q2936-02	**MW-19B-082125**	**Water**			**08/21/25**			**08/21/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/26/25	
Q2936-02DL	**MW-19B-082125DL**	**Water**			**08/21/25**			**08/21/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/27/25	
Q2936-02DL2	**MW-19B-082125DL2**	**Water**			**08/21/25**			**08/21/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/27/25	
Q2936-03	**MW-19C-082125**	**Water**			**08/21/25**			**08/21/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/27/25	
Q2936-04	**FB-02-082125**	**Water**			**08/21/25**			**08/21/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/22/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2936

Client: AECOM

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : MW-19A-082125									
Q2936-01	MW-19A-082125	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	7.700	AB	0	0	ug/L
			Total Tics :		**7.70**				
			Total Concentration:		**7.70**				
Client ID : MW-19B-082125									
Q2936-02	MW-19B-082125	WATER	Phenol		19.200		1	5.6	ug/L
Q2936-02	MW-19B-082125	WATER	3+4-Methylphenols		5.000	J	1.2	11.1	ug/L
Q2936-02	MW-19B-082125	WATER	2,4-Dimethylphenol		67.500		2.1	5.6	ug/L
Q2936-02	MW-19B-082125	WATER	Naphthalene		1,300.000	E	0.56	5.6	ug/L
Q2936-02	MW-19B-082125	WATER	2-Methylnaphthalene		190.000	E	0.62	5.6	ug/L
Q2936-02	MW-19B-082125	WATER	1,1-Biphenyl		21.000		0.59	5.6	ug/L
Q2936-02	MW-19B-082125	WATER	Acenaphthene		130.000	E	0.61	5.6	ug/L
Q2936-02	MW-19B-082125	WATER	Dibenzofuran		31.800		0.68	5.6	ug/L
Q2936-02	MW-19B-082125	WATER	Fluorene		40.100		0.7	5.6	ug/L
Q2936-02	MW-19B-082125	WATER	Phenanthrene		23.800		0.56	5.6	ug/L
Q2936-02	MW-19B-082125	WATER	Carbazole		23.000		0.8	5.6	ug/L
			Total Svoc :		**1,851.40**				
Q2936-02	MW-19B-082125	WATER	1(2H)-Isoquinolinone	*	35.200	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	1-Naphthalenecarboxylic acid	*	25.600	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	1-Naphthalenol	*	34.600	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	1-Naphthalenol, 2-methyl-	*	15.300	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	2(1H)-Quinolinone, 3-methyl-	*	13.700	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	Adamantane-1-carboxylic acid	*	60.500	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	Azulene	*	22.200	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	Benzene, 1,3-dimethyl-	*	190.000	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	Benzene, 1-ethyl-2-methyl-	*	12.800	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	Benzophenone	*	15.300	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	Butane, 2-methoxy-2-methyl-	*	18.200	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	5,6-Dimethyl-1H-benzotriazole	*	18.100	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	Indane	*	330.000	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	Indane-5-carboxylic acid	*	100.000	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	Naphthalene, 1,3-dimethyl-	*	23.300	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	Naphthalene, 2,6-dimethyl-	*	21.600	J	0	0	ug/L
Q2936-02	MW-19B-082125	WATER	1-Methylnaphthalene	*	290.000	J	0.73	5.6	ug/L
			Total Tics :		**1,226.40**				
			Total Concentration:		**3,077.80**				
Client ID : MW-19B-082125DL									

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Hit Summary Sheet
SW-846

SDG No.: Q2936

Client: AECOM

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Q2936-02DL	MW-19B-082125DL	WATER	2,4-Dimethylphenol	54.500	JD	41.1	110	ug/L
Q2936-02DL	MW-19B-082125DL	WATER	Naphthalene	4,100.000	ED	11.1	110	ug/L
Q2936-02DL	MW-19B-082125DL	WATER	2-Methylnaphthalene	200.000	D	12.4	110	ug/L
Q2936-02DL	MW-19B-082125DL	WATER	Acenaphthene	140.000	D	12.2	110	ug/L
			Total Svoc :	**4,494.50**				
			Total Concentration:	**4,494.50**				
Client ID :	**MW-19B-082125DL2**							
Q2936-02DL2	MW-19B-082125DL2	WATER	Naphthalene	4,400.000	D	55.6	560	ug/L
			Total Svoc :	**4,400.00**				
			Total Concentration:	**4,400.00**				
Client ID :	**MW-19C-082125**							
Q2936-03	MW-19C-082125	WATER	2-Pentanone, 4-hydroxy-4-methyl *	6.900	AB	0	0	ug/L
			Total Tics :	**6.90**				
			Total Concentration:	**6.90**				
Client ID :	**FB-02-082125**							
Q2936-04	FB-02-082125	WATER	Acetophenone	2.900	J	0.78	5.3	ug/L
Q2936-04	FB-02-082125	WATER	Diethylphthalate	2.600	J	0.73	5.3	ug/L
			Total Svoc :	**5.50**				
Q2936-04	FB-02-082125	WATER	2-Pentanone, 4-hydroxy-4-methyl *	5.000	AB	0	0	ug/L
Q2936-04	FB-02-082125	WATER	2-Propanol, 1-(2-butoxy-1-methyl *	6.100	J	0	0	ug/L
Q2936-04	FB-02-082125	WATER	2-Propanol, 1-(2-methoxypropoxy *	30.400	J	0	0	ug/L
Q2936-04	FB-02-082125	WATER	2-Propanol, 1-[1-methyl-2-(2-prop *	5.900	J	0	0	ug/L
Q2936-04	FB-02-082125	WATER	3-Cyclohexene-1-methanol, .alpha *	2.500	J	0	0	ug/L
Q2936-04	FB-02-082125	WATER	7,9-Di-tert-butyl-1-oxaspiro(4,5)d *	6.900	J	0	0	ug/L
Q2936-04	FB-02-082125	WATER	Phenol, 2-methoxy- *	3.400	J	0	0	ug/L
Q2936-04	FB-02-082125	WATER	Tricyclo[4.2.1.1(2,5)]dec-3-en-9-c *	2.500	J	0	0	ug/L
Q2936-04	FB-02-082125	WATER	Acetoxyacetic acid, 3-methylbut-2 *	20.100	J	0	0	ug/L
Q2936-04	FB-02-082125	WATER	Butane, 2-methoxy-2-methyl- *	84.700	J	0	0	ug/L
Q2936-04	FB-02-082125	WATER	cis-10-Nonadecenoic acid *	3.900	J	0	0	ug/L
Q2936-04	FB-02-082125	WATER	Benzyl Alcohol *	5.400	J	1.7	10.5	ug/L
			Total Tics :	**176.80**				
			Total Concentration:	**182.30**				

SAMPLE DATA

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Report of Analysis

Client:	AECOM	Date Collected:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19A-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	850 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
BF143604.D	1	08/22/25 10:34	08/27/25 13:21	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	11.8	U	4.60	11.8	ug/L
108-95-2	Phenol	5.90	U	1.10	5.90	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.90	U	0.95	5.90	ug/L
95-57-8	2-Chlorophenol	5.90	U	0.68	5.90	ug/L
95-48-7	2-Methylphenol	5.90	U	1.30	5.90	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.90	U	1.50	5.90	ug/L
98-86-2	Acetophenone	5.90	U	0.87	5.90	ug/L
65794-96-9	3+4-Methylphenols	11.8	U	1.30	11.8	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.90	U	1.70	2.90	ug/L
67-72-1	Hexachloroethane	5.90	U	0.76	5.90	ug/L
98-95-3	Nitrobenzene	5.90	U	0.89	5.90	ug/L
78-59-1	Isophorone	5.90	U	0.88	5.90	ug/L
88-75-5	2-Nitrophenol	5.90	U	2.10	5.90	ug/L
105-67-9	2,4-Dimethylphenol	5.90	U	2.20	5.90	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.90	U	0.80	5.90	ug/L
120-83-2	2,4-Dichlorophenol	5.90	U	0.61	5.90	ug/L
91-20-3	Naphthalene	5.90	U	0.59	5.90	ug/L
106-47-8	4-Chloroaniline	5.90	U	0.99	5.90	ug/L
87-68-3	Hexachlorobutadiene	5.90	U	0.64	5.90	ug/L
105-60-2	Caprolactam	11.8	U	1.30	11.8	ug/L
59-50-7	4-Chloro-3-methylphenol	5.90	U	0.69	5.90	ug/L
91-57-6	2-Methylnaphthalene	5.90	U	0.66	5.90	ug/L
77-47-4	Hexachlorocyclopentadiene	11.8	U	4.30	11.8	ug/L
88-06-2	2,4,6-Trichlorophenol	5.90	U	0.60	5.90	ug/L
95-95-4	2,4,5-Trichlorophenol	5.90	U	0.73	5.90	ug/L
92-52-4	1,1-Biphenyl	5.90	U	0.62	5.90	ug/L
91-58-7	2-Chloronaphthalene	5.90	U	0.72	5.90	ug/L
88-74-4	2-Nitroaniline	5.90	U	1.50	5.90	ug/L
131-11-3	Dimethylphthalate	5.90	U	0.72	5.90	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19A-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	850 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
BF143604.D	1	08/22/25 10:34	08/27/25 13:21	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.90	U	0.88	5.90	ug/L
606-20-2	2,6-Dinitrotoluene	5.90	U	1.10	5.90	ug/L
99-09-2	3-Nitroaniline	5.90	U	1.20	5.90	ug/L
83-32-9	Acenaphthene	5.90	U	0.65	5.90	ug/L
51-28-5	2,4-Dinitrophenol	11.8	U	7.00	11.8	ug/L
100-02-7	4-Nitrophenol	11.8	U	2.80	11.8	ug/L
132-64-9	Dibenzofuran	5.90	U	0.72	5.90	ug/L
121-14-2	2,4-Dinitrotoluene	5.90	U	1.40	5.90	ug/L
84-66-2	Diethylphthalate	5.90	U	0.81	5.90	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.90	U	0.80	5.90	ug/L
86-73-7	Fluorene	5.90	U	0.74	5.90	ug/L
100-01-6	4-Nitroaniline	5.90	U	1.80	5.90	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	11.8	U	3.40	11.8	ug/L
86-30-6	n-Nitrosodiphenylamine	5.90	U	0.68	5.90	ug/L
101-55-3	4-Bromophenyl-phenylether	5.90	U	0.47	5.90	ug/L
118-74-1	Hexachlorobenzene	5.90	U	0.61	5.90	ug/L
1912-24-9	Atrazine	5.90	U	1.20	5.90	ug/L
87-86-5	Pentachlorophenol	11.8	U	1.90	11.8	ug/L
85-01-8	Phenanthrene	5.90	U	0.59	5.90	ug/L
120-12-7	Anthracene	5.90	U	0.72	5.90	ug/L
86-74-8	Carbazole	5.90	U	0.85	5.90	ug/L
84-74-2	Di-n-butylphthalate	5.90	U	1.40	5.90	ug/L
206-44-0	Fluoranthene	5.90	U	0.96	5.90	ug/L
129-00-0	Pyrene	5.90	U	0.59	5.90	ug/L
85-68-7	Butylbenzylphthalate	5.90	U	2.30	5.90	ug/L
91-94-1	3,3-Dichlorobenzidine	11.8	U	1.10	11.8	ug/L
56-55-3	Benzo(a)anthracene	5.90	U	0.53	5.90	ug/L
218-01-9	Chrysene	5.90	U	0.52	5.90	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.90	U	1.90	5.90	ug/L
117-84-0	Di-n-octyl phthalate	11.8	U	2.80	11.8	ug/L
205-99-2	Benzo(b)fluoranthene	5.90	U	0.58	5.90	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19A-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	850 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
BF143604.D	1	08/22/25 10:34	08/27/25 13:21	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.90	U	0.56	5.90	ug/L
50-32-8	Benzo(a)pyrene	5.90	U	0.65	5.90	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.90	U	0.69	5.90	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.90	U	0.79	5.90	ug/L
191-24-2	Benzo(g,h,i)perylene	5.90	U	0.81	5.90	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.90	U	0.61	5.90	ug/L
123-91-1	1,4-Dioxane	5.90	U	1.20	5.90	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.90	U	0.85	5.90	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	70.2		23 - 138	47%	SPK: 150
13127-88-3	Phenol-d6	46.8		10 - 134	31%	SPK: 150
4165-60-0	Nitrobenzene-d5	109		67 - 132	109%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.1		52 - 132	90%	SPK: 100
118-79-6	2,4,6-Tribromophenol	147		44 - 137	98%	SPK: 150
1718-51-0	Terphenyl-d14	96.0		42 - 152	96%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	108000	6.893			
1146-65-2	Naphthalene-d8	412000	8.169			
15067-26-2	Acenaphthene-d10	225000	9.922			
1517-22-2	Phenanthrene-d10	332000	11.41			
1719-03-5	Chrysene-d12	178000	14.045			
1520-96-3	Perylene-d12	218000	15.521			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.70	AB		5.11	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19A-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	850 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
BF143604.D	1	08/22/25 10:34	08/27/25 13:21	PB169362

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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19B-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	900 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
BP025591.D	1	08/22/25 10:34	08/26/25 18:41	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	11.1	U	4.30	11.1	ug/L
108-95-2	Phenol	19.2		1.00	5.60	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.60	U	0.90	5.60	ug/L
95-57-8	2-Chlorophenol	5.60	U	0.64	5.60	ug/L
95-48-7	2-Methylphenol	5.60	U	1.20	5.60	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.60	U	1.40	5.60	ug/L
98-86-2	Acetophenone	5.60	U	0.82	5.60	ug/L
65794-96-9	3+4-Methylphenols	5.00	J	1.20	11.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.80	U	1.60	2.80	ug/L
67-72-1	Hexachloroethane	5.60	U	0.72	5.60	ug/L
98-95-3	Nitrobenzene	5.60	U	0.84	5.60	ug/L
78-59-1	Isophorone	5.60	U	0.83	5.60	ug/L
88-75-5	2-Nitrophenol	5.60	U	2.00	5.60	ug/L
105-67-9	2,4-Dimethylphenol	67.5		2.10	5.60	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.60	U	0.76	5.60	ug/L
120-83-2	2,4-Dichlorophenol	5.60	U	0.58	5.60	ug/L
91-20-3	Naphthalene	1300	E	0.56	5.60	ug/L
106-47-8	4-Chloroaniline	5.60	U	0.93	5.60	ug/L
87-68-3	Hexachlorobutadiene	5.60	U	0.60	5.60	ug/L
105-60-2	Caprolactam	11.1	U	1.30	11.1	ug/L
59-50-7	4-Chloro-3-methylphenol	5.60	U	0.66	5.60	ug/L
91-57-6	2-Methylnaphthalene	190	E	0.62	5.60	ug/L
77-47-4	Hexachlorocyclopentadiene	11.1	U	4.00	11.1	ug/L
88-06-2	2,4,6-Trichlorophenol	5.60	U	0.57	5.60	ug/L
95-95-4	2,4,5-Trichlorophenol	5.60	U	0.69	5.60	ug/L
92-52-4	1,1-Biphenyl	21.0		0.59	5.60	ug/L
91-58-7	2-Chloronaphthalene	5.60	U	0.68	5.60	ug/L
88-74-4	2-Nitroaniline	5.60	U	1.40	5.60	ug/L
131-11-3	Dimethylphthalate	5.60	U	0.68	5.60	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19B-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	900 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
BP025591.D	1	08/22/25 10:34	08/26/25 18:41	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.60	U	0.83	5.60	ug/L
606-20-2	2,6-Dinitrotoluene	5.60	U	1.00	5.60	ug/L
99-09-2	3-Nitroaniline	5.60	U	1.20	5.60	ug/L
83-32-9	Acenaphthene	130	E	0.61	5.60	ug/L
51-28-5	2,4-Dinitrophenol	11.1	U	6.60	11.1	ug/L
100-02-7	4-Nitrophenol	11.1	U	2.60	11.1	ug/L
132-64-9	Dibenzofuran	31.8		0.68	5.60	ug/L
121-14-2	2,4-Dinitrotoluene	5.60	U	1.40	5.60	ug/L
84-66-2	Diethylphthalate	5.60	U	0.77	5.60	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.60	U	0.76	5.60	ug/L
86-73-7	Fluorene	40.1		0.70	5.60	ug/L
100-01-6	4-Nitroaniline	5.60	U	1.70	5.60	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	11.1	U	3.20	11.1	ug/L
86-30-6	n-Nitrosodiphenylamine	5.60	U	0.64	5.60	ug/L
101-55-3	4-Bromophenyl-phenylether	5.60	U	0.44	5.60	ug/L
118-74-1	Hexachlorobenzene	5.60	U	0.58	5.60	ug/L
1912-24-9	Atrazine	5.60	U	1.10	5.60	ug/L
87-86-5	Pentachlorophenol	11.1	U	1.80	11.1	ug/L
85-01-8	Phenanthrene	23.8		0.56	5.60	ug/L
120-12-7	Anthracene	5.60	U	0.68	5.60	ug/L
86-74-8	Carbazole	23.0		0.80	5.60	ug/L
84-74-2	Di-n-butylphthalate	5.60	U	1.40	5.60	ug/L
206-44-0	Fluoranthene	5.60	U	0.91	5.60	ug/L
129-00-0	Pyrene	5.60	U	0.56	5.60	ug/L
85-68-7	Butylbenzylphthalate	5.60	U	2.10	5.60	ug/L
91-94-1	3,3-Dichlorobenzidine	11.1	U	1.00	11.1	ug/L
56-55-3	Benzo(a)anthracene	5.60	U	0.50	5.60	ug/L
218-01-9	Chrysene	5.60	U	0.49	5.60	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.60	U	1.80	5.60	ug/L
117-84-0	Di-n-octyl phthalate	11.1	U	2.60	11.1	ug/L
205-99-2	Benzo(b)fluoranthene	5.60	U	0.54	5.60	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19B-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	900 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
BP025591.D	1	08/22/25 10:34	08/26/25 18:41	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.60	U	0.53	5.60	ug/L
50-32-8	Benzo(a)pyrene	5.60	U	0.61	5.60	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.60	U	0.66	5.60	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.60	U	0.74	5.60	ug/L
191-24-2	Benzo(g,h,i)perylene	5.60	U	0.77	5.60	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.60	U	0.58	5.60	ug/L
123-91-1	1,4-Dioxane	5.60	U	1.10	5.60	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.60	U	0.80	5.60	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	68.7		23 - 138	46%	SPK: 150
13127-88-3	Phenol-d6	44.5		10 - 134	30%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.1		67 - 132	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.0		52 - 132	74%	SPK: 100
118-79-6	2,4,6-Tribromophenol	134		44 - 137	89%	SPK: 150
1718-51-0	Terphenyl-d14	76.1		42 - 152	76%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	193000	7.778			
1146-65-2	Naphthalene-d8	712000	10.566			
15067-26-2	Acenaphthene-d10	505000	14.395			
1517-22-2	Phenanthrene-d10	979000	17.201			
1719-03-5	Chrysene-d12	1050000	21.642			
1520-96-3	Perylene-d12	1240000	25.024			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	18.2	J		3.03	ug/L
000108-38-3	Benzene, 1,3-dimethyl-	190	J		5.34	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	12.8	J		7.18	ug/L
000496-11-7	Indane	330	J		8.18	ug/L
000275-51-4	Azulene	22.2	J		10.7	ug/L
90-12-0	1-Methylnaphthalene	290	J		12.4	ug/L
000581-42-0	Naphthalene, 2,6-dimethyl-	21.6	J		13.6	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19B-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	900 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
BP025591.D	1	08/22/25 10:34	08/26/25 18:41	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000575-41-7	Naphthalene, 1,3-dimethyl-	23.3	J		13.7	ug/L
000090-15-3	1-Naphthalenol	34.6	J		14.6	ug/L
065898-38-6	Indane-5-carboxylic acid	100	J		15.0	ug/L
004184-79-6	5,6-Dimethyl-1H-benzotriazole	18.1	J		15.3	ug/L
007469-77-4	1-Naphthalenol, 2-methyl-	15.3	J		15.6	ug/L
000119-61-9	Benzophenone	15.3	J		15.8	ug/L
000086-55-5	1-Naphthalenecarboxylic acid	25.6	J		16.2	ug/L
000491-30-5	1(2H)-Isoquinolinone	35.2	J		16.5	ug/L
002721-59-7	2(1H)-Quinolinone, 3-methyl-	13.7	J		16.8	ug/L
000828-51-3	Adamantane-1-carboxylic acid	60.5	J		17.1	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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19B-082125DL	SDG No.:	Q2936
Lab Sample ID:	Q2936-02DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	900 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
BP025604.D	20	08/22/25 10:34	08/27/25 15:41	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	220	UD	86.9	220	ug/L
108-95-2	Phenol	110	UD	20.2	110	ug/L
111-44-4	bis(2-Chloroethyl)ether	110	UD	18.0	110	ug/L
95-57-8	2-Chlorophenol	110	UD	12.9	110	ug/L
95-48-7	2-Methylphenol	110	UD	24.9	110	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	110	UD	28.4	110	ug/L
98-86-2	Acetophenone	110	UD	16.4	110	ug/L
65794-96-9	3+4-Methylphenols	220	UD	24.4	220	ug/L
621-64-7	n-Nitroso-di-n-propylamine	55.6	UD	31.3	55.6	ug/L
67-72-1	Hexachloroethane	110	UD	14.4	110	ug/L
98-95-3	Nitrobenzene	110	UD	16.9	110	ug/L
78-59-1	Isophorone	110	UD	16.7	110	ug/L
88-75-5	2-Nitrophenol	110	UD	39.1	110	ug/L
105-67-9	2,4-Dimethylphenol	54.5	JD	41.1	110	ug/L
111-91-1	bis(2-Chloroethoxy)methane	110	UD	15.1	110	ug/L
120-83-2	2,4-Dichlorophenol	110	UD	11.6	110	ug/L
91-20-3	Naphthalene	4100	ED	11.1	110	ug/L
106-47-8	4-Chloroaniline	110	UD	18.7	110	ug/L
87-68-3	Hexachlorobutadiene	110	UD	12.0	110	ug/L
105-60-2	Caprolactam	220	UD	25.1	220	ug/L
59-50-7	4-Chloro-3-methylphenol	110	UD	13.1	110	ug/L
91-57-6	2-Methylnaphthalene	200	D	12.4	110	ug/L
77-47-4	Hexachlorocyclopentadiene	220	UD	80.7	220	ug/L
88-06-2	2,4,6-Trichlorophenol	110	UD	11.3	110	ug/L
95-95-4	2,4,5-Trichlorophenol	110	UD	13.8	110	ug/L
92-52-4	1,1-Biphenyl	110	UD	11.8	110	ug/L
91-58-7	2-Chloronaphthalene	110	UD	13.6	110	ug/L
88-74-4	2-Nitroaniline	110	UD	28.0	110	ug/L
131-11-3	Dimethylphthalate	110	UD	13.6	110	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19B-082125DL	SDG No.:	Q2936
Lab Sample ID:	Q2936-02DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	900 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
BP025604.D	20	08/22/25 10:34	08/27/25 15:41	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	110	UD	16.7	110	ug/L
606-20-2	2,6-Dinitrotoluene	110	UD	20.4	110	ug/L
99-09-2	3-Nitroaniline	110	UD	23.3	110	ug/L
83-32-9	Acenaphthene	140	D	12.2	110	ug/L
51-28-5	2,4-Dinitrophenol	220	UD	130	220	ug/L
100-02-7	4-Nitrophenol	220	UD	52.9	220	ug/L
132-64-9	Dibenzofuran	110	UD	13.6	110	ug/L
121-14-2	2,4-Dinitrotoluene	110	UD	27.1	110	ug/L
84-66-2	Diethylphthalate	110	UD	15.3	110	ug/L
7005-72-3	4-Chlorophenyl-phenylether	110	UD	15.1	110	ug/L
86-73-7	Fluorene	110	UD	14.0	110	ug/L
100-01-6	4-Nitroaniline	110	UD	33.3	110	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	220	UD	64.0	220	ug/L
86-30-6	n-Nitrosodiphenylamine	110	UD	12.9	110	ug/L
101-55-3	4-Bromophenyl-phenylether	110	UD	8.90	110	ug/L
118-74-1	Hexachlorobenzene	110	UD	11.6	110	ug/L
1912-24-9	Atrazine	110	UD	22.4	110	ug/L
87-86-5	Pentachlorophenol	220	UD	35.1	220	ug/L
85-01-8	Phenanthrene	110	UD	11.1	110	ug/L
120-12-7	Anthracene	110	UD	13.6	110	ug/L
86-74-8	Carbazole	110	UD	16.0	110	ug/L
84-74-2	Di-n-butylphthalate	110	UD	27.1	110	ug/L
206-44-0	Fluoranthene	110	UD	18.2	110	ug/L
129-00-0	Pyrene	110	UD	11.1	110	ug/L
85-68-7	Butylbenzylphthalate	110	UD	42.9	110	ug/L
91-94-1	3,3-Dichlorobenzidine	220	UD	20.7	220	ug/L
56-55-3	Benzo(a)anthracene	110	UD	10.0	110	ug/L
218-01-9	Chrysene	110	UD	9.80	110	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	110	UD	35.6	110	ug/L
117-84-0	Di-n-octyl phthalate	220	UD	52.0	220	ug/L
205-99-2	Benzo(b)fluoranthene	110	UD	10.9	110	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19B-082125DL	SDG No.:	Q2936
Lab Sample ID:	Q2936-02DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	900 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
BP025604.D	20	08/22/25 10:34	08/27/25 15:41	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	110	UD	10.7	110	ug/L
50-32-8	Benzo(a)pyrene	110	UD	12.2	110	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	110	UD	13.1	110	ug/L
53-70-3	Dibenzo(a,h)anthracene	110	UD	14.9	110	ug/L
191-24-2	Benzo(g,h,i)perylene	110	UD	15.3	110	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	110	UD	11.6	110	ug/L
123-91-1	1,4-Dioxane	110	UD	22.2	110	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	110	UD	16.0	110	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	68.0		23 - 138	45%	SPK: 150
13127-88-3	Phenol-d6	39.2		10 - 134	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	70.9		67 - 132	71%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.3		52 - 132	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	127		44 - 137	85%	SPK: 150
1718-51-0	Terphenyl-d14	81.5		42 - 152	81%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	152000	7.772			
1146-65-2	Naphthalene-d8	613000	10.543			
15067-26-2	Acenaphthene-d10	392000	14.389			
1517-22-2	Phenanthrene-d10	798000	17.189			
1719-03-5	Chrysene-d12	899000	21.636			
1520-96-3	Perylene-d12	1040000	25.024			

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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19B-082125DL2	SDG No.:	Q2936
Lab Sample ID:	Q2936-02DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	900 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
BP025605.D	100	08/22/25 10:34	08/27/25 16:22	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	1100	UD	430	1100	ug/L
108-95-2	Phenol	560	UD	100	560	ug/L
111-44-4	bis(2-Chloroethyl)ether	560	UD	90.0	560	ug/L
95-57-8	2-Chlorophenol	560	UD	64.4	560	ug/L
95-48-7	2-Methylphenol	560	UD	120	560	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	560	UD	140	560	ug/L
98-86-2	Acetophenone	560	UD	82.2	560	ug/L
65794-96-9	3+4-Methylphenols	1100	UD	120	1100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	280	UD	160	280	ug/L
67-72-1	Hexachloroethane	560	UD	72.2	560	ug/L
98-95-3	Nitrobenzene	560	UD	84.4	560	ug/L
78-59-1	Isophorone	560	UD	83.3	560	ug/L
88-75-5	2-Nitrophenol	560	UD	200	560	ug/L
105-67-9	2,4-Dimethylphenol	560	UD	210	560	ug/L
111-91-1	bis(2-Chloroethoxy)methane	560	UD	75.6	560	ug/L
120-83-2	2,4-Dichlorophenol	560	UD	57.8	560	ug/L
91-20-3	Naphthalene	4400	D	55.6	560	ug/L
106-47-8	4-Chloroaniline	560	UD	93.3	560	ug/L
87-68-3	Hexachlorobutadiene	560	UD	60.0	560	ug/L
105-60-2	Caprolactam	1100	UD	130	1100	ug/L
59-50-7	4-Chloro-3-methylphenol	560	UD	65.6	560	ug/L
91-57-6	2-Methylnaphthalene	560	UD	62.2	560	ug/L
77-47-4	Hexachlorocyclopentadiene	1100	UD	400	1100	ug/L
88-06-2	2,4,6-Trichlorophenol	560	UD	56.7	560	ug/L
95-95-4	2,4,5-Trichlorophenol	560	UD	68.9	560	ug/L
92-52-4	1,1-Biphenyl	560	UD	58.9	560	ug/L
91-58-7	2-Chloronaphthalene	560	UD	67.8	560	ug/L
88-74-4	2-Nitroaniline	560	UD	140	560	ug/L
131-11-3	Dimethylphthalate	560	UD	67.8	560	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19B-082125DL2	SDG No.:	Q2936
Lab Sample ID:	Q2936-02DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	900 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
BP025605.D	100	08/22/25 10:34	08/27/25 16:22	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	560	UD	83.3	560	ug/L
606-20-2	2,6-Dinitrotoluene	560	UD	100	560	ug/L
99-09-2	3-Nitroaniline	560	UD	120	560	ug/L
83-32-9	Acenaphthene	560	UD	61.1	560	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	560	UD	67.8	560	ug/L
121-14-2	2,4-Dinitrotoluene	560	UD	140	560	ug/L
84-66-2	Diethylphthalate	560	UD	76.7	560	ug/L
7005-72-3	4-Chlorophenyl-phenylether	560	UD	75.6	560	ug/L
86-73-7	Fluorene	560	UD	70.0	560	ug/L
100-01-6	4-Nitroaniline	560	UD	170	560	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1100	UD	320	1100	ug/L
86-30-6	n-Nitrosodiphenylamine	560	UD	64.4	560	ug/L
101-55-3	4-Bromophenyl-phenylether	560	UD	44.4	560	ug/L
118-74-1	Hexachlorobenzene	560	UD	57.8	560	ug/L
1912-24-9	Atrazine	560	UD	110	560	ug/L
87-86-5	Pentachlorophenol	1100	UD	180	1100	ug/L
85-01-8	Phenanthrene	560	UD	55.6	560	ug/L
120-12-7	Anthracene	560	UD	67.8	560	ug/L
86-74-8	Carbazole	560	UD	80.0	560	ug/L
84-74-2	Di-n-butylphthalate	560	UD	140	560	ug/L
206-44-0	Fluoranthene	560	UD	91.1	560	ug/L
129-00-0	Pyrene	560	UD	55.6	560	ug/L
85-68-7	Butylbenzylphthalate	560	UD	210	560	ug/L
91-94-1	3,3-Dichlorobenzidine	1100	UD	100	1100	ug/L
56-55-3	Benzo(a)anthracene	560	UD	50.0	560	ug/L
218-01-9	Chrysene	560	UD	48.9	560	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	560	UD	180	560	ug/L
117-84-0	Di-n-octyl phthalate	1100	UD	260	1100	ug/L
205-99-2	Benzo(b)fluoranthene	560	UD	54.4	560	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19B-082125DL2	SDG No.:	Q2936
Lab Sample ID:	Q2936-02DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	900 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
BP025605.D	100	08/22/25 10:34	08/27/25 16:22	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	560	UD	53.3	560	ug/L
50-32-8	Benzo(a)pyrene	560	UD	61.1	560	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	560	UD	65.6	560	ug/L
53-70-3	Dibenzo(a,h)anthracene	560	UD	74.4	560	ug/L
191-24-2	Benzo(g,h,i)perylene	560	UD	76.7	560	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	560	UD	57.8	560	ug/L
123-91-1	1,4-Dioxane	560	UD	110	560	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	560	UD	80.0	560	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	61.6		23 - 138	41%	SPK: 150
13127-88-3	Phenol-d6	33.7		10 - 134	22%	SPK: 150
4165-60-0	Nitrobenzene-d5	63.8	*	67 - 132	64%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.1		52 - 132	72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	97.7		44 - 137	65%	SPK: 150
1718-51-0	Terphenyl-d14	75.7		42 - 152	76%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	150000	7.778			
1146-65-2	Naphthalene-d8	593000	10.542			
15067-26-2	Acenaphthene-d10	368000	14.395			
1517-22-2	Phenanthrene-d10	754000	17.195			
1719-03-5	Chrysene-d12	896000	21.636			
1520-96-3	Perylene-d12	1050000	25.006			

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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19C-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-03	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
BF143602.D	1	08/22/25 10:34	08/27/25 12:22	PB169362

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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19C-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-03	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
BF143602.D	1	08/22/25 10:34	08/27/25 12:22	PB169362

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	U	2.10	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	10.6	U	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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19C-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-03	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
BF143602.D	1	08/22/25 10:34	08/27/25 12:22	PB169362

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	69.8		23 - 138	47%	SPK: 150
13127-88-3	Phenol-d6	46.2		10 - 134	31%	SPK: 150
4165-60-0	Nitrobenzene-d5	112		67 - 132	112%	SPK: 100
321-60-8	2-Fluorobiphenyl	93.2		52 - 132	93%	SPK: 100
118-79-6	2,4,6-Tribromophenol	151		44 - 137	101%	SPK: 150
1718-51-0	Terphenyl-d14	92.5		42 - 152	93%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	111000	6.892			
1146-65-2	Naphthalene-d8	416000	8.169			
15067-26-2	Acenaphthene-d10	225000	9.922			
1517-22-2	Phenanthrene-d10	333000	11.41			
1719-03-5	Chrysene-d12	189000	14.045			
1520-96-3	Perylene-d12	219000	15.521			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.90	AB		5.11	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19C-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-03	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
BF143602.D	1	08/22/25 10:34	08/27/25 12:22	PB169362

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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	FB-02-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-04	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
BP025551.D	1	08/22/25 10:34	08/22/25 16:17	PB169362

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	2.90	J	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	5.30	U	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	5.30	U	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	5.30	U	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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	FB-02-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-04	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
BP025551.D	1	08/22/25 10:34	08/22/25 16:17	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.30	U	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	5.30	U	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	5.30	U	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	2.60	J	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	0.66	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	5.30	U	0.53	5.30	ug/L
120-12-7	Anthracene	5.30	U	0.64	5.30	ug/L
86-74-8	Carbazole	5.30	U	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	U	2.00	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	10.5	U	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:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	FB-02-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-04	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
BP025551.D	1	08/22/25 10:34	08/22/25 16:17	PB169362

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	62.6		23 - 138	42%	SPK: 150
13127-88-3	Phenol-d6	39.1		10 - 134	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.3		67 - 132	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.1		52 - 132	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	138		44 - 137	92%	SPK: 150
1718-51-0	Terphenyl-d14	80.8		42 - 152	81%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	170000	7.778			
1146-65-2	Naphthalene-d8	707000	10.543			
15067-26-2	Acenaphthene-d10	478000	14.395			
1517-22-2	Phenanthrene-d10	1000000	17.189			
1719-03-5	Chrysene-d12	1030000	21.63			
1520-96-3	Perylene-d12	1170000	25.007			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	84.7	J		3.03	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.00	AB		4.94	ug/L
100-51-6	Benzyl Alcohol	5.40	J		8.01	ug/L
000090-05-1	Phenol, 2-methoxy-	3.40	J		8.86	ug/L
1000355-69-8	Acetoxyacetic acid, 3-methylbut-2-	20.1	J		9.80	ug/L
013429-07-7	2-Propanol, 1-(2-methoxypropoxy)-	30.4	J		10.0	ug/L
007785-53-7	3-Cyclohexene-1-methanol, .alpha.,	2.50	J		10.6	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	FB-02-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-04	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
BP025551.D	1	08/22/25 10:34	08/22/25 16:17	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
055956-25-7	2-Propanol, 1-[1-methyl-2-(2-prope	5.90	J		11.1	ug/L
029911-28-2	2-Propanol, 1-(2-butoxy-1-methylet	6.10	J		11.1	ug/L
070220-93-8	Tricyclo[4.2.1.1(2,5)]dec-3-en-9-o	2.50	J		13.6	ug/L
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	6.90	J		17.9	ug/L
073033-09-7	cis-10-Nonadecenoic acid	3.90	J		19.3	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

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q2936

Client: AECOM

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169362BL	PB169362BL	2-Fluorophenol	150	125	83		23	138
		Phenol-d6	150	120	80		10	134
		Nitrobenzene-d5	100	75.8	76		67	132
		2-Fluorobiphenyl	100	73.3	73		52	132
		2,4,6-Tribromophenol	150	123	82		44	137
		Terphenyl-d14	100	70.1	70		42	152
PB169362BS	PB169362BS	2-Fluorophenol	150	116	77		23	138
		Phenol-d6	150	113	75		10	134
		Nitrobenzene-d5	100	72.1	72		67	132
		2-Fluorobiphenyl	100	70.9	71		52	132
		2,4,6-Tribromophenol	150	119	80		44	137
		Terphenyl-d14	100	75.5	75		42	152
Q2924-03MS	MW-201-082025MS	2-Fluorophenol	150	67.6	45		23	138
		Phenol-d6	150	41.4	28		10	134
		Nitrobenzene-d5	100	148	148	*	67	132
		2-Fluorobiphenyl	100	79.6	80		52	132
		2,4,6-Tribromophenol	150	138	92		44	137
		Terphenyl-d14	100	76.9	77		42	152
Q2924-04MSD	MW-201-082025MSD	2-Fluorophenol	150	67.4	45		23	138
		Phenol-d6	150	41.4	28		10	134
		Nitrobenzene-d5	100	149	149	*	67	132
		2-Fluorobiphenyl	100	78.1	78		52	132
		2,4,6-Tribromophenol	150	135	90		44	137
		Terphenyl-d14	100	76.2	76		42	152
Q2936-01	MW-19A-082125	2-Fluorophenol	150	70.2	47		23	138
		Phenol-d6	150	46.8	31		10	134
		Nitrobenzene-d5	100	109	109		67	132
		2-Fluorobiphenyl	100	90.1	90		52	132
		2,4,6-Tribromophenol	150	147	98		44	137
		Terphenyl-d14	100	96.0	96		42	152
Q2936-02	MW-19B-082125	2-Fluorophenol	150	68.7	46		23	138
		Phenol-d6	150	44.5	30		10	134
		Nitrobenzene-d5	100	84.1	84		67	132
		2-Fluorobiphenyl	100	74.0	74		52	132
		2,4,6-Tribromophenol	150	134	89		44	137
		Terphenyl-d14	100	76.1	76		42	152
Q2936-02DL	MW-19B-082125DL	2-Fluorophenol	150	68.0	45		23	138
		Phenol-d6	150	39.2	26		10	134
		Nitrobenzene-d5	100	70.9	71		67	132
		2-Fluorobiphenyl	100	78.3	78		52	132
		2,4,6-Tribromophenol	150	127	85		44	137
		Terphenyl-d14	100	81.5	81		42	152
Q2936-02DL2	MW-19B-082125DL2	2-Fluorophenol	150	61.6	41		23	138
		Phenol-d6	150	33.7	22		10	134
		Nitrobenzene-d5	100	63.8	64	*	67	132
		2-Fluorobiphenyl	100	72.1	72		52	132
		2,4,6-Tribromophenol	150	97.7	65		44	137
		Terphenyl-d14	100	75.7	76		42	152
Q2936-03	MW-19C-082125	2-Fluorophenol	150	69.8	47		23	138
		Phenol-d6	150	46.2	31		10	134
		Nitrobenzene-d5	100	112	112		67	132

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Surrogate Summary

SW-846

SDG No.: Q2936

Client: AECOM

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2936-03	MW-19C-082125	2-Fluorobiphenyl	100	93.2	93		52	132
		2,4,6-Tribromophenol	150	151	101		44	137
		Terphenyl-d14	100	92.5	93		42	152
Q2936-04	FB-02-082125	2-Fluorophenol	150	62.6	42		23	138
		Phenol-d6	150	39.1	26		10	134
		Nitrobenzene-d5	100	82.3	82		67	132
		2-Fluorobiphenyl	100	76.1	76		52	132
		2,4,6-Tribromophenol	150	138	92		44	137
		Terphenyl-d14	100	80.8	81		42	152

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2936 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BP025602.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2924-03MS		**Client Sample ID: MW-201-082025MS**									
Benzaldehyde	51.5	0	38.4	ug/L	75				10	137	
Phenol	51.5	0	16.0	ug/L	31				10	130	
bis(2-Chloroethyl)ether	51.5	0	44.3	ug/L	86				29	141	
2-Chlorophenol	51.5	0	39.6	ug/L	77				23	127	
2-Methylphenol	51.5	0	33.8	ug/L	66				60	131	
2,2-oxybis(1-Chloropropane)	51.5	0	17.1	ug/L	33	*			36	141	
Acetophenone	51.5	0	87.5	ug/L	170	*			31	164	
3+4-Methylphenols	51.5	10.0	40.9	ug/L	60				54	136	
N-Nitroso-di-n-propylamine	51.5	0	42.2	ug/L	82				36	147	
Hexachloroethane	51.5	0	93.2	ug/L	181	*			19	146	
Nitrobenzene	51.5	0	85.8	ug/L	167	*			62	112	
Isophorone	51.5	0	81.7	ug/L	159	*			39	146	
2-Nitrophenol	51.5	0	86.6	ug/L	168	*			30	148	
2,4-Dimethylphenol	51.5	0	75.6	ug/L	147	*			17	143	
bis(2-Chloroethoxy)methane	51.5	0	70.3	ug/L	137				39	143	
2,4-Dichlorophenol	51.5	0	80.6	ug/L	157	*			22	146	
Naphthalene	51.5	3100	2700	ug/L	-777	*			17	157	
4-Chloroaniline	51.5	0	28.5	ug/L	55				10	95	
Hexachlorobutadiene	51.5	0	71.5	ug/L	139	*			52	125	
Caprolactam	51.5	0	16.7	ug/L	32				10	130	
4-Chloro-3-methylphenol	51.5	0	76.5	ug/L	149	*			17	148	
2-Methylnaphthalene	51.5	920	800	ug/L	-233	*			38	146	
Hexachlorocyclopentadiene	100	0	79.7	ug/L	80				20	153	
2,4,6-Trichlorophenol	51.5	0	50.2	ug/L	97				78	112	
2,4,5-Trichlorophenol	51.5	0	49.4	ug/L	96				71	111	
1,1-Biphenyl	51.5	26.0	69.6	ug/L	85				38	154	
2-Chloronaphthalene	51.5	0	48.9	ug/L	95				41	145	
2-Nitroaniline	51.5	0	54.1	ug/L	105				39	151	
Dimethylphthalate	51.5	0	48.7	ug/L	95				42	147	
Acenaphthylene	51.5	160	190	ug/L	58				40	141	
2,6-Dinitrotoluene	51.5	0	51.4	ug/L	100				43	148	
3-Nitroaniline	51.5	0	31.7	ug/L	62				10	111	
Acenaphthene	51.5	8.70	54.7	ug/L	89				37	146	
2,4-Dinitrophenol	100	0	120	ug/L	120				14	167	
4-Nitrophenol	100	0	42.0	ug/L	42				10	130	
Dibenzofuran	51.5	4.00	51.3	ug/L	92				41	145	
2,4-Dinitrotoluene	51.5	0	53.3	ug/L	103				74	137	
Diethylphthalate	51.5	2.10	50.3	ug/L	94				41	148	
4-Chlorophenyl-phenylether	51.5	0	48.5	ug/L	94				38	149	
Fluorene	51.5	27.4	67.1	ug/L	77				39	144	
4-Nitroaniline	51.5	0	48.5	ug/L	94				27	138	
4,6-Dinitro-2-methylphenol	51.5	0	55.1	ug/L	107				32	175	
N-Nitrosodiphenylamine	51.5	0	51.1	ug/L	99				40	150	
4-Bromophenyl-phenylether	51.5	0	51.5	ug/L	100				42	151	
Hexachlorobenzene	51.5	0	52.5	ug/L	102				72	115	
Atrazine	51.5	0	47.8	ug/L	93				20	162	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2936 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BP025602.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	100	0	110	ug/L	110				52	162	
Phenanthrene	51.5	29.6	65.4	ug/L	70				40	147	
Anthracene	51.5	6.10	53.4	ug/L	92				41	146	
Carbazole	51.5	13.8	61.7	ug/L	93				37	154	
Di-n-butylphthalate	51.5	2.70	51.3	ug/L	94				40	151	
Fluoranthene	51.5	2.30	51.0	ug/L	95				42	146	
Pyrene	51.5	3.00	50.5	ug/L	92				41	149	
Butylbenzylphthalate	51.5	0	51.2	ug/L	99				39	155	
3,3-Dichlorobenzidine	51.5	0	41.5	ug/L	81				10	114	
Benzo(a)anthracene	51.5	0	49.5	ug/L	96				41	147	
Chrysene	51.5	0	50.0	ug/L	97				44	144	
bis(2-Ethylhexyl)phthalate	51.5	0	48.4	ug/L	94				33	160	
Di-n-octyl phthalate	51.5	0	51.0	ug/L	99				36	158	
Benzo(b)fluoranthene	51.5	0	50.0	ug/L	97				40	150	
Benzo(k)fluoranthene	51.5	0	49.1	ug/L	95				40	147	
Benzo(a)pyrene	51.5	0	49.3	ug/L	96				42	147	
Indeno(1,2,3-cd)pyrene	51.5	0	50.1	ug/L	97				30	166	
Dibenz(a,h)anthracene	51.5	0	51.0	ug/L	99				23	172	
Benzo(g,h,i)perylene	51.5	0	50.2	ug/L	97				27	167	
1,2,4,5-Tetrachlorobenzene	51.5	0	50.1	ug/L	97				89	102	
1,4-Dioxane	51.5	0	21.2	ug/L	41				38	130	
2,3,4,6-Tetrachlorophenol	51.5	0	51.1	ug/L	99				91	111	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2936 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BP025603.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2924-04MSD		**Client Sample ID: MW-201-082025MSD**									
Benzaldehyde	52.6	0	37.7	ug/L	72		4		10	137	20
Phenol	52.6	0	16.4	ug/L	31		0		10	130	20
bis(2-Chloroethyl)ether	52.6	0	44.2	ug/L	84		2		29	141	20
2-Chlorophenol	52.6	0	39.6	ug/L	75		3		23	127	20
2-Methylphenol	52.6	0	34.5	ug/L	66		0		60	131	20
2,2-oxybis(1-Chloropropane)	52.6	0	18.4	ug/L	35	*	6		36	141	20
Acetophenone	52.6	0	90.6	ug/L	172	*	1		31	164	20
3+4-Methylphenols	52.6	10.0	41.7	ug/L	60		0		54	136	20
N-Nitroso-di-n-propylamine	52.6	0	43.2	ug/L	82		0		36	147	20
Hexachloroethane	52.6	0	96.9	ug/L	184	*	2		19	146	20
Nitrobenzene	52.6	0	89.1	ug/L	169	*	1		62	112	20
Isophorone	52.6	0	85.0	ug/L	162	*	2		39	146	20
2-Nitrophenol	52.6	0	90.4	ug/L	172	*	2		30	148	20
2,4-Dimethylphenol	52.6	0	78.4	ug/L	149	*	1		17	143	20
bis(2-Chloroethoxy)methane	52.6	0	75.2	ug/L	143		4		39	143	20
2,4-Dichlorophenol	52.6	0	85.1	ug/L	162	*	3		22	146	20
Naphthalene	52.6	3100	3000	ug/L	-190	*	121	*	17	157	20
4-Chloroaniline	52.6	0	31.3	ug/L	60		9		10	95	20
Hexachlorobutadiene	52.6	0	74.8	ug/L	142	*	2		52	125	20
Caprolactam	52.6	0	17.0	ug/L	32		0		10	130	20
4-Chloro-3-methylphenol	52.6	0	79.4	ug/L	151	*	1		17	148	20
2-Methylnaphthalene	52.6	920	850	ug/L	-133	*	55	*	38	146	20
Hexachlorocyclopentadiene	110	0	76.9	ug/L	70		13		20	153	20
2,4,6-Trichlorophenol	52.6	0	50.2	ug/L	95		2		78	112	20
2,4,5-Trichlorophenol	52.6	0	49.9	ug/L	95		1		71	111	20
1,1-Biphenyl	52.6	26.0	70.0	ug/L	84		1		38	154	20
2-Chloronaphthalene	52.6	0	48.9	ug/L	93		2		41	145	20
2-Nitroaniline	52.6	0	53.9	ug/L	102		3		39	151	20
Dimethylphthalate	52.6	0	47.8	ug/L	91		4		42	147	20
Acenaphthylene	52.6	160	190	ug/L	57		2		40	141	20
2,6-Dinitrotoluene	52.6	0	51.3	ug/L	98		2		43	148	20
3-Nitroaniline	52.6	0	32.4	ug/L	62		0		10	111	20
Acenaphthene	52.6	8.70	53.5	ug/L	85		5		37	146	20
2,4-Dinitrophenol	110	0	120	ug/L	109		10		14	167	20
4-Nitrophenol	110	0	42.7	ug/L	39		7		10	130	20
Dibenzofuran	52.6	4.00	51.2	ug/L	90		2		41	145	20
2,4-Dinitrotoluene	52.6	0	52.5	ug/L	100		3		74	137	20
Diethylphthalate	52.6	2.10	48.9	ug/L	89		5		41	148	20
4-Chlorophenyl-phenylether	52.6	0	48.5	ug/L	92		2		38	149	20
Fluorene	52.6	27.4	68.0	ug/L	77		0		39	144	20
4-Nitroaniline	52.6	0	49.4	ug/L	94		0		27	138	20
4,6-Dinitro-2-methylphenol	52.6	0	55.7	ug/L	106		1		32	175	20
N-Nitrosodiphenylamine	52.6	0	50.5	ug/L	96		3		40	150	20
4-Bromophenyl-phenylether	52.6	0	52.0	ug/L	99		1		42	151	20
Hexachlorobenzene	52.6	0	52.3	ug/L	99		3		72	115	20
Atrazine	52.6	0	48.5	ug/L	92		1		20	162	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2936 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BP025603.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	110	0	110	ug/L	100		10		52	162	20
Phenanthrene	52.6	29.6	67.2	ug/L	71		1		40	147	20
Anthracene	52.6	6.10	53.2	ug/L	90		2		41	146	20
Carbazole	52.6	13.8	63.5	ug/L	94		1		37	154	20
Di-n-butylphthalate	52.6	2.70	52.6	ug/L	95		1		40	151	20
Fluoranthene	52.6	2.30	51.6	ug/L	94		1		42	146	20
Pyrene	52.6	3.00	50.1	ug/L	90		2		41	149	20
Butylbenzylphthalate	52.6	0	52.0	ug/L	99		0		39	155	20
3,3-Dichlorobenzidine	52.6	0	43.4	ug/L	83		2		10	114	20
Benzo(a)anthracene	52.6	0	49.9	ug/L	95		1		41	147	20
Chrysene	52.6	0	51.2	ug/L	97		0		44	144	20
bis(2-Ethylhexyl)phthalate	52.6	0	49.7	ug/L	94		0		33	160	20
Di-n-octyl phthalate	52.6	0	52.0	ug/L	99		0		36	158	20
Benzo(b)fluoranthene	52.6	0	50.4	ug/L	96		1		40	150	20
Benzo(k)fluoranthene	52.6	0	49.6	ug/L	94		1		40	147	20
Benzo(a)pyrene	52.6	0	49.8	ug/L	95		1		42	147	20
Indeno(1,2,3-cd)pyrene	52.6	0	50.9	ug/L	97		0		30	166	20
Dibenz(a,h)anthracene	52.6	0	51.6	ug/L	98		1		23	172	20
Benzo(g,h,i)perylene	52.6	0	50.6	ug/L	96		1		27	167	20
1,2,4,5-Tetrachlorobenzene	52.6	0	49.8	ug/L	95		2		89	102	20
1,4-Dioxane	52.6	0	21.8	ug/L	41		0		38	130	20
2,3,4,6-Tetrachlorophenol	52.6	0	50.6	ug/L	96		3		91	111	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2936 **Analytical Method:** 8270E

Client: AECOM **DataFile:** BP025581.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169362BS	Benzaldehyde	50	22.9	ug/L	46				10	162	
	Phenol	50	41.7	ug/L	83				66	118	
	bis(2-Chloroethyl)ether	50	40.1	ug/L	80				62	103	
	2-Chlorophenol	50	41.6	ug/L	83				70	117	
	2-Methylphenol	50	41.0	ug/L	82				69	109	
	2,2-oxybis(1-Chloropropane)	50	39.7	ug/L	79				65	100	
	Acetophenone	50	39.8	ug/L	80				60	104	
	3+4-Methylphenols	50	39.8	ug/L	80				67	106	
	N-Nitroso-di-n-propylamine	50	36.5	ug/L	73				57	107	
	Hexachloroethane	50	40.3	ug/L	81				76	118	
	Nitrobenzene	50	41.1	ug/L	82				58	106	
	Isophorone	50	39.2	ug/L	78				61	102	
	2-Nitrophenol	50	42.7	ug/L	85				70	115	
	2,4-Dimethylphenol	50	42.3	ug/L	85				42	142	
	bis(2-Chloroethoxy)methane	50	40.1	ug/L	80				58	109	
	2,4-Dichlorophenol	50	43.3	ug/L	87				66	115	
	Naphthalene	50	39.7	ug/L	79				64	107	
	4-Chloroaniline	50	23.9	ug/L	48				10	85	
	Hexachlorobutadiene	50	40.8	ug/L	82				69	101	
	Caprolactam	50	39.6	ug/L	79				58	128	
	4-Chloro-3-methylphenol	50	42.3	ug/L	85				65	114	
	2-Methylnaphthalene	50	39.4	ug/L	79				64	107	
	Hexachlorocyclopentadiene	100	81.0	ug/L	81				36	160	
	2,4,6-Trichlorophenol	50	44.1	ug/L	88				61	110	
	2,4,5-Trichlorophenol	50	44.6	ug/L	89				70	106	
	1,1-Biphenyl	50	41.8	ug/L	84				72	98	
	2-Chloronaphthalene	50	40.9	ug/L	82				59	106	
	2-Nitroaniline	50	44.0	ug/L	88				73	114	
	Dimethylphthalate	50	41.0	ug/L	82				64	103	
	Acenaphthylene	50	40.9	ug/L	82				79	103	
	2,6-Dinitrotoluene	50	43.4	ug/L	87				64	110	
	3-Nitroaniline	50	31.2	ug/L	62				28	100	
	Acenaphthene	50	39.5	ug/L	79				59	113	
	2,4-Dinitrophenol	100	100	ug/L	100				36	166	
	4-Nitrophenol	100	82.1	ug/L	82				45	147	
	Dibenzofuran	50	40.2	ug/L	80				65	106	
	2,4-Dinitrotoluene	50	43.7	ug/L	87				60	115	
	Diethylphthalate	50	41.5	ug/L	83				63	105	
	4-Chlorophenyl-phenylether	50	40.1	ug/L	80				61	104	
	Fluorene	50	40.2	ug/L	80				64	107	
	4-Nitroaniline	50	41.1	ug/L	82				55	125	
	4,6-Dinitro-2-methylphenol	50	46.7	ug/L	93				62	132	
	N-Nitrosodiphenylamine	50	42.8	ug/L	86				61	109	
	4-Bromophenyl-phenylether	50	42.2	ug/L	84				73	103	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2936 **Analytical Method:** 8270E

Client: AECOM **DataFile:** BP025581.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169362BS	Hexachlorobenzene	50	42.0	ug/L	84				73	106	
	Atrazine	50	41.7	ug/L	83				76	120	
	Pentachlorophenol	100	86.9	ug/L	87				47	114	
	Phenanthrene	50	40.9	ug/L	82				62	109	
	Anthracene	50	41.4	ug/L	83				65	110	
	Carbazole	50	40.8	ug/L	82				62	106	
	Di-n-butylphthalate	50	41.6	ug/L	83				64	106	
	Fluoranthene	50	40.0	ug/L	80				64	110	
	Pyrene	50	43.4	ug/L	87				71	103	
	Butylbenzylphthalate	50	44.3	ug/L	89				61	105	
	3,3-Dichlorobenzidine	50	31.9	ug/L	64				43	108	
	Benzo(a)anthracene	50	42.2	ug/L	84				62	107	
	Chrysene	50	41.7	ug/L	83				61	108	
	bis(2-Ethylhexyl)phthalate	50	42.7	ug/L	85				59	110	
	Di-n-octyl phthalate	50	43.7	ug/L	87				52	139	
	Benzo(b)fluoranthene	50	41.7	ug/L	83				77	113	
	Benzo(k)fluoranthene	50	41.8	ug/L	84				77	105	
	Benzo(a)pyrene	50	41.6	ug/L	83				72	131	
	Indeno(1,2,3-cd)pyrene	50	41.4	ug/L	83				72	105	
	Dibenz(a,h)anthracene	50	41.8	ug/L	84				78	115	
	Benzo(g,h,i)perylene	50	41.4	ug/L	83				75	118	
	1,2,4,5-Tetrachlorobenzene	50	42.0	ug/L	84				72	101	
	1,4-Dioxane	50	34.9	ug/L	70				38	125	
	2,3,4,6-Tetrachlorophenol	50	43.0	ug/L	86				63	116	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169362BL

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q2936

Lab File ID: BP025562.D | Lab Sample ID: PB169362BL

Instrument ID: BNA_P | Date Extracted: 08/22/2025

Matrix: (soil/water) Water | Date Analyzed: 08/25/2025

Level: (low/med) LOW | Time Analyzed: 12:54

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169362BS	PB169362BS	BP025581.D	08/26/2025
MW-19B-082125	Q2936-02	BP025591.D	08/26/2025
MW-201-082025MS	Q2924-03MS	BP025602.D	08/27/2025
MW-201-082025MSD	Q2924-04MSD	BP025603.D	08/27/2025
MW-19A-082125	Q2936-01	BF143604.D	08/27/2025
MW-19C-082125	Q2936-03	BF143602.D	08/27/2025
FB-02-082125	Q2936-04	BP025551.D	08/22/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q2936

Lab File ID: BF143584.D | DFTPP Injection Date: 08/26/2025

Instrument ID: BNA_F | DFTPP Injection Time: 08:36

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.7 (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	6.7
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	87.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	16.5 (17.9) 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	BF143585.D	08/26/2025	09:11
SSTDICC005	SSTDICC005	BF143586.D	08/26/2025	09:39
SSTDICC010	SSTDICC010	BF143587.D	08/26/2025	10:08
SSTDICC020	SSTDICC020	BF143588.D	08/26/2025	10:37
SSTDICCC040	SSTDICCC040	BF143589.D	08/26/2025	11:06
SSTDICC050	SSTDICC050	BF143590.D	08/26/2025	11:35
SSTDICC060	SSTDICC060	BF143591.D	08/26/2025	12:03
SSTDICC080	SSTDICC080	BF143592.D	08/26/2025	12:32

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2936

Lab File ID: BF143595.D DFTPP Injection Date: 08/27/2025

Instrument ID: BNA_F DFTPP Injection Time: 08:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.6) 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	6.6
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	83.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 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	BF143596.D	08/27/2025	09:16
MW-19C-082125	Q2936-03	BF143602.D	08/27/2025	12:22
MW-19A-082125	Q2936-01	BF143604.D	08/27/2025	13:21

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2936

Lab File ID: BP025390.D DFTPP Injection Date: 08/14/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.4) 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	4.4
441	Present, but less than mass 443	81.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 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	BP025392.D	08/14/2025	12:33
SSTDICC005	SSTDICC005	BP025393.D	08/14/2025	13:15
SSTDICC010	SSTDICC010	BP025394.D	08/14/2025	13:56
SSTDICC020	SSTDICC020	BP025395.D	08/14/2025	14:38
SSTDICCC040	SSTDICCC040	BP025396.D	08/14/2025	15:19
SSTDICC050	SSTDICC050	BP025397.D	08/14/2025	16:01
SSTDICC060	SSTDICC060	BP025398.D	08/14/2025	16:42
SSTDICC080	SSTDICC080	BP025399.D	08/14/2025	17:24

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2936

Lab File ID: BP025543.D DFTPP Injection Date: 08/22/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:08

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.2
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	78.6
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	BP025544.D	08/22/2025	10:49
FB-02-082125	Q2936-04	BP025551.D	08/22/2025	16:17

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2936

Lab File ID: BP025560.D DFTPP Injection Date: 08/25/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.3) 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	6.6
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	80.8
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
SSTDCCC040	SSTDCCC040	BP025561.D	08/25/2025	12:13
PB169362BL	PB169362BL	BP025562.D	08/25/2025	12:54

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2936

Lab File ID: BP025578.D DFTPP Injection Date: 08/26/2025

Instrument ID: BNA_P DFTPP Injection Time: 08:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 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	6.8
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	78.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 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	BP025579.D	08/26/2025	10:21
PB169362BS	PB169362BS	BP025581.D	08/26/2025	11:44
MW-19B-082125	Q2936-02	BP025591.D	08/26/2025	18:41

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2936

Lab File ID: BP025595.D DFTPP Injection Date: 08/27/2025

Instrument ID: BNA_P DFTPP Injection Time: 08:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 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	6.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	79.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 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	BP025596.D	08/27/2025	09:39
MW-201-082025MS	Q2924-03MS	BP025602.D	08/27/2025	14:18
MW-201-082025MSD	Q2924-04MSD	BP025603.D	08/27/2025	15:00
MW-19B-082125DL	Q2936-02DL	BP025604.D	08/27/2025	15:41
MW-19B-082125DL2	Q2936-02DL2	BP025605.D	08/27/2025	16:22

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2936

Client ID : SSTDCCC040 Date Analyzed: 08/27/2025

Lab File ID: BF143596.D Time Analyzed: 09:16

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	115923	6.893	446099	8.18	249607	9.93
	UPPER LIMIT	231846	7.393	892198	8.675	499214	10.428
	LOWER LIMIT	57961.5	6.393	223050	7.675	124804	9.428
	EPA SAMPLE NO.						
01	MW-19A-082125	107569	6.89	412157	8.17	224876	9.92
02	MW-19C-082125	111346	6.89	415970	8.17	225098	9.92

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.: Q2936

Client ID: SSTDCCC040 Date Analyzed: 08/27/2025

Lab File ID: BF143596.D Time Analyzed: 09:16

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	402587	11.416	235836	14.051	227679	15.521
	UPPER LIMIT	805174	11.916	471672	14.551	455358	16.021
	LOWER LIMIT	201294	10.916	117918	13.551	113840	15.021
	EPA SAMPLE NO.						
01	MW-19A-082125	331918	11.41	178027	14.05	217699	15.52
02	MW-19C-082125	332669	11.41	188945	14.05	218770	15.52

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.: Q2936

Client ID : SSTDCCC040 Date Analyzed: 08/22/2025

Lab File ID: BP025544.D Time Analyzed: 10:49

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	137158	7.778	591885	10.55	400784	14.39
	UPPER LIMIT	274316	8.278	1183770	11.048	801568	14.889
	LOWER LIMIT	68579	7.278	295943	10.048	200392	13.889
	EPA SAMPLE NO.						
01	FB-02-082125	170389	7.78	707219	10.54	478193	14.40

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.: Q2936

Client ID: SSTDCCC040 Date Analyzed: 08/22/2025

Lab File ID: BP025544.D Time Analyzed: 10:49

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	833863	17.189	897419	21.624	1034530	24.989
	UPPER LIMIT	1667730	17.689	1794840	22.124	2069060	25.489
	LOWER LIMIT	416932	16.689	448710	21.124	517265	24.489
	EPA SAMPLE NO.						
01	FB-02-082125	1003190	17.19	1028640	21.63	1166720	25.01

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.: Q2936

Client ID : SSTDCCC040 Date Analyzed: 08/25/2025

Lab File ID: BP025561.D Time Analyzed: 12:13

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	176050	7.766	715069	10.54	441846	14.39
	UPPER LIMIT	352100	8.266	1430140	11.037	883692	14.89
	LOWER LIMIT	88025	7.266	357535	10.037	220923	13.89
	EPA SAMPLE NO.						
01	PB169362BL	173347	7.78	665603	10.54	424932	14.39

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.: Q2936

Client ID: SSTDCCC040 Date Analyzed: 08/25/2025

Lab File ID: BP025561.D Time Analyzed: 12:13

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	900532	17.189	945335	21.63	1072630	25.001
	UPPER LIMIT	1801060	17.689	1890670	22.13	2145260	25.501
	LOWER LIMIT	450266	16.689	472668	21.13	536315	24.501
	EPA SAMPLE NO.						
01	PB169362BL	890876	17.19	1139400	21.63	1287990	25.00

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.: Q2936

Client ID : SSTDCCC040 Date Analyzed: 08/26/2025

Lab File ID: BP025579.D Time Analyzed: 10:21

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	235051	7.778	932609	10.55	572065	14.39
	UPPER LIMIT	470102	8.278	1865220	11.049	1144130	14.89
	LOWER LIMIT	117526	7.278	466305	10.049	286033	13.89
	EPA SAMPLE NO.						
01	PB169362BS	256194	7.78	1004580	10.55	636349	14.41
02	MW-19B-082125	193167	7.78	711886	10.57	504940	14.40

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.: Q2936

Client ID: SSTDCCC040 Date Analyzed: 08/26/2025

Lab File ID: BP025579.D Time Analyzed: 10:21

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1130980	17.195	1110360	21.636	1292920	24.995
	UPPER LIMIT	2261960	17.695	2220720	22.136	2585840	25.495
	LOWER LIMIT	565490	16.695	555180	21.136	646460	24.495
	EPA SAMPLE NO.						
01	PB169362BS	1239650	17.20	1177570	21.63	1318340	24.99
02	MW-19B-082125	978534	17.20	1047860	21.64	1242890	25.02

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.: Q2936

Client ID : SSTDCCC040 Date Analyzed: 08/27/2025

Lab File ID: BP025596.D Time Analyzed: 09:39

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	161611	7.778	681785	10.54	463868	14.40
	UPPER LIMIT	323222	8.278	1363570	11.043	927736	14.896
	LOWER LIMIT	80805.5	7.278	340893	10.043	231934	13.896
	EPA SAMPLE NO.						
01	MW-19B-082125DL2	149853	7.78	592770	10.54	367926	14.40
02	MW-201-082025MS	177033	7.78	389081	10.57	432672	14.39
03	MW-201-082025MSD	165573	7.78	358938	10.57	417829	14.40
04	MW-19B-082125DL	151725	7.77	613134	10.54	392479	14.39

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.: Q2936

Client ID: SSTDCCC040 Date Analyzed: 08/27/2025

Lab File ID: BP025596.D Time Analyzed: 09:39

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	978179	17.207	1036720	21.642	1177640	25.001
	UPPER LIMIT	1956360	17.707	2073440	22.142	2355280	25.501
	LOWER LIMIT	489090	16.707	518360	21.142	588820	24.501
	EPA SAMPLE NO.						
01	MW-19B-082125DL2	753908	17.20	896138	21.64	1046660	25.01
02	MW-201-082025MS	850262	17.19	903685	21.64	1056320	25.00
03	MW-201-082025MSD	814298	17.20	887974	21.64	1057490	25.01
04	MW-19B-082125DL	797526	17.19	898906	21.64	1044770	25.02

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

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169362BL	SDG No.:	Q2936
Lab Sample ID:	PB169362BL	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
BP025562.D	1	08/22/25 10:34	08/25/25 12:54	PB169362

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:	PB169362BL	SDG No.:	Q2936
Lab Sample ID:	PB169362BL	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
BP025562.D	1	08/22/25 10:34	08/25/25 12:54	PB169362

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:	PB169362BL	SDG No.:	Q2936
Lab Sample ID:	PB169362BL	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
BP025562.D	1	08/22/25 10:34	08/25/25 12:54	PB169362

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	125		23 - 138	83%	SPK: 150
13127-88-3	Phenol-d6	120		10 - 134	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.8		67 - 132	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.3		52 - 132	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	123		44 - 137	82%	SPK: 150
1718-51-0	Terphenyl-d14	70.1		42 - 152	70%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	173000	7.778			
1146-65-2	Naphthalene-d8	666000	10.543			
15067-26-2	Acenaphthene-d10	425000	14.389			
1517-22-2	Phenanthrene-d10	891000	17.189			
1719-03-5	Chrysene-d12	1140000	21.63			
1520-96-3	Perylene-d12	1290000	25.001			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.70	A		4.94	ug/L

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Report of Analysis

Client:	AECOM			Date Collected:	
Project:	National Grid Equity - Brooklyn NY			Date Received:	
Client Sample ID:	PB169362BL			SDG No.:	Q2936
Lab Sample ID:	PB169362BL			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
BP025562.D	1	08/22/25 10:34	08/25/25 12:54	PB169362

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:	PB169362BS	SDG No.:	Q2936
Lab Sample ID:	PB169362BS	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
BP025581.D	1	08/22/25 10:34	08/26/25 11:44	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	22.9		3.90	10.0	ug/L
108-95-2	Phenol	41.7		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	40.1		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	41.6		0.58	5.00	ug/L
95-48-7	2-Methylphenol	41.0		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39.7		1.30	5.00	ug/L
98-86-2	Acetophenone	39.8		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	39.8		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	36.5		1.40	2.50	ug/L
67-72-1	Hexachloroethane	40.3		0.65	5.00	ug/L
98-95-3	Nitrobenzene	41.1		0.76	5.00	ug/L
78-59-1	Isophorone	39.2		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	42.7		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	42.3		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	40.1		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	43.3		0.52	5.00	ug/L
91-20-3	Naphthalene	39.7		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	23.9		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	40.8		0.54	5.00	ug/L
105-60-2	Caprolactam	39.6		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	42.3		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	39.4		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	81.0	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	44.1		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	44.6		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	41.8		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	40.9		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	44.0		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	41.0		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:	PB169362BS	SDG No.:	Q2936
Lab Sample ID:	PB169362BS	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
BP025581.D	1	08/22/25 10:34	08/26/25 11:44	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	40.9		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	43.4		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	31.2		1.10	5.00	ug/L
83-32-9	Acenaphthene	39.5		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	100	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	82.1	E	2.40	10.0	ug/L
132-64-9	Dibenzofuran	40.2		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	43.7		1.20	5.00	ug/L
84-66-2	Diethylphthalate	41.5		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	40.1		0.68	5.00	ug/L
86-73-7	Fluorene	40.2		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	41.1		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	46.7		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	42.8		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	42.2		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	42.0		0.52	5.00	ug/L
1912-24-9	Atrazine	41.7		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	86.9	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	40.9		0.50	5.00	ug/L
120-12-7	Anthracene	41.4		0.61	5.00	ug/L
86-74-8	Carbazole	40.8		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	41.6		1.20	5.00	ug/L
206-44-0	Fluoranthene	40.0		0.82	5.00	ug/L
129-00-0	Pyrene	43.4		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	44.3		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	31.9		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	42.2		0.45	5.00	ug/L
218-01-9	Chrysene	41.7		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	42.7		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	43.7		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	41.7		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:	PB169362BS	SDG No.:	Q2936
Lab Sample ID:	PB169362BS	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
BP025581.D	1	08/22/25 10:34	08/26/25 11:44	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	41.8		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	41.6		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	41.4		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	41.8		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	41.4		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	42.0		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	34.9		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	43.0		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	116		23 - 138	77%	SPK: 150
13127-88-3	Phenol-d6	113		10 - 134	75%	SPK: 150
4165-60-0	Nitrobenzene-d5	72.1		67 - 132	72%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.9		52 - 132	71%	SPK: 100
118-79-6	2,4,6-Tribromophenol	119		44 - 137	80%	SPK: 150
1718-51-0	Terphenyl-d14	75.5		42 - 152	75%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	256000	7.778			
1146-65-2	Naphthalene-d8	1000000	10.549			
15067-26-2	Acenaphthene-d10	636000	14.407			
1517-22-2	Phenanthrene-d10	1240000	17.195			
1719-03-5	Chrysene-d12	1180000	21.63			
1520-96-3	Perylene-d12	1320000	24.989			

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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MS	SDG No.:	Q2936
Lab Sample ID:	Q2924-03MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	970 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
BP025602.D	1	08/22/25 10:34	08/27/25 14:18	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	38.4		4.00	10.3	ug/L
108-95-2	Phenol	16.0		0.94	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.3		0.84	5.20	ug/L
95-57-8	2-Chlorophenol	39.6		0.60	5.20	ug/L
95-48-7	2-Methylphenol	33.8		1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	17.1		1.30	5.20	ug/L
98-86-2	Acetophenone	87.5	E	0.76	5.20	ug/L
65794-96-9	3+4-Methylphenols	40.9		1.10	10.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	42.2		1.50	2.60	ug/L
67-72-1	Hexachloroethane	93.2	E	0.67	5.20	ug/L
98-95-3	Nitrobenzene	85.8	E	0.78	5.20	ug/L
78-59-1	Isophorone	81.7		0.77	5.20	ug/L
88-75-5	2-Nitrophenol	86.6	E	1.80	5.20	ug/L
105-67-9	2,4-Dimethylphenol	75.6		1.90	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	70.3		0.70	5.20	ug/L
120-83-2	2,4-Dichlorophenol	80.6		0.54	5.20	ug/L
91-20-3	Naphthalene	2700	E	0.52	5.20	ug/L
106-47-8	4-Chloroaniline	28.5		0.87	5.20	ug/L
87-68-3	Hexachlorobutadiene	71.5		0.56	5.20	ug/L
105-60-2	Caprolactam	16.7		1.20	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	76.5		0.61	5.20	ug/L
91-57-6	2-Methylnaphthalene	800	E	0.58	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	79.7		3.70	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	50.2		0.53	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	49.4		0.64	5.20	ug/L
92-52-4	1,1-Biphenyl	69.6		0.55	5.20	ug/L
91-58-7	2-Chloronaphthalene	48.9		0.63	5.20	ug/L
88-74-4	2-Nitroaniline	54.1		1.30	5.20	ug/L
131-11-3	Dimethylphthalate	48.7		0.63	5.20	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MS	SDG No.:	Q2936
Lab Sample ID:	Q2924-03MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	970 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
BP025602.D	1	08/22/25 10:34	08/27/25 14:18	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	190	E	0.77	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	51.4		0.95	5.20	ug/L
99-09-2	3-Nitroaniline	31.7		1.10	5.20	ug/L
83-32-9	Acenaphthene	54.7		0.57	5.20	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.20	10.3	ug/L
100-02-7	4-Nitrophenol	42.0		2.50	10.3	ug/L
132-64-9	Dibenzofuran	51.3		0.63	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	53.3		1.30	5.20	ug/L
84-66-2	Diethylphthalate	50.3		0.71	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.5		0.70	5.20	ug/L
86-73-7	Fluorene	67.1		0.65	5.20	ug/L
100-01-6	4-Nitroaniline	48.5		1.50	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	55.1		3.00	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	51.1		0.60	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	51.5		0.41	5.20	ug/L
118-74-1	Hexachlorobenzene	52.5		0.54	5.20	ug/L
1912-24-9	Atrazine	47.8		1.00	5.20	ug/L
87-86-5	Pentachlorophenol	110	E	1.60	10.3	ug/L
85-01-8	Phenanthrene	65.4		0.52	5.20	ug/L
120-12-7	Anthracene	53.4		0.63	5.20	ug/L
86-74-8	Carbazole	61.7		0.74	5.20	ug/L
84-74-2	Di-n-butylphthalate	51.3		1.30	5.20	ug/L
206-44-0	Fluoranthene	51.0		0.85	5.20	ug/L
129-00-0	Pyrene	50.5		0.52	5.20	ug/L
85-68-7	Butylbenzylphthalate	51.2		2.00	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	41.5		0.96	10.3	ug/L
56-55-3	Benzo(a)anthracene	49.5		0.46	5.20	ug/L
218-01-9	Chrysene	50.0		0.45	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	48.4		1.60	5.20	ug/L
117-84-0	Di-n-octyl phthalate	51.0		2.40	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	50.0		0.51	5.20	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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MS	SDG No.:	Q2936
Lab Sample ID:	Q2924-03MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	970 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
BP025602.D	1	08/22/25 10:34	08/27/25 14:18	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	49.1		0.49	5.20	ug/L
50-32-8	Benzo(a)pyrene	49.3		0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.1		0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	51.0		0.69	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	50.2		0.71	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	50.1		0.54	5.20	ug/L
123-91-1	1,4-Dioxane	21.2		1.00	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	51.1		0.74	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	67.6		23 - 138	45%	SPK: 150
13127-88-3	Phenol-d6	41.4		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	148	*	67 - 132	148%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.6		52 - 132	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	138		44 - 137	92%	SPK: 150
1718-51-0	Terphenyl-d14	76.9		42 - 152	77%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	177000	7.784			
1146-65-2	Naphthalene-d8	389000	10.566			
15067-26-2	Acenaphthene-d10	433000	14.389			
1517-22-2	Phenanthrene-d10	850000	17.189			
1719-03-5	Chrysene-d12	904000	21.636			
1520-96-3	Perylene-d12	1060000	25.001			

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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MSD	SDG No.:	Q2936
Lab Sample ID:	Q2924-04MSD	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
BP025603.D	1	08/22/25 10:34	08/27/25 15:00	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	37.7		4.10	10.5	ug/L
108-95-2	Phenol	16.4		0.96	5.30	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.2		0.85	5.30	ug/L
95-57-8	2-Chlorophenol	39.6		0.61	5.30	ug/L
95-48-7	2-Methylphenol	34.5		1.20	5.30	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	18.4		1.30	5.30	ug/L
98-86-2	Acetophenone	90.6	E	0.78	5.30	ug/L
65794-96-9	3+4-Methylphenols	41.7		1.20	10.5	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.2		1.50	2.60	ug/L
67-72-1	Hexachloroethane	96.9	E	0.68	5.30	ug/L
98-95-3	Nitrobenzene	89.1	E	0.80	5.30	ug/L
78-59-1	Isophorone	85.0	E	0.79	5.30	ug/L
88-75-5	2-Nitrophenol	90.4	E	1.90	5.30	ug/L
105-67-9	2,4-Dimethylphenol	78.4		1.90	5.30	ug/L
111-91-1	bis(2-Chloroethoxy)methane	75.2		0.72	5.30	ug/L
120-83-2	2,4-Dichlorophenol	85.1	E	0.55	5.30	ug/L
91-20-3	Naphthalene	3000	E	0.53	5.30	ug/L
106-47-8	4-Chloroaniline	31.3		0.88	5.30	ug/L
87-68-3	Hexachlorobutadiene	74.8		0.57	5.30	ug/L
105-60-2	Caprolactam	17.0		1.20	10.5	ug/L
59-50-7	4-Chloro-3-methylphenol	79.4		0.62	5.30	ug/L
91-57-6	2-Methylnaphthalene	850	E	0.59	5.30	ug/L
77-47-4	Hexachlorocyclopentadiene	76.9		3.80	10.5	ug/L
88-06-2	2,4,6-Trichlorophenol	50.2		0.54	5.30	ug/L
95-95-4	2,4,5-Trichlorophenol	49.9		0.65	5.30	ug/L
92-52-4	1,1-Biphenyl	70.0		0.56	5.30	ug/L
91-58-7	2-Chloronaphthalene	48.9		0.64	5.30	ug/L
88-74-4	2-Nitroaniline	53.9		1.30	5.30	ug/L
131-11-3	Dimethylphthalate	47.8		0.64	5.30	ug/L

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Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MSD	SDG No.:	Q2936
Lab Sample ID:	Q2924-04MSD	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
BP025603.D	1	08/22/25 10:34	08/27/25 15:00	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	190	E	0.79	5.30	ug/L
606-20-2	2,6-Dinitrotoluene	51.3		0.97	5.30	ug/L
99-09-2	3-Nitroaniline	32.4		1.10	5.30	ug/L
83-32-9	Acenaphthene	53.5		0.58	5.30	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.30	10.5	ug/L
100-02-7	4-Nitrophenol	42.7		2.50	10.5	ug/L
132-64-9	Dibenzofuran	51.2		0.64	5.30	ug/L
121-14-2	2,4-Dinitrotoluene	52.5		1.30	5.30	ug/L
84-66-2	Diethylphthalate	48.9		0.73	5.30	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.5		0.72	5.30	ug/L
86-73-7	Fluorene	68.0		0.66	5.30	ug/L
100-01-6	4-Nitroaniline	49.4		1.60	5.30	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	55.7		3.00	10.5	ug/L
86-30-6	n-Nitrosodiphenylamine	50.5		0.61	5.30	ug/L
101-55-3	4-Bromophenyl-phenylether	52.0		0.42	5.30	ug/L
118-74-1	Hexachlorobenzene	52.3		0.55	5.30	ug/L
1912-24-9	Atrazine	48.5		1.10	5.30	ug/L
87-86-5	Pentachlorophenol	110	E	1.70	10.5	ug/L
85-01-8	Phenanthrene	67.2		0.53	5.30	ug/L
120-12-7	Anthracene	53.2		0.64	5.30	ug/L
86-74-8	Carbazole	63.5		0.76	5.30	ug/L
84-74-2	Di-n-butylphthalate	52.6		1.30	5.30	ug/L
206-44-0	Fluoranthene	51.6		0.86	5.30	ug/L
129-00-0	Pyrene	50.1		0.53	5.30	ug/L
85-68-7	Butylbenzylphthalate	52.0		2.00	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	43.4		0.98	10.5	ug/L
56-55-3	Benzo(a)anthracene	49.9		0.47	5.30	ug/L
218-01-9	Chrysene	51.2		0.46	5.30	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	49.7		1.70	5.30	ug/L
117-84-0	Di-n-octyl phthalate	52.0		2.50	10.5	ug/L
205-99-2	Benzo(b)fluoranthene	50.4		0.52	5.30	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MSD	SDG No.:	Q2936
Lab Sample ID:	Q2924-04MSD	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
BP025603.D	1	08/22/25 10:34	08/27/25 15:00	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	49.6		0.51	5.30	ug/L
50-32-8	Benzo(a)pyrene	49.8		0.58	5.30	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.9		0.62	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	51.6		0.71	5.30	ug/L
191-24-2	Benzo(g,h,i)perylene	50.6		0.73	5.30	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	49.8		0.55	5.30	ug/L
123-91-1	1,4-Dioxane	21.8		1.10	5.30	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	50.6		0.76	5.30	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	67.4		23 - 138	45%	SPK: 150
13127-88-3	Phenol-d6	41.4		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	149	*	67 - 132	149%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.1		52 - 132	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	135		44 - 137	90%	SPK: 150
1718-51-0	Terphenyl-d14	76.2		42 - 152	76%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	166000	7.778			
1146-65-2	Naphthalene-d8	359000	10.566			
15067-26-2	Acenaphthene-d10	418000	14.401			
1517-22-2	Phenanthrene-d10	814000	17.201			
1719-03-5	Chrysene-d12	888000	21.636			
1520-96-3	Perylene-d12	1060000	25.007			

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-BF082625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Aug 26 16:30:52 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143585.D 5 =BF143586.D 10 =BF143587.D 20 =BF143588.D 40 =BF143589.D 50 =BF143590.D 60 =BF143591.D 80 =BF1435
92.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.606	0.579	0.592	0.571	0.546	0.570	0.561	0.575	3.46
3)		Pyridine		1.218	1.341	1.525	1.504	1.491	1.540	1.487	1.444	8.25
4)		n-Nitrosodimet...			0.669	0.683	0.695	0.690	0.703	0.682	0.687	1.71
5)	S	2-Fluorophenol		1.245	1.223	1.243	1.152	1.114	1.151	1.098	1.175	5.20
6)		Aniline		2.116	2.036	2.151	1.980	1.970	2.048	1.921	2.032	4.04
7)	S	Phenol-d6		1.584	1.519	1.521	1.422	1.373	1.424	1.346	1.455	6.00
8)		2-Chlorophenol		1.255	1.263	1.286	1.239	1.207	1.259	1.195	1.243	2.61
9)		Benzaldehyde			1.075	1.018	1.209	1.011	1.162		1.095	8.00
10)	C	Phenol		1.726	1.685	1.720	1.584	1.558	1.617	1.536	1.632	4.78
11)		bis(2-Chloroet...		1.358	1.306	1.341	1.211	1.157	1.224	1.158	1.251	6.73
12)		1,3-Dichlorobe...		1.574	1.506	1.524	1.378	1.339	1.377	1.298	1.428	7.37
13)	C	1,4-Dichlorobe...		1.615	1.517	1.536	1.400	1.328	1.388	1.296	1.440	8.18
14)		1,2-Dichlorobe...		1.494	1.423	1.457	1.312	1.280	1.328	1.266	1.366	6.65
15)		Benzyl Alcohol			1.074	1.135	1.088	1.074	1.117	1.057	1.091	2.71
16)		2,2'-oxybis(1-...		2.622	2.449	2.481	2.223	2.120	2.217	2.050	2.309	9.11
17)		2-Methylphenol		1.099	1.076	1.105	1.031	1.017	1.059	1.000	1.055	3.86
18)		Hexachloroethane		0.451	0.452	0.484	0.460	0.449	0.471	0.436	0.458	3.40
19)	P	n-Nitroso-di-n...	0.959	0.979	0.951	0.968	0.876	0.860	0.921	0.863	0.922	5.35
20)		3+4-Methylphenols			1.389	1.411	1.288	1.227	1.268	1.195	1.296	6.69
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.513	0.484	0.479	0.437	0.418	0.423	0.399	0.450	9.28
23)	S	Nitrobenzene-d5			0.207	0.260	0.293	0.300	0.315	0.307	0.280	14.57
24)		Nitrobenzene		0.217	0.250	0.305	0.330	0.329	0.342	0.331	0.300	15.99
25)		Isophorone		0.694	0.662	0.683	0.645	0.628	0.654	0.623	0.656	4.02
26)	C	2-Nitrophenol		0.043	0.056	0.080	0.114	0.130	0.142	0.142	0.101	40.76#
27)		2,4-Dimethylph...		0.292	0.280	0.297	0.285	0.282	0.286	0.274	0.285	2.65
28)		bis(2-Chloroet...		0.431	0.411	0.424	0.385	0.377	0.386	0.363	0.397	6.40
29)	C	2,4-Dichloroph...		0.257	0.268	0.289	0.284	0.273	0.284	0.269	0.275	4.18
30)		1,2,4-Trichlor...		0.312	0.297	0.296	0.284	0.275	0.281	0.263	0.287	5.67
31)		Naphthalene		1.098	1.029	1.031	0.938	0.900	0.909	0.860	0.966	9.00
32)		Benzoic acid			0.047	0.091	0.126	0.150	0.172	0.168	0.126	38.83
33)		4-Chloroaniline		0.373	0.352	0.360	0.338	0.325	0.326	0.315	0.341	6.16
34)	C	Hexachlorobuta...		0.199	0.189	0.189	0.177	0.171	0.175	0.165	0.181	6.63
35)		Caprolactam			0.071	0.078	0.078	0.079	0.083	0.078	0.078	4.87
36)	C	4-Chloro-3-met...		0.282	0.284	0.300	0.288	0.283	0.296	0.278	0.287	2.75
37)		2-Methylnaphth...		0.727	0.685	0.684	0.615	0.586	0.605	0.565	0.638	9.46
38)		1-Methylnaphth...		0.694	0.666	0.655	0.599	0.566	0.583	0.548	0.616	9.05

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF082625.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.576	0.542	0.554	0.510	0.498	0.491	0.470	0.520	7.33
41)	P	Hexachlorocycl...		0.201	0.249	0.264	0.273	0.279	0.270	0.256	11.23
42)	S	2,4,6-Tribromo...	0.130	0.143	0.166	0.162	0.163	0.170	0.162	0.156	9.38
43)	C	2,4,6-Trichlor...	0.285	0.320	0.357	0.374	0.359	0.364	0.348	0.344	9.00
44)		2,4,5-Trichlor...	0.317	0.321	0.360	0.353	0.356	0.368	0.358	0.347	5.74
45)	S	2-Fluorobiphenyl	1.404	1.290	1.276	1.120	1.041	1.056	1.001	1.170	13.11
46)		1,1'-Biphenyl	1.588	1.493	1.480	1.358	1.282	1.287	1.226	1.388	9.67
47)		2-Chloronaphth...	1.210	1.161	1.143	1.086	1.035	1.036	1.004	1.096	6.99
48)		2-Nitroaniline	0.118	0.147	0.225	0.287	0.307	0.328	0.318	0.247	34.69
49)		Acenaphthylene	1.772	1.673	1.711	1.557	1.489	1.511	1.451	1.595	7.74
50)		Dimethylphthalate	1.309	1.266	1.306	1.199	1.180	1.204	1.147	1.230	5.18
51)		2,6-Dinitrotol...	0.065	0.090	0.145	0.189	0.208	0.226	0.219	0.163	39.69
52)	C	Acenaphthene	1.169	1.103	1.115	1.014	0.969	0.992	0.953	1.045	7.97
53)		3-Nitroaniline	0.092	0.127	0.194	0.233	0.246	0.262	0.251	0.201	33.23
54)	P	2,4-Dinitrophenol		0.020	0.032	0.050	0.066	0.077	0.081	0.054	45.09
55)		Dibenzofuran	1.716	1.633	1.648	1.470	1.425	1.451	1.379	1.532	8.54
56)	P	4-Nitrophenol		0.114	0.161	0.189	0.201	0.218	0.209	0.182	21.33
57)		2,4-Dinitrotol...	0.081	0.120	0.186	0.246	0.276	0.294	0.289	0.213	40.38
58)		Fluorene	1.368	1.270	1.231	1.089	1.035	1.056	1.002	1.150	12.10
59)		2,3,4,6-Tetrac...	0.190	0.224	0.273	0.271	0.277	0.287	0.275	0.257	13.91
60)		Diethylphthalate	1.219	1.198	1.229	1.110	1.097	1.147	1.068	1.153	5.54
61)		4-Chlorophenyl...	0.656	0.616	0.603	0.533	0.515	0.525	0.489	0.562	11.02
62)		4-Nitroaniline	0.115	0.143	0.191	0.212	0.229	0.244	0.237	0.196	25.31
63)		Azobenzene	1.269	1.227	1.262	1.128	1.111	1.126	1.058	1.169	7.11
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.020	0.035	0.058	0.071	0.080	0.080	0.057	42.94
66)	c	n-Nitrosodiphe...	0.694	0.664	0.662	0.632	0.598	0.610	0.593	0.636	6.02
67)		4-Bromophenyl-...	0.223	0.219	0.228	0.219	0.208	0.211	0.206	0.216	3.74
68)		Hexachlorobenzene	0.247	0.239	0.242	0.229	0.220	0.226	0.217	0.231	5.05
69)		Atrazine	0.179	0.184	0.188	0.181	0.182	0.189	0.177	0.183	2.48
70)	C	Pentachlorophenol		0.101	0.126	0.139	0.140	0.145	0.141	0.132	12.49
71)		Phenanthrene	1.223	1.162	1.127	1.040	0.995	0.994	0.955	1.071	9.38
72)		Anthracene	1.223	1.168	1.151	1.041	0.998	1.004	0.969	1.079	9.22
73)		Carbazole	1.078	1.019	0.991	0.892	0.855	0.865	0.830	0.933	10.23
74)		Di-n-butylphth...	0.961	0.968	1.013	0.923	0.925	0.968	0.893	0.950	4.15
75)	C	Fluoranthene	1.176	1.101	1.065	0.897	0.862	0.901	0.842	0.978	13.62
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.598	0.654	0.538	0.357	0.222	0.394	0.460	35.65
78)		Pyrene	1.722	1.768	1.810	1.609	1.687	1.613	1.507	1.674	6.25
79)	S	Terphenyl-d14	1.199	1.213	1.221	1.044	1.080	1.053	0.992	1.115	8.45
80)		Butylbenzylpht...	0.211	0.276	0.386	0.456	0.455	0.513	0.490	0.398	28.68
81)		Benzo(a)anthra...	1.365	1.276	1.288	1.257	1.216	1.220	1.186	1.258	4.73
82)		3,3'-Dichlorob...		0.271	0.339	0.373	0.340	0.334	0.367	0.337	10.77
83)		Chrysene	1.239	1.174	1.244	1.125	1.129	1.168	1.129	1.173	4.35
84)		Bis(2-ethylhex...	0.285	0.397	0.529	0.632	0.580	0.637	0.632	0.528	25.91
85)	c	Di-n-octyl pht...		0.564	0.840	1.167	1.128	1.179	1.223	1.017	25.62

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF082625.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.127	1.316	1.462	1.429	1.401	1.430	1.359	1.361	8.36
88)		Benzo(b)fluora...	1.354	1.208	1.131	1.045	1.008	1.184	1.069	1.143	10.35
89)		Benzo(k)fluora...	1.169	1.128	1.165	1.061	1.028	0.982	0.947	1.068	8.28
90)	C	Benzo(a)pyrene	1.007	0.994	1.034	1.032	0.989	1.030	0.982	1.010	2.20
91)		Dibenzo(a,h)an...	0.980	1.093	1.191	1.154	1.127	1.163	1.089	1.114	6.25
92)		Benzo(g,h,i)pe...	0.935	1.071	1.154	1.148	1.148	1.157	1.106	1.103	7.31

(#) = Out of Range

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 14 18:14:31 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP025392.D 5 =BP025393.D 10 =BP025394.D 20 =BP025395.D 40 =BP025396.D 50 =BP025397.D 60 =BP025398.D 80 =BP0253
99.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.520	0.464	0.475	0.445	0.479	0.462	0.458	0.472	5.07
3)		Pyridine		1.446	1.250	1.256	1.220	1.317	1.281	1.268	1.291	5.77
4)		n-Nitrosodimet...			0.515	0.512	0.511	0.559	0.555	0.541	0.532	4.13
5)	S	2-Fluorophenol		1.232	1.177	1.194	1.162	1.240	1.226	1.199	1.204	2.42
6)		Aniline		2.098	1.962	2.030	2.020	2.194	2.164	2.094	2.080	3.96
7)	S	Phenol-d6		1.483	1.467	1.533	1.513	1.641	1.609	1.563	1.544	4.16
8)		2-Chlorophenol		1.351	1.283	1.347	1.313	1.428	1.414	1.378	1.359	3.83
9)		Benzaldehyde			0.987	0.956	1.366	1.262	1.005	0.915	1.082	17.12
10)	C	Phenol		1.594	1.529	1.613	1.575	1.707	1.688	1.635	1.620	3.87
11)		bis(2-Chloroet...		1.283	1.183	1.273	1.222	1.321	1.303	1.255	1.263	3.78
12)		1,3-Dichlorobe...		1.532	1.433	1.503	1.443	1.555	1.530	1.493	1.499	3.07
13)	C	1,4-Dichlorobe...		1.587	1.490	1.527	1.467	1.596	1.544	1.510	1.532	3.12
14)		1,2-Dichlorobe...		1.558	1.430	1.491	1.431	1.533	1.487	1.449	1.483	3.35
15)		Benzyl Alcohol			1.138	1.205	1.193	1.287	1.289	1.250	1.227	4.83
16)		2,2'-oxybis(1-...		1.762	1.592	1.712	1.620	1.751	1.740	1.665	1.692	3.96
17)		2-Methylphenol		1.075	1.030	1.123	1.107	1.198	1.191	1.154	1.125	5.41
18)		Hexachloroethane		0.577	0.544	0.552	0.545	0.588	0.578	0.559	0.563	3.13
19)	P	n-Nitroso-di-n...	1.014	1.066	0.959	1.056	0.992	1.053	1.042	1.000	1.023	3.68
20)		3+4-Methylphenols			1.442	1.533	1.525	1.639	1.640	1.580	1.560	4.87
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.515	0.487	0.506	0.485	0.523	0.506	0.488	0.502	2.96
23)	S	Nitrobenzene-d5		0.395	0.376	0.392	0.383	0.419	0.408	0.394	0.395	3.65
24)		Nitrobenzene		0.350	0.342	0.348	0.344	0.375	0.362	0.352	0.353	3.21
25)		Isophorone		0.734	0.672	0.700	0.674	0.730	0.709	0.680	0.700	3.70
26)	C	2-Nitrophenol		0.167	0.163	0.177	0.181	0.197	0.195	0.190	0.181	7.43
27)		2,4-Dimethylph...		0.303	0.303	0.296	0.308	0.336	0.325	0.313	0.312	4.46
28)		bis(2-Chloroet...		0.443	0.407	0.425	0.407	0.439	0.430	0.410	0.423	3.61
29)	C	2,4-Dichloroph...		0.293	0.293	0.308	0.305	0.331	0.324	0.314	0.310	4.71
30)		1,2,4-Trichlor...		0.357	0.329	0.335	0.327	0.354	0.344	0.332	0.340	3.61
31)		Naphthalene		1.069	1.020	1.037	1.000	1.087	1.052	1.011	1.040	3.06
32)		Benzoic acid			0.188	0.207	0.227	0.249	0.255	0.255	0.230	12.20
33)		4-Chloroaniline		0.453	0.435	0.447	0.452	0.492	0.478	0.458	0.459	4.19
34)	C	Hexachlorobuta...		0.222	0.205	0.211	0.205	0.218	0.213	0.207	0.211	3.05
35)		Caprolactam			0.114	0.110	0.109	0.120	0.116	0.113	0.114	3.67
36)	C	4-Chloro-3-met...		0.366	0.335	0.347	0.346	0.373	0.368	0.353	0.355	3.85
37)		2-Methylnaphth...		0.716	0.653	0.678	0.652	0.700	0.682	0.654	0.676	3.69
38)		1-Methylnaphth...		0.777	0.706	0.713	0.686	0.751	0.719	0.685	0.719	4.67

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.578	0.559	0.585	0.560	0.610	0.581	0.571	0.578	3.00
41)	P	Hexachlorocycl...		0.274	0.313	0.348	0.387	0.388	0.383	0.349	13.46
42)	S	2,4,6-Tribromo...	0.266	0.259	0.267	0.263	0.286	0.275	0.268	0.269	3.39
43)	C	2,4,6-Trichlor...	0.368	0.364	0.381	0.382	0.421	0.408	0.405	0.390	5.56
44)		2,4,5-Trichlor...	0.417	0.385	0.424	0.424	0.457	0.448	0.437	0.427	5.52
45)	S	2-Fluorobiphenyl	1.558	1.483	1.507	1.392	1.517	1.435	1.351	1.463	5.04
46)		1,1'-Biphenyl	1.495	1.418	1.457	1.408	1.537	1.445	1.407	1.453	3.37
47)		2-Chloronaphth...	1.152	1.093	1.144	1.101	1.184	1.142	1.100	1.131	2.99
48)		2-Nitroaniline	0.301	0.306	0.317	0.330	0.360	0.351	0.341	0.329	6.85
49)		Acenaphthylene	1.907	1.806	1.848	1.806	1.992	1.907	1.832	1.871	3.63
50)		Dimethylphthalate	1.569	1.449	1.438	1.403	1.512	1.479	1.403	1.465	4.12
51)		2,6-Dinitrotol...	0.297	0.287	0.302	0.309	0.331	0.323	0.311	0.309	4.95
52)	C	Acenaphthene	1.149	1.082	1.100	1.041	1.155	1.106	1.056	1.098	3.93
53)		3-Nitroaniline	0.318	0.329	0.337	0.342	0.384	0.367	0.354	0.347	6.56
54)	P	2,4-Dinitrophenol		0.114	0.140	0.163	0.186	0.192	0.194	0.165	19.83
55)		Dibenzofuran	1.820	1.711	1.737	1.677	1.811	1.729	1.672	1.736	3.40
56)	P	4-Nitrophenol		0.251	0.265	0.279	0.315	0.304	0.298	0.285	8.56
57)		2,4-Dinitrotol...	0.404	0.407	0.431	0.438	0.479	0.471	0.454	0.440	6.61
58)		Fluorene	1.506	1.391	1.390	1.306	1.415	1.330	1.253	1.370	6.02
59)		2,3,4,6-Tetrac...	0.375	0.360	0.366	0.368	0.402	0.392	0.379	0.377	4.01
60)		Diethylphthalate	1.615	1.475	1.465	1.434	1.540	1.459	1.430	1.488	4.48
61)		4-Chlorophenyl...	0.761	0.684	0.679	0.651	0.690	0.671	0.634	0.681	5.91
62)		4-Nitroaniline	0.341	0.336	0.349	0.351	0.387	0.370	0.359	0.356	4.89
63)		Azobenzene	1.315	1.226	1.274	1.237	1.341	1.301	1.227	1.274	3.62
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.096	0.113	0.123	0.139	0.139	0.138	0.125	14.21
66)	c	n-Nitrosodiphe...	0.636	0.603	0.607	0.591	0.634	0.605	0.594	0.610	2.99
67)		4-Bromophenyl-...	0.233	0.206	0.217	0.213	0.230	0.223	0.218	0.220	4.34
68)		Hexachlorobenzene	0.264	0.253	0.254	0.242	0.264	0.257	0.251	0.255	3.06
69)		Atrazine	0.229	0.226	0.228	0.218	0.240	0.229	0.229	0.228	2.74
70)	C	Pentachlorophenol		0.135	0.154	0.157	0.177	0.171	0.172	0.161	9.76
71)		Phenanthrene	1.162	1.101	1.111	1.040	1.135	1.085	1.057	1.099	3.88
72)		Anthracene	1.161	1.124	1.133	1.079	1.175	1.101	1.080	1.122	3.37
73)		Carbazole	1.079	1.052	1.074	1.007	1.111	1.053	1.022	1.057	3.32
74)		Di-n-butylphth...	1.345	1.255	1.332	1.244	1.374	1.285	1.265	1.300	3.86
75)	C	Fluoranthene	1.370	1.323	1.348	1.228	1.361	1.286	1.258	1.311	4.13
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.642	0.642	0.967	0.664	0.608	0.573	0.683	20.94
78)		Pyrene	1.398	1.261	1.287	1.274	1.320	1.319	1.241	1.300	4.00
79)	S	Terphenyl-d14	1.249	1.100	1.097	1.045	1.100	1.061	0.999	1.093	7.15
80)		Butylbenzylpht...	0.589	0.557	0.592	0.579	0.614	0.616	0.578	0.589	3.55
81)		Benzo(a)anthra...	1.384	1.302	1.313	1.268	1.359	1.333	1.275	1.319	3.21
82)		3,3'-Dichlorob...		0.482	0.507	0.488	0.521	0.506	0.480	0.497	3.31
83)		Chrysene	1.292	1.214	1.249	1.182	1.280	1.243	1.186	1.235	3.49
84)		Bis(2-ethylhex...	0.907	0.826	0.874	0.831	0.901	0.882	0.850	0.867	3.73
85)	c	Di-n-octyl pht...		1.381	1.498	1.444	1.572	1.563	1.491	1.492	4.84

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.454	1.385	1.440	1.411	1.569	1.522	1.486	1.467	4.36
88)		Benzo(b)fluora...	1.203	1.126	1.171	1.134	1.250	1.197	1.175	1.179	3.60
89)		Benzo(k)fluora...	1.202	1.157	1.200	1.130	1.226	1.206	1.141	1.180	3.16
90)	C	Benzo(a)pyrene	1.139	1.093	1.150	1.108	1.219	1.185	1.141	1.148	3.77
91)		Dibenzo(a,h)an...	1.180	1.125	1.179	1.156	1.290	1.244	1.216	1.199	4.64
92)		Benzo(g,h,i)pe...	1.162	1.118	1.169	1.138	1.248	1.220	1.192	1.178	3.86

(#) = 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.: Q2936

Instrument ID: BNA_F Calibration Date/Time: 08/27/2025 09:16

Lab File ID: BF143596.D Init. Calib. Date(s): 08/26/2025 08/26/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:11 12:32

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.175	1.200		2.1	
Benzaldehyde	1.095	1.252		14.3	
Phenol-d6	1.455	1.474		1.3	
Phenol	1.632	1.764		8.1	20.0
bis(2-Chloroethyl)ether	1.251	1.256		0.4	
2-Chlorophenol	1.243	1.295		4.2	
2-Methylphenol	1.055	1.066		1.0	
2,2-oxybis(1-Chloropropane)	2.309	2.190		-5.2	
Acetophenone	0.450	0.451		0.2	
3+4-Methylphenols	1.296	1.370		5.7	
n-Nitroso-di-n-propylamine	0.922	0.915	0.050	-0.8	
Nitrobenzene-d5	0.280	0.318		13.6	
Hexachloroethane	0.458	0.487		6.3	
Nitrobenzene	0.300	0.351		17.0	
Isophorone	0.656	0.659		0.5	
2-Nitrophenol	0.101	0.136		34.7	20.0
2,4-Dimethylphenol	0.285	0.296		3.9	
bis(2-Chloroethoxy)methane	0.397	0.401		1.0	
2,4-Dichlorophenol	0.275	0.294		6.9	20.0
Naphthalene	0.966	0.981		1.6	
4-Chloroaniline	0.341	0.352		3.2	
Hexachlorobutadiene	0.181	0.186		2.8	20.0
Caprolactam	0.078	0.086		10.3	
4-Chloro-3-methylphenol	0.287	0.303		5.6	20.0
2-Methylnaphthalene	0.638	0.651		2.0	
Hexachlorocyclopentadiene	0.256	0.275	0.050	7.4	
2,4,6-Trichlorophenol	0.344	0.359		4.4	20.0
2-Fluorobiphenyl	1.170	1.158		-1.0	
2,4,5-Trichlorophenol	0.347	0.387		11.5	
1,1-Biphenyl	1.388	1.375		-0.9	
2-Chloronaphthalene	1.096	1.113		1.6	
2-Nitroaniline	0.247	0.328		32.8	
Dimethylphthalate	1.230	1.274		3.6	
Acenaphthylene	1.595	1.622		1.7	
2,6-Dinitrotoluene	0.163	0.229		40.5	
3-Nitroaniline	0.201	0.274		36.3	
Acenaphthene	1.045	1.066		2.0	20.0
2,4-Dinitrophenol	0.054	0.068	0.050	25.9	
4-Nitrophenol	0.182	0.219	0.050	20.3	

Form VII SV-1

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2936

Instrument ID: BNA_F Calibration Date/Time: 08/27/2025 09:16

Lab File ID: BF143596.D Init. Calib. Date(s): 08/26/2025 08/26/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:11 12:32

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.532	1.562		2.0	
2,4-Dinitrotoluene	0.213	0.308		44.6	
Diethylphthalate	1.153	1.218		5.6	
4-Chlorophenyl-phenylether	0.562	0.566		0.7	
Fluorene	1.150	1.146		-0.3	
4-Nitroaniline	0.196	0.264		34.7	
4,6-Dinitro-2-methylphenol	0.057	0.073		28.1	
n-Nitrosodiphenylamine	0.636	0.634		-0.3	20.0
2,4,6-Tribromophenol	0.156	0.181		16.0	
4-Bromophenyl-phenylether	0.216	0.220		1.9	
Hexachlorobenzene	0.231	0.236		2.2	
Atrazine	0.183	0.197		7.7	
Pentachlorophenol	0.132	0.147		11.4	20.0
Phenanthrene	1.071	1.067		-0.4	
Anthracene	1.079	1.085		0.6	
Carbazole	0.933	0.966		3.5	
Di-n-butylphthalate	0.950	1.072		12.8	
Fluoranthene	0.978	1.026		4.9	20.0
Pyrene	1.674	1.787		6.8	
Terphenyl-d14	1.115	1.214		8.9	
Butylbenzylphthalate	0.398	0.493		23.9	
3,3-Dichlorobenzidine	0.337	0.364		8.0	
Benzo(a)anthracene	1.258	1.278		1.6	
Chrysene	1.173	1.229		4.8	
Bis(2-ethylhexyl)phthalate	0.528	0.593		12.3	
Di-n-octyl phthalate	1.017	0.974		-4.2	20.0
Benzo(b)fluoranthene	1.143	1.127		-1.4	
Benzo(k)fluoranthene	1.068	1.128		5.6	
Benzo(a)pyrene	1.010	1.052		4.2	20.0
Indeno(1,2,3-cd)pyrene	1.361	1.495		9.8	
Dibenzo(a,h)anthracene	1.114	1.224		9.9	
Benzo(g,h,i)perylene	1.103	1.199		8.7	
1,2,4,5-Tetrachlorobenzene	0.520	0.531		2.1	
1,4-Dioxane	0.575	0.578		0.5	20.0
2,3,4,6-Tetrachlorophenol	0.257	0.297		15.6	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2936

Instrument ID: BNA_P Calibration Date/Time: 08/22/2025 10:49

Lab File ID: BP025544.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.204	1.201		-0.2	
Benzaldehyde	1.082	1.377		27.3	
Phenol-d6	1.544	1.586		2.7	
Phenol	1.620	1.656		2.2	20.0
bis(2-Chloroethyl)ether	1.263	1.266		0.2	
2-Chlorophenol	1.359	1.376		1.3	
2-Methylphenol	1.125	1.147		2.0	
2,2-oxybis(1-Chloropropane)	1.692	1.738		2.7	
Acetophenone	0.502	0.494		-1.6	
3+4-Methylphenols	1.560	1.584		1.5	
n-Nitroso-di-n-propylamine	1.023	1.030	0.050	0.7	
Nitrobenzene-d5	0.395	0.396		0.3	
Hexachloroethane	0.563	0.554		-1.6	
Nitrobenzene	0.353	0.357		1.1	
Isophorone	0.700	0.697		-0.4	
2-Nitrophenol	0.181	0.184		1.7	20.0
2,4-Dimethylphenol	0.312	0.307		-1.6	
bis(2-Chloroethoxy)methane	0.423	0.416		-1.7	
2,4-Dichlorophenol	0.310	0.307		-1.0	20.0
Naphthalene	1.040	1.006		-3.3	
4-Chloroaniline	0.459	0.460		0.2	
Hexachlorobutadiene	0.211	0.200		-5.2	20.0
Caprolactam	0.114	0.124		8.8	
4-Chloro-3-methylphenol	0.355	0.364		2.5	20.0
2-Methylnaphthalene	0.676	0.652		-3.5	
Hexachlorocyclopentadiene	0.349	0.397	0.050	13.8	
2,4,6-Trichlorophenol	0.390	0.387		-0.8	20.0
2-Fluorobiphenyl	1.463	1.364		-6.8	
2,4,5-Trichlorophenol	0.427	0.430		0.7	
1,1-Biphenyl	1.453	1.392		-4.2	
2-Chloronaphthalene	1.131	1.080		-4.5	
2-Nitroaniline	0.329	0.351		6.7	
Dimethylphthalate	1.465	1.455		-0.7	
Acenaphthylene	1.871	1.834		-2.0	
2,6-Dinitrotoluene	0.309	0.324		4.9	
3-Nitroaniline	0.347	0.370		6.6	
Acenaphthene	1.098	1.042		-5.1	20.0
2,4-Dinitrophenol	0.165	0.228	0.050	38.2	
4-Nitrophenol	0.285	0.311	0.050	9.1	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2936

Instrument ID: BNA_P Calibration Date/Time: 08/22/2025 10:49

Lab File ID: BP025544.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.736	1.669		-3.9	
2,4-Dinitrotoluene	0.440	0.471		7.0	
Diethylphthalate	1.488	1.520		2.2	
4-Chlorophenyl-phenylether	0.681	0.653		-4.1	
Fluorene	1.370	1.350		-1.5	
4-Nitroaniline	0.356	0.382		7.3	
4,6-Dinitro-2-methylphenol	0.125	0.146		16.8	
n-Nitrosodiphenylamine	0.610	0.590		-3.3	20.0
2,4,6-Tribromophenol	0.269	0.273		1.5	
4-Bromophenyl-phenylether	0.220	0.209		-5.0	
Hexachlorobenzene	0.255	0.238		-6.7	
Atrazine	0.228	0.228		0.0	
Pentachlorophenol	0.161	0.169		5.0	20.0
Phenanthrene	1.099	1.058		-3.7	
Anthracene	1.122	1.113		-0.8	
Carbazole	1.057	1.064		0.7	
Di-n-butylphthalate	1.300	1.314		1.1	
Fluoranthene	1.311	1.296		-1.1	20.0
Pyrene	1.300	1.255		-3.5	
Terphenyl-d14	1.093	1.041		-4.8	
Butylbenzylphthalate	0.589	0.607		3.1	
3,3-Dichlorobenzidine	0.497	0.497		0.0	
Benzo(a)anthracene	1.319	1.273		-3.5	
Chrysene	1.235	1.201		-2.8	
Bis(2-ethylhexyl)phthalate	0.867	0.866		-0.1	
Di-n-octyl phthalate	1.492	1.541		3.3	20.0
Benzo(b)fluoranthene	1.179	1.115		-5.4	
Benzo(k)fluoranthene	1.180	1.139		-3.5	
Benzo(a)pyrene	1.148	1.107		-3.6	20.0
Indeno(1,2,3-cd)pyrene	1.467	1.402		-4.4	
Dibenzo(a,h)anthracene	1.199	1.138		-5.1	
Benzo(g,h,i)perylene	1.178	1.141		-3.1	
1,2,4,5-Tetrachlorobenzene	0.578	0.548		-5.2	
1,4-Dioxane	0.472	0.461		-2.3	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.381		1.1	

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2936

Instrument ID: BNA_P Calibration Date/Time: 08/25/2025 12:13

Lab File ID: BP025561.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.204	1.230		2.2	
Benzaldehyde	1.082	1.338		23.7	
Phenol-d6	1.544	1.578		2.2	
Phenol	1.620	1.637		1.0	20.0
bis(2-Chloroethyl)ether	1.263	1.249		-1.1	
2-Chlorophenol	1.359	1.362		0.2	
2-Methylphenol	1.125	1.108		-1.5	
2,2-oxybis(1-Chloropropane)	1.692	1.716		1.4	
Acetophenone	0.502	0.490		-2.4	
3+4-Methylphenols	1.560	1.501		-3.8	
n-Nitroso-di-n-propylamine	1.023	0.970	0.050	-5.2	
Nitrobenzene-d5	0.395	0.399		1.0	
Hexachloroethane	0.563	0.547		-2.8	
Nitrobenzene	0.353	0.358		1.4	
Isophorone	0.700	0.668		-4.6	
2-Nitrophenol	0.181	0.186		2.8	20.0
2,4-Dimethylphenol	0.312	0.304		-2.6	
bis(2-Chloroethoxy)methane	0.423	0.405		-4.3	
2,4-Dichlorophenol	0.310	0.306		-1.3	20.0
Naphthalene	1.040	1.011		-2.8	
4-Chloroaniline	0.459	0.446		-2.8	
Hexachlorobutadiene	0.211	0.197		-6.6	20.0
Caprolactam	0.114	0.111		-2.6	
4-Chloro-3-methylphenol	0.355	0.342		-3.7	20.0
2-Methylnaphthalene	0.676	0.636		-5.9	
Hexachlorocyclopentadiene	0.349	0.387	0.050	10.9	
2,4,6-Trichlorophenol	0.390	0.396		1.5	20.0
2-Fluorobiphenyl	1.463	1.453		-0.7	
2,4,5-Trichlorophenol	0.427	0.435		1.9	
1,1-Biphenyl	1.453	1.456		0.2	
2-Chloronaphthalene	1.131	1.146		1.3	
2-Nitroaniline	0.329	0.351		6.7	
Dimethylphthalate	1.465	1.428		-2.5	
Acenaphthylene	1.871	1.872		0.1	
2,6-Dinitrotoluene	0.309	0.318		2.9	
3-Nitroaniline	0.347	0.364		4.9	
Acenaphthene	1.098	1.074		-2.2	20.0
2,4-Dinitrophenol	0.165	0.220	0.050	33.3	
4-Nitrophenol	0.285	0.297	0.050	4.2	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2936

Instrument ID: BNA_P Calibration Date/Time: 08/25/2025 12:13

Lab File ID: BP025561.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.736	1.714		-1.3	
2,4-Dinitrotoluene	0.440	0.461		4.8	
Diethylphthalate	1.488	1.451		-2.5	
4-Chlorophenyl-phenylether	0.681	0.659		-3.2	
Fluorene	1.370	1.353		-1.2	
4-Nitroaniline	0.356	0.380		6.7	
4,6-Dinitro-2-methylphenol	0.125	0.147		17.6	
n-Nitrosodiphenylamine	0.610	0.601		-1.5	20.0
2,4,6-Tribromophenol	0.269	0.270		0.4	
4-Bromophenyl-phenylether	0.220	0.213		-3.2	
Hexachlorobenzene	0.255	0.243		-4.7	
Atrazine	0.228	0.221		-3.1	
Pentachlorophenol	0.161	0.156		-3.1	20.0
Phenanthrene	1.099	1.083		-1.5	
Anthracene	1.122	1.113		-0.8	
Carbazole	1.057	1.061		0.4	
Di-n-butylphthalate	1.300	1.268		-2.5	
Fluoranthene	1.311	1.276		-2.7	20.0
Pyrene	1.300	1.273		-2.1	
Terphenyl-d14	1.093	1.041		-4.8	
Butylbenzylphthalate	0.589	0.574		-2.5	
3,3-Dichlorobenzidine	0.497	0.487		-2.0	
Benzo(a)anthracene	1.319	1.282		-2.8	
Chrysene	1.235	1.205		-2.4	
Bis(2-ethylhexyl)phthalate	0.867	0.799		-7.8	
Di-n-octyl phthalate	1.492	1.388		-7.0	20.0
Benzo(b)fluoranthene	1.179	1.144		-3.0	
Benzo(k)fluoranthene	1.180	1.167		-1.1	
Benzo(a)pyrene	1.148	1.140		-0.7	20.0
Indeno(1,2,3-cd)pyrene	1.467	1.451		-1.1	
Dibenzo(a,h)anthracene	1.199	1.203		0.3	
Benzo(g,h,i)perylene	1.178	1.174		-0.3	
1,2,4,5-Tetrachlorobenzene	0.578	0.586		1.4	
1,4-Dioxane	0.472	0.466		-1.3	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.380		0.8	

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2936

Instrument ID: BNA_P Calibration Date/Time: 08/26/2025 10:21

Lab File ID: BP025579.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.204	1.238		2.8	
Benzaldehyde	1.082	1.311		21.2	
Phenol-d6	1.544	1.536		-0.5	
Phenol	1.620	1.579		-2.5	20.0
bis(2-Chloroethyl)ether	1.263	1.232		-2.5	
2-Chlorophenol	1.359	1.354		-0.4	
2-Methylphenol	1.125	1.095		-2.7	
2,2-oxybis(1-Chloropropane)	1.692	1.682		-0.6	
Acetophenone	0.502	0.498		-0.8	
3+4-Methylphenols	1.560	1.460		-6.4	
n-Nitroso-di-n-propylamine	1.023	0.944	0.050	-7.7	
Nitrobenzene-d5	0.395	0.403		2.0	
Hexachloroethane	0.563	0.567		0.7	
Nitrobenzene	0.353	0.356		0.9	
Isophorone	0.700	0.679		-3.0	
2-Nitrophenol	0.181	0.189		4.4	20.0
2,4-Dimethylphenol	0.312	0.308		-1.3	
bis(2-Chloroethoxy)methane	0.423	0.409		-3.3	
2,4-Dichlorophenol	0.310	0.308		-0.6	20.0
Naphthalene	1.040	1.016		-2.3	
4-Chloroaniline	0.459	0.440		-4.1	
Hexachlorobutadiene	0.211	0.212		0.5	20.0
Caprolactam	0.114	0.106		-7.0	
4-Chloro-3-methylphenol	0.355	0.344		-3.1	20.0
2-Methylnaphthalene	0.676	0.650		-3.8	
Hexachlorocyclopentadiene	0.349	0.378	0.050	8.3	
2,4,6-Trichlorophenol	0.390	0.414		6.2	20.0
2-Fluorobiphenyl	1.463	1.454		-0.6	
2,4,5-Trichlorophenol	0.427	0.455		6.6	
1,1-Biphenyl	1.453	1.465		0.8	
2-Chloronaphthalene	1.131	1.145		1.2	
2-Nitroaniline	0.329	0.352		7.0	
Dimethylphthalate	1.465	1.457		-0.5	
Acenaphthylene	1.871	1.885		0.7	
2,6-Dinitrotoluene	0.309	0.317		2.6	
3-Nitroaniline	0.347	0.352		1.4	
Acenaphthene	1.098	1.071		-2.5	20.0
2,4-Dinitrophenol	0.165	0.206	0.050	24.8	
4-Nitrophenol	0.285	0.275	0.050	-3.5	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2936

Instrument ID: BNA_P Calibration Date/Time: 08/26/2025 10:21

Lab File ID: BP025579.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.736	1.708		-1.6	
2,4-Dinitrotoluene	0.440	0.449		2.0	
Diethylphthalate	1.488	1.476		-0.8	
4-Chlorophenyl-phenylether	0.681	0.673		-1.2	
Fluorene	1.370	1.330		-2.9	
4-Nitroaniline	0.356	0.360		1.1	
4,6-Dinitro-2-methylphenol	0.125	0.142		13.6	
n-Nitrosodiphenylamine	0.610	0.600		-1.6	20.0
2,4,6-Tribromophenol	0.269	0.279		3.7	
4-Bromophenyl-phenylether	0.220	0.223		1.4	
Hexachlorobenzene	0.255	0.259		1.6	
Atrazine	0.228	0.224		-1.8	
Pentachlorophenol	0.161	0.160		-0.6	20.0
Phenanthrene	1.099	1.075		-2.2	
Anthracene	1.122	1.109		-1.2	
Carbazole	1.057	1.018		-3.7	
Di-n-butylphthalate	1.300	1.288		-0.9	
Fluoranthene	1.311	1.234		-5.9	20.0
Pyrene	1.300	1.297		-0.2	
Terphenyl-d14	1.093	1.098		0.5	
Butylbenzylphthalate	0.589	0.609		3.4	
3,3-Dichlorobenzidine	0.497	0.499		0.4	
Benzo(a)anthracene	1.319	1.294		-1.9	
Chrysene	1.235	1.223		-1.0	
Bis(2-ethylhexyl)phthalate	0.867	0.871		0.5	
Di-n-octyl phthalate	1.492	1.545		3.6	20.0
Benzo(b)fluoranthene	1.179	1.158		-1.8	
Benzo(k)fluoranthene	1.180	1.141		-3.3	
Benzo(a)pyrene	1.148	1.118		-2.6	20.0
Indeno(1,2,3-cd)pyrene	1.467	1.442		-1.7	
Dibenzo(a,h)anthracene	1.199	1.179		-1.7	
Benzo(g,h,i)perylene	1.178	1.147		-2.6	
1,2,4,5-Tetrachlorobenzene	0.578	0.600		3.8	
1,4-Dioxane	0.472	0.478		1.3	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.382		1.3	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2936

Instrument ID: BNA_P Calibration Date/Time: 08/27/2025 09:39

Lab File ID: BP025596.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.204	1.204		0.0	
Benzaldehyde	1.082	1.320		22.0	
Phenol-d6	1.544	1.563		1.2	
Phenol	1.620	1.636		1.0	20.0
bis(2-Chloroethyl)ether	1.263	1.242		-1.7	
2-Chlorophenol	1.359	1.356		-0.2	
2-Methylphenol	1.125	1.127		0.2	
2,2-oxybis(1-Chloropropane)	1.692	1.723		1.8	
Acetophenone	0.502	0.496		-1.2	
3+4-Methylphenols	1.560	1.513		-3.0	
n-Nitroso-di-n-propylamine	1.023	1.032	0.050	0.9	
Nitrobenzene-d5	0.395	0.395		0.0	
Hexachloroethane	0.563	0.563		0.0	
Nitrobenzene	0.353	0.352		-0.3	
Isophorone	0.700	0.708		1.1	
2-Nitrophenol	0.181	0.187		3.3	20.0
2,4-Dimethylphenol	0.312	0.310		-0.6	
bis(2-Chloroethoxy)methane	0.423	0.417		-1.4	
2,4-Dichlorophenol	0.310	0.310		0.0	20.0
Naphthalene	1.040	1.018		-2.1	
4-Chloroaniline	0.459	0.458		-0.2	
Hexachlorobutadiene	0.211	0.206		-2.4	20.0
Caprolactam	0.114	0.121		6.1	
4-Chloro-3-methylphenol	0.355	0.363		2.3	20.0
2-Methylnaphthalene	0.676	0.657		-2.8	
Hexachlorocyclopentadiene	0.349	0.280	0.050	-19.8	
2,4,6-Trichlorophenol	0.390	0.385		-1.3	20.0
2-Fluorobiphenyl	1.463	1.415		-3.3	
2,4,5-Trichlorophenol	0.427	0.424		-0.7	
1,1-Biphenyl	1.453	1.400		-3.6	
2-Chloronaphthalene	1.131	1.094		-3.3	
2-Nitroaniline	0.329	0.360		9.4	
Dimethylphthalate	1.465	1.499		2.3	
Acenaphthylene	1.871	1.827		-2.4	
2,6-Dinitrotoluene	0.309	0.331		7.1	
3-Nitroaniline	0.347	0.364		4.9	
Acenaphthene	1.098	1.046		-4.7	20.0
2,4-Dinitrophenol	0.165	0.204	0.050	23.6	
4-Nitrophenol	0.285	0.275	0.050	-3.5	

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.: Q2936

Instrument ID: BNA_P Calibration Date/Time: 08/27/2025 09:39

Lab File ID: BP025596.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.736	1.718		-1.0	
2,4-Dinitrotoluene	0.440	0.481		9.3	
Diethylphthalate	1.488	1.550		4.2	
4-Chlorophenyl-phenylether	0.681	0.690		1.3	
Fluorene	1.370	1.386		1.2	
4-Nitroaniline	0.356	0.391		9.8	
4,6-Dinitro-2-methylphenol	0.125	0.142		13.6	
n-Nitrosodiphenylamine	0.610	0.593		-2.8	20.0
2,4,6-Tribromophenol	0.269	0.296		10.0	
4-Bromophenyl-phenylether	0.220	0.217		-1.4	
Hexachlorobenzene	0.255	0.256		0.4	
Atrazine	0.228	0.234		2.6	
Pentachlorophenol	0.161	0.155		-3.7	20.0
Phenanthrene	1.099	1.066		-3.0	
Anthracene	1.122	1.113		-0.8	
Carbazole	1.057	1.047		-0.9	
Di-n-butylphthalate	1.300	1.367		5.2	
Fluoranthene	1.311	1.324		1.0	20.0
Pyrene	1.300	1.296		-0.3	
Terphenyl-d14	1.093	1.122		2.7	
Butylbenzylphthalate	0.589	0.630		7.0	
3,3-Dichlorobenzidine	0.497	0.494		-0.6	
Benzo(a)anthracene	1.319	1.299		-1.5	
Chrysene	1.235	1.231		-0.3	
Bis(2-ethylhexyl)phthalate	0.867	0.884		2.0	
Di-n-octyl phthalate	1.492	1.545		3.6	20.0
Benzo(b)fluoranthene	1.179	1.165		-1.2	
Benzo(k)fluoranthene	1.180	1.169		-0.9	
Benzo(a)pyrene	1.148	1.139		-0.8	20.0
Indeno(1,2,3-cd)pyrene	1.467	1.427		-2.7	
Dibenzo(a,h)anthracene	1.199	1.176		-1.9	
Benzo(g,h,i)perylene	1.178	1.148		-2.5	
1,2,4,5-Tetrachlorobenzene	0.578	0.565		-2.2	
1,4-Dioxane	0.472	0.463		-1.9	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.394		4.5	

All other compounds must meet a minimum RRF of 0.010.

SHIPPING DOCUMENTS

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

ALLIANCE PROJECT NO.
QUOTE NO. Q2936
COC Number 2045007

7
7.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: AECOM
ADDRESS: 250 Apollo Dr
CITY Chelmsford STATE: MA ZIP: 01824
ATTENTION: Peter S. COX, P.G.
PHONE: 1-978-905-2100 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Equity
PROJECT NO.: LOCATION: Brooklyn NY
PROJECT MANAGER: Peter S. Cox, P.G.
e-mail: Pete.Cox@aecom.com
PHONE: 1-978-905-2100 FAX:

CLIENT BILLING INFORMATION

BILL TO: AECOM PO#: TBD
ADDRESS: 250 Apollo Dr
CITY Chelmsford STATE: MA ZIP: 01824
ATTENTION: Pete Cox PHONE: 1-978-905-2100

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

1 @ 270E-SVOC
2 @ 260D-VOC
3. 4 5 6 7 8 9

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)	PRESERVATIVES 2 (A)	3	4	5	6	7	8	9	COMMENTS
1.	MW-19A-082125	W		X	8/21/25	0825	3	X	X								
2.	MW-19B-082125	W		X	8/21/25	0914	3	X	X								
3.	MW-19C-082125	W		X	8/21/25	1045	3	X	X								
4.	FB-02-082125	W		X	8/21/25	1130	3	X	X								
5.	TB	W		X	8/15/25	0000	2		X								
6.																	
7.																	
8.																	
9.																	
10.																	

PRESERVATIVES: ← Specify Preservatives — A-HCl, B-HN03, C-H2SO4, D-NaOH, E-ICE, F-OTHER

COMMENTS

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	8/21/25 1500	1.
2.		2.
3.	8-21-2025 1730	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☒ COOLER TEMP 3.8°C °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

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

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 : Q2936 AECO02
Client Name : AECOM
Client Contact : Peter S
Invoice Name : AECOM
Invoice Contact : Peter S

Order Date : 8/21/2025 3:57:00 PM
Project Name : National Grid Equity - Broc
Receive DateTime : 8/21/2025 12:00:00 AM 5:30 PM
Purchase Order :

Project Mgr :
Report Type : NYS ASP A
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
Q2936-01	MW-19A-082125	Water	08/21/2025	08:25					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2936-02	MW-19B-082125	Water	08/21/2025	09:14					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2936-03	MW-19C-082125	Water	08/21/2025	10:45					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2936-04	FB-02-082125	Water	08/21/2025	11:30					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2936-05	TB	Water	08/21/2025	08:00					
					VOC-TCLVOA-10		8260D		10 Bus. Days

15d 8 DA

Relinquished By : CL
Date / Time : 8/22/25 8:45

Received By : [signature] adock
Date / Time : 8/22/25 10:30

Storage Area : VOA Refridgerator Room

Stored in VOA ref # 05