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

SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : CON ED UTEN MOUNT VERNON, NY

CDM SMITH

110 Fieldcrest Ave

Raritan Center

Edison, NJ - 08837

Phone No: 732-225-7000

ORDER ID : Q1914

ATTENTION : Marcie Ann Encinas

Laboratory Certification ID # 20012

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Cover Page

Order ID : Q1914

Project ID : Con Ed UTEN Mount Vernon, NY

Client : CDM Smith

Lab Sample Number	Client Sample Number
Q1914-01	SS-1
Q1914-02	SS-91
Q1914-03	SS-2
Q1914-04	SS-3
Q1914-05	SS-4
Q1914-06	SS-5
Q1914-07	SS-6
Q1914-08	SS-7
Q1914-09	SS-8
Q1914-10	SS-8MS
Q1914-11	SS-8MSD
Q1914-12	SS-9
Q1914-14	FB04282025

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

Signature : _____

Date: 5/13/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

CDM Smith
Project Name: Con Ed UTEN Mount Vernon, NY
Project # N/A
Order ID # Q1914
Test Name: VOCMS Group3

A. Number of Samples and Date of Receipt:
12 Solid samples were received on 04/29/2025.
1 Water sample was received on 04/29/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOCMS Group3 and VOCMS Group3. This data package contains results for VOCMS Group3.

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 performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UIThe analysis performed on instrument MSVOA_Y were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOCMS Group3 was based on method 8260D.

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

The Surrogate recoveries met the acceptable criteria except for SS-8 [4-Bromofluorobenzene - 447%, Toluene-d8 - 208%], SS-8MS [4-Bromofluorobenzene - 518%, Toluene-d8 - 225%], SS-8MSD [4-Bromofluorobenzene - 336% and Toluene-d8 - 154%],MS and MSD surrogate failure confirm with parent sample.

The Internal Standards Areas met the acceptable requirements except for SS-6, SS-8,Due to high concentration of compounds, these samples required dilution. Therefore, samples Were reanalyzed with dilution and reported.

The Retention Times were acceptable for all samples.

The MS {Q1914-10MS} with File ID: VY022115.D recoveries met the requirements for all compounds except for 1,2,4-Trimethylbenzene[732%], 1,3,5-Trimethylbenzene[707%], Ethyl Benzene[1566%], Isopropylbenzene[202%], n-Butylbenzene[202%], N-propylbenzene[379%], Sec-butylbenzene[227%], m/p-Xylenes [2399%], o-Xylene [4040%] and Toluene[455%],due to bad Sample matrix interference.

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The MSD {Q1914-11MSD} with File ID: VY022116.D recoveries met the acceptable requirements except for 1,2,4-Trimethylbenzene[343%], 1,3,5-Trimethylbenzene[314%], Ethyl Benzene[914%], Isopropylbenzene[-257%], n-Butylbenzene[0%], N-propylbenzene[0%], p-Isopropyltoluene[0%], Sec-butylbenzene[-57%], m/p-Xylenes [1857%], o-Xylene [2857%] and Toluene[-571%],due to bad sample matrix interference.

The RPD for {Q1914-11MSD} with File ID: VY022116.D met criteria except for 1,2,4-Trimethylbenzene[72%], 1,3,5-Trimethylbenzene[77%], Benzene[24%], Ethyl Benzene[53%], Isopropylbenzene[1669%], Sec-butylbenzene[334%], tert-Butylbenzene[34%], m/p-Xylenes[25%], o-Xylene[34%], N-propylbenzene [200%],p-Isopropyltoluene [200%], n-Butylbenzene [200%] and Toluene[1769%],due to difference in results of MS and MSD.

The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.

The Continuous Calibration File ID VX045985.D met the requirements except for n-Butylbenzene,is failing high but no positive hit in associate sample therefore no corrective action taken.

The Tuning criteria met requirements.

Samples SS-5, SS-6, SS-6ME, SS-7, SS-8 and SS-8ME were diluted due to high concentrations.

Sample SS-7 analyzed at straight medium level as sample was bad and highly contaminated and required further dilution analysis therefore as a precautionary measure no low level analysis performed for the sample.

E. Additional Comments:
The soil samples results are based on a dry weight basis.

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

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

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Signature_____

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CASE NARRATIVE

CDM Smith
Project Name: Con Ed UTEN Mount Vernon, NY
Project # N/A
Order ID # Q1914
Test Name: SVOCMS Group3

A. Number of Samples and Date of Receipt:
12 Solid samples were received on 04/29/2025.
1 Water sample was received on 04/29/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOCMS Group3 and VOCMS Group3. This data package contains results for SVOCMS Group3.

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 dfThe samples were analyzed on instrument BNA_M using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe 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-GGAThe analysis of SVOCMS Group3 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 met the acceptable criteria except for SS-8 [Nitrobenzene-d5 - 138%]. AS per method one Base surrogate is allowed to fail, Therefore no corrective action required.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The MS {Q1914-10MS} with File ID: BM050083.D recoveries met the requirements for all compounds except for Acenaphthene[67%], Acenaphthylene[72%] and Naphthalene[67%] due to matrix interference.
The MSD {Q1914-11MSD} with File ID: BM050084.D recoveries met the acceptable requirements except for Acenaphthylene[78%] due to matrix interference.
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

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The Tuning criteria met requirements.

E. Additional Comments:
The Form 6 is not included in the data package because the Initial Calibration was performed using 8 points.
The soil samples results are based on a dry weight basis.
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_____

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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 #: Q1914

	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:** 05/13/2025

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LAB CHRONICLE

OrderID:	Q1914	**OrderDate:**	4/29/2025 2:19:16 PM
Client:	CDM Smith	**Project:**	Con Ed UTEN Mount Vernon, NY
Contact:	Marcie Ann Encinas	**Location:**	L41,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1914-01	**SS-1**	**SOIL**			**04/28/25**			**04/29/25**
			VOCMS Group3	8260D			05/01/25	
Q1914-02	**SS-91**	**SOIL**			**04/28/25**			**04/29/25**
			VOCMS Group3	8260D			05/01/25	
Q1914-03	**SS-2**	**SOIL**			**04/28/25**			**04/29/25**
			VOCMS Group3	8260D			05/01/25	
Q1914-04	**SS-3**	**SOIL**			**04/28/25**			**04/29/25**
			VOCMS Group3	8260D			05/01/25	
Q1914-05	**SS-4**	**SOIL**			**04/28/25**			**04/29/25**
			VOCMS Group3	8260D			05/01/25	
Q1914-06	**SS-5**	**SOIL**			**04/28/25**			**04/29/25**
			VOCMS Group3	8260D			05/01/25	
Q1914-06ME	**SS-5ME**	**SOIL**			**04/28/25**			**04/29/25**
			VOCMS Group3	8260D			05/06/25	
Q1914-07	**SS-6**	**SOIL**			**04/28/25**			**04/29/25**
			VOCMS Group3	8260D			05/01/25	
Q1914-07ME	**SS-6ME**	**SOIL**			**04/28/25**			**04/29/25**
			VOCMS Group3	8260D			05/06/25	
Q1914-07ME DL	**SS-6MEDL**	**SOIL**			**04/28/25**			**04/29/25**
			VOCMS Group3	8260D			05/05/25	
Q1914-08	**SS-7**	**SOIL**			**04/28/25**			**04/29/25**
			VOCMS Group3	8260D			05/06/25	

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LAB CHRONICLE

Q1914-08DL	**SS-7DL**	**SOIL**			**04/28/25**		**04/29/25**
			VOCMS Group3	8260D		05/05/25	
Q1914-09	**SS-8**	**SOIL**			**04/28/25**		**04/29/25**
			VOCMS Group3	8260D		05/01/25	
Q1914-09ME	**SS-8ME**	**SOIL**			**04/28/25**		**04/29/25**
			VOCMS Group3	8260D		05/06/25	
Q1914-09ME DL	**SS-8MEDL**	**SOIL**			**04/28/25**		**04/29/25**
			VOCMS Group3	8260D		05/05/25	
Q1914-12	**SS-9**	**SOIL**			**04/28/25**		**04/29/25**
			VOCMS Group3	8260D		05/06/25	
Q1914-14	**FB04282025**	**Water**			**04/28/25**		**04/29/25**
			VOCMS Group3	8260-Low		04/30/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1914

Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**SS-91**							
Q1914-02	SS-91	SOIL	1,3,5-Trimethylbenzene	0.87	J	0.62	3.80	ug/Kg
			Total Voc :	0.87				
			Total Concentration:	0.87				
Client ID:	**SS-5**							
Q1914-06	SS-5	SOIL	Benzene	21.6		0.57	3.60	ug/Kg
Q1914-06	SS-5	SOIL	Toluene	110	E	0.56	3.60	ug/Kg
Q1914-06	SS-5	SOIL	Ethyl Benzene	350	E	0.48	3.60	ug/Kg
Q1914-06	SS-5	SOIL	Total Xylenes	1980	E	1.48	10.8	ug/Kg
Q1914-06	SS-5	SOIL	Isopropylbenzene	85.4		0.56	3.60	ug/Kg
Q1914-06	SS-5	SOIL	n-propylbenzene	210	E	0.53	3.60	ug/Kg
Q1914-06	SS-5	SOIL	1,3,5-Trimethylbenzene	390	E	0.59	3.60	ug/Kg
Q1914-06	SS-5	SOIL	1,2,4-Trimethylbenzene	970	E	0.46	3.60	ug/Kg
Q1914-06	SS-5	SOIL	sec-Butylbenzene	64.7		0.47	3.60	ug/Kg
Q1914-06	SS-5	SOIL	p-Isopropyltoluene	44.4		0.45	3.60	ug/Kg
Q1914-06	SS-5	SOIL	n-Butylbenzene	85.8		1.00	3.60	ug/Kg
			Total Voc :	4310				
			Total Concentration:	4310				
Client ID:	**SS-5ME**							
Q1914-06ME	SS-5ME	SOIL	Benzene	88.0	JD	30.0	190	ug/Kg
Q1914-06ME	SS-5ME	SOIL	Toluene	230	D	29.6	190	ug/Kg
Q1914-06ME	SS-5ME	SOIL	Ethyl Benzene	1100	D	25.4	190	ug/Kg
Q1914-06ME	SS-5ME	SOIL	Total Xylenes	4400	D	78.1	570	ug/Kg
Q1914-06ME	SS-5ME	SOIL	Isopropylbenzene	260	D	29.6	190	ug/Kg
Q1914-06ME	SS-5ME	SOIL	n-propylbenzene	650	D	27.7	190	ug/Kg
Q1914-06ME	SS-5ME	SOIL	1,3,5-Trimethylbenzene	930	D	31.1	190	ug/Kg
Q1914-06ME	SS-5ME	SOIL	1,2,4-Trimethylbenzene	3800	D	24.3	190	ug/Kg
Q1914-06ME	SS-5ME	SOIL	sec-Butylbenzene	230	D	25.0	190	ug/Kg
Q1914-06ME	SS-5ME	SOIL	p-Isopropyltoluene	150	JD	23.5	190	ug/Kg
Q1914-06ME	SS-5ME	SOIL	n-Butylbenzene	370	D	55.0	190	ug/Kg
			Total Voc :	12200				
			Total Concentration:	12200				
Client ID:	**SS-6**							
Q1914-07	SS-6	SOIL	Benzene	12.3		0.57	3.60	ug/Kg
Q1914-07	SS-6	SOIL	Toluene	21.5		0.56	3.60	ug/Kg
Q1914-07	SS-6	SOIL	Ethyl Benzene	240	E	0.48	3.60	ug/Kg
Q1914-07	SS-6	SOIL	Total Xylenes	1540	E	1.48	10.8	ug/Kg
Q1914-07	SS-6	SOIL	Isopropylbenzene	71.9		0.56	3.60	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q1914

Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1914-07	SS-6	SOIL	n-propylbenzene	180	E	0.52	3.60	ug/Kg
Q1914-07	SS-6	SOIL	1,3,5-Trimethylbenzene	440	E	0.59	3.60	ug/Kg
Q1914-07	SS-6	SOIL	1,2,4-Trimethylbenzene	760	E	0.46	3.60	ug/Kg
Q1914-07	SS-6	SOIL	sec-Butylbenzene	72.3		0.47	3.60	ug/Kg
Q1914-07	SS-6	SOIL	p-Isopropyltoluene	51.0		0.44	3.60	ug/Kg
Q1914-07	SS-6	SOIL	n-Butylbenzene	100		1.00	3.60	ug/Kg
			Total Voc :	3490				
			Total Concentration:	3490				
Client ID:	**SS-6ME**							
Q1914-07ME	SS-6ME	SOIL	Benzene	170	JD	31.1	200	ug/Kg
Q1914-07ME	SS-6ME	SOIL	Toluene	1600	D	30.7	200	ug/Kg
Q1914-07ME	SS-6ME	SOIL	Ethyl Benzene	5300	ED	26.3	200	ug/Kg
Q1914-07ME	SS-6ME	SOIL	Total Xylenes	31900	ED	80.9	590	ug/Kg
Q1914-07ME	SS-6ME	SOIL	Isopropylbenzene	1700	D	30.7	200	ug/Kg
Q1914-07ME	SS-6ME	SOIL	n-propylbenzene	4900	ED	28.7	200	ug/Kg
Q1914-07ME	SS-6ME	SOIL	1,3,5-Trimethylbenzene	8000	ED	32.2	200	ug/Kg
Q1914-07ME	SS-6ME	SOIL	1,2,4-Trimethylbenzene	29500	ED	25.2	200	ug/Kg
Q1914-07ME	SS-6ME	SOIL	sec-Butylbenzene	2000	D	25.9	200	ug/Kg
Q1914-07ME	SS-6ME	SOIL	p-Isopropyltoluene	1400	D	24.4	200	ug/Kg
Q1914-07ME	SS-6ME	SOIL	n-Butylbenzene	3500	D	57.0	200	ug/Kg
			Total Voc :	90000				
			Total Concentration:	90000				
Client ID:	**SS-6MEDL**							
Q1914-07MEDL	SS-6MEDL	SOIL	Toluene	1500	JD	610	3900	ug/Kg
Q1914-07MEDL	SS-6MEDL	SOIL	Ethyl Benzene	4700	D	530	3900	ug/Kg
Q1914-07MEDL	SS-6MEDL	SOIL	Total Xylenes	27900	D	1610	11800	ug/Kg
Q1914-07MEDL	SS-6MEDL	SOIL	Isopropylbenzene	1700	JD	610	3900	ug/Kg
Q1914-07MEDL	SS-6MEDL	SOIL	n-propylbenzene	4500	D	570	3900	ug/Kg
Q1914-07MEDL	SS-6MEDL	SOIL	1,3,5-Trimethylbenzene	7600	D	640	3900	ug/Kg
Q1914-07MEDL	SS-6MEDL	SOIL	1,2,4-Trimethylbenzene	28100	D	500	3900	ug/Kg
Q1914-07MEDL	SS-6MEDL	SOIL	sec-Butylbenzene	1900	JD	520	3900	ug/Kg
Q1914-07MEDL	SS-6MEDL	SOIL	p-Isopropyltoluene	1300	JD	490	3900	ug/Kg
Q1914-07MEDL	SS-6MEDL	SOIL	n-Butylbenzene	2900	JD	1100	3900	ug/Kg
			Total Voc :	82100				
			Total Concentration:	82100				
Client ID:	**SS-7**							
Q1914-08	SS-7	SOIL	Benzene	120	J	30.8	200	ug/Kg
Q1914-08	SS-7	SOIL	Toluene	1400		30.4	200	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q1914

Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1914-08	SS-7	SOIL	Ethyl Benzene	2200		26.1	200	ug/Kg
Q1914-08	SS-7	SOIL	Total Xylenes	12600		80.4	590	ug/Kg
Q1914-08	SS-7	SOIL	Isopropylbenzene	670		30.4	200	ug/Kg
Q1914-08	SS-7	SOIL	n-propylbenzene	1900		28.5	200	ug/Kg
Q1914-08	SS-7	SOIL	1,3,5-Trimethylbenzene	2900		32.0	200	ug/Kg
Q1914-08	SS-7	SOIL	1,2,4-Trimethylbenzene	11000	E	25.0	200	ug/Kg
Q1914-08	SS-7	SOIL	sec-Butylbenzene	780		25.7	200	ug/Kg
Q1914-08	SS-7	SOIL	p-Isopropyltoluene	520		24.2	200	ug/Kg
Q1914-08	SS-7	SOIL	n-Butylbenzene	1200		56.6	200	ug/Kg
			Total Voc :	35300				
			Total Concentration:	35300				
Client ID:	**SS-7DL**							
Q1914-08DL	SS-7DL	SOIL	Toluene	1300	JD	610	3900	ug/Kg
Q1914-08DL	SS-7DL	SOIL	Ethyl Benzene	2200	JD	520	3900	ug/Kg
Q1914-08DL	SS-7DL	SOIL	Total Xylenes	12200	D	1610	11700	ug/Kg
Q1914-08DL	SS-7DL	SOIL	Isopropylbenzene	640	JD	610	3900	ug/Kg
Q1914-08DL	SS-7DL	SOIL	n-propylbenzene	1800	JD	570	3900	ug/Kg
Q1914-08DL	SS-7DL	SOIL	1,3,5-Trimethylbenzene	3000	JD	640	3900	ug/Kg
Q1914-08DL	SS-7DL	SOIL	1,2,4-Trimethylbenzene	11200	D	500	3900	ug/Kg
Q1914-08DL	SS-7DL	SOIL	sec-Butylbenzene	760	JD	510	3900	ug/Kg
Q1914-08DL	SS-7DL	SOIL	p-Isopropyltoluene	560	JD	480	3900	ug/Kg
			Total Voc :	33700				
			Total Concentration:	33700				
Client ID:	**SS-8**							
Q1914-09	SS-8	SOIL	Benzene	19.9		0.55	3.50	ug/Kg
Q1914-09	SS-8	SOIL	Toluene	640	E	0.55	3.50	ug/Kg
Q1914-09	SS-8	SOIL	Ethyl Benzene	780	E	0.47	3.50	ug/Kg
Q1914-09	SS-8	SOIL	Total Xylenes	4200	E	1.44	10.5	ug/Kg
Q1914-09	SS-8	SOIL	Isopropylbenzene	320	E	0.55	3.50	ug/Kg
Q1914-09	SS-8	SOIL	n-propylbenzene	420	E	0.51	3.50	ug/Kg
Q1914-09	SS-8	SOIL	1,3,5-Trimethylbenzene	470	E	0.57	3.50	ug/Kg
Q1914-09	SS-8	SOIL	1,2,4-Trimethylbenzene	710	E	0.45	3.50	ug/Kg
Q1914-09	SS-8	SOIL	sec-Butylbenzene	280	E	0.46	3.50	ug/Kg
Q1914-09	SS-8	SOIL	p-Isopropyltoluene	180	E	0.43	3.50	ug/Kg
Q1914-09	SS-8	SOIL	n-Butylbenzene	320	E	1.00	3.50	ug/Kg
			Total Voc :	8340				
			Total Concentration:	8340				
Client ID:	**SS-8ME**							

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Hit Summary Sheet
SW-846

SDG No.: Q1914

Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1914-09ME	SS-8ME	SOIL	Benzene	61.4	JD	26.7	170	ug/Kg
Q1914-09ME	SS-8ME	SOIL	Toluene	1200	D	26.4	170	ug/Kg
Q1914-09ME	SS-8ME	SOIL	Ethyl Benzene	2900	D	22.7	170	ug/Kg
Q1914-09ME	SS-8ME	SOIL	Total Xylenes	16700	ED	69.6	510	ug/Kg
Q1914-09ME	SS-8ME	SOIL	Isopropylbenzene	990	D	26.4	170	ug/Kg
Q1914-09ME	SS-8ME	SOIL	n-propylbenzene	3000	D	24.7	170	ug/Kg
Q1914-09ME	SS-8ME	SOIL	1,3,5-Trimethylbenzene	5100	ED	27.7	170	ug/Kg
Q1914-09ME	SS-8ME	SOIL	1,2,4-Trimethylbenzene	18300	ED	21.6	170	ug/Kg
Q1914-09ME	SS-8ME	SOIL	sec-Butylbenzene	1300	D	22.3	170	ug/Kg
Q1914-09ME	SS-8ME	SOIL	p-Isopropyltoluene	940	D	21.0	170	ug/Kg
Q1914-09ME	SS-8ME	SOIL	n-Butylbenzene	2400	D	49.0	170	ug/Kg
			Total Voc :	52900				
			Total Concentration:	52900				
Client ID:	**SS-8MEDL**							
Q1914-09MEDL	SS-8MEDL	SOIL	Toluene	1100	JD	530	3400	ug/Kg
Q1914-09MEDL	SS-8MEDL	SOIL	Ethyl Benzene	2700	JD	450	3400	ug/Kg
Q1914-09MEDL	SS-8MEDL	SOIL	Total Xylenes	15200	D	1390	10200	ug/Kg
Q1914-09MEDL	SS-8MEDL	SOIL	Isopropylbenzene	1000	JD	530	3400	ug/Kg
Q1914-09MEDL	SS-8MEDL	SOIL	n-propylbenzene	2900	JD	490	3400	ug/Kg
Q1914-09MEDL	SS-8MEDL	SOIL	1,3,5-Trimethylbenzene	5200	D	550	3400	ug/Kg
Q1914-09MEDL	SS-8MEDL	SOIL	1,2,4-Trimethylbenzene	18900	D	430	3400	ug/Kg
Q1914-09MEDL	SS-8MEDL	SOIL	sec-Butylbenzene	1300	JD	450	3400	ug/Kg
Q1914-09MEDL	SS-8MEDL	SOIL	p-Isopropyltoluene	900	JD	420	3400	ug/Kg
Q1914-09MEDL	SS-8MEDL	SOIL	n-Butylbenzene	2100	JD	980	3400	ug/Kg
			Total Voc :	51300				
			Total Concentration:	51300				

SAMPLE DATA

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Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-1	SDG No.:	Q1914
Lab Sample ID:	Q1914-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	88.7
Sample Wt/Vol:	7.72 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022107.D	1		05/01/25 15:02	VY050125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	3.70	U	0.58	3.70	ug/Kg
108-88-3	Toluene	3.70	U	0.57	3.70	ug/Kg
100-41-4	Ethyl Benzene	3.70	U	0.49	3.70	ug/Kg
1330-20-7	Total Xylenes	11.0	U	1.51	11.0	ug/Kg
98-82-8	Isopropylbenzene	3.70	U	0.57	3.70	ug/Kg
103-65-1	n-propylbenzene	3.70	U	0.53	3.70	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	3.70	U	0.60	3.70	ug/Kg
98-06-6	tert-Butylbenzene	3.70	U	0.49	3.70	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	3.70	U	0.47	3.70	ug/Kg
135-98-8	sec-Butylbenzene	3.70	U	0.48	3.70	ug/Kg
99-87-6	p-Isopropyltoluene	3.70	U	0.45	3.70	ug/Kg
104-51-8	n-Butylbenzene	3.70	U	1.10	3.70	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.7		63 - 155	93%	SPK: 50
1868-53-7	Dibromofluoromethane	48.7		70 - 134	97%	SPK: 50
2037-26-5	Toluene-d8	47.7		74 - 123	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.8		38 - 136	88%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	324000	7.707			
540-36-3	1,4-Difluorobenzene	598000	8.616			
3114-55-4	Chlorobenzene-d5	535000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	218000	13.346			

U = Not Detected
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N = Presumptive Evidence of a Compound
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D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-91	SDG No.:	Q1914
Lab Sample ID:	Q1914-02	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	86.5
Sample Wt/Vol:	7.6 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022108.D	1		05/01/25 15:28	VY050125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	3.80	U	0.60	3.80	ug/Kg
108-88-3	Toluene	3.80	U	0.59	3.80	ug/Kg
100-41-4	Ethyl Benzene	3.80	U	0.51	3.80	ug/Kg
1330-20-7	Total Xylenes	11.4	U	1.56	11.4	ug/Kg
98-82-8	Isopropylbenzene	3.80	U	0.59	3.80	ug/Kg
103-65-1	n-propylbenzene	3.80	U	0.56	3.80	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	0.87	J	0.62	3.80	ug/Kg
98-06-6	tert-Butylbenzene	3.80	U	0.51	3.80	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	3.80	U	0.49	3.80	ug/Kg
135-98-8	sec-Butylbenzene	3.80	U	0.50	3.80	ug/Kg
99-87-6	p-Isopropyltoluene	3.80	U	0.47	3.80	ug/Kg
104-51-8	n-Butylbenzene	3.80	U	1.10	3.80	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	43.1		63 - 155	86%	SPK: 50
1868-53-7	Dibromofluoromethane	46.8		70 - 134	94%	SPK: 50
2037-26-5	Toluene-d8	48.4		74 - 123	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.5		38 - 136	89%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	377000	7.707			
540-36-3	1,4-Difluorobenzene	687000	8.615			
3114-55-4	Chlorobenzene-d5	619000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	255000	13.346			

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Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-2	SDG No.:	Q1914
Lab Sample ID:	Q1914-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	84.1
Sample Wt/Vol:	8.24 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022109.D	1		05/01/25 16:04	VY050125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	3.60	U	0.57	3.60	ug/Kg
108-88-3	Toluene	3.60	U	0.56	3.60	ug/Kg
100-41-4	Ethyl Benzene	3.60	U	0.48	3.60	ug/Kg
1330-20-7	Total Xylenes	10.8	U	1.48	10.8	ug/Kg
98-82-8	Isopropylbenzene	3.60	U	0.56	3.60	ug/Kg
103-65-1	n-propylbenzene	3.60	U	0.53	3.60	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	3.60	U	0.59	3.60	ug/Kg
98-06-6	tert-Butylbenzene	3.60	U	0.48	3.60	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	3.60	U	0.46	3.60	ug/Kg
135-98-8	sec-Butylbenzene	3.60	U	0.48	3.60	ug/Kg
99-87-6	p-Isopropyltoluene	3.60	U	0.45	3.60	ug/Kg
104-51-8	n-Butylbenzene	3.60	U	1.00	3.60	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.8		63 - 155	110%	SPK: 50
1868-53-7	Dibromofluoromethane	50.6		70 - 134	101%	SPK: 50
2037-26-5	Toluene-d8	48.3		74 - 123	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.0		38 - 136	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	335000	7.707			
540-36-3	1,4-Difluorobenzene	631000	8.616			
3114-55-4	Chlorobenzene-d5	599000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	259000	13.346			

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Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-3	SDG No.:	Q1914
Lab Sample ID:	Q1914-04	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	87.5
Sample Wt/Vol:	7.62 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022110.D	1		05/01/25 16:27	VY050125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	3.70	U	0.59	3.70	ug/Kg
108-88-3	Toluene	3.70	U	0.58	3.70	ug/Kg
100-41-4	Ethyl Benzene	3.70	U	0.50	3.70	ug/Kg
1330-20-7	Total Xylenes	11.2	U	1.54	11.2	ug/Kg
98-82-8	Isopropylbenzene	3.70	U	0.58	3.70	ug/Kg
103-65-1	n-propylbenzene	3.70	U	0.55	3.70	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	3.70	U	0.61	3.70	ug/Kg
98-06-6	tert-Butylbenzene	3.70	U	0.50	3.70	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	3.70	U	0.48	3.70	ug/Kg
135-98-8	sec-Butylbenzene	3.70	U	0.49	3.70	ug/Kg
99-87-6	p-Isopropyltoluene	3.70	U	0.46	3.70	ug/Kg
104-51-8	n-Butylbenzene	3.70	U	1.10	3.70	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.8		63 - 155	102%	SPK: 50
1868-53-7	Dibromofluoromethane	49.7		70 - 134	99%	SPK: 50
2037-26-5	Toluene-d8	48.0		74 - 123	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.0		38 - 136	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	334000	7.707			
540-36-3	1,4-Difluorobenzene	624000	8.616			
3114-55-4	Chlorobenzene-d5	569000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	236000	13.346			

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Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-4	SDG No.:	Q1914
Lab Sample ID:	Q1914-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	86.5
Sample Wt/Vol:	7.07 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022111.D	1		05/01/25 16:49	VY050125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	4.10	U	0.65	4.10	ug/Kg
108-88-3	Toluene	4.10	U	0.64	4.10	ug/Kg
100-41-4	Ethyl Benzene	4.10	U	0.55	4.10	ug/Kg
1330-20-7	Total Xylenes	12.3	U	1.67	12.3	ug/Kg
98-82-8	Isopropylbenzene	4.10	U	0.64	4.10	ug/Kg
103-65-1	n-propylbenzene	4.10	U	0.60	4.10	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	4.10	U	0.67	4.10	ug/Kg
98-06-6	tert-Butylbenzene	4.10	U	0.55	4.10	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	4.10	U	0.52	4.10	ug/Kg
135-98-8	sec-Butylbenzene	4.10	U	0.54	4.10	ug/Kg
99-87-6	p-Isopropyltoluene	4.10	U	0.51	4.10	ug/Kg
104-51-8	n-Butylbenzene	4.10	U	1.20	4.10	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.7		63 - 155	101%	SPK: 50
1868-53-7	Dibromofluoromethane	49.4		70 - 134	99%	SPK: 50
2037-26-5	Toluene-d8	47.2		74 - 123	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.7		38 - 136	79%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	330000	7.707			
540-36-3	1,4-Difluorobenzene	612000	8.616			
3114-55-4	Chlorobenzene-d5	536000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	200000	13.346			

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Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-5	SDG No.:	Q1914
Lab Sample ID:	Q1914-06	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	89.7
Sample Wt/Vol:	7.75 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022112.D	1		05/01/25 17:16	VY050125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	21.6		0.57	3.60	ug/Kg
108-88-3	Toluene	110	E	0.56	3.60	ug/Kg
100-41-4	Ethyl Benzene	350	E	0.48	3.60	ug/Kg
1330-20-7	Total Xylenes	1980	E	1.48	10.8	ug/Kg
98-82-8	Isopropylbenzene	85.4		0.56	3.60	ug/Kg
103-65-1	n-propylbenzene	210	E	0.53	3.60	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	390	E	0.59	3.60	ug/Kg
98-06-6	tert-Butylbenzene	3.60	U	0.48	3.60	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	970	E	0.46	3.60	ug/Kg
135-98-8	sec-Butylbenzene	64.7		0.47	3.60	ug/Kg
99-87-6	p-Isopropyltoluene	44.4		0.45	3.60	ug/Kg
104-51-8	n-Butylbenzene	85.8		1.00	3.60	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.8		63 - 155	96%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		70 - 134	98%	SPK: 50
2037-26-5	Toluene-d8	58.2		74 - 123	116%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.5		38 - 136	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	349000	7.707			
540-36-3	1,4-Difluorobenzene	593000	8.616			
3114-55-4	Chlorobenzene-d5	525000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	237000	13.353			

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Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-5ME	SDG No.:	Q1914
Lab Sample ID:	Q1914-06ME	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	89.7
Sample Wt/Vol:	7.35 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086518.D	1		05/06/25 16:35	VN050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	88.0	JD	30.0	190	ug/Kg
108-88-3	Toluene	230	D	29.6	190	ug/Kg
100-41-4	Ethyl Benzene	1100	D	25.4	190	ug/Kg
1330-20-7	Total Xylenes	4400	D	78.1	570	ug/Kg
98-82-8	Isopropylbenzene	260	D	29.6	190	ug/Kg
103-65-1	n-propylbenzene	650	D	27.7	190	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	930	D	31.1	190	ug/Kg
98-06-6	tert-Butylbenzene	190	UD	25.4	190	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	3800	D	24.3	190	ug/Kg
135-98-8	sec-Butylbenzene	230	D	25.0	190	ug/Kg
99-87-6	p-Isopropyltoluene	150	JD	23.5	190	ug/Kg
104-51-8	n-Butylbenzene	370	D	55.0	190	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.1		63 - 155	96%	SPK: 50
1868-53-7	Dibromofluoromethane	55.8		70 - 134	112%	SPK: 50
2037-26-5	Toluene-d8	52.0		74 - 123	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.0		38 - 136	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	170000	8.218			
540-36-3	1,4-Difluorobenzene	319000	9.094			
3114-55-4	Chlorobenzene-d5	298000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	131000	13.788			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
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E = Value Exceeds Calibration Range
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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
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-6	SDG No.:	Q1914
Lab Sample ID:	Q1914-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	83.8
Sample Wt/Vol:	8.34 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022113.D	1		05/01/25 17:37	VY050125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	12.3		0.57	3.60	ug/Kg
108-88-3	Toluene	21.5		0.56	3.60	ug/Kg
100-41-4	Ethyl Benzene	240	E	0.48	3.60	ug/Kg
1330-20-7	Total Xylenes	1540	E	1.48	10.8	ug/Kg
98-82-8	Isopropylbenzene	71.9		0.56	3.60	ug/Kg
103-65-1	n-propylbenzene	180	E	0.52	3.60	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	440	E	0.59	3.60	ug/Kg
98-06-6	tert-Butylbenzene	3.60	U	0.48	3.60	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	760	E	0.46	3.60	ug/Kg
135-98-8	sec-Butylbenzene	72.3		0.47	3.60	ug/Kg
99-87-6	p-Isopropyltoluene	51.0		0.44	3.60	ug/Kg
104-51-8	n-Butylbenzene	100		1.00	3.60	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	35.5		63 - 155	71%	SPK: 50
1868-53-7	Dibromofluoromethane	45.1		70 - 134	90%	SPK: 50
2037-26-5	Toluene-d8	54.9		74 - 123	110%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.3		38 - 136	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	547000	7.707			
540-36-3	1,4-Difluorobenzene	868000	8.616			
3114-55-4	Chlorobenzene-d5	697000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	327000	13.346			

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Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-6ME	SDG No.:	Q1914
Lab Sample ID:	Q1914-07ME	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	83.8
Sample Wt/Vol:	7.59 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086519.D	1		05/06/25 16:59	VN050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	170	JD	31.1	200	ug/Kg
108-88-3	Toluene	1600	D	30.7	200	ug/Kg
100-41-4	Ethyl Benzene	5300	ED	26.3	200	ug/Kg
1330-20-7	Total Xylenes	31900	ED	80.9	590	ug/Kg
98-82-8	Isopropylbenzene	1700	D	30.7	200	ug/Kg
103-65-1	n-propylbenzene	4900	ED	28.7	200	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	8000	ED	32.2	200	ug/Kg
98-06-6	tert-Butylbenzene	200	UD	26.3	200	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	29500	ED	25.2	200	ug/Kg
135-98-8	sec-Butylbenzene	2000	D	25.9	200	ug/Kg
99-87-6	p-Isopropyltoluene	1400	D	24.4	200	ug/Kg
104-51-8	n-Butylbenzene	3500	D	57.0	200	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.0		63 - 155	94%	SPK: 50
1868-53-7	Dibromofluoromethane	55.4		70 - 134	111%	SPK: 50
2037-26-5	Toluene-d8	54.9		74 - 123	110%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.4		38 - 136	113%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	172000	8.218			
540-36-3	1,4-Difluorobenzene	323000	9.094			
3114-55-4	Chlorobenzene-d5	314000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	149000	13.788			

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Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-6MEDL	SDG No.:	Q1914
Lab Sample ID:	Q1914-07MEDL	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	83.8
Sample Wt/Vol:	7.59 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086494.D	20		05/05/25 18:25	VN050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	3900	UD	620	3900	ug/Kg
108-88-3	Toluene	1500	JD	610	3900	ug/Kg
100-41-4	Ethyl Benzene	4700	D	530	3900	ug/Kg
1330-20-7	Total Xylenes	27900	D	1610	11800	ug/Kg
98-82-8	Isopropylbenzene	1700	JD	610	3900	ug/Kg
103-65-1	n-propylbenzene	4500	D	570	3900	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	7600	D	640	3900	ug/Kg
98-06-6	tert-Butylbenzene	3900	UD	530	3900	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	28100	D	500	3900	ug/Kg
135-98-8	sec-Butylbenzene	1900	JD	520	3900	ug/Kg
99-87-6	p-Isopropyltoluene	1300	JD	490	3900	ug/Kg
104-51-8	n-Butylbenzene	2900	JD	1100	3900	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.6		63 - 155	93%	SPK: 50
1868-53-7	Dibromofluoromethane	59.7		70 - 134	119%	SPK: 50
2037-26-5	Toluene-d8	52.5		74 - 123	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.2		38 - 136	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	167000	8.224			
540-36-3	1,4-Difluorobenzene	307000	9.1			
3114-55-4	Chlorobenzene-d5	303000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	141000	13.788			

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Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-7	SDG No.:	Q1914
Lab Sample ID:	Q1914-08	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	85
Sample Wt/Vol:	7.54 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086520.D	1		05/06/25 17:23	VN050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	120	J	30.8	200	ug/Kg
108-88-3	Toluene	1400		30.4	200	ug/Kg
100-41-4	Ethyl Benzene	2200		26.1	200	ug/Kg
1330-20-7	Total Xylenes	12600		80.4	590	ug/Kg
98-82-8	Isopropylbenzene	670		30.4	200	ug/Kg
103-65-1	n-propylbenzene	1900		28.5	200	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	2900		32.0	200	ug/Kg
98-06-6	tert-Butylbenzene	200	U	26.1	200	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	11000	E	25.0	200	ug/Kg
135-98-8	sec-Butylbenzene	780		25.7	200	ug/Kg
99-87-6	p-Isopropyltoluene	520		24.2	200	ug/Kg
104-51-8	n-Butylbenzene	1200		56.6	200	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.4		63 - 155	91%	SPK: 50
1868-53-7	Dibromofluoromethane	55.7		70 - 134	111%	SPK: 50
2037-26-5	Toluene-d8	52.8		74 - 123	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.8		38 - 136	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	199000	8.218			
540-36-3	1,4-Difluorobenzene	370000	9.094			
3114-55-4	Chlorobenzene-d5	347000	11.859			
3855-82-1	1,4-Dichlorobenzene-d4	153000	13.788			

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Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-7DL	SDG No.:	Q1914
Lab Sample ID:	Q1914-08DL	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	85
Sample Wt/Vol:	7.54 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086495.D	20		05/05/25 18:49	VN050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	3900	UD	620	3900	ug/Kg
108-88-3	Toluene	1300	JD	610	3900	ug/Kg
100-41-4	Ethyl Benzene	2200	JD	520	3900	ug/Kg
1330-20-7	Total Xylenes	12200	D	1610	11700	ug/Kg
98-82-8	Isopropylbenzene	640	JD	610	3900	ug/Kg
103-65-1	n-propylbenzene	1800	JD	570	3900	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	3000	JD	640	3900	ug/Kg
98-06-6	tert-Butylbenzene	3900	UD	520	3900	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	11200	D	500	3900	ug/Kg
135-98-8	sec-Butylbenzene	760	JD	510	3900	ug/Kg
99-87-6	p-Isopropyltoluene	560	JD	480	3900	ug/Kg
104-51-8	n-Butylbenzene	3900	UD	1100	3900	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.7		63 - 155	95%	SPK: 50
1868-53-7	Dibromofluoromethane	58.3		70 - 134	117%	SPK: 50
2037-26-5	Toluene-d8	50.2		74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.9		38 - 136	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	163000	8.224			
540-36-3	1,4-Difluorobenzene	307000	9.1			
3114-55-4	Chlorobenzene-d5	284000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	128000	13.788			

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Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-8	SDG No.:	Q1914
Lab Sample ID:	Q1914-09	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.4
Sample Wt/Vol:	7.74 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022114.D	1		05/01/25 18:00	VY050125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	19.9		0.55	3.50	ug/Kg
108-88-3	Toluene	640	E	0.55	3.50	ug/Kg
100-41-4	Ethyl Benzene	780	E	0.47	3.50	ug/Kg
1330-20-7	Total Xylenes	4200	E	1.44	10.5	ug/Kg
98-82-8	Isopropylbenzene	320	E	0.55	3.50	ug/Kg
103-65-1	n-propylbenzene	420	E	0.51	3.50	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	470	E	0.57	3.50	ug/Kg
98-06-6	tert-Butylbenzene	3.50	U	0.47	3.50	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	710	E	0.45	3.50	ug/Kg
135-98-8	sec-Butylbenzene	280	E	0.46	3.50	ug/Kg
99-87-6	p-Isopropyltoluene	180	E	0.43	3.50	ug/Kg
104-51-8	n-Butylbenzene	320	E	1.00	3.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	36.9		63 - 155	74%	SPK: 50
1868-53-7	Dibromofluoromethane	48.3		70 - 134	97%	SPK: 50
2037-26-5	Toluene-d8	100	*	74 - 123	208%	SPK: 50
460-00-4	4-Bromofluorobenzene	220	*	38 - 136	447%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	521000	7.707			
540-36-3	1,4-Difluorobenzene	815000	8.616			
3114-55-4	Chlorobenzene-d5	583000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	512000	13.353			

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Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-8ME	SDG No.:	Q1914
Lab Sample ID:	Q1914-09ME	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.4
Sample Wt/Vol:	8 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086521.D	1		05/06/25 17:48	VN050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	61.4	JD	26.7	170	ug/Kg
108-88-3	Toluene	1200	D	26.4	170	ug/Kg
100-41-4	Ethyl Benzene	2900	D	22.7	170	ug/Kg
1330-20-7	Total Xylenes	16700	ED	69.6	510	ug/Kg
98-82-8	Isopropylbenzene	990	D	26.4	170	ug/Kg
103-65-1	n-propylbenzene	3000	D	24.7	170	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	5100	ED	27.7	170	ug/Kg
98-06-6	tert-Butylbenzene	170	UD	22.7	170	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	18300	ED	21.6	170	ug/Kg
135-98-8	sec-Butylbenzene	1300	D	22.3	170	ug/Kg
99-87-6	p-Isopropyltoluene	940	D	21.0	170	ug/Kg
104-51-8	n-Butylbenzene	2400	D	49.0	170	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.8		63 - 155	92%	SPK: 50
1868-53-7	Dibromofluoromethane	54.7		70 - 134	109%	SPK: 50
2037-26-5	Toluene-d8	52.7		74 - 123	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.7		38 - 136	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	203000	8.218			
540-36-3	1,4-Difluorobenzene	380000	9.094			
3114-55-4	Chlorobenzene-d5	349000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	167000	13.788			

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* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-8MEDL	SDG No.:	Q1914
Lab Sample ID:	Q1914-09MEDL	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.4
Sample Wt/Vol:	8 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086496.D	20		05/05/25 19:14	VN050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	3400	UD	530	3400	ug/Kg
108-88-3	Toluene	1100	JD	530	3400	ug/Kg
100-41-4	Ethyl Benzene	2700	JD	450	3400	ug/Kg
1330-20-7	Total Xylenes	15200	D	1390	10200	ug/Kg
98-82-8	Isopropylbenzene	1000	JD	530	3400	ug/Kg
103-65-1	n-propylbenzene	2900	JD	490	3400	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	5200	D	550	3400	ug/Kg
98-06-6	tert-Butylbenzene	3400	UD	450	3400	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	18900	D	430	3400	ug/Kg
135-98-8	sec-Butylbenzene	1300	JD	450	3400	ug/Kg
99-87-6	p-Isopropyltoluene	900	JD	420	3400	ug/Kg
104-51-8	n-Butylbenzene	2100	JD	980	3400	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.5		63 - 155	95%	SPK: 50
1868-53-7	Dibromofluoromethane	59.2		70 - 134	118%	SPK: 50
2037-26-5	Toluene-d8	51.5		74 - 123	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.6		38 - 136	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	168000	8.224			
540-36-3	1,4-Difluorobenzene	313000	9.1			
3114-55-4	Chlorobenzene-d5	300000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	141000	13.788			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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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
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Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-9	SDG No.:	Q1914
Lab Sample ID:	Q1914-12	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	87.1
Sample Wt/Vol:	7.92 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022178.D	1		05/06/25 13:03	VY050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	3.60	U	0.57	3.60	ug/Kg
108-88-3	Toluene	3.60	U	0.57	3.60	ug/Kg
100-41-4	Ethyl Benzene	3.60	U	0.49	3.60	ug/Kg
1330-20-7	Total Xylenes	10.8	U	1.49	10.8	ug/Kg
98-82-8	Isopropylbenzene	3.60	U	0.57	3.60	ug/Kg
103-65-1	n-propylbenzene	3.60	U	0.53	3.60	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	3.60	U	0.59	3.60	ug/Kg
98-06-6	tert-Butylbenzene	3.60	U	0.49	3.60	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	3.60	U	0.46	3.60	ug/Kg
135-98-8	sec-Butylbenzene	3.60	U	0.48	3.60	ug/Kg
99-87-6	p-Isopropyltoluene	3.60	U	0.45	3.60	ug/Kg
104-51-8	n-Butylbenzene	3.60	U	1.10	3.60	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.4		63 - 155	113%	SPK: 50
1868-53-7	Dibromofluoromethane	52.0		70 - 134	104%	SPK: 50
2037-26-5	Toluene-d8	49.2		74 - 123	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	38.8		38 - 136	78%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	197000	7.713			
540-36-3	1,4-Difluorobenzene	384000	8.616			
3114-55-4	Chlorobenzene-d5	340000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	121000	13.346			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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N = Presumptive Evidence of a Compound
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A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	FB04282025	SDG No.:	Q1914
Lab Sample ID:	Q1914-14	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045991.D	1		04/30/25 12:32	VX043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	1.00	U	0.15	1.00	ug/L
108-88-3	Toluene	1.00	U	0.14	1.00	ug/L
100-41-4	Ethyl Benzene	1.00	U	0.13	1.00	ug/L
1330-20-7	Total Xylenes	3.00	U	0.36	3.00	ug/L
98-82-8	Isopropylbenzene	1.00	U	0.12	1.00	ug/L
103-65-1	n-propylbenzene	1.00	U	0.13	1.00	ug/L
108-67-8	1,3,5-Trimethylbenzene	1.00	U	0.15	1.00	ug/L
98-06-6	tert-Butylbenzene	1.00	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	1.00	U	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	1.00	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	1.00	U	0.13	1.00	ug/L
104-51-8	n-Butylbenzene	1.00	U	0.15	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.5		74 - 125	111%	SPK: 50
1868-53-7	Dibromofluoromethane	52.6		75 - 124	105%	SPK: 50
2037-26-5	Toluene-d8	50.2		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.9		77 - 121	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	59300	5.55			
540-36-3	1,4-Difluorobenzene	118000	6.757			
3114-55-4	Chlorobenzene-d5	108000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	46100	12.018			

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LOQ = Limit of Quantitation
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QC SUMMARY

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Surrogate Summary

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q1914-01	SS-1	1,2-Dichloroethane-d4	50	46.7	93	63	155
		Dibromofluoromethane	50	48.7	97	70	134
		Toluene-d8	50	47.7	95	74	123
		4-Bromofluorobenzene	50	43.8	88	38	136
Q1914-02	SS-91	1,2-Dichloroethane-d4	50	43.1	86	63	155
		Dibromofluoromethane	50	46.8	94	70	134
		Toluene-d8	50	48.4	97	74	123
		4-Bromofluorobenzene	50	44.5	89	38	136
Q1914-03	SS-2	1,2-Dichloroethane-d4	50	54.8	110	63	155
		Dibromofluoromethane	50	50.6	101	70	134
		Toluene-d8	50	48.3	97	74	123
		4-Bromofluorobenzene	50	48.0	96	38	136
Q1914-04	SS-3	1,2-Dichloroethane-d4	50	50.8	102	63	155
		Dibromofluoromethane	50	49.7	99	70	134
		Toluene-d8	50	48.0	96	74	123
		4-Bromofluorobenzene	50	45.0	90	38	136
Q1914-05	SS-4	1,2-Dichloroethane-d4	50	50.7	101	63	155
		Dibromofluoromethane	50	49.4	99	70	134
		Toluene-d8	50	47.2	94	74	123
		4-Bromofluorobenzene	50	39.7	79	38	136
Q1914-06	SS-5	1,2-Dichloroethane-d4	50	47.8	96	63	155
		Dibromofluoromethane	50	49.1	98	70	134
		Toluene-d8	50	58.2	116	74	123
		4-Bromofluorobenzene	50	55.5	111	38	136
Q1914-06ME	SS-5ME	1,2-Dichloroethane-d4	50	48.1	96	63	155
		Dibromofluoromethane	50	55.8	112	70	134
		Toluene-d8	50	52.0	104	74	123
		4-Bromofluorobenzene	50	48.0	96	38	136
Q1914-07	SS-6	1,2-Dichloroethane-d4	50	35.5	71	63	155
		Dibromofluoromethane	50	45.0	90	70	134
		Toluene-d8	50	54.9	110	74	123
		4-Bromofluorobenzene	50	54.3	109	38	136
Q1914-07ME	SS-6ME	1,2-Dichloroethane-d4	50	47.0	94	63	155
		Dibromofluoromethane	50	55.4	111	70	134
		Toluene-d8	50	54.9	110	74	123
		4-Bromofluorobenzene	50	56.4	113	38	136
Q1914-07MEDL	SS-6MEDL	1,2-Dichloroethane-d4	50	46.5	93	63	155
		Dibromofluoromethane	50	59.7	119	70	134
		Toluene-d8	50	52.5	105	74	123
		4-Bromofluorobenzene	50	54.2	108	38	136
Q1914-08	SS-7	1,2-Dichloroethane-d4	50	45.4	91	63	155
		Dibromofluoromethane	50	55.7	111	70	134
		Toluene-d8	50	52.8	106	74	123
		4-Bromofluorobenzene	50	49.8	100	38	136
Q1914-08DL	SS-7DL	1,2-Dichloroethane-d4	50	47.7	95	63	155
		Dibromofluoromethane	50	58.3	117	70	134
		Toluene-d8	50	50.2	100	74	123
		4-Bromofluorobenzene	50	49.9	100	38	136
Q1914-09	SS-8	1,2-Dichloroethane-d4	50	36.9	74	63	155
		Dibromofluoromethane	50	48.3	97	70	134

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Surrogate Summary

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery	Qual	Limits Low	Limits High
Q1914-09	SS-8	Toluene-d8	50	104	208	*	74	123
		4-Bromofluorobenzene	50	224	447	*	38	136
Q1914-09ME	SS-8ME	1,2-Dichloroethane-d4	50	45.8	92		63	155
		Dibromofluoromethane	50	54.7	109		70	134
		Toluene-d8	50	52.7	105		74	123
		4-Bromofluorobenzene	50	52.7	105		38	136
Q1914-09MEDL	SS-8MEDL	1,2-Dichloroethane-d4	50	47.5	95		63	155
		Dibromofluoromethane	50	59.2	118		70	134
		Toluene-d8	50	51.5	103		74	123
		4-Bromofluorobenzene	50	53.6	107		38	136
Q1914-10MS	SS-8MS	1,2-Dichloroethane-d4	50	41.1	82		63	155
		Dibromofluoromethane	50	47.5	95		70	134
		Toluene-d8	50	113	225	*	74	123
		4-Bromofluorobenzene	50	259	518	*	38	136
Q1914-11MSD	SS-8MSD	1,2-Dichloroethane-d4	50	48.9	98		63	155
		Dibromofluoromethane	50	50.0	100		70	134
		Toluene-d8	50	76.8	154	*	74	123
		4-Bromofluorobenzene	50	168	336	*	38	136
Q1914-12	SS-9	1,2-Dichloroethane-d4	50	56.4	113		63	155
		Dibromofluoromethane	50	52.0	104		70	134
		Toluene-d8	50	49.2	98		74	123
		4-Bromofluorobenzene	50	38.8	78		38	136
VN0505MBL01	VN0505MBL01	1,2-Dichloroethane-d4	50	48.4	97		63	155
		Dibromofluoromethane	50	60.5	121		70	134
		Toluene-d8	50	51.1	102		74	123
		4-Bromofluorobenzene	50	48.6	97		38	136
VN0505MBS01	VN0505MBS01	1,2-Dichloroethane-d4	50	51.5	103		63	155
		Dibromofluoromethane	50	57.3	115		70	134
		Toluene-d8	50	50.8	102		74	123
		4-Bromofluorobenzene	50	51.3	103		38	136
VN0506MBL01	VN0506MBL01	1,2-Dichloroethane-d4	50	46.9	94		63	155
		Dibromofluoromethane	50	60.6	121		70	134
		Toluene-d8	50	50.7	101		74	123
		4-Bromofluorobenzene	50	48.7	97		38	136
VN0506MBS01	VN0506MBS01	1,2-Dichloroethane-d4	50	48.6	97		63	155
		Dibromofluoromethane	50	57.7	115		70	134
		Toluene-d8	50	50.2	100		74	123
		4-Bromofluorobenzene	50	47.2	94		38	136
VY0501SBL01	VY0501SBL01	1,2-Dichloroethane-d4	50	49.2	98		63	155
		Dibromofluoromethane	50	50.6	101		70	134
		Toluene-d8	50	47.8	96		74	123
		4-Bromofluorobenzene	50	53.1	106		38	136
VY0501SBS01	VY0501SBS01	1,2-Dichloroethane-d4	50	47.5	95		63	155
		Dibromofluoromethane	50	49.5	99		70	134
		Toluene-d8	50	50.1	100		74	123
		4-Bromofluorobenzene	50	49.3	99		38	136
VY0506SBL01	VY0506SBL01	1,2-Dichloroethane-d4	50	55.3	111		63	155
		Dibromofluoromethane	50	50.7	101		70	134
		Toluene-d8	50	48.2	96		74	123
		4-Bromofluorobenzene	50	53.8	108		38	136

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Surrogate Summary

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
VY0506SBS01	VY0506SBS01	1,2-Dichloroethane-d4	50	51.6	103	63	155
		Dibromofluoromethane	50	50.1	100	70	134
		Toluene-d8	50	50.8	102	74	123
		4-Bromofluorobenzene	50	50.6	101	38	136

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Surrogate Summary

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q1914-14	FB04282025	1,2-Dichloroethane-d4	50	55.5	111	74	125
		Dibromofluoromethane	50	52.6	105	75	124
		Toluene-d8	50	50.2	100	86	113
		4-Bromofluorobenzene	50	50.9	102	77	121
VX0430WBL01	VX0430WBL01	1,2-Dichloroethane-d4	50	56.3	113	74	125
		Dibromofluoromethane	50	52.5	105	75	124
		Toluene-d8	50	50.4	101	86	113
		4-Bromofluorobenzene	50	51.9	104	77	121
VX0430WBS01	VX0430WBS01	1,2-Dichloroethane-d4	50	54.6	109	74	125
		Dibromofluoromethane	50	56.5	113	75	124
		Toluene-d8	50	52.1	104	86	113
		4-Bromofluorobenzene	50	55.7	111	77	121
VX0430WBSD0	VX0430WBSD01	1,2-Dichloroethane-d4	50	54.3	109	74	125
		Dibromofluoromethane	50	56.5	113	75	124
		Toluene-d8	50	52.0	104	86	113
		4-Bromofluorobenzene	50	56.5	113	77	121

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID :	**Q1914-10MS**	**Client Sample ID :**	**SS-8MS**						**Datafile :**	VY022115.D	
Benzene	39.6	19.9	58.5	ug/Kg	97				59	140	
Toluene	39.6	640	820	ug/Kg	455	*			61	134	
Ethyl Benzene	39.6	780	1400	ug/Kg	1566	*			54	134	
m/p-Xylenes	79.2	2200	4100	ug/Kg	2399	*			51	137	
o-Xylene	39.6	2000	3600	ug/Kg	4040	*			57	139	
Isopropylbenzene	39.6	320	400	ug/Kg	202	*			44	160	
N-propylbenzene	39.6	420	570	ug/Kg	379	*			10	173	
1,3,5-Trimethylbenzene	39.6	470	750	ug/Kg	707	*			10	175	
tert-Butylbenzene	39.6	0	14.1	ug/Kg	36				10	173	
1,2,4-Trimethylbenzene	39.6	710	1000	ug/Kg	732	*			10	175	
Sec-butylbenzene	39.6	280	370	ug/Kg	227	*			10	172	
p-Isopropyltoluene	39.6	180	240	ug/Kg	152				26	153	
n-Butylbenzene	39.6	320	400	ug/Kg	202	*			10	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID :	**Q1914-11MSD**	**Client Sample ID :**	**SS-8MSD**					**Datafile :**	VY022116.D		
Benzene	35	19.9	46.5	ug/Kg	76		24	*	59	140	20
Toluene	35	640	440	ug/Kg	-571	*	1769	*	61	134	20
Ethyl Benzene	35	780	1100	ug/Kg	914	*	53	*	54	134	20
m/p-Xylenes	70	2200	3500	ug/Kg	1857	*	25	*	51	137	20
o-Xylene	35	2000	3000	ug/Kg	2857	*	34	*	57	139	20
Isopropylbenzene	35	320	230	ug/Kg	-257	*	1669	*	44	160	20
N-propylbenzene	35	420	420	ug/Kg	0	*	200	*	10	173	20
1,3,5-Trimethylbenzene	35	470	580	ug/Kg	314	*	77	*	10	175	20
tert-Butylbenzene	35	0	8.80	ug/Kg	25		34	*	10	173	20
1,2,4-Trimethylbenzene	35	710	830	ug/Kg	343	*	72	*	10	175	20
Sec-butylbenzene	35	280	260	ug/Kg	-57	*	334	*	10	172	20
p-Isopropyltoluene	35	180	180	ug/Kg	0	*	200	*	26	153	20
n-Butylbenzene	35	320	320	ug/Kg	0	*	200	*	10	175	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D **Datafile :** VN086491.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0505MBS01	Benzene	2000	2000	ug/Kg	100			84	121	
	Toluene	2000	2000	ug/Kg	100			83	122	
	Ethyl Benzene	2000	2100	ug/Kg	105			82	124	
	m/p-Xylenes	4000	4100	ug/Kg	103			83	124	
	o-Xylene	2000	2000	ug/Kg	100			83	123	
	Isopropylbenzene	2000	1900	ug/Kg	95			82	124	
	N-propylbenzene	2000	1900	ug/Kg	95			81	123	
	1,3,5-Trimethylbenzene	2000	2000	ug/Kg	100			82	124	
	tert-Butylbenzene	2000	2000	ug/Kg	100			81	125	
	1,2,4-Trimethylbenzene	2000	2000	ug/Kg	100			81	125	
	Sec-butylbenzene	2000	2000	ug/Kg	100			80	124	
	p-Isopropyltoluene	2000	2000	ug/Kg	100			81	125	
	n-Butylbenzene	2000	1900	ug/Kg	95			78	126	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D **Datafile :** VN086515.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0506MBS01	Benzene	2000	1800	ug/Kg	90			84	121	
	Toluene	2000	1900	ug/Kg	95			83	122	
	Ethyl Benzene	2000	1900	ug/Kg	95			82	124	
	m/p-Xylenes	4000	3800	ug/Kg	95			83	124	
	o-Xylene	2000	2000	ug/Kg	100			83	123	
	Isopropylbenzene	2000	1900	ug/Kg	95			82	124	
	N-propylbenzene	2000	1800	ug/Kg	90			81	123	
	1,3,5-Trimethylbenzene	2000	1900	ug/Kg	95			82	124	
	tert-Butylbenzene	2000	1900	ug/Kg	95			81	125	
	1,2,4-Trimethylbenzene	2000	1900	ug/Kg	95			81	125	
	Sec-butylbenzene	2000	1900	ug/Kg	95			80	124	
	p-Isopropyltoluene	2000	1900	ug/Kg	95			81	125	
	n-Butylbenzene	2000	1700	ug/Kg	85			78	126	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260-Low **Datafile :** VX045988.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0430WBS01	Benzene	20	20.2	ug/L	101			82	109	
	Toluene	20	20.2	ug/L	101			82	110	
	Ethyl Benzene	20	20.6	ug/L	103			83	109	
	m/p-Xylenes	40	42.5	ug/L	106			82	110	
	o-Xylene	20	21.0	ug/L	105			83	109	
	Isopropylbenzene	20	20.7	ug/L	104			83	112	
	N-propylbenzene	20	20.3	ug/L	102			83	112	
	1,3,5-Trimethylbenzene	20	21.1	ug/L	106			85	112	
	tert-Butylbenzene	20	21.2	ug/L	106			83	112	
	1,2,4-Trimethylbenzene	20	20.7	ug/L	104			85	111	
	Sec-butylbenzene	20	21.2	ug/L	106			81	114	
	p-Isopropyltoluene	20	20.9	ug/L	104			78	116	
	n-Butylbenzene	20	20.1	ug/L	101			75	115	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260-Low **Datafile :** VX045989.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0430WBSD01	Benzene	20	20.1	ug/L	101	0		82	109	20
	Toluene	20	20.5	ug/L	103	2		82	110	20
	Ethyl Benzene	20	20.6	ug/L	103	0		83	109	20
	m/p-Xylenes	40	41.4	ug/L	104	2		82	110	20
	o-Xylene	20	21.0	ug/L	105	0		83	109	20
	Isopropylbenzene	20	20.1	ug/L	101	3		83	112	20
	N-propylbenzene	20	19.8	ug/L	99	3		83	112	20
	1,3,5-Trimethylbenzene	20	20.3	ug/L	102	4		85	112	20
	tert-Butylbenzene	20	20.6	ug/L	103	3		83	112	20
	1,2,4-Trimethylbenzene	20	20.6	ug/L	103	1		85	111	20
	Sec-butylbenzene	20	20.6	ug/L	103	3		81	114	20
	p-Isopropyltoluene	20	20.7	ug/L	104	0		78	116	20
	n-Butylbenzene	20	20.2	ug/L	101	0		75	115	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D **Datafile :** VY022097.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0501SBS01	Benzene	20	20.2	ug/Kg	101			84	121	
	Toluene	20	20.6	ug/Kg	103			83	122	
	Ethyl Benzene	20	19.5	ug/Kg	98			82	124	
	m/p-Xylenes	40	40.5	ug/Kg	101			83	124	
	o-Xylene	20	19.6	ug/Kg	98			83	123	
	Isopropylbenzene	20	19.2	ug/Kg	96			82	124	
	N-propylbenzene	20	19.5	ug/Kg	98			81	123	
	1,3,5-Trimethylbenzene	20	19.6	ug/Kg	98			82	124	
	tert-Butylbenzene	20	19.0	ug/Kg	95			81	125	
	1,2,4-Trimethylbenzene	20	19.5	ug/Kg	98			81	125	
	Sec-butylbenzene	20	19.4	ug/Kg	97			80	124	
	p-Isopropyltoluene	20	19.4	ug/Kg	97			81	125	
	n-Butylbenzene	20	18.7	ug/Kg	94			78	126	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D **Datafile :** VY022172.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0506SBS01	Benzene	20	21.3	ug/Kg	106			84	121	
	Toluene	20	21.4	ug/Kg	107			83	122	
	Ethyl Benzene	20	20.3	ug/Kg	102			82	124	
	m/p-Xylenes	40	41.6	ug/Kg	104			83	124	
	o-Xylene	20	20.3	ug/Kg	102			83	123	
	Isopropylbenzene	20	19.7	ug/Kg	99			82	124	
	N-propylbenzene	20	20.6	ug/Kg	103			81	123	
	1,3,5-Trimethylbenzene	20	20.3	ug/Kg	102			82	124	
	tert-Butylbenzene	20	19.5	ug/Kg	98			81	125	
	1,2,4-Trimethylbenzene	20	20.6	ug/Kg	103			81	125	
	Sec-butylbenzene	20	20.5	ug/Kg	103			80	124	
	p-Isopropyltoluene	20	20.2	ug/Kg	101			81	125	
	n-Butylbenzene	20	20.0	ug/Kg	100			78	126	

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0505MBL01

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VN086479.D Lab Sample ID: VN0505MBL01

Date Analyzed: 05/05/2025 Time Analyzed: 12:13

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
VN0505MBS01	VN0505MBS01	VN086491.D	05/05/2025
SS-6MEDL	Q1914-07MEDL	VN086494.D	05/05/2025
SS-7DL	Q1914-08DL	VN086495.D	05/05/2025
SS-8MEDL	Q1914-09MEDL	VN086496.D	05/05/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0506MBL01

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VN086505.D Lab Sample ID: VN0506MBL01

Date Analyzed: 05/06/2025 Time Analyzed: 11:11

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
VN0506MBS01	VN0506MBS01	VN086515.D	05/06/2025
SS-5ME	Q1914-06ME	VN086518.D	05/06/2025
SS-6ME	Q1914-07ME	VN086519.D	05/06/2025
SS-7	Q1914-08	VN086520.D	05/06/2025
SS-8ME	Q1914-09ME	VN086521.D	05/06/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0430WBL01

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VX045987.D Lab Sample ID: VX0430WBL01

Date Analyzed: 04/30/2025 Time Analyzed: 10:55

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0430WBS01	VX0430WBS01	VX045988.D	04/30/2025
VX0430WBSD01	VX0430WBSD01	VX045989.D	04/30/2025
FB04282025	Q1914-14	VX045991.D	04/30/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0501SBL01

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VY022096.D Lab Sample ID: VY0501SBL01

Date Analyzed: 05/01/2025 Time Analyzed: 10:11

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

Instrument ID: MSVOA_Y

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY0501SBS01	VY0501SBS01	VY022097.D	05/01/2025
SS-1	Q1914-01	VY022107.D	05/01/2025
SS-91	Q1914-02	VY022108.D	05/01/2025
SS-2	Q1914-03	VY022109.D	05/01/2025
SS-3	Q1914-04	VY022110.D	05/01/2025
SS-4	Q1914-05	VY022111.D	05/01/2025
SS-5	Q1914-06	VY022112.D	05/01/2025
SS-6	Q1914-07	VY022113.D	05/01/2025
SS-8	Q1914-09	VY022114.D	05/01/2025
SS-8MS	Q1914-10MS	VY022115.D	05/01/2025
SS-8MSD	Q1914-11MSD	VY022116.D	05/01/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0506SBL01

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VY022171.D Lab Sample ID: VY0506SBL01

Date Analyzed: 05/06/2025 Time Analyzed: 09:45

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

Instrument ID: MSVOA_Y

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY0506SBS01	VY0506SBS01	VY022172.D	05/06/2025
SS-9	Q1914-12	VY022178.D	05/06/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VN086276.D BFB Injection Date: 04/15/2025

Instrument ID: MSVOA_N BFB Injection Time: 10:47

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	19.6
75	30.0 - 60.0% of mass 95	50.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.4 (0.6) 1
174	50.0 - 100.0% of mass 95	67.6
175	5.0 - 9.0% of mass 174	5.1 (7.6) 1
176	95.0 - 101.0% of mass 174	64.6 (95.5) 1
177	5.0 - 9.0% of mass 176	4.4 (6.7) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VN086277.D	04/15/2025	11:29
VSTDICC005	VSTDICC005	VN086278.D	04/15/2025	12:21
VSTDICC010	VSTDICC010	VN086279.D	04/15/2025	12:45
VSTDICC020	VSTDICC020	VN086280.D	04/15/2025	13:09
VSTDICCC050	VSTDICCC050	VN086281.D	04/15/2025	13:51
VSTDICC100	VSTDICC100	VN086282.D	04/15/2025	14:29

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VN086477.D BFB Injection Date: 05/05/2025

Instrument ID: MSVOA_N BFB Injection Time: 10:23

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	19.8
75	30.0 - 60.0% of mass 95	53.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	74
175	5.0 - 9.0% of mass 174	5.5 (7.4) 1
176	95.0 - 101.0% of mass 174	70.3 (95) 1
177	5.0 - 9.0% of mass 176	4.8 (6.8) 2

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

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
VSTDCCC050	VSTDCCC050	VN086478.D	05/05/2025	11:32
VN0505MBL01	VN0505MBL01	VN086479.D	05/05/2025	12:13
VN0505MBS01	VN0505MBS01	VN086491.D	05/05/2025	17:13
SS-6MEDL	Q1914-07MEDL	VN086494.D	05/05/2025	18:25
SS-7DL	Q1914-08DL	VN086495.D	05/05/2025	18:49
SS-8MEDL	Q1914-09MEDL	VN086496.D	05/05/2025	19:14

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VN086503.D BFB Injection Date: 05/06/2025

Instrument ID: MSVOA_N BFB Injection Time: 09:13

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	19
75	30.0 - 60.0% of mass 95	51.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	73.8
175	5.0 - 9.0% of mass 174	5 (6.8) 1
176	95.0 - 101.0% of mass 174	71.8 (97.3) 1
177	5.0 - 9.0% of mass 176	4.6 (6.3) 2

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

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
VSTDCCC050	VSTDCCC050	VN086504.D	05/06/2025	10:35
VN0506MBL01	VN0506MBL01	VN086505.D	05/06/2025	11:11
VN0506MBS01	VN0506MBS01	VN086515.D	05/06/2025	15:23
SS-5ME	Q1914-06ME	VN086518.D	05/06/2025	16:35
SS-6ME	Q1914-07ME	VN086519.D	05/06/2025	16:59
SS-7	Q1914-08	VN086520.D	05/06/2025	17:23
SS-8ME	Q1914-09ME	VN086521.D	05/06/2025	17:48

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VX045524.D BFB Injection Date: 04/01/2025

Instrument ID: MSVOA_X BFB Injection Time: 16:15

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.6
75	30.0 - 60.0% of mass 95	58.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.8 (1.2) 1
174	50.0 - 100.0% of mass 95	66.8
175	5.0 - 9.0% of mass 174	5.2 (7.8) 1
176	95.0 - 101.0% of mass 174	65.3 (97.8) 1
177	5.0 - 9.0% of mass 176	4.4 (6.8) 2

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

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
VSTDICC001	VSTDICC001	VX045525.D	04/01/2025	17:06
VSTDICC005	VSTDICC005	VX045526.D	04/01/2025	17:29
VSTDICC020	VSTDICC020	VX045527.D	04/01/2025	17:52
VSTDICCC050	VSTDICCC050	VX045528.D	04/01/2025	18:15
VSTDICC100	VSTDICC100	VX045529.D	04/01/2025	18:38
VSTDICC150	VSTDICC150	VX045530.D	04/01/2025	19:02

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VX045984.D BFB Injection Date: 04/30/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:32

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.5
75	30.0 - 60.0% of mass 95	57.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	1 (1.4) 1
174	50.0 - 100.0% of mass 95	69.5
175	5.0 - 9.0% of mass 174	5.3 (7.7) 1
176	95.0 - 101.0% of mass 174	67.1 (96.5) 1
177	5.0 - 9.0% of mass 176	4.5 (6.6) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX045985.D	04/30/2025	10:01
VX0430WBL01	VX0430WBL01	VX045987.D	04/30/2025	10:55
VX0430WBS01	VX0430WBS01	VX045988.D	04/30/2025	11:19
VX0430WBSD01	VX0430WBSD01	VX045989.D	04/30/2025	11:46
FB04282025	Q1914-14	VX045991.D	04/30/2025	12:32

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VY021952.D BFB Injection Date: 04/22/2025

Instrument ID: MSVOA_Y BFB Injection Time: 11:33

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.9
75	30.0 - 60.0% of mass 95	49.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	1.5 (1.7) 1
174	50.0 - 100.0% of mass 95	88.4
175	5.0 - 9.0% of mass 174	7.1 (8) 1
176	95.0 - 101.0% of mass 174	84.9 (96.1) 1
177	5.0 - 9.0% of mass 176	5.5 (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:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VY021953.D	04/22/2025	13:39
VSTDICC010	VSTDICC010	VY021954.D	04/22/2025	14:44
VSTDICC020	VSTDICC020	VY021955.D	04/22/2025	15:07
VSTDICCC050	VSTDICCC050	VY021956.D	04/22/2025	15:29
VSTDICC100	VSTDICC100	VY021957.D	04/22/2025	15:52
VSTDICC150	VSTDICC150	VY021958.D	04/22/2025	16:15

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Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VY022094.D BFB Injection Date: 05/01/2025

Instrument ID: MSVOA_Y BFB Injection Time: 08:20

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.8
75	30.0 - 60.0% of mass 95	47.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	1.5 (1.7) 1
174	50.0 - 100.0% of mass 95	87.7
175	5.0 - 9.0% of mass 174	6.9 (7.8) 1
176	95.0 - 101.0% of mass 174	83.4 (95.1) 1
177	5.0 - 9.0% of mass 176	5.6 (6.8) 2

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

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
VSTDCCC050	VSTDCCC050	VY022095.D	05/01/2025	08:50
VY0501SBL01	VY0501SBL01	VY022096.D	05/01/2025	10:11
VY0501SBS01	VY0501SBS01	VY022097.D	05/01/2025	10:42
SS-1	Q1914-01	VY022107.D	05/01/2025	15:02
SS-91	Q1914-02	VY022108.D	05/01/2025	15:28
SS-2	Q1914-03	VY022109.D	05/01/2025	16:04
SS-3	Q1914-04	VY022110.D	05/01/2025	16:27
SS-4	Q1914-05	VY022111.D	05/01/2025	16:49
SS-5	Q1914-06	VY022112.D	05/01/2025	17:16
SS-6	Q1914-07	VY022113.D	05/01/2025	17:37
SS-8	Q1914-09	VY022114.D	05/01/2025	18:00
SS-8MS	Q1914-10MS	VY022115.D	05/01/2025	18:23
SS-8MSD	Q1914-11MSD	VY022116.D	05/01/2025	18:46

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VY022169.D BFB Injection Date: 05/06/2025

Instrument ID: MSVOA_Y BFB Injection Time: 08:00

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.1
75	30.0 - 60.0% of mass 95	49.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	1.2 (1.3) 1
174	50.0 - 100.0% of mass 95	91.6
175	5.0 - 9.0% of mass 174	6.9 (7.5) 1
176	95.0 - 101.0% of mass 174	89 (97.2) 1
177	5.0 - 9.0% of mass 176	5.8 (6.5) 2

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

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
VSTDCCC050	VSTDCCC050	VY022170.D	05/06/2025	09:14
VY0506SBL01	VY0506SBL01	VY022171.D	05/06/2025	09:45
VY0506SBS01	VY0506SBS01	VY022172.D	05/06/2025	10:17
SS-9	Q1914-12	VY022178.D	05/06/2025	13:03

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VN086478.D Date Analyzed: 05/05/2025

Instrument ID: MSVOA_N Time Analyzed: 11:32

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	154484	8.22	297307	9.10	276417	11.87
UPPER LIMIT	308968	8.718	594614	9.6	552834	12.365
LOWER LIMIT	77242	7.718	148654	8.6	138209	11.365
EPA SAMPLE NO.						
SS-6MEDL	166833	8.22	307337	9.10	302781	11.87
SS-7DL	162880	8.22	306914	9.10	283717	11.87
SS-8MEDL	167617	8.22	312635	9.10	300291	11.87
VN0505MBL01	156968	8.22	298822	9.10	277824	11.87
VN0505MBS01	174392	8.22	323563	9.10	294006	11.87

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: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VN086478.D Date Analyzed: 05/05/2025

Instrument ID: MSVOA_N Time Analyzed: 11:32

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

	IS4 AREA #	RT #				
12 HOUR STD	133852	13.788				
UPPER LIMIT	267704	14.288				
LOWER LIMIT	66926	13.288				
EPA SAMPLE NO.						
SS-6MEDL	140970	13.79				
SS-7DL	128135	13.79				
SS-8MEDL	141242	13.79				
VN0505MBL01	117072	13.79				
VN0505MBS01	137470	13.79				

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: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VN086504.D Date Analyzed: 05/06/2025

Instrument ID: MSVOA_N Time Analyzed: 10:35

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	186971	8.22	338775	9.09	314072	11.86
UPPER LIMIT	373942	8.724	677550	9.594	628144	12.359
LOWER LIMIT	93485.5	7.724	169388	8.594	157036	11.359
EPA SAMPLE NO.						
SS-5ME	169551	8.22	319127	9.09	297541	11.87
SS-6ME	172187	8.22	322534	9.09	313788	11.87
SS-7	198517	8.22	370271	9.09	347259	11.86
SS-8ME	202938	8.22	380050	9.09	349216	11.87
VN0506MBL01	194854	8.22	360705	9.10	339328	11.87
VN0506MBS01	186931	8.22	334765	9.10	293306	11.87

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: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VN086504.D Date Analyzed: 05/06/2025

Instrument ID: MSVOA_N Time Analyzed: 10:35

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

	IS4 AREA #	RT #				
12 HOUR STD	155373	13.788				
UPPER LIMIT	310746	14.288				
LOWER LIMIT	77686.5	13.288				
EPA SAMPLE NO.						
SS-5ME	131140	13.79				
SS-6ME	148688	13.79				
SS-7	152767	13.79				
SS-8ME	167366	13.79				
VN0506MBL01	141530	13.79				
VN0506MBS01	131486	13.79				

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: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VX045985.D Date Analyzed: 04/30/2025

Instrument ID: MSVOA_X Time Analyzed: 10:01

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	83019	5.55	141256	6.75	122754	10.05
UPPER LIMIT	166038	6.049	282512	7.25	245508	10.549
LOWER LIMIT	41509.5	5.049	70628	6.25	61377	9.549
EPA SAMPLE NO.						
FB04282025	59292	5.55	117758	6.76	108001	10.06
VX0430WBL01	62274	5.54	125239	6.76	116463	10.05
VX0430WBS01	79591	5.54	138531	6.76	123154	10.05
VX0430WBSD01	77091	5.54	132529	6.76	119517	10.05

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: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VX045985.D Date Analyzed: 04/30/2025

Instrument ID: MSVOA_X Time Analyzed: 10:01

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	60558	12.018				
UPPER LIMIT	121116	12.518				
LOWER LIMIT	30279	11.518				
EPA SAMPLE NO.						
FB04282025	46147	12.02				
VX0430WBL01	49781	12.02				
VX0430WBS01	58135	12.02				
VX0430WBSD01	57970	12.02				

IS4 = 1,4-Dichlorobenzene-d4

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VY022095.D Date Analyzed: 05/01/2025

Instrument ID: MSVOA_Y Time Analyzed: 08:50

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

	IS1 AREA #	RT #	IS2 AREA #		RT #	IS3 AREA #	RT #
12 HOUR STD	300031	7.71	433614		8.62	410078	11.42
UPPER LIMIT	600062	8.207	867228		9.116	820156	11.92
LOWER LIMIT	150016	7.207	216807		8.116	205039	10.92
EPA SAMPLE NO.							
SS-1	324354	7.71	597762		8.62	534537	11.41
SS-91	377287	7.71	686536		8.62	618810	11.41
SS-2	334804	7.71	631024		8.62	599039	11.41
SS-3	334416	7.71	623746		8.62	568605	11.41
SS-4	329699	7.71	612320		8.62	536248	11.41
SS-5	348703	7.71	593175		8.62	525097	11.41
SS-6	546701	7.71	868396	*	8.62	697183	11.41
SS-8	521018	7.71	814848		8.62	583005	11.42
SS-8MS	342721	7.71	536963		8.62	334367	11.42
SS-8MSD	321965	7.71	519584		8.62	313382	11.42
VY0501SBL01	317996	7.71	585580		8.62	508953	11.42
VY0501SBS01	294485	7.71	452802		8.62	414235	11.41

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: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VY022095.D Date Analyzed: 05/01/2025

Instrument ID: MSVOA_Y Time Analyzed: 08:50

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

	IS4 AREA #		RT #					
12 HOUR STD	227184		13.347					
UPPER LIMIT	454368		13.847					
LOWER LIMIT	113592		12.847					
EPA SAMPLE NO.								
SS-1	218119		13.35					
SS-91	255221		13.35					
SS-2	258914		13.35					
SS-3	236192		13.35					
SS-4	199649		13.35					
SS-5	237049		13.35					
SS-6	327199		13.35					
SS-8	511573	*	13.35					
SS-8MS	378955		13.33					
SS-8MSD	398456		13.35					
VY0501SBL01	180066		13.35					
VY0501SBS01	225406		13.35					

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: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VY022170.D Date Analyzed: 05/06/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:14

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

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	239745	7.71	360580	8.62	331226	11.42
UPPER LIMIT	479490	8.213	721160	9.116	662452	11.92
LOWER LIMIT	119873	7.213	180290	8.116	165613	10.92
EPA SAMPLE NO.						
SS-9	197156	7.71	383574	8.62	339845	11.42
VY0506SBL01	251073	7.71	481164	8.62	415589	11.42
VY0506SBS01	219542	7.71	344933	8.62	314858	11.42

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: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VY022170.D Date Analyzed: 05/06/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:14

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

	IS4 AREA #	RT #				
12 HOUR STD	184988	13.346				
UPPER LIMIT	369976	13.846				
LOWER LIMIT	92494	12.846				
EPA SAMPLE NO.						
SS-9	120680	13.35				
VY0506SBL01	146510	13.35				
VY0506SBS01	170277	13.35				

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

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	VN0505MBL01	SDG No.:	Q1914
Lab Sample ID:	VN0505MBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086479.D	1		05/05/25 12:13	VN050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	500	U	79.0	500	ug/Kg
108-88-3	Toluene	500	U	78.0	500	ug/Kg
100-41-4	Ethyl Benzene	500	U	67.0	500	ug/Kg
1330-20-7	Total Xylenes	1500	U	202	1500	ug/Kg
98-82-8	Isopropylbenzene	500	U	78.0	500	ug/Kg
103-65-1	n-propylbenzene	500	U	73.0	500	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	500	U	82.0	500	ug/Kg
98-06-6	tert-Butylbenzene	500	U	67.0	500	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	500	U	64.0	500	ug/Kg
135-98-8	sec-Butylbenzene	500	U	66.0	500	ug/Kg
99-87-6	p-Isopropyltoluene	500	U	62.0	500	ug/Kg
104-51-8	n-Butylbenzene	500	U	150	500	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.4		63 - 155	97%	SPK: 50
1868-53-7	Dibromofluoromethane	60.5		70 - 134	121%	SPK: 50
2037-26-5	Toluene-d8	51.1		74 - 123	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.6		38 - 136	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	157000	8.224			
540-36-3	1,4-Difluorobenzene	299000	9.1			
3114-55-4	Chlorobenzene-d5	278000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	117000	13.788			

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	VN0506MBL01	SDG No.:	Q1914
Lab Sample ID:	VN0506MBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086505.D	1		05/06/25 11:11	VN050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	500	U	79.0	500	ug/Kg
108-88-3	Toluene	500	U	78.0	500	ug/Kg
100-41-4	Ethyl Benzene	500	U	67.0	500	ug/Kg
1330-20-7	Total Xylenes	1500	U	202	1500	ug/Kg
98-82-8	Isopropylbenzene	500	U	78.0	500	ug/Kg
103-65-1	n-propylbenzene	500	U	73.0	500	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	500	U	82.0	500	ug/Kg
98-06-6	tert-Butylbenzene	500	U	67.0	500	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	500	U	64.0	500	ug/Kg
135-98-8	sec-Butylbenzene	500	U	66.0	500	ug/Kg
99-87-6	p-Isopropyltoluene	500	U	62.0	500	ug/Kg
104-51-8	n-Butylbenzene	500	U	150	500	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.9		63 - 155	94%	SPK: 50
1868-53-7	Dibromofluoromethane	60.6		70 - 134	121%	SPK: 50
2037-26-5	Toluene-d8	50.7		74 - 123	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.7		38 - 136	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	195000	8.224			
540-36-3	1,4-Difluorobenzene	361000	9.1			
3114-55-4	Chlorobenzene-d5	339000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	142000	13.788			

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N = Presumptive Evidence of a Compound
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Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	VX0430WBL01	SDG No.:	Q1914
Lab Sample ID:	VX0430WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045987.D	1		04/30/25 10:55	VX043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	1.00	U	0.15	1.00	ug/L
108-88-3	Toluene	1.00	U	0.14	1.00	ug/L
100-41-4	Ethyl Benzene	1.00	U	0.13	1.00	ug/L
1330-20-7	Total Xylenes	3.00	U	0.36	3.00	ug/L
98-82-8	Isopropylbenzene	1.00	U	0.12	1.00	ug/L
103-65-1	n-propylbenzene	1.00	U	0.13	1.00	ug/L
108-67-8	1,3,5-Trimethylbenzene	1.00	U	0.15	1.00	ug/L
98-06-6	tert-Butylbenzene	1.00	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	1.00	U	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	1.00	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	1.00	U	0.13	1.00	ug/L
104-51-8	n-Butylbenzene	1.00	U	0.15	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.3		74 - 125	113%	SPK: 50
1868-53-7	Dibromofluoromethane	52.5		75 - 124	105%	SPK: 50
2037-26-5	Toluene-d8	50.4		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.9		77 - 121	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	62300	5.544			
540-36-3	1,4-Difluorobenzene	125000	6.757			
3114-55-4	Chlorobenzene-d5	116000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	49800	12.018			

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Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	VY0501SBL01	SDG No.:	Q1914
Lab Sample ID:	VY0501SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022096.D	1		05/01/25 10:11	VY050125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	5.00	U	0.79	5.00	ug/Kg
108-88-3	Toluene	5.00	U	0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	5.00	U	0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	15.0	U	2.02	15.0	ug/Kg
98-82-8	Isopropylbenzene	5.00	U	0.78	5.00	ug/Kg
103-65-1	n-propylbenzene	5.00	U	0.73	5.00	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	5.00	U	0.82	5.00	ug/Kg
98-06-6	tert-Butylbenzene	5.00	U	0.67	5.00	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	5.00	U	0.64	5.00	ug/Kg
135-98-8	sec-Butylbenzene	5.00	U	0.66	5.00	ug/Kg
99-87-6	p-Isopropyltoluene	5.00	U	0.62	5.00	ug/Kg
104-51-8	n-Butylbenzene	5.00	U	1.50	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.2		63 - 155	98%	SPK: 50
1868-53-7	Dibromofluoromethane	50.6		70 - 134	101%	SPK: 50
2037-26-5	Toluene-d8	47.8		74 - 123	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.1		38 - 136	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	318000	7.707			
540-36-3	1,4-Difluorobenzene	586000	8.615			
3114-55-4	Chlorobenzene-d5	509000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	180000	13.346			

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	VY0506SBL01	SDG No.:	Q1914
Lab Sample ID:	VY0506SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022171.D	1		05/06/25 09:45	VY050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	5.00	U	0.79	5.00	ug/Kg
108-88-3	Toluene	5.00	U	0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	5.00	U	0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	15.0	U	2.02	15.0	ug/Kg
98-82-8	Isopropylbenzene	5.00	U	0.78	5.00	ug/Kg
103-65-1	n-propylbenzene	5.00	U	0.73	5.00	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	5.00	U	0.82	5.00	ug/Kg
98-06-6	tert-Butylbenzene	5.00	U	0.67	5.00	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	5.00	U	0.64	5.00	ug/Kg
135-98-8	sec-Butylbenzene	5.00	U	0.66	5.00	ug/Kg
99-87-6	p-Isopropyltoluene	5.00	U	0.62	5.00	ug/Kg
104-51-8	n-Butylbenzene	5.00	U	1.50	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.3		63 - 155	111%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		70 - 134	101%	SPK: 50
2037-26-5	Toluene-d8	48.2		74 - 123	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.8		38 - 136	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	251000	7.713			
540-36-3	1,4-Difluorobenzene	481000	8.616			
3114-55-4	Chlorobenzene-d5	416000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	147000	13.346			

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	VN0505MBS01	SDG No.:	Q1914
Lab Sample ID:	VN0505MBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086491.D	1		05/05/25 17:13	VN050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	2000		79.0	500	ug/Kg
108-88-3	Toluene	2000		78.0	500	ug/Kg
100-41-4	Ethyl Benzene	2100		67.0	500	ug/Kg
1330-20-7	Total Xylenes	6100		202	1500	ug/Kg
98-82-8	Isopropylbenzene	1900		78.0	500	ug/Kg
103-65-1	n-propylbenzene	1900		73.0	500	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	2000		82.0	500	ug/Kg
98-06-6	tert-Butylbenzene	2000		67.0	500	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	2000		64.0	500	ug/Kg
135-98-8	sec-Butylbenzene	2000		66.0	500	ug/Kg
99-87-6	p-Isopropyltoluene	2000		62.0	500	ug/Kg
104-51-8	n-Butylbenzene	1900		150	500	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.4		63 - 155	103%	SPK: 50
1868-53-7	Dibromofluoromethane	57.3		70 - 134	115%	SPK: 50
2037-26-5	Toluene-d8	50.8		74 - 123	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.3		38 - 136	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	174000	8.224			
540-36-3	1,4-Difluorobenzene	324000	9.1			
3114-55-4	Chlorobenzene-d5	294000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	137000	13.788			

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	VN0506MBS01	SDG No.:	Q1914
Lab Sample ID:	VN0506MBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086515.D	1		05/06/25 15:23	VN050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	1800		79.0	500	ug/Kg
108-88-3	Toluene	1900		78.0	500	ug/Kg
100-41-4	Ethyl Benzene	1900		67.0	500	ug/Kg
1330-20-7	Total Xylenes	5800		202	1500	ug/Kg
98-82-8	Isopropylbenzene	1900		78.0	500	ug/Kg
103-65-1	n-propylbenzene	1800		73.0	500	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	1900		82.0	500	ug/Kg
98-06-6	tert-Butylbenzene	1900		67.0	500	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	1900		64.0	500	ug/Kg
135-98-8	sec-Butylbenzene	1900		66.0	500	ug/Kg
99-87-6	p-Isopropyltoluene	1900		62.0	500	ug/Kg
104-51-8	n-Butylbenzene	1700		150	500	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.6		63 - 155	97%	SPK: 50
1868-53-7	Dibromofluoromethane	57.7		70 - 134	115%	SPK: 50
2037-26-5	Toluene-d8	50.2		74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.2		38 - 136	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	187000	8.224			
540-36-3	1,4-Difluorobenzene	335000	9.1			
3114-55-4	Chlorobenzene-d5	293000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	131000	13.788			

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	VX0430WBS01	SDG No.:	Q1914
Lab Sample ID:	VX0430WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045988.D	1		04/30/25 11:19	VX043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	20.2		0.15	1.00	ug/L
108-88-3	Toluene	20.2		0.14	1.00	ug/L
100-41-4	Ethyl Benzene	20.6		0.13	1.00	ug/L
1330-20-7	Total Xylenes	63.5		0.36	3.00	ug/L
98-82-8	Isopropylbenzene	20.7		0.12	1.00	ug/L
103-65-1	n-propylbenzene	20.3		0.13	1.00	ug/L
108-67-8	1,3,5-Trimethylbenzene	21.1		0.15	1.00	ug/L
98-06-6	tert-Butylbenzene	21.2		0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	20.7		0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	21.2		0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	20.9		0.13	1.00	ug/L
104-51-8	n-Butylbenzene	20.1		0.15	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.6		74 - 125	109%	SPK: 50
1868-53-7	Dibromofluoromethane	56.5		75 - 124	113%	SPK: 50
2037-26-5	Toluene-d8	52.1		86 - 113	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.7		77 - 121	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	79600	5.544			
540-36-3	1,4-Difluorobenzene	139000	6.757			
3114-55-4	Chlorobenzene-d5	123000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	58100	12.018			

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Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	VY0501SBS01	SDG No.:	Q1914
Lab Sample ID:	VY0501SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022097.D	1		05/01/25 10:42	VY050125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	20.2		0.79	5.00	ug/Kg
108-88-3	Toluene	20.6		0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	19.5		0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	60.1		2.02	15.0	ug/Kg
98-82-8	Isopropylbenzene	19.2		0.78	5.00	ug/Kg
103-65-1	n-propylbenzene	19.5		0.73	5.00	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	19.6		0.82	5.00	ug/Kg
98-06-6	tert-Butylbenzene	19.0		0.67	5.00	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	19.5		0.64	5.00	ug/Kg
135-98-8	sec-Butylbenzene	19.4		0.66	5.00	ug/Kg
99-87-6	p-Isopropyltoluene	19.4		0.62	5.00	ug/Kg
104-51-8	n-Butylbenzene	18.7		1.50	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.5		63 - 155	95%	SPK: 50
1868-53-7	Dibromofluoromethane	49.5		70 - 134	99%	SPK: 50
2037-26-5	Toluene-d8	50.1		74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.3		38 - 136	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	294000	7.707			
540-36-3	1,4-Difluorobenzene	453000	8.616			
3114-55-4	Chlorobenzene-d5	414000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	225000	13.346			

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

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	VY0506SBS01	SDG No.:	Q1914
Lab Sample ID:	VY0506SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022172.D	1		05/06/25 10:17	VY050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	21.3		0.79	5.00	ug/Kg
108-88-3	Toluene	21.4		0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.3		0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	61.9		2.02	15.0	ug/Kg
98-82-8	Isopropylbenzene	19.7		0.78	5.00	ug/Kg
103-65-1	n-propylbenzene	20.6		0.73	5.00	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	20.3		0.82	5.00	ug/Kg
98-06-6	tert-Butylbenzene	19.5		0.67	5.00	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	20.6		0.64	5.00	ug/Kg
135-98-8	sec-Butylbenzene	20.5		0.66	5.00	ug/Kg
99-87-6	p-Isopropyltoluene	20.2		0.62	5.00	ug/Kg
104-51-8	n-Butylbenzene	20.0		1.50	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.6		63 - 155	103%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		70 - 134	100%	SPK: 50
2037-26-5	Toluene-d8	50.8		74 - 123	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.6		38 - 136	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	220000	7.713			
540-36-3	1,4-Difluorobenzene	345000	8.616			
3114-55-4	Chlorobenzene-d5	315000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	170000	13.347			

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:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	VX0430WBSD01	SDG No.:	Q1914
Lab Sample ID:	VX0430WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045989.D	1		04/30/25 11:46	VX043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	20.1		0.15	1.00	ug/L
108-88-3	Toluene	20.5		0.14	1.00	ug/L
100-41-4	Ethyl Benzene	20.6		0.13	1.00	ug/L
1330-20-7	Total Xylenes	62.4		0.36	3.00	ug/L
98-82-8	Isopropylbenzene	20.1		0.12	1.00	ug/L
103-65-1	n-propylbenzene	19.8		0.13	1.00	ug/L
108-67-8	1,3,5-Trimethylbenzene	20.3		0.15	1.00	ug/L
98-06-6	tert-Butylbenzene	20.6		0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	20.6		0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	20.6		0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	20.7		0.13	1.00	ug/L
104-51-8	n-Butylbenzene	20.2		0.15	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.3		74 - 125	109%	SPK: 50
1868-53-7	Dibromofluoromethane	56.5		75 - 124	113%	SPK: 50
2037-26-5	Toluene-d8	52.0		86 - 113	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.5		77 - 121	113%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	77100	5.544			
540-36-3	1,4-Difluorobenzene	133000	6.757			
3114-55-4	Chlorobenzene-d5	120000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	58000	12.018			

U = Not Detected
LOQ = Limit of Quantitation
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LOD = Limit of Detection
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N = Presumptive Evidence of a Compound
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D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-8MS	SDG No.:	Q1914
Lab Sample ID:	Q1914-10MS	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.4
Sample Wt/Vol:	6.83 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022115.D	1		05/01/25 18:23	VY050125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	58.5		0.63	4.00	ug/Kg
108-88-3	Toluene	820	E	0.62	4.00	ug/Kg
100-41-4	Ethyl Benzene	1400	E	0.53	4.00	ug/Kg
1330-20-7	Total Xylenes	7700	E	1.63	11.9	ug/Kg
98-82-8	Isopropylbenzene	400	E	0.62	4.00	ug/Kg
103-65-1	n-propylbenzene	570	E	0.58	4.00	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	750	E	0.65	4.00	ug/Kg
98-06-6	tert-Butylbenzene	14.1		0.53	4.00	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	1000	E	0.51	4.00	ug/Kg
135-98-8	sec-Butylbenzene	370	E	0.52	4.00	ug/Kg
99-87-6	p-Isopropyltoluene	240	E	0.49	4.00	ug/Kg
104-51-8	n-Butylbenzene	400	E	1.10	4.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	41.1		63 - 155	82%	SPK: 50
1868-53-7	Dibromofluoromethane	47.5		70 - 134	95%	SPK: 50
2037-26-5	Toluene-d8	110	*	74 - 123	225%	SPK: 50
460-00-4	4-Bromofluorobenzene	260	*	38 - 136	518%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	343000	7.707			
540-36-3	1,4-Difluorobenzene	537000	8.615			
3114-55-4	Chlorobenzene-d5	334000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	379000	13.328			

U = Not Detected
LOQ = Limit of Quantitation
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D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-8MSD	SDG No.:	Q1914
Lab Sample ID:	Q1914-11MSD	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.4
Sample Wt/Vol:	7.73 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022116.D	1		05/01/25 18:46	VY050125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	46.5		0.55	3.50	ug/Kg
108-88-3	Toluene	440	E	0.55	3.50	ug/Kg
100-41-4	Ethyl Benzene	1100	E	0.47	3.50	ug/Kg
1330-20-7	Total Xylenes	6500	E	1.44	10.5	ug/Kg
98-82-8	Isopropylbenzene	230	E	0.55	3.50	ug/Kg
103-65-1	n-propylbenzene	420	E	0.51	3.50	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	580	E	0.57	3.50	ug/Kg
98-06-6	tert-Butylbenzene	8.80		0.47	3.50	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	830	E	0.45	3.50	ug/Kg
135-98-8	sec-Butylbenzene	260	E	0.46	3.50	ug/Kg
99-87-6	p-Isopropyltoluene	180	E	0.43	3.50	ug/Kg
104-51-8	n-Butylbenzene	320	E	1.00	3.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.9		63 - 155	98%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		70 - 134	100%	SPK: 50
2037-26-5	Toluene-d8	76.8	*	74 - 123	154%	SPK: 50
460-00-4	4-Bromofluorobenzene	170	*	38 - 136	336%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	322000	7.707			
540-36-3	1,4-Difluorobenzene	520000	8.615			
3114-55-4	Chlorobenzene-d5	313000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	398000	13.352			

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,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: MSVOA_N Calibration Date(s): 04/15/2025 04/15/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:29 14:29

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

LAB FILE ID: RRF001 = VN086277.D RRF005 = VN086278.D RRF010 = VN086279.D
RRF020 = VN086280.D RRF050 = VN086281.D RRF100 = VN086282.D

COMPOUND	RRF001	RRF005	RRF010	RRF020	RRF050	RRF100	$\overline{RRF}$	% RSD
Benzene	1.648	1.545	1.389	1.508	1.409	1.411	1.485	6.8
Toluene	1.003	0.963	0.865	0.941	0.892	0.895	0.927	5.6
Ethyl Benzene	2.210	2.112	1.873	2.028	1.918	1.941	2.014	6.4
m/p-Xylenes	0.809	0.795	0.705	0.757	0.727	0.734	0.754	5.4
o-Xylene	0.791	0.792	0.709	0.753	0.713	0.718	0.746	5.2
Isopropylbenzene	4.666	4.271	3.991	4.181	3.728	3.706	4.090	8.9
n-propylbenzene	5.366	5.072	4.629	4.862	4.488	4.501	4.820	7.3
1,3,5-Trimethylbenzene	3.800	3.518	3.178	3.418	3.083	3.088	3.348	8.5
tert-Butylbenzene	3.382	3.057	2.795	2.886	2.608	2.675	2.901	9.8
1,2,4-Trimethylbenzene	3.782	3.644	3.262	3.431	3.171	3.156	3.408	7.6
sec-Butylbenzene	4.451	4.309	3.897	3.991	3.763	3.729	4.023	7.3
p-Isopropyltoluene	3.603	3.487	3.174	3.290	3.158	3.185	3.316	5.6
n-Butylbenzene	3.209	3.013	2.746	2.921	2.838	2.910	2.939	5.4
1,2-Dichloroethane-d4		0.746	0.745	0.707	0.719	0.708	0.725	2.6
Dibromofluoromethane		0.267	0.255	0.230	0.215	0.194	0.232	12.8
Toluene-d8		1.247	1.281	1.185	1.251	1.237	1.240	2.8
4-Bromofluorobenzene		0.459	0.456	0.421	0.459	0.467	0.452	4

* 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 ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: MSVOA_X Calibration Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Calibration Time(s): 17:06 19:02

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

LAB FILE ID: RRF001 = VX045525.D RRF005 = VX045526.D RRF020 = VX045527.D
RRF050 = VX045528.D RRF100 = VX045529.D RRF150 = VX045530.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Benzene	1.414	1.416	1.519	1.481	1.483	1.465	1.463	2.8
Toluene	0.817	0.866	0.939	0.910	0.905	0.875	0.885	4.8
Ethyl Benzene	1.608	1.819	2.002	2.007	1.993	2.053	1.914	8.9
m/p-Xylenes	0.594	0.669	0.732	0.728	0.723	0.729	0.696	7.9
o-Xylene	0.562	0.676	0.725	0.719	0.716	0.714	0.686	9.2
Isopropylbenzene	3.581	3.850	4.224	4.181	4.043	4.151	4.005	6.2
n-propylbenzene	3.734	4.346	5.012	4.896	4.819	4.872	4.613	10.6
1,3,5-Trimethylbenzene	2.931	3.119	3.571	3.511	3.367	3.371	3.312	7.3
tert-Butylbenzene	2.894	3.124	3.437	3.427	3.387	3.405	3.279	6.8
1,2,4-Trimethylbenzene	2.906	3.129	3.529	3.523	3.438	3.420	3.324	7.6
sec-Butylbenzene	3.195	3.828	4.316	4.300	4.232	4.292	4.027	11.1
p-Isopropyltoluene	2.734	3.157	3.515	3.524	3.506	3.484	3.320	9.6
n-Butylbenzene	2.117	2.486	2.974	3.160	3.256	3.283	2.879	16.5
1,2-Dichloroethane-d4		0.962	0.900	0.868	0.904	0.937	0.914	3.9
Dibromofluoromethane		0.372	0.342	0.345	0.353	0.362	0.355	3.5
Toluene-d8		1.257	1.233	1.214	1.230	1.257	1.238	1.5
4-Bromofluorobenzene		0.413	0.448	0.453	0.481	0.460	0.451	5.5

* 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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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: MSVOA_Y Calibration Date(s): 04/22/2025 04/22/2025

Heated Purge: (Y/N) Y Calibration Time(s): 13:39 16:15

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

LAB FILE ID: RRF005 = VY021953.D RRF010 = VY021954.D RRF020 = VY021955.D
RRF050 = VY021956.D RRF100 = VY021957.D RRF150 = VY021958.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Benzene	1.423	1.439	1.351	1.337	1.415	1.358	1.387	3.1
Toluene	0.838	0.915	0.875	0.894	0.952	0.913	0.898	4.4
Ethyl Benzene	1.693	1.840	1.718	1.835	1.990	1.898	1.829	6.1
m/p-Xylenes	0.664	0.720	0.699	0.734	0.797	0.754	0.728	6.3
o-Xylene	0.599	0.639	0.635	0.689	0.747	0.716	0.671	8.3
Isopropylbenzene	3.061	3.316	3.102	3.325	3.639	3.599	3.341	7.2
n-propylbenzene	3.708	3.996	3.778	3.977	4.258	4.152	3.978	5.3
1,3,5-Trimethylbenzene	2.467	2.757	2.614	2.800	2.978	2.898	2.752	6.8
tert-Butylbenzene	2.246	2.382	2.263	2.494	2.725	2.701	2.469	8.5
1,2,4-Trimethylbenzene	2.415	2.717	2.631	2.784	3.027	2.945	2.753	8
sec-Butylbenzene	3.254	3.724	3.409	3.602	3.898	3.786	3.612	6.7
p-Isopropyltoluene	2.717	3.016	2.869	3.094	3.386	3.321	3.067	8.4
n-Butylbenzene	2.477	2.790	2.545	2.742	2.976	2.919	2.742	7.2
1,2-Dichloroethane-d4	0.525	0.477	0.459	0.466	0.418	0.427	0.462	8.3
Dibromofluoromethane	0.335	0.341	0.330	0.330	0.319	0.327	0.330	2.3
Toluene-d8	1.220	1.260	1.211	1.276	1.244	1.261	1.245	2
4-Bromofluorobenzene	0.408	0.429	0.401	0.426	0.423	0.428	0.419	2.8

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

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: MSVOA_N Calibration Date/Time: 05/05/2025 11:32

Lab File ID: VN086478.D Init. Calib. Date(s): 04/15/2025 04/15/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:29 14:29

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Benzene	1.485	1.541		3.77	20
Toluene	0.927	0.979		5.61	20
Ethyl Benzene	2.014	1.999		-0.75	20
m/p-Xylenes	0.754	0.772		2.39	20
o-Xylene	0.746	0.767		2.82	20
Isopropylbenzene	4.090	3.762		-8.02	20
n-propylbenzene	4.820	4.463		-7.41	20
1,3,5-Trimethylbenzene	3.348	3.185		-4.87	20
tert-Butylbenzene	2.901	2.643		-8.89	20
1,2,4-Trimethylbenzene	3.408	3.330		-2.29	20
sec-Butylbenzene	4.023	3.690		-8.28	20
p-Isopropyltoluene	3.316	3.176		-4.22	20
n-Butylbenzene	2.939	2.742		-6.7	20
1,2-Dichloroethane-d4	0.725	0.817		12.69	20
Dibromofluoromethane	0.232	0.264		13.79	20
Toluene-d8	1.240	1.280		3.23	20
4-Bromofluorobenzene	0.452	0.478		5.75	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: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: MSVOA_N Calibration Date/Time: 05/06/2025 10:35

Lab File ID: VN086504.D Init. Calib. Date(s): 04/15/2025 04/15/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:29 14:29

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Benzene	1.485	1.462		-1.55	20
Toluene	0.927	0.953		2.81	20
Ethyl Benzene	2.014	1.981		-1.64	20
m/p-Xylenes	0.754	0.762		1.06	20
o-Xylene	0.746	0.762		2.14	20
Isopropylbenzene	4.090	3.729		-8.83	20
n-propylbenzene	4.820	4.382		-9.09	20
1,3,5-Trimethylbenzene	3.348	3.125		-6.66	20
tert-Butylbenzene	2.901	2.643		-8.89	20
1,2,4-Trimethylbenzene	3.408	3.236		-5.05	20
sec-Butylbenzene	4.023	3.668		-8.82	20
p-Isopropyltoluene	3.316	3.160		-4.7	20
n-Butylbenzene	2.939	2.699		-8.17	20
1,2-Dichloroethane-d4	0.725	0.698		-3.72	20
Dibromofluoromethane	0.232	0.250		7.76	20
Toluene-d8	1.240	1.178		-5	20
4-Bromofluorobenzene	0.452	0.460		1.77	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: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: MSVOA_X Calibration Date/Time: 04/30/2025 10:01

Lab File ID: VX045985.D Init. Calib. Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 17:06 19:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Benzene	1.463	1.629		11.35	20
Toluene	0.885	1.002		13.22	20
Ethyl Benzene	1.914	2.259		18.02	20
m/p-Xylenes	0.696	0.828		18.97	20
o-Xylene	0.686	0.796		16.03	20
Isopropylbenzene	4.005	4.466		11.51	20
n-propylbenzene	4.613	5.277		14.39	20
1,3,5-Trimethylbenzene	3.312	3.775		13.98	20
tert-Butylbenzene	3.279	3.730		13.75	20
1,2,4-Trimethylbenzene	3.324	3.798		14.26	20
sec-Butylbenzene	4.027	4.708		16.91	20
p-Isopropyltoluene	3.320	3.912		17.83	20
n-Butylbenzene	2.879	3.538		22.89	20
1,2-Dichloroethane-d4	0.914	0.976		6.78	20
Dibromofluoromethane	0.355	0.405		14.09	20
Toluene-d8	1.238	1.287		3.96	20
4-Bromofluorobenzene	0.451	0.514		13.97	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: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: MSVOA_Y Calibration Date/Time: 05/01/2025 08:50

Lab File ID: VY022095.D Init. Calib. Date(s): 04/22/2025 04/22/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 13:39 16:15

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Benzene	1.387	1.370		-1.23	20
Toluene	0.898	0.925		3.01	20
Ethyl Benzene	1.829	1.811		-0.98	20
m/p-Xylenes	0.728	0.745		2.34	20
o-Xylene	0.671	0.676		0.75	20
Isopropylbenzene	3.341	3.204		-4.1	20
n-propylbenzene	3.978	3.849		-3.24	20
1,3,5-Trimethylbenzene	2.752	2.700		-1.89	20
tert-Butylbenzene	2.469	2.372		-3.93	20
1,2,4-Trimethylbenzene	2.753	2.737		-0.58	20
sec-Butylbenzene	3.612	3.524		-2.44	20
p-Isopropyltoluene	3.067	3.035		-1.04	20
n-Butylbenzene	2.742	2.631		-4.05	20
1,2-Dichloroethane-d4	0.462	0.431		-6.71	20
Dibromofluoromethane	0.330	0.335		1.51	20
Toluene-d8	1.245	1.270		2.01	20
4-Bromofluorobenzene	0.419	0.427		1.91	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: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: MSVOA_Y Calibration Date/Time: 05/06/2025 09:14

Lab File ID: VY022170.D Init. Calib. Date(s): 04/22/2025 04/22/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 13:39 16:15

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Benzene	1.387	1.468		5.84	20
Toluene	0.898	0.976		8.69	20
Ethyl Benzene	1.829	2.031		11.04	20
m/p-Xylenes	0.728	0.817		12.23	20
o-Xylene	0.671	0.744		10.88	20
Isopropylbenzene	3.341	3.536		5.84	20
n-propylbenzene	3.978	4.340		9.1	20
1,3,5-Trimethylbenzene	2.752	2.992		8.72	20
tert-Butylbenzene	2.469	2.618		6.03	20
1,2,4-Trimethylbenzene	2.753	3.014		9.48	20
sec-Butylbenzene	3.612	3.931		8.83	20
p-Isopropyltoluene	3.067	3.352		9.29	20
n-Butylbenzene	2.742	3.028		10.43	20
1,2-Dichloroethane-d4	0.462	0.462		0	20
Dibromofluoromethane	0.330	0.334		1.21	20
Toluene-d8	1.245	1.283		3.05	20
4-Bromofluorobenzene	0.419	0.436		4.06	20

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

Alliance TECHNICAL GROUP
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LAB CHRONICLE

OrderID:	Q1914	**OrderDate:**	4/29/2025 2:19:16 PM
Client:	CDM Smith	**Project:**	Con Ed UTEN Mount Vernon, NY
Contact:	Marcie Ann Encinas	**Location:**	L41,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1914-01	**SS-1**	**SOIL**			**04/28/25**			**04/29/25**
			SVOCMS Group3	8270E		04/30/25	05/01/25	
Q1914-02	**SS-91**	**SOIL**			**04/28/25**			**04/29/25**
			SVOCMS Group3	8270E		04/30/25	05/01/25	
Q1914-03	**SS-2**	**SOIL**			**04/28/25**			**04/29/25**
			SVOCMS Group3	8270E		04/30/25	05/01/25	
Q1914-04	**SS-3**	**SOIL**			**04/28/25**			**04/29/25**
			SVOCMS Group3	8270E		04/30/25	05/05/25	
Q1914-05	**SS-4**	**SOIL**			**04/28/25**			**04/29/25**
			SVOCMS Group3	8270E		04/30/25	05/01/25	
Q1914-06	**SS-5**	**SOIL**			**04/28/25**			**04/29/25**
			SVOCMS Group3	8270E		04/30/25	05/05/25	
Q1914-07	**SS-6**	**SOIL**			**04/28/25**			**04/29/25**
			SVOCMS Group3	8270E		04/30/25	05/02/25	
Q1914-08	**SS-7**	**SOIL**			**04/28/25**			**04/29/25**
			SVOCMS Group3	8270E		04/30/25	05/02/25	
Q1914-09	**SS-8**	**SOIL**			**04/28/25**			**04/29/25**
			SVOCMS Group3	8270E		04/30/25	05/02/25	
Q1914-12	**SS-9**	**SOIL**			**04/28/25**			**04/29/25**
			SVOCMS Group3	8270E		04/30/25	05/05/25	
Q1914-14	**FB04282025**	**Water**			**04/28/25**			**04/29/25**
			SVOCMS Group3	8270E		04/30/25	05/01/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1914

Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SS-91								
Q1914-02	SS-91	SOIL	Fluoranthene	82.500	J	34.7	200	ug/Kg
			Total Svoc :	**82.50**				
			Total Concentration:	**82.50**				
Client ID : SS-2								
Q1914-03	SS-2	SOIL	Phenanthrene	90.700	J	24.8	200	ug/Kg
Q1914-03	SS-2	SOIL	Fluoranthene	190.000	J	35.6	200	ug/Kg
Q1914-03	SS-2	SOIL	Pyrene	180.000	J	42.7	200	ug/Kg
Q1914-03	SS-2	SOIL	Benzo(a)anthracene	120.000	J	27.3	200	ug/Kg
Q1914-03	SS-2	SOIL	Chrysene	110.000	J	23.6	200	ug/Kg
Q1914-03	SS-2	SOIL	Benzo(a)pyrene	120.000	J	35	200	ug/Kg
Q1914-03	SS-2	SOIL	Benzo(g,h,i)perylene	96.500	J	30.5	200	ug/Kg
			Total Svoc :	**907.20**				
			Total Concentration:	**907.20**				
Client ID : SS-3								
Q1914-04	SS-3	SOIL	Phenanthrene	270.000		23.8	190	ug/Kg
Q1914-04	SS-3	SOIL	Fluoranthene	450.000		34.2	190	ug/Kg
Q1914-04	SS-3	SOIL	Pyrene	400.000		41	190	ug/Kg
Q1914-04	SS-3	SOIL	Benzo(a)anthracene	220.000		26.2	190	ug/Kg
Q1914-04	SS-3	SOIL	Chrysene	210.000		22.7	190	ug/Kg
Q1914-04	SS-3	SOIL	Benzo(k)fluoranthene	100.000	J	25.5	190	ug/Kg
Q1914-04	SS-3	SOIL	Benzo(a)pyrene	210.000		33.6	190	ug/Kg
Q1914-04	SS-3	SOIL	Indeno(1,2,3-cd)pyrene	140.000	J	33.2	190	ug/Kg
Q1914-04	SS-3	SOIL	Benzo(g,h,i)perylene	190.000		29.3	190	ug/Kg
			Total Svoc :	**2,190.00**				
			Total Concentration:	**2,190.00**				
Client ID : SS-4								
Q1914-05	SS-4	SOIL	Phenanthrene	300.000		24.2	200	ug/Kg
Q1914-05	SS-4	SOIL	Fluoranthene	630.000		34.7	200	ug/Kg
Q1914-05	SS-4	SOIL	Pyrene	520.000		41.6	200	ug/Kg
Q1914-05	SS-4	SOIL	Benzo(a)anthracene	320.000		26.6	200	ug/Kg
Q1914-05	SS-4	SOIL	Chrysene	310.000		23	200	ug/Kg
Q1914-05	SS-4	SOIL	Benzo(k)fluoranthene	130.000	J	25.9	200	ug/Kg
Q1914-05	SS-4	SOIL	Benzo(a)pyrene	330.000		34.1	200	ug/Kg
Q1914-05	SS-4	SOIL	Indeno(1,2,3-cd)pyrene	190.000	J	33.6	200	ug/Kg
Q1914-05	SS-4	SOIL	Benzo(g,h,i)perylene	250.000		29.7	200	ug/Kg
			Total Svoc :	**2,980.00**				

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Hit Summary Sheet
SW-846

SDG No.: Q1914

Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	**2,980.00**				
Client ID :	**SS-5**							
Q1914-06	SS-5	SOIL	Acenaphthene	120.000	J	23.7	190	ug/Kg
Q1914-06	SS-5	SOIL	Fluorene	250.000		28.2	190	ug/Kg
Q1914-06	SS-5	SOIL	Phenanthrene	200.000		23.3	190	ug/Kg
Q1914-06	SS-5	SOIL	Anthracene	100.000	J	37.1	190	ug/Kg
Q1914-06	SS-5	SOIL	Fluoranthene	360.000		33.4	190	ug/Kg
Q1914-06	SS-5	SOIL	Pyrene	360.000		40.1	190	ug/Kg
Q1914-06	SS-5	SOIL	Benzo(a)anthracene	110.000	J	25.6	190	ug/Kg
Q1914-06	SS-5	SOIL	Chrysene	120.000	J	22.2	190	ug/Kg
Q1914-06	SS-5	SOIL	Benzo(a)pyrene	110.000	J	32.8	190	ug/Kg
Q1914-06	SS-5	SOIL	Benzo(g,h,i)perylene	78.800	J	28.6	190	ug/Kg
			Total Svoc :	**1,808.80**				
			Total Concentration:	**1,808.80**				
Client ID :	**SS-6**							
Q1914-07	SS-6	SOIL	Naphthalene	500.000		27	200	ug/Kg
Q1914-07	SS-6	SOIL	Acenaphthene	370.000		25.3	200	ug/Kg
Q1914-07	SS-6	SOIL	Fluorene	520.000		30.1	200	ug/Kg
Q1914-07	SS-6	SOIL	Phenanthrene	680.000		24.9	200	ug/Kg
Q1914-07	SS-6	SOIL	Anthracene	160.000	J	39.6	200	ug/Kg
Q1914-07	SS-6	SOIL	Fluoranthene	2,500.000		35.7	200	ug/Kg
Q1914-07	SS-6	SOIL	Pyrene	1,900.000		42.8	200	ug/Kg
Q1914-07	SS-6	SOIL	Benzo(a)anthracene	610.000		27.4	200	ug/Kg
Q1914-07	SS-6	SOIL	Chrysene	570.000		23.7	200	ug/Kg
Q1914-07	SS-6	SOIL	Benzo(k)fluoranthene	250.000		26.7	200	ug/Kg
Q1914-07	SS-6	SOIL	Benzo(a)pyrene	580.000		35.1	200	ug/Kg
Q1914-07	SS-6	SOIL	Indeno(1,2,3-cd)pyrene	280.000		34.6	200	ug/Kg
Q1914-07	SS-6	SOIL	Dibenzo(a,h)anthracene	84.100	J	32.6	200	ug/Kg
Q1914-07	SS-6	SOIL	Benzo(g,h,i)perylene	310.000		30.6	200	ug/Kg
			Total Svoc :	**9,314.10**				
			Total Concentration:	**9,314.10**				
Client ID :	**SS-7**							
Q1914-08	SS-7	SOIL	Naphthalene	970.000		26.7	200	ug/Kg
Q1914-08	SS-7	SOIL	Phenanthrene	780.000		24.6	200	ug/Kg
Q1914-08	SS-7	SOIL	Fluoranthene	890.000		35.3	200	ug/Kg
Q1914-08	SS-7	SOIL	Pyrene	1,100.000		42.3	200	ug/Kg
Q1914-08	SS-7	SOIL	Benzo(a)anthracene	400.000		27	200	ug/Kg
Q1914-08	SS-7	SOIL	Chrysene	490.000		23.4	200	ug/Kg
Q1914-08	SS-7	SOIL	Benzo(k)fluoranthene	200.000		26.3	200	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q1914

Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1914-08	SS-7	SOIL	Benzo(a)pyrene	410.000		34.7	200	ug/Kg
Q1914-08	SS-7	SOIL	Indeno(1,2,3-cd)pyrene	250.000		34.2	200	ug/Kg
Q1914-08	SS-7	SOIL	Benzo(g,h,i)perylene	310.000		30.2	200	ug/Kg
			Total Svoc :	**5,800.00**				
			Total Concentration:	**5,800.00**				
Client ID : SS-8								
Q1914-09	SS-8	SOIL	Naphthalene	2,000.000		24.5	180	ug/Kg
Q1914-09	SS-8	SOIL	Acenaphthene	190.000		23	180	ug/Kg
Q1914-09	SS-8	SOIL	Phenanthrene	1,400.000		22.6	180	ug/Kg
Q1914-09	SS-8	SOIL	Anthracene	220.000		35.9	180	ug/Kg
Q1914-09	SS-8	SOIL	Fluoranthene	2,000.000		32.4	180	ug/Kg
Q1914-09	SS-8	SOIL	Pyrene	1,800.000		38.9	180	ug/Kg
Q1914-09	SS-8	SOIL	Benzo(a)anthracene	930.000		24.8	180	ug/Kg
Q1914-09	SS-8	SOIL	Chrysene	860.000		21.5	180	ug/Kg
Q1914-09	SS-8	SOIL	Benzo(k)fluoranthene	330.000		24.2	180	ug/Kg
Q1914-09	SS-8	SOIL	Benzo(a)pyrene	770.000		31.8	180	ug/Kg
Q1914-09	SS-8	SOIL	Indeno(1,2,3-cd)pyrene	420.000		31.4	180	ug/Kg
Q1914-09	SS-8	SOIL	Dibenzo(a,h)anthracene	140.000	J	29.6	180	ug/Kg
Q1914-09	SS-8	SOIL	Benzo(g,h,i)perylene	490.000		27.7	180	ug/Kg
			Total Svoc :	**11,550.00**				
			Total Concentration:	**11,550.00**				
Client ID : SS-9								
Q1914-12	SS-9	SOIL	Fluoranthene	160.000	J	34.4	190	ug/Kg
Q1914-12	SS-9	SOIL	Pyrene	150.000	J	41.2	190	ug/Kg
Q1914-12	SS-9	SOIL	Benzo(a)anthracene	83.600	J	26.3	190	ug/Kg
Q1914-12	SS-9	SOIL	Chrysene	78.400	J	22.8	190	ug/Kg
Q1914-12	SS-9	SOIL	Benzo(a)pyrene	79.100	J	33.8	190	ug/Kg
			Total Svoc :	**551.10**				
			Total Concentration:	**551.10**				

SAMPLE DATA

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

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-1	SDG No.:	Q1914
Lab Sample ID:	Q1914-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	88.7
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050066.D	1	04/30/25 11:00	05/01/25 16:05	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	190	U	25.5	190	ug/Kg
208-96-8	Acenaphthylene	190	U	32.5	190	ug/Kg
83-32-9	Acenaphthene	190	U	24.0	190	ug/Kg
86-73-7	Fluorene	190	U	28.5	190	ug/Kg
85-01-8	Phenanthrene	190	U	23.5	190	ug/Kg
120-12-7	Anthracene	190	U	37.5	190	ug/Kg
206-44-0	Fluoranthene	190	U	33.8	190	ug/Kg
129-00-0	Pyrene	190	U	40.5	190	ug/Kg
56-55-3	Benzo(a)anthracene	190	U	25.9	190	ug/Kg
218-01-9	Chrysene	190	U	22.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	U	25.2	190	ug/Kg
50-32-8	Benzo(a)pyrene	190	U	33.2	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	U	32.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	U	30.8	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190	U	28.9	190	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	51.5		18 - 107	51%	SPK: 100
321-60-8	2-Fluorobiphenyl	49.8		20 - 109	50%	SPK: 100
1718-51-0	Terphenyl-d14	49.4		10 - 105	49%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	240000	7.745			
1146-65-2	Naphthalene-d8	828000	10.539			
15067-26-2	Acenaphthene-d10	541000	14.392			
1517-22-2	Phenanthrene-d10	1070000	17.139			
1719-03-5	Chrysene-d12	1100000	21.38			
1520-96-3	Perylene-d12	1220000	24.374			

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Report of Analysis

Client:	CDM Smith			Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY			Date Received:	04/29/25
Client Sample ID:	SS-1			SDG No.:	Q1914
Lab Sample ID:	Q1914-01			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	88.7
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group3
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050066.D	1	04/30/25 11:00	05/01/25 16:05	PB167803

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:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-91	SDG No.:	Q1914
Lab Sample ID:	Q1914-02	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	86.5
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050067.D	1	04/30/25 11:00	05/01/25 16:44	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	200	U	26.2	200	ug/Kg
208-96-8	Acenaphthylene	200	U	33.4	200	ug/Kg
83-32-9	Acenaphthene	200	U	24.6	200	ug/Kg
86-73-7	Fluorene	200	U	29.2	200	ug/Kg
85-01-8	Phenanthrene	200	U	24.1	200	ug/Kg
120-12-7	Anthracene	200	U	38.5	200	ug/Kg
206-44-0	Fluoranthene	82.5	J	34.7	200	ug/Kg
129-00-0	Pyrene	200	U	41.6	200	ug/Kg
56-55-3	Benzo(a)anthracene	200	U	26.6	200	ug/Kg
218-01-9	Chrysene	200	U	23.0	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	200	U	25.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	200	U	34.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200	U	33.6	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	200	U	31.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	200	U	29.7	200	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	81.8		18 - 107	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.3		20 - 109	77%	SPK: 100
1718-51-0	Terphenyl-d14	79.8		10 - 105	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	241000	7.745			
1146-65-2	Naphthalene-d8	827000	10.539			
15067-26-2	Acenaphthene-d10	543000	14.392			
1517-22-2	Phenanthrene-d10	1080000	17.139			
1719-03-5	Chrysene-d12	1170000	21.38			
1520-96-3	Perylene-d12	1280000	24.374			

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Report of Analysis

Client:	CDM Smith			Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY			Date Received:	04/29/25
Client Sample ID:	SS-91			SDG No.:	Q1914
Lab Sample ID:	Q1914-02			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	86.5
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group3
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050067.D	1	04/30/25 11:00	05/01/25 16:44	PB167803

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:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-2	SDG No.:	Q1914
Lab Sample ID:	Q1914-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	84.1
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050071.D	1	04/30/25 11:00	05/01/25 19:20	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	200	U	26.9	200	ug/Kg
208-96-8	Acenaphthylene	200	U	34.3	200	ug/Kg
83-32-9	Acenaphthene	200	U	25.3	200	ug/Kg
86-73-7	Fluorene	200	U	30.0	200	ug/Kg
85-01-8	Phenanthrene	90.7	J	24.8	200	ug/Kg
120-12-7	Anthracene	200	U	39.5	200	ug/Kg
206-44-0	Fluoranthene	190	J	35.6	200	ug/Kg
129-00-0	Pyrene	180	J	42.7	200	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	27.3	200	ug/Kg
218-01-9	Chrysene	110	J	23.6	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	200	U	26.6	200	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	35.0	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200	U	34.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	200	U	32.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	96.5	J	30.5	200	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	42.7		18 - 107	43%	SPK: 100
321-60-8	2-Fluorobiphenyl	37.5		20 - 109	38%	SPK: 100
1718-51-0	Terphenyl-d14	38.2		10 - 105	38%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	276000	7.745			
1146-65-2	Naphthalene-d8	998000	10.539			
15067-26-2	Acenaphthene-d10	689000	14.392			
1517-22-2	Phenanthrene-d10	1450000	17.139			
1719-03-5	Chrysene-d12	1430000	21.38			
1520-96-3	Perylene-d12	1490000	24.374			

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Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-2	SDG No.:	Q1914
Lab Sample ID:	Q1914-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	84.1
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050071.D	1	04/30/25 11:00	05/01/25 19:20	PB167803

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:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-3	SDG No.:	Q1914
Lab Sample ID:	Q1914-04	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	87.5
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050107.D	1	04/30/25 11:00	05/05/25 20:16	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	190	U	25.9	190	ug/Kg
208-96-8	Acenaphthylene	190	U	33.0	190	ug/Kg
83-32-9	Acenaphthene	190	U	24.3	190	ug/Kg
86-73-7	Fluorene	190	U	28.8	190	ug/Kg
85-01-8	Phenanthrene	270		23.8	190	ug/Kg
120-12-7	Anthracene	190	U	38.0	190	ug/Kg
206-44-0	Fluoranthene	450		34.2	190	ug/Kg
129-00-0	Pyrene	400		41.0	190	ug/Kg
56-55-3	Benzo(a)anthracene	220		26.2	190	ug/Kg
218-01-9	Chrysene	210		22.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	J	25.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	210		33.6	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	33.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	U	31.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190		29.3	190	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	52.5		18 - 107	52%	SPK: 100
321-60-8	2-Fluorobiphenyl	49.2		20 - 109	49%	SPK: 100
1718-51-0	Terphenyl-d14	48.9		10 - 105	49%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	369000	7.745			
1146-65-2	Naphthalene-d8	1310000	10.539			
15067-26-2	Acenaphthene-d10	867000	14.392			
1517-22-2	Phenanthrene-d10	1720000	17.139			
1719-03-5	Chrysene-d12	1610000	21.386			
1520-96-3	Perylene-d12	1590000	24.374			

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Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-3	SDG No.:	Q1914
Lab Sample ID:	Q1914-04	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	87.5
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050107.D	1	04/30/25 11:00	05/05/25 20:16	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
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Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-4	SDG No.:	Q1914
Lab Sample ID:	Q1914-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	86.5
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050072.D	1	04/30/25 11:00	05/01/25 20:00	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	200	U	26.2	200	ug/Kg
208-96-8	Acenaphthylene	200	U	33.4	200	ug/Kg
83-32-9	Acenaphthene	200	U	24.6	200	ug/Kg
86-73-7	Fluorene	200	U	29.2	200	ug/Kg
85-01-8	Phenanthrene	300		24.2	200	ug/Kg
120-12-7	Anthracene	200	U	38.5	200	ug/Kg
206-44-0	Fluoranthene	630		34.7	200	ug/Kg
129-00-0	Pyrene	520		41.6	200	ug/Kg
56-55-3	Benzo(a)anthracene	320		26.6	200	ug/Kg
218-01-9	Chrysene	310		23.0	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	J	25.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	330		34.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	J	33.6	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	200	U	31.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	250		29.7	200	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	41.7		18 - 107	42%	SPK: 100
321-60-8	2-Fluorobiphenyl	38.3		20 - 109	38%	SPK: 100
1718-51-0	Terphenyl-d14	35.7		10 - 105	36%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	267000	7.745			
1146-65-2	Naphthalene-d8	987000	10.539			
15067-26-2	Acenaphthene-d10	682000	14.392			
1517-22-2	Phenanthrene-d10	1410000	17.139			
1719-03-5	Chrysene-d12	1410000	21.38			
1520-96-3	Perylene-d12	1420000	24.368			

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Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-4	SDG No.:	Q1914
Lab Sample ID:	Q1914-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	86.5
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050072.D	1	04/30/25 11:00	05/01/25 20:00	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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N = Presumptive Evidence of a Compound
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D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-5	SDG No.:	Q1914
Lab Sample ID:	Q1914-06	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	89.7
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050106.D	1	04/30/25 11:00	05/05/25 19:37	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	190	U	25.3	190	ug/Kg
208-96-8	Acenaphthylene	190	U	32.2	190	ug/Kg
83-32-9	Acenaphthene	120	J	23.7	190	ug/Kg
86-73-7	Fluorene	250		28.2	190	ug/Kg
85-01-8	Phenanthrene	200		23.3	190	ug/Kg
120-12-7	Anthracene	100	J	37.1	190	ug/Kg
206-44-0	Fluoranthene	360		33.4	190	ug/Kg
129-00-0	Pyrene	360		40.1	190	ug/Kg
56-55-3	Benzo(a)anthracene	110	J	25.6	190	ug/Kg
218-01-9	Chrysene	120	J	22.2	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	U	24.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	32.8	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	U	32.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	U	30.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	78.8	J	28.6	190	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	41.6		18 - 107	42%	SPK: 100
321-60-8	2-Fluorobiphenyl	40.5		20 - 109	41%	SPK: 100
1718-51-0	Terphenyl-d14	38.1		10 - 105	38%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	358000	7.745			
1146-65-2	Naphthalene-d8	1220000	10.539			
15067-26-2	Acenaphthene-d10	725000	14.398			
1517-22-2	Phenanthrene-d10	1420000	17.145			
1719-03-5	Chrysene-d12	1470000	21.386			
1520-96-3	Perylene-d12	1570000	24.374			

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Report of Analysis

Client:	CDM Smith			Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY			Date Received:	04/29/25
Client Sample ID:	SS-5			SDG No.:	Q1914
Lab Sample ID:	Q1914-06			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	89.7
Sample Wt/Vol:	30.04	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group3
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050106.D	1	04/30/25 11:00	05/05/25 19:37	PB167803

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:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-6	SDG No.:	Q1914
Lab Sample ID:	Q1914-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	83.8
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024520.D	1	04/30/25 11:00	05/02/25 22:27	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	500		27.0	200	ug/Kg
208-96-8	Acenaphthylene	200	U	34.4	200	ug/Kg
83-32-9	Acenaphthene	370		25.3	200	ug/Kg
86-73-7	Fluorene	520		30.1	200	ug/Kg
85-01-8	Phenanthrene	680		24.9	200	ug/Kg
120-12-7	Anthracene	160	J	39.6	200	ug/Kg
206-44-0	Fluoranthene	2500		35.7	200	ug/Kg
129-00-0	Pyrene	1900		42.8	200	ug/Kg
56-55-3	Benzo(a)anthracene	610		27.4	200	ug/Kg
218-01-9	Chrysene	570		23.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	250		26.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	580		35.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	280		34.6	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	84.1	J	32.6	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	310		30.6	200	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	64.5		18 - 107	64%	SPK: 100
321-60-8	2-Fluorobiphenyl	57.5		20 - 109	58%	SPK: 100
1718-51-0	Terphenyl-d14	58.4		10 - 105	58%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	171000	7.711			
1146-65-2	Naphthalene-d8	658000	10.487			
15067-26-2	Acenaphthene-d10	442000	14.351			
1517-22-2	Phenanthrene-d10	835000	17.151			
1719-03-5	Chrysene-d12	984000	21.586			
1520-96-3	Perylene-d12	1180000	24.939			

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Report of Analysis

Client:	CDM Smith			Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY			Date Received:	04/29/25
Client Sample ID:	SS-6			SDG No.:	Q1914
Lab Sample ID:	Q1914-07			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	83.8
Sample Wt/Vol:	30.09	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group3
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024520.D	1	04/30/25 11:00	05/02/25 22:27	PB167803

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:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-7	SDG No.:	Q1914
Lab Sample ID:	Q1914-08	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	85
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050089.D	1	04/30/25 11:00	05/02/25 17:17	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	970		26.7	200	ug/Kg
208-96-8	Acenaphthylene	200	U	34.0	200	ug/Kg
83-32-9	Acenaphthene	200	U	25.0	200	ug/Kg
86-73-7	Fluorene	200	U	29.7	200	ug/Kg
85-01-8	Phenanthrene	780		24.6	200	ug/Kg
120-12-7	Anthracene	200	U	39.1	200	ug/Kg
206-44-0	Fluoranthene	890		35.3	200	ug/Kg
129-00-0	Pyrene	1100		42.3	200	ug/Kg
56-55-3	Benzo(a)anthracene	400		27.0	200	ug/Kg
218-01-9	Chrysene	490		23.4	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	200		26.3	200	ug/Kg
50-32-8	Benzo(a)pyrene	410		34.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	250		34.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	200	U	32.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	310		30.2	200	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	72.3		18 - 107	72%	SPK: 100
321-60-8	2-Fluorobiphenyl	40.2		20 - 109	40%	SPK: 100
1718-51-0	Terphenyl-d14	44.5		10 - 105	44%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	450000	7.751			
1146-65-2	Naphthalene-d8	1020000	10.557			
15067-26-2	Acenaphthene-d10	947000	14.41			
1517-22-2	Phenanthrene-d10	1900000	17.157			
1719-03-5	Chrysene-d12	1410000	21.386			
1520-96-3	Perylene-d12	1490000	24.38			

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Report of Analysis

Client:	CDM Smith			Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY			Date Received:	04/29/25
Client Sample ID:	SS-7			SDG No.:	Q1914
Lab Sample ID:	Q1914-08			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	85
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group3
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050089.D	1	04/30/25 11:00	05/02/25 17:17	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
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LOD = Limit of Detection
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N = Presumptive Evidence of a Compound
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A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-8	SDG No.:	Q1914
Lab Sample ID:	Q1914-09	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.4
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050082.D	1	04/30/25 11:00	05/02/25 12:41	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	2000		24.5	180	ug/Kg
208-96-8	Acenaphthylene	180	U	31.2	180	ug/Kg
83-32-9	Acenaphthene	190		23.0	180	ug/Kg
86-73-7	Fluorene	180	U	27.3	180	ug/Kg
85-01-8	Phenanthrene	1400		22.6	180	ug/Kg
120-12-7	Anthracene	220		35.9	180	ug/Kg
206-44-0	Fluoranthene	2000		32.4	180	ug/Kg
129-00-0	Pyrene	1800		38.9	180	ug/Kg
56-55-3	Benzo(a)anthracene	930		24.8	180	ug/Kg
218-01-9	Chrysene	860		21.5	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	330		24.2	180	ug/Kg
50-32-8	Benzo(a)pyrene	770		31.8	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	420		31.4	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	J	29.6	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	490		27.7	180	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	138	*	18 - 107	138%	SPK: 100
321-60-8	2-Fluorobiphenyl	54.6		20 - 109	55%	SPK: 100
1718-51-0	Terphenyl-d14	55.5		10 - 105	55%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	344000	7.751			
1146-65-2	Naphthalene-d8	631000	10.557			
15067-26-2	Acenaphthene-d10	706000	14.416			
1517-22-2	Phenanthrene-d10	1170000	17.157			
1719-03-5	Chrysene-d12	1220000	21.386			
1520-96-3	Perylene-d12	1380000	24.374			

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Report of Analysis

Client:	CDM Smith			Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY			Date Received:	04/29/25
Client Sample ID:	SS-8			SDG No.:	Q1914
Lab Sample ID:	Q1914-09			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	92.4
Sample Wt/Vol:	30.08	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group3
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050082.D	1	04/30/25 11:00	05/02/25 12:41	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
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Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-9	SDG No.:	Q1914
Lab Sample ID:	Q1914-12	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	87.1
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050099.D	1	04/30/25 11:00	05/05/25 15:03	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	190	U	26.0	190	ug/Kg
208-96-8	Acenaphthylene	190	U	33.1	190	ug/Kg
83-32-9	Acenaphthene	190	U	24.4	190	ug/Kg
86-73-7	Fluorene	190	U	29.0	190	ug/Kg
85-01-8	Phenanthrene	190	U	23.9	190	ug/Kg
120-12-7	Anthracene	190	U	38.1	190	ug/Kg
206-44-0	Fluoranthene	160	J	34.4	190	ug/Kg
129-00-0	Pyrene	150	J	41.2	190	ug/Kg
56-55-3	Benzo(a)anthracene	83.6	J	26.3	190	ug/Kg
218-01-9	Chrysene	78.4	J	22.8	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	U	25.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	79.1	J	33.8	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	U	33.3	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	U	31.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190	U	29.4	190	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	37.5		18 - 107	37%	SPK: 100
321-60-8	2-Fluorobiphenyl	35.9		20 - 109	36%	SPK: 100
1718-51-0	Terphenyl-d14	35.9		10 - 105	36%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	354000	7.745			
1146-65-2	Naphthalene-d8	1250000	10.539			
15067-26-2	Acenaphthene-d10	827000	14.392			
1517-22-2	Phenanthrene-d10	1610000	17.139			
1719-03-5	Chrysene-d12	1460000	21.386			
1520-96-3	Perylene-d12	1490000	24.374			

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Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-9	SDG No.:	Q1914
Lab Sample ID:	Q1914-12	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	87.1
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050099.D	1	04/30/25 11:00	05/05/25 15:03	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
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Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	FB04282025	SDG No.:	Q1914
Lab Sample ID:	Q1914-14	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142259.D	1	04/30/25 08:35	05/01/25 14:37	PB167798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	5.20	U	0.52	5.20	ug/L
208-96-8	Acenaphthylene	5.20	U	0.78	5.20	ug/L
83-32-9	Acenaphthene	5.20	U	0.57	5.20	ug/L
86-73-7	Fluorene	5.20	U	0.66	5.20	ug/L
85-01-8	Phenanthrene	5.20	U	0.52	5.20	ug/L
120-12-7	Anthracene	5.20	U	0.64	5.20	ug/L
206-44-0	Fluoranthene	5.20	U	0.85	5.20	ug/L
129-00-0	Pyrene	5.20	U	0.52	5.20	ug/L
56-55-3	Benzo(a)anthracene	5.20	U	0.47	5.20	ug/L
218-01-9	Chrysene	5.20	U	0.46	5.20	ug/L
207-08-9	Benzo(k)fluoranthene	5.20	U	0.50	5.20	ug/L
50-32-8	Benzo(a)pyrene	5.20	U	0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.20	U	0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.20	U	0.70	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	5.20	U	0.72	5.20	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	88.3		49 - 133	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.7		52 - 132	76%	SPK: 100
1718-51-0	Terphenyl-d14	55.7		48 - 125	56%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	210000	6.904			
1146-65-2	Naphthalene-d8	792000	8.187			
15067-26-2	Acenaphthene-d10	384000	9.939			
1517-22-2	Phenanthrene-d10	539000	11.428			
1719-03-5	Chrysene-d12	446000	14.063			
1520-96-3	Perylene-d12	456000	15.557			

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Report of Analysis

Client:	CDM Smith			Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY			Date Received:	04/29/25
Client Sample ID:	FB04282025			SDG No.:	Q1914
Lab Sample ID:	Q1914-14			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	960	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group3
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142259.D	1	04/30/25 08:35	05/01/25 14:37	PB167798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
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QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB167798BL	PB167798BL	Nitrobenzene-d5	100	80.3	80		49	133
		2-Fluorobiphenyl	100	70.4	70		52	132
		Terphenyl-d14	100	64.3	64		48	125
PB167798BS	PB167798BS	Nitrobenzene-d5	100	78.7	79		49	133
		2-Fluorobiphenyl	100	69.2	69		52	132
		Terphenyl-d14	100	73.5	74		48	125
PB167798BSD	PB167798BSD	Nitrobenzene-d5	100	80.3	80		49	133
		2-Fluorobiphenyl	100	68.2	68		52	132
		Terphenyl-d14	100	73.8	74		48	125
Q1914-14	FB04282025	Nitrobenzene-d5	100	88.3	88		49	133
		2-Fluorobiphenyl	100	75.7	76		52	132
		Terphenyl-d14	100	55.7	56		48	125

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Surrogate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB167803BL	PB167803BL	Nitrobenzene-d5	100	85.9	86		18	107
		2-Fluorobiphenyl	100	82.7	83		20	109
		Terphenyl-d14	100	96.4	96		10	105
PB167803BS	PB167803BS	Nitrobenzene-d5	100	75.1	75		18	107
		2-Fluorobiphenyl	100	73.7	74		20	109
		Terphenyl-d14	100	76.9	77		10	105
Q1914-01	SS-1	Nitrobenzene-d5	100	51.5	51		18	107
		2-Fluorobiphenyl	100	49.8	50		20	109
		Terphenyl-d14	100	49.4	49		10	105
Q1914-02	SS-91	Nitrobenzene-d5	100	81.8	82		18	107
		2-Fluorobiphenyl	100	77.3	77		20	109
		Terphenyl-d14	100	79.8	80		10	105
Q1914-03	SS-2	Nitrobenzene-d5	100	42.7	43		18	107
		2-Fluorobiphenyl	100	37.5	38		20	109
		Terphenyl-d14	100	38.2	38		10	105
Q1914-04	SS-3	Nitrobenzene-d5	100	52.5	52		18	107
		2-Fluorobiphenyl	100	49.2	49		20	109
		Terphenyl-d14	100	48.9	49		10	105
Q1914-05	SS-4	Nitrobenzene-d5	100	41.7	42		18	107
		2-Fluorobiphenyl	100	38.3	38		20	109
		Terphenyl-d14	100	35.7	36		10	105
Q1914-06	SS-5	Nitrobenzene-d5	100	41.6	42		18	107
		2-Fluorobiphenyl	100	40.5	41		20	109
		Terphenyl-d14	100	38.1	38		10	105
Q1914-07	SS-6	Nitrobenzene-d5	100	64.5	64		18	107
		2-Fluorobiphenyl	100	57.5	58		20	109
		Terphenyl-d14	100	58.4	58		10	105
Q1914-08	SS-7	Nitrobenzene-d5	100	72.3	72		18	107
		2-Fluorobiphenyl	100	40.2	40		20	109
		Terphenyl-d14	100	44.5	44		10	105
Q1914-09	SS-8	Nitrobenzene-d5	100	138	138	*	18	107
		2-Fluorobiphenyl	100	54.6	55		20	109
		Terphenyl-d14	100	55.5	55		10	105
Q1914-10MS	SS-8MS	Nitrobenzene-d5	100	91.0	91		18	107
		2-Fluorobiphenyl	100	44.7	45		20	109
		Terphenyl-d14	100	41.4	41		10	105
Q1914-11MSD	SS-8MSD	Nitrobenzene-d5	100	94.8	95		18	107
		2-Fluorobiphenyl	100	48.5	48		20	109
		Terphenyl-d14	100	43.2	43		10	105
Q1914-12	SS-9	Nitrobenzene-d5	100	37.5	37		18	107
		2-Fluorobiphenyl	100	35.9	36		20	109
		Terphenyl-d14	100	35.9	36		10	105

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q1914-10MS		**Client Sample ID:** SS-8MS						**DataFile:**	BM050083.D		
Naphthalene	1800	2000	3200	ug/Kg	67	*			72	110	
Acenaphthylene	1800	0	1300	ug/Kg	72	*			79	118	
Acenaphthene	1800	190	1400	ug/Kg	67	*			70	121	
Fluorene	1800	0	1600	ug/Kg	89				68	116	
Phenanthrene	1800	1400	2500	ug/Kg	61				52	128	
Anthracene	1800	220	1600	ug/Kg	77				62	124	
Fluoranthene	1800	2000	3100	ug/Kg	61				44	125	
Pyrene	1800	1800	2600	ug/Kg	44				26	142	
Benzo(a)anthracene	1800	930	2200	ug/Kg	71				71	114	
Chrysene	1800	860	2100	ug/Kg	69				57	121	
Benzo(k)fluoranthene	1800	330	1700	ug/Kg	76				57	134	
Benzo(a)pyrene	1800	770	2100	ug/Kg	74				70	142	
Indeno(1,2,3-cd)pyrene	1800	420	1900	ug/Kg	82				40	129	
Dibenz(a,h)anthracene	1800	140	1600	ug/Kg	81				43	123	
Benzo(g,h,i)perylene	1800	490	2000	ug/Kg	84				24	125	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q1914-11MSD		**Client Sample ID:** SS-8MSD						**DataFile:**	BM050084.D		
Naphthalene	1800	2000	3300	ug/Kg	72		7		72	110	20
Acenaphthylene	1800	0	1400	ug/Kg	78	*	8		79	118	20
Acenaphthene	1800	190	1500	ug/Kg	73		9		70	121	20
Fluorene	1800	0	1700	ug/Kg	94		5		68	116	20
Phenanthrene	1800	1400	2500	ug/Kg	61		0		52	128	20
Anthracene	1800	220	1700	ug/Kg	82		6		62	124	20
Fluoranthene	1800	2000	3100	ug/Kg	61		0		44	125	20
Pyrene	1800	1800	2700	ug/Kg	50		13		26	142	20
Benzo(a)anthracene	1800	930	2300	ug/Kg	76		7		71	114	20
Chrysene	1800	860	2200	ug/Kg	74		7		57	121	20
Benzo(k)fluoranthene	1800	330	1700	ug/Kg	76		0		57	134	20
Benzo(a)pyrene	1800	770	2100	ug/Kg	74		0		70	142	20
Indeno(1,2,3-cd)pyrene	1800	420	1900	ug/Kg	82		0		40	129	20
Dibenz(a,h)anthracene	1800	140	1700	ug/Kg	87		7		43	123	20
Benzo(g,h,i)perylene	1800	490	2000	ug/Kg	84		0		24	125	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: 8270E **DataFile:** BF142252.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167798BS	Naphthalene	50	40.4	ug/L	81				64	107	
	Acenaphthylene	50	41.2	ug/L	82				79	103	
	Acenaphthene	50	43.9	ug/L	88				59	113	
	Fluorene	50	41.1	ug/L	82				64	107	
	Phenanthrene	50	40.0	ug/L	80				62	109	
	Anthracene	50	40.9	ug/L	82				65	110	
	Fluoranthene	50	41.9	ug/L	84				64	110	
	Pyrene	50	42.9	ug/L	86				71	103	
	Benzo(a)anthracene	50	41.2	ug/L	82				62	107	
	Chrysene	50	43.6	ug/L	87				61	108	
	Benzo(k)fluoranthene	50	39.7	ug/L	79				77	105	
	Benzo(a)pyrene	50	42.5	ug/L	85				72	131	
	Indeno(1,2,3-cd)pyrene	50	42.2	ug/L	84				72	105	
	Dibenz(a,h)anthracene	50	42.3	ug/L	85				78	115	
	Benzo(g,h,i)perylene	50	42.0	ug/L	84				75	118	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: 8270E **DataFile:** BF142253.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167798BSD	Naphthalene	50	39.8	ug/L	80	1			64	107	20
	Acenaphthylene	50	40.8	ug/L	82	1			79	103	20
	Acenaphthene	50	44.0	ug/L	88	0			59	113	20
	Fluorene	50	40.7	ug/L	81	1			64	107	20
	Phenanthrene	50	40.7	ug/L	81	2			62	109	20
	Anthracene	50	41.3	ug/L	83	1			65	110	20
	Fluoranthene	50	41.8	ug/L	84	0			64	110	20
	Pyrene	50	43.0	ug/L	86	0			71	103	20
	Benzo(a)anthracene	50	41.3	ug/L	83	0			62	107	20
	Chrysene	50	43.0	ug/L	86	1			61	108	20
	Benzo(k)fluoranthene	50	44.5	ug/L	89	11			77	105	20
	Benzo(a)pyrene	50	42.6	ug/L	85	0			72	131	20
	Indeno(1,2,3-cd)pyrene	50	42.8	ug/L	86	1			72	105	20
	Dibenz(a,h)anthracene	50	43.0	ug/L	86	2			78	115	20
	Benzo(g,h,i)perylene	50	43.1	ug/L	86	3			75	118	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: 8270E **DataFile:** BM050081.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167803BS	Naphthalene	1700	1400	ug/Kg	82				62	100	
	Acenaphthylene	1700	1400	ug/Kg	82				63	101	
	Acenaphthene	1700	1400	ug/Kg	82				57	104	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	Phenanthrene	1700	1400	ug/Kg	82				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Pyrene	1700	1400	ug/Kg	82				59	103	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	Benzo(k)fluoranthene	1700	1400	ug/Kg	82				62	109	
	Benzo(a)pyrene	1700	1500	ug/Kg	88				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	

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SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167798BL

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: BF142251.D Lab Sample ID: PB167798BL

Instrument ID: BNA_F Date Extracted: 04/30/2025

Matrix: (soil/water) Water Date Analyzed: 05/01/2025

Level: (low/med) LOW Time Analyzed: 10:45

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167798BS	PB167798BS	BF142252.D	05/01/2025
PB167798BSD	PB167798BSD	BF142253.D	05/01/2025
FB04282025	Q1914-14	BF142259.D	05/01/2025

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167803BL

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: BM050080.D Lab Sample ID: PB167803BL

Instrument ID: BNA_M Date Extracted: 04/30/2025

Matrix: (soil/water) SOIL Date Analyzed: 05/02/2025

Level: (low/med) LOW Time Analyzed: 11:13

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167803BS	PB167803BS	BM050081.D	05/02/2025
SS-8	Q1914-09	BM050082.D	05/02/2025
SS-8MS	Q1914-10MS	BM050083.D	05/02/2025
SS-8MSD	Q1914-11MSD	BM050084.D	05/02/2025
SS-7	Q1914-08	BM050089.D	05/02/2025
SS-9	Q1914-12	BM050099.D	05/05/2025
SS-5	Q1914-06	BM050106.D	05/05/2025
SS-3	Q1914-04	BM050107.D	05/05/2025
SS-6	Q1914-07	BP024520.D	05/02/2025
SS-1	Q1914-01	BM050066.D	05/01/2025
SS-91	Q1914-02	BM050067.D	05/01/2025
SS-2	Q1914-03	BM050071.D	05/01/2025
SS-4	Q1914-05	BM050072.D	05/01/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: BF142238.D DFTPP Injection Date: 04/30/2025

Instrument ID: BNA_F DFTPP Injection Time: 10:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.6
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	27.3
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	37.1
197	Less than 2.0% of mass 198	0.7
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.3
275	10.0 - 60.0% of mass 198	22.8
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.9 (19.9) 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	BF142239.D	04/30/2025	11:24
SSTDICC005	SSTDICC005	BF142240.D	04/30/2025	11:52
SSTDICC010	SSTDICC010	BF142241.D	04/30/2025	12:20
SSTDICC020	SSTDICC020	BF142242.D	04/30/2025	12:49
SSTDICCC040	SSTDICCC040	BF142243.D	04/30/2025	13:17
SSTDICC050	SSTDICC050	BF142244.D	04/30/2025	13:46
SSTDICC060	SSTDICC060	BF142245.D	04/30/2025	14:15
SSTDICC080	SSTDICC080	BF142246.D	04/30/2025	14:43

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: BF142249.D DFTPP Injection Date: 05/01/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.4
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	31.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	42.4
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.9
275	10.0 - 60.0% of mass 198	23.8
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	15.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.1) 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	BF142250.D	05/01/2025	10:17
PB167798BL	PB167798BL	BF142251.D	05/01/2025	10:45
PB167798BS	PB167798BS	BF142252.D	05/01/2025	11:13
PB167798BSD	PB167798BSD	BF142253.D	05/01/2025	11:42
FB04282025	Q1914-14	BF142259.D	05/01/2025	14:37

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: BM050023.D DFTPP Injection Date: 04/28/2025

Instrument ID: BNA_M DFTPP Injection Time: 11:46

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	23.8
68	Less than 2.0% of mass 69	0.4 (1.3) 1
69	Mass 69 relative abundance	28.5
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	35.7
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	74.7
443	15.0 - 24.0% of mass 442	14.4 (19.3) 2

1-Value is % mass 69 2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BM050024.D	04/28/2025	12:30
SSTDICC005	SSTDICC005	BM050025.D	04/28/2025	13:09
SSTDICC010	SSTDICC010	BM050026.D	04/28/2025	13:48
SSTDICC020	SSTDICC020	BM050027.D	04/28/2025	14:27
SSTDICCC040	SSTDICCC040	BM050028.D	04/28/2025	15:06
SSTDICC050	SSTDICC050	BM050029.D	04/28/2025	15:45
SSTDICC060	SSTDICC060	BM050030.D	04/28/2025	16:24
SSTDICC080	SSTDICC080	BM050031.D	04/28/2025	17:04

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: BM050061.D DFTPP Injection Date: 05/01/2025

Instrument ID: BNA_M DFTPP Injection Time: 12:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	22.1
68	Less than 2.0% of mass 69	0.4 (1.5) 1
69	Mass 69 relative abundance	26.4
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	34.3
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	6.7
275	10.0 - 60.0% of mass 198	27
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	12.6
442	Greater than 50% of mass 198	81.4
443	15.0 - 24.0% of mass 442	15.5 (19.1) 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	BM050062.D	05/01/2025	13:25
SS-1	Q1914-01	BM050066.D	05/01/2025	16:05
SS-91	Q1914-02	BM050067.D	05/01/2025	16:44
SS-2	Q1914-03	BM050071.D	05/01/2025	19:20
SS-4	Q1914-05	BM050072.D	05/01/2025	20:00

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: BM050078.D DFTPP Injection Date: 05/02/2025

Instrument ID: BNA_M DFTPP Injection Time: 09:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	20.9
68	Less than 2.0% of mass 69	0.4 (1.5) 1
69	Mass 69 relative abundance	25.2
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	32.5
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	26.7
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	12.2
442	Greater than 50% of mass 198	77.4
443	15.0 - 24.0% of mass 442	15.1 (19.5) 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	BM050079.D	05/02/2025	10:33
PB167803BL	PB167803BL	BM050080.D	05/02/2025	11:13
PB167803BS	PB167803BS	BM050081.D	05/02/2025	11:52
SS-8	Q1914-09	BM050082.D	05/02/2025	12:41
SS-8MS	Q1914-10MS	BM050083.D	05/02/2025	13:20
SS-8MSD	Q1914-11MSD	BM050084.D	05/02/2025	14:00
SS-7	Q1914-08	BM050089.D	05/02/2025	17:17

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: BM050095.D DFTPP Injection Date: 05/05/2025

Instrument ID: BNA_M DFTPP Injection Time: 11:39

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	21.5
68	Less than 2.0% of mass 69	0.4 (1.4) 1
69	Mass 69 relative abundance	25.9
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	33.8
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	27.5
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	13.2
442	Greater than 50% of mass 198	82.9
443	15.0 - 24.0% of mass 442	16.3 (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	BM050096.D	05/05/2025	12:18
SS-9	Q1914-12	BM050099.D	05/05/2025	15:03
SS-5	Q1914-06	BM050106.D	05/05/2025	19:37
SS-3	Q1914-04	BM050107.D	05/05/2025	20:16

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: BP024274.D DFTPP Injection Date: 04/14/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.4
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	36
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	48.5
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	29.1
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	15.2
442	Greater than 50% of mass 198	99.1
443	15.0 - 24.0% of mass 442	19.2 (19.4) 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	BP024275.D	04/14/2025	11:06
SSTDICC005	SSTDICC005	BP024276.D	04/14/2025	11:47
SSTDICC010	SSTDICC010	BP024277.D	04/14/2025	12:27
SSTDICC020	SSTDICC020	BP024278.D	04/14/2025	13:08
SSTDICCC040	SSTDICCC040	BP024279.D	04/14/2025	13:49
SSTDICC050	SSTDICC050	BP024280.D	04/14/2025	15:10
SSTDICC060	SSTDICC060	BP024281.D	04/14/2025	16:32
SSTDICC080	SSTDICC080	BP024282.D	04/14/2025	17:13

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: BP024503.D DFTPP Injection Date: 05/02/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:47

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24.3
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	26.8
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	38.3
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	5.5
275	10.0 - 60.0% of mass 198	26
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	15.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (19.5) 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	BP024504.D	05/02/2025	11:27
SS-6	Q1914-07	BP024520.D	05/02/2025	22:27

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/01/2025

Lab File ID: BF142250.D Time Analyzed: 10:17

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	186578	6.91	719586	8.19	381198	9.95
	UPPER LIMIT	373156	7.41	1439170	8.692	762396	10.445
	LOWER LIMIT	93289	6.41	359793	7.692	190599	9.445
	EPA SAMPLE NO.						
01	PB167798BL	227901	6.90	877397	8.19	467254	9.95
02	PB167798BS	225762	6.91	889454	8.19	464234	9.95
03	PB167798BSD	228844	6.91	895505	8.19	472033	9.95
04	FB04282025	209525	6.90	791724	8.19	383707	9.94

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: CHEMTECH

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/01/2025

Lab File ID: BF142250.D Time Analyzed: 10:17

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	647816	11.433	384442	14.074	349272	15.562
	UPPER LIMIT	1295630	11.933	768884	14.574	698544	16.062
	LOWER LIMIT	323908	10.933	192221	13.574	174636	15.062
	EPA SAMPLE NO.						
01	PB167798BL	826787	11.43	587490	14.07	406867	15.56
02	PB167798BS	800889	11.43	447227	14.07	448663	15.56
03	PB167798BSD	796412	11.43	445019	14.07	441873	15.56
04	FB04282025	539331	11.43	446045	14.06	456057	15.56

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: CHEMTECH

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/01/2025

Lab File ID: BM050062.D Time Analyzed: 13:25

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	329367	7.757	1090200	10.55	636680	14.40
	UPPER LIMIT	658734	8.257	2180400	11.045	1273360	14.898
	LOWER LIMIT	164684	7.257	545100	10.045	318340	13.898
	EPA SAMPLE NO.						
01	SS-4	266849	7.75	987063	10.54	682416	14.39
02	SS-1	239935	7.75	828165	10.54	540888	14.39
03	SS-91	241297	7.75	826545	10.54	542720	14.39
04	SS-2	275696	7.75	997778	10.54	688876	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: CHEMTECH

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/01/2025

Lab File ID: BM050062.D Time Analyzed: 13:25

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1171490	17.145	1137060	21.386	1050480	24.374
	UPPER LIMIT	2342980	17.645	2274120	21.886	2100960	24.874
	LOWER LIMIT	585745	16.645	568530	20.886	525240	23.874
	EPA SAMPLE NO.						
01	SS-4	1413670	17.14	1410220	21.38	1421530	24.37
02	SS-1	1067810	17.14	1100860	21.38	1221360	24.37
03	SS-91	1075470	17.14	1169710	21.38	1275490	24.37
04	SS-2	1445780	17.14	1428820	21.38	1491420	24.37

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/02/2025

Lab File ID: BM050079.D Time Analyzed: 10:33

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	249928	7.751	901454	10.54	586754	14.40
	UPPER LIMIT	499856	8.251	1802910	11.039	1173510	14.898
	LOWER LIMIT	124964	7.251	450727	10.039	293377	13.898
	EPA SAMPLE NO.						
01	PB167803BL	227359	7.75	771197	10.55	505614	14.40
02	PB167803BS	238731	7.75	852455	10.54	546617	14.40
03	SS-7	450043	7.75	1023590	10.56	947352	14.41
04	SS-8	344484	7.75	630857	10.56	706415	14.42
05	SS-8MS	315345	7.75	672358	10.56	611965	14.41
06	SS-8MSD	318543	7.75	669041	10.56	587094	14.41

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: CHEMTECH

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/02/2025

Lab File ID: BM050079.D Time Analyzed: 10:33

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1164750	17.145	1138510	21.38	1096970	24.374
	UPPER LIMIT	2329500	17.645	2277020	21.88	2193940	24.874
	LOWER LIMIT	582375	16.645	569255	20.88	548485	23.874
	EPA SAMPLE NO.						
01	PB167803BL	1028820	17.15	949846	21.39	1027400	24.37
02	PB167803BS	1041830	17.15	1028150	21.39	1050830	24.37
03	SS-7	1897250	17.16	1412130	21.39	1490250	24.38
04	SS-8	1174130	17.16	1218530	21.39	1375320	24.37
05	SS-8MS	1130510	17.16	1268700	21.39	1417440	24.37
06	SS-8MSD	1125280	17.16	1238340	21.39	1405070	24.37

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

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* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/05/2025

Lab File ID: BM050096.D Time Analyzed: 12:18

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	253723	7.745	967980	10.54	663376	14.40
	UPPER LIMIT	507446	8.245	1935960	11.039	1326750	14.898
	LOWER LIMIT	126862	7.245	483990	10.039	331688	13.898
	EPA SAMPLE NO.						
01	SS-5	357595	7.75	1220330	10.54	725121	14.40
02	SS-9	354451	7.75	1254840	10.54	826535	14.39
03	SS-3	368852	7.75	1311010	10.54	867173	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: CHEMTECH

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/05/2025

Lab File ID: BM050096.D Time Analyzed: 12:18

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1334830	17.145	1249730	21.386	1253430	24.38
	UPPER LIMIT	2669660	17.645	2499460	21.886	2506860	24.88
	LOWER LIMIT	667415	16.645	624865	20.886	626715	23.88
	EPA SAMPLE NO.						
01	SS-5	1422910	17.15	1469030	21.39	1573720	24.37
02	SS-9	1612550	17.14	1455810	21.39	1490530	24.37
03	SS-3	1719610	17.14	1608470	21.39	1592320	24.37

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: CHEMTECH

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/02/2025

Lab File ID: BP024504.D Time Analyzed: 11:27

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	129550	7.71	549706	10.48	360102	14.34
	UPPER LIMIT	259100	8.21	1099410	10.981	720204	14.84
	LOWER LIMIT	64775	7.21	274853	9.981	180051	13.84
	EPA SAMPLE NO.						
01	SS-6	170544	7.71	657655	10.49	442093	14.35

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: CHEMTECH

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/02/2025

Lab File ID: BP024504.D Time Analyzed: 11:27

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	708711	17.145	795052	21.598	924354	24.945
	UPPER LIMIT	1417420	17.645	1590100	22.098	1848710	25.445
	LOWER LIMIT	354356	16.645	397526	21.098	462177	24.445
	EPA SAMPLE NO.						
01	SS-6	835247	17.15	983824	21.59	1181270	24.94

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:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	PB167798BL	SDG No.:	Q1914
Lab Sample ID:	PB167798BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142251.D	1	04/30/25 08:35	05/01/25 10:45	PB167798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	5.00	U	0.50	5.00	ug/L
208-96-8	Acenaphthylene	5.00	U	0.75	5.00	ug/L
83-32-9	Acenaphthene	5.00	U	0.55	5.00	ug/L
86-73-7	Fluorene	5.00	U	0.63	5.00	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
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
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
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
SURROGATES						
4165-60-0	Nitrobenzene-d5	80.3		49 - 133	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.4		52 - 132	70%	SPK: 100
1718-51-0	Terphenyl-d14	64.3		48 - 125	64%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	228000	6.904			
1146-65-2	Naphthalene-d8	877000	8.187			
15067-26-2	Acenaphthene-d10	467000	9.945			
1517-22-2	Phenanthrene-d10	827000	11.428			
1719-03-5	Chrysene-d12	587000	14.069			
1520-96-3	Perylene-d12	407000	15.563			

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Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY			Date Received:	
Client Sample ID:	PB167798BL			SDG No.:	Q1914
Lab Sample ID:	PB167798BL			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group3
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142251.D	1	04/30/25 08:35	05/01/25 10:45	PB167798

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:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	PB167803BL	SDG No.:	Q1914
Lab Sample ID:	PB167803BL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050080.D	1	04/30/25 11:00	05/02/25 11:13	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	170	U	22.7	170	ug/Kg
208-96-8	Acenaphthylene	170	U	28.9	170	ug/Kg
83-32-9	Acenaphthene	170	U	21.3	170	ug/Kg
86-73-7	Fluorene	170	U	25.3	170	ug/Kg
85-01-8	Phenanthrene	170	U	20.9	170	ug/Kg
120-12-7	Anthracene	170	U	33.3	170	ug/Kg
206-44-0	Fluoranthene	170	U	30.0	170	ug/Kg
129-00-0	Pyrene	170	U	36.0	170	ug/Kg
56-55-3	Benzo(a)anthracene	170	U	23.0	170	ug/Kg
218-01-9	Chrysene	170	U	19.9	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	170	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	U	25.7	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	85.9		18 - 107	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.7		20 - 109	83%	SPK: 100
1718-51-0	Terphenyl-d14	96.4		10 - 105	96%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	227000	7.751			
1146-65-2	Naphthalene-d8	771000	10.545			
15067-26-2	Acenaphthene-d10	506000	14.398			
1517-22-2	Phenanthrene-d10	1030000	17.145			
1719-03-5	Chrysene-d12	950000	21.386			
1520-96-3	Perylene-d12	1030000	24.374			

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Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY			Date Received:	
Client Sample ID:	PB167803BL			SDG No.:	Q1914
Lab Sample ID:	PB167803BL			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	100
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group3
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050080.D	1	04/30/25 11:00	05/02/25 11:13	PB167803

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:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	PB167798BS	SDG No.:	Q1914
Lab Sample ID:	PB167798BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142252.D	1	04/30/25 08:35	05/01/25 11:13	PB167798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	40.4		0.50	5.00	ug/L
208-96-8	Acenaphthylene	41.2		0.75	5.00	ug/L
83-32-9	Acenaphthene	43.9		0.55	5.00	ug/L
86-73-7	Fluorene	41.1		0.63	5.00	ug/L
85-01-8	Phenanthrene	40.0		0.50	5.00	ug/L
120-12-7	Anthracene	40.9		0.61	5.00	ug/L
206-44-0	Fluoranthene	41.9		0.82	5.00	ug/L
129-00-0	Pyrene	42.9		0.50	5.00	ug/L
56-55-3	Benzo(a)anthracene	41.2		0.45	5.00	ug/L
218-01-9	Chrysene	43.6		0.44	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	39.7		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	42.5		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	42.2		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	42.3		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	42.0		0.69	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	78.7		49 - 133	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	69.2		52 - 132	69%	SPK: 100
1718-51-0	Terphenyl-d14	73.5		48 - 125	74%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	226000	6.91			
1146-65-2	Naphthalene-d8	889000	8.192			
15067-26-2	Acenaphthene-d10	464000	9.945			
1517-22-2	Phenanthrene-d10	801000	11.433			
1719-03-5	Chrysene-d12	447000	14.074			
1520-96-3	Perylene-d12	449000	15.563			

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Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY			Date Received:	
Client Sample ID:	PB167798BS			SDG No.:	Q1914
Lab Sample ID:	PB167798BS			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group3
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142252.D	1	04/30/25 08:35	05/01/25 11:13	PB167798

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:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	PB167803BS	SDG No.:	Q1914
Lab Sample ID:	PB167803BS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050081.D	1	04/30/25 11:00	05/02/25 11:52	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1400		22.7	170	ug/Kg
208-96-8	Acenaphthylene	1400		28.9	170	ug/Kg
83-32-9	Acenaphthene	1400		21.3	170	ug/Kg
86-73-7	Fluorene	1400		25.3	170	ug/Kg
85-01-8	Phenanthrene	1400		20.9	170	ug/Kg
120-12-7	Anthracene	1500		33.3	170	ug/Kg
206-44-0	Fluoranthene	1500		30.0	170	ug/Kg
129-00-0	Pyrene	1400		36.0	170	ug/Kg
56-55-3	Benzo(a)anthracene	1500		23.0	170	ug/Kg
218-01-9	Chrysene	1500		19.9	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1500		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		25.7	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	75.1		18 - 107	75%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.7		20 - 109	74%	SPK: 100
1718-51-0	Terphenyl-d14	76.9		10 - 105	77%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	239000	7.751			
1146-65-2	Naphthalene-d8	852000	10.539			
15067-26-2	Acenaphthene-d10	547000	14.398			
1517-22-2	Phenanthrene-d10	1040000	17.145			
1719-03-5	Chrysene-d12	1030000	21.386			
1520-96-3	Perylene-d12	1050000	24.374			

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Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY			Date Received:	
Client Sample ID:	PB167803BS			SDG No.:	Q1914
Lab Sample ID:	PB167803BS			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group3
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050081.D	1	04/30/25 11:00	05/02/25 11:52	PB167803

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:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	PB167798BSD	SDG No.:	Q1914
Lab Sample ID:	PB167798BSD	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142253.D	1	04/30/25 08:35	05/01/25 11:42	PB167798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	39.8		0.50	5.00	ug/L
208-96-8	Acenaphthylene	40.8		0.75	5.00	ug/L
83-32-9	Acenaphthene	44.0		0.55	5.00	ug/L
86-73-7	Fluorene	40.7		0.63	5.00	ug/L
85-01-8	Phenanthrene	40.7		0.50	5.00	ug/L
120-12-7	Anthracene	41.3		0.61	5.00	ug/L
206-44-0	Fluoranthene	41.8		0.82	5.00	ug/L
129-00-0	Pyrene	43.0		0.50	5.00	ug/L
56-55-3	Benzo(a)anthracene	41.3		0.45	5.00	ug/L
218-01-9	Chrysene	43.0		0.44	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	44.5		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	42.6		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	42.8		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	43.0		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	43.1		0.69	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	80.3		49 - 133	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.2		52 - 132	68%	SPK: 100
1718-51-0	Terphenyl-d14	73.8		48 - 125	74%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	229000	6.91			
1146-65-2	Naphthalene-d8	896000	8.192			
15067-26-2	Acenaphthene-d10	472000	9.945			
1517-22-2	Phenanthrene-d10	796000	11.433			
1719-03-5	Chrysene-d12	445000	14.074			
1520-96-3	Perylene-d12	442000	15.563			

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Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	PB167798BSD	SDG No.:	Q1914
Lab Sample ID:	PB167798BSD	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142253.D	1	04/30/25 08:35	05/01/25 11:42	PB167798

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:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-8MS	SDG No.:	Q1914
Lab Sample ID:	Q1914-10MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.4
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050083.D	1	04/30/25 11:00	05/02/25 13:20	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	3200	E	24.6	180	ug/Kg
208-96-8	Acenaphthylene	1300		31.3	180	ug/Kg
83-32-9	Acenaphthene	1400		23.0	180	ug/Kg
86-73-7	Fluorene	1600		27.4	180	ug/Kg
85-01-8	Phenanthrene	2500		22.6	180	ug/Kg
120-12-7	Anthracene	1600		36.0	180	ug/Kg
206-44-0	Fluoranthene	3100	E	32.4	180	ug/Kg
129-00-0	Pyrene	2600		38.9	180	ug/Kg
56-55-3	Benzo(a)anthracene	2200		24.9	180	ug/Kg
218-01-9	Chrysene	2100		21.5	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		24.2	180	ug/Kg
50-32-8	Benzo(a)pyrene	2100		31.9	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900		31.5	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		29.6	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2000		27.8	180	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	91.0		18 - 107	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	44.7		20 - 109	45%	SPK: 100
1718-51-0	Terphenyl-d14	41.4		10 - 105	41%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	315000	7.751			
1146-65-2	Naphthalene-d8	672000	10.557			
15067-26-2	Acenaphthene-d10	612000	14.41			
1517-22-2	Phenanthrene-d10	1130000	17.157			
1719-03-5	Chrysene-d12	1270000	21.386			
1520-96-3	Perylene-d12	1420000	24.374			

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Report of Analysis

Client:	CDM Smith			Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY			Date Received:	04/29/25
Client Sample ID:	SS-8MS			SDG No.:	Q1914
Lab Sample ID:	Q1914-10MS			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	92.4
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group3
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050083.D	1	04/30/25 11:00	05/02/25 13:20	PB167803

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:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-8MSD	SDG No.:	Q1914
Lab Sample ID:	Q1914-11MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050084.D	1	04/30/25 11:00	05/02/25 14:00	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	3300	E	24.5	180	ug/Kg
208-96-8	Acenaphthylene	1400		31.2	180	ug/Kg
83-32-9	Acenaphthene	1500		23.0	180	ug/Kg
86-73-7	Fluorene	1700		27.3	180	ug/Kg
85-01-8	Phenanthrene	2500		22.6	180	ug/Kg
120-12-7	Anthracene	1700		36.0	180	ug/Kg
206-44-0	Fluoranthene	3100	E	32.4	180	ug/Kg
129-00-0	Pyrene	2700		38.9	180	ug/Kg
56-55-3	Benzo(a)anthracene	2300		24.9	180	ug/Kg
218-01-9	Chrysene	2200		21.5	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		24.2	180	ug/Kg
50-32-8	Benzo(a)pyrene	2100		31.9	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900		31.5	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		29.6	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2000		27.8	180	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	94.8		18 - 107	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	48.5		20 - 109	48%	SPK: 100
1718-51-0	Terphenyl-d14	43.2		10 - 105	43%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	319000	7.751			
1146-65-2	Naphthalene-d8	669000	10.557			
15067-26-2	Acenaphthene-d10	587000	14.41			
1517-22-2	Phenanthrene-d10	1130000	17.157			
1719-03-5	Chrysene-d12	1240000	21.386			
1520-96-3	Perylene-d12	1410000	24.374			

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

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-8MSD	SDG No.:	Q1914
Lab Sample ID:	Q1914-11MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050084.D	1	04/30/25 11:00	05/02/25 14:00	PB167803

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

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Apr 15 04:48:42 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP024275.D 5 =BP024276.D 10 =BP024277.D 20 =BP024278.D 40 =BP024279.D 50 =BP024280.D 60 =BP024281.D 80 =BP0242
82.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.551	0.517	0.552	0.512	0.481	0.490	0.477	0.512	6.10
3)		Pyridine		1.265	1.280	1.422	1.396	1.333	1.383	1.378	1.351	4.43
4)		n-Nitrosodimet...		0.424	0.443	0.469	0.457	0.442	0.460	0.444	0.448	3.29
5)	S	2-Fluorophenol		1.123	1.145	1.262	1.254	1.210	1.277	1.196	1.210	4.93
6)		Aniline		1.439	1.487	1.636	1.587	1.403	1.428	1.380	1.480	6.52
7)	S	Phenol-d6		1.463	1.552	1.718	1.748	1.697	1.769	1.647	1.656	6.75
8)		2-Chlorophenol		1.260	1.297	1.412	1.399	1.359	1.400	1.328	1.350	4.30
9)		Benzaldehyde		0.943	0.934	0.942	0.836	0.732	0.726	0.621	0.819	15.70
10)	C	Phenol		1.475	1.565	1.720	1.750	1.698	1.779	1.643	1.661	6.54
11)		bis(2-Chloroet...		1.278	1.317	1.399	1.398	1.321	1.358	1.300	1.339	3.56
12)		1,3-Dichlorobe...		1.464	1.486	1.534	1.486	1.402	1.433	1.373	1.454	3.79
13)	C	1,4-Dichlorobe...		1.496	1.489	1.550	1.494	1.436	1.463	1.399	1.475	3.28
14)		1,2-Dichlorobe...		1.472	1.441	1.502	1.445	1.362	1.411	1.339	1.424	4.10
15)		Benzyl Alcohol		0.857	0.935	1.106	1.158	1.142	1.178	1.122	1.071	11.58
16)		2,2'-oxybis(1-...		1.452	1.496	1.517	1.514	1.405	1.397	1.348	1.447	4.54
17)		2-Methylphenol		0.915	1.002	1.123	1.140	1.105	1.150	1.087	1.075	7.97
18)		Hexachloroethane		0.532	0.537	0.558	0.542	0.521	0.533	0.510	0.533	2.88
19)	P	n-Nitroso-di-n...	0.941	1.008	1.008	1.088	1.084	1.041	1.038	0.989	1.025	4.76
20)		3+4-Methylphenols		1.224	1.365	1.560	1.592	1.567	1.607	1.525	1.491	9.57
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.470	0.487	0.522	0.519	0.490	0.495	0.483	0.495	3.85
23)	S	Nitrobenzene-d5		0.322	0.337	0.367	0.368	0.357	0.356	0.347	0.351	4.76
24)		Nitrobenzene		0.328	0.334	0.362	0.364	0.349	0.353	0.340	0.347	3.96
25)		Isophorone		0.575	0.601	0.653	0.673	0.650	0.654	0.639	0.635	5.41
26)	C	2-Nitrophenol		0.130	0.143	0.172	0.183	0.184	0.191	0.186	0.170	13.97
27)		2,4-Dimethylph...		0.180	0.194	0.219	0.226	0.225	0.228	0.221	0.213	8.81
28)		bis(2-Chloroet...		0.412	0.426	0.444	0.452	0.430	0.425	0.412	0.429	3.51
29)	C	2,4-Dichloroph...		0.242	0.268	0.297	0.308	0.307	0.311	0.302	0.291	8.94
30)		1,2,4-Trichlor...		0.308	0.305	0.318	0.321	0.309	0.315	0.306	0.311	2.00
31)		Naphthalene		1.044	1.054	1.091	1.079	1.037	1.048	1.023	1.054	2.27
32)		Benzoic acid			0.185	0.226	0.242	0.270	0.285	0.282	0.248	15.56
33)		4-Chloroaniline		0.328	0.349	0.389	0.397	0.378	0.379	0.378	0.371	6.46
34)	C	Hexachlorobuta...		0.181	0.181	0.186	0.189	0.181	0.182	0.182	0.183	1.62
35)		Caprolactam		0.085	0.092	0.111	0.112	0.115	0.121	0.115	0.107	12.53
36)	C	4-Chloro-3-met...		0.284	0.310	0.349	0.357	0.356	0.363	0.351	0.339	8.82
37)		2-Methylnaphth...		0.700	0.720	0.755	0.755	0.733	0.740	0.712	0.731	2.89
38)		1-Methylnaphth...		0.700	0.714	0.737	0.731	0.712	0.718	0.691	0.715	2.25

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP041425.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.522	0.538	0.568	0.576	0.544	0.549	0.552	0.550	3.33
41)	P	Hexachlorocycl...	0.162	0.185	0.197	0.218	0.199	0.197	0.204	0.195	8.92
42)	S	2,4,6-Tribromo...	0.235	0.256	0.278	0.289	0.289	0.296	0.294	0.277	8.29
43)	C	2,4,6-Trichlor...	0.301	0.335	0.369	0.389	0.386	0.390	0.390	0.366	9.51
44)		2,4,5-Trichlor...	0.332	0.371	0.409	0.427	0.429	0.436	0.430	0.405	9.62
45)	S	2-Fluorobiphenyl	1.332	1.334	1.359	1.366	1.263	1.251	1.240	1.306	4.08
46)		1,1'-Biphenyl	1.454	1.489	1.528	1.529	1.434	1.428	1.429	1.470	3.07
47)		2-Chloronaphth...	1.063	1.100	1.135	1.139	1.085	1.090	1.078	1.099	2.60
48)		2-Nitroaniline	0.250	0.270	0.317	0.330	0.324	0.335	0.331	0.308	10.98
49)		Acenaphthylene	1.604	1.680	1.793	1.814	1.726	1.763	1.730	1.730	4.11
50)		Dimethylphthalate	1.429	1.416	1.495	1.495	1.460	1.460	1.426	1.454	2.22
51)		2,6-Dinitrotol...	0.264	0.290	0.319	0.325	0.319	0.328	0.317	0.309	7.58
52)	C	Acenaphthene	1.087	1.087	1.141	1.126	1.081	1.079	1.076	1.097	2.35
53)		3-Nitroaniline	0.250	0.289	0.338	0.354	0.342	0.340	0.358	0.325	12.25
54)	P	2,4-Dinitrophenol		0.125	0.163	0.186	0.196	0.210	0.211	0.182	18.22
55)		Dibenzofuran	1.801	1.807	1.871	1.833	1.746	1.768	1.723	1.793	2.84
56)	P	4-Nitrophenol	0.190	0.231	0.289	0.305	0.306	0.323	0.317	0.280	17.90
57)		2,4-Dinitrotol...	0.334	0.368	0.439	0.448	0.442	0.463	0.456	0.421	11.82
58)		Fluorene	1.376	1.397	1.454	1.398	1.368	1.366	1.356	1.388	2.40
59)		2,3,4,6-Tetrac...	0.327	0.351	0.380	0.389	0.387	0.390	0.389	0.373	6.57
60)		Diethylphthalate	1.451	1.484	1.528	1.550	1.499	1.499	1.481	1.499	2.16
61)		4-Chlorophenyl...	0.667	0.675	0.699	0.680	0.667	0.670	0.659	0.674	1.95
62)		4-Nitroaniline	0.263	0.300	0.353	0.369	0.364	0.380	0.376	0.344	12.99
63)		Azobenzene	1.269	1.383	1.446	1.431	1.385	1.385	1.344	1.378	4.26
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.095	0.118	0.131	0.134	0.140	0.138	0.126	13.50
66)	c	n-Nitrosodiphe...	0.567	0.585	0.616	0.630	0.591	0.608	0.580	0.597	3.71
67)		4-Bromophenyl-...	0.203	0.212	0.220	0.230	0.220	0.225	0.222	0.219	4.11
68)		Hexachlorobenzene	0.247	0.247	0.260	0.271	0.261	0.269	0.263	0.260	3.67
69)		Atrazine	0.176	0.167	0.134	0.121	0.162			0.152	15.57
70)	C	Pentachlorophenol	0.143	0.155	0.175	0.196	0.197	0.203	0.201	0.181	13.35
71)		Phenanthrene	1.098	1.086	1.117	1.127	1.070	1.082	1.058	1.091	2.27
72)		Anthracene	0.995	1.017	1.084	1.111	1.053	1.071	1.030	1.052	3.85
73)		Carbazole	0.968	0.998	1.060	1.084	1.014	1.037	1.031	1.027	3.78
74)		Di-n-butylphth...	1.147	1.230	1.253	1.398	1.310	1.338	1.284	1.280	6.30
75)	C	Fluoranthene	1.289	1.274	1.316	1.347	1.280	1.304	1.274	1.298	2.07
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.144	0.141	0.109	0.436	0.333	0.302	0.307	0.254	48.39
78)		Pyrene	1.192	1.236	1.345	1.305	1.294	1.305	1.219	1.271	4.38
79)	S	Terphenyl-d14	0.967	0.998	1.055	1.032	1.005	0.964	0.926	0.992	4.42
80)		Butylbenzylpht...	0.434	0.488	0.546	0.596	0.580	0.593	0.574	0.544	11.25
81)		Benzo(a)anthra...	1.195	1.214	1.292	1.293	1.234	1.253	1.221	1.243	3.08
82)		3,3'-Dichlorob...	0.345	0.383	0.431	0.486	0.463	0.485	0.460	0.436	12.30
83)		Chrysene	1.180	1.181	1.229	1.213	1.173	1.193	1.167	1.191	1.88
84)		Bis(2-ethylhex...	0.639	0.735	0.779	0.893	0.853	0.867	0.819	0.798	11.09
85)	c	Di-n-octyl pht...	0.945	1.093	1.222	1.461	1.430	1.486	1.446	1.297	16.46

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP041425.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.252	1.304	1.407	1.444	1.401	1.445	1.466	1.388	5.77
88)		Benzo(b)fluora...	1.130	1.174	1.217	1.258	1.196	1.205	1.212	1.199	3.30
89)		Benzo(k)fluora...	1.088	1.131	1.217	1.212	1.154	1.166	1.138	1.158	3.94
90)	C	Benzo(a)pyrene	0.939	0.971	1.057	1.091	1.053	1.070	1.058	1.034	5.44
91)		Dibenzo(a,h)an...	1.046	1.089	1.172	1.203	1.169	1.186	1.202	1.152	5.28
92)		Benzo(g,h,i)pe...	1.073	1.110	1.198	1.218	1.180	1.209	1.224	1.173	4.99

(#) = Out of Range

Response Factor Report BNA_M

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 28 18:09:16 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BM050024.D 5 =BM050025.D 10 =BM050026.D 20 =BM050027.D 40 =BM050028.D 50 =BM050029.D 60 =BM050030.D 80 =BM0500
31.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.506	0.464	0.478	0.511	0.504	0.491	0.473	0.490	3.75
3)		Pyridine		1.201	1.166	1.229	1.331	1.328	1.292	1.261	1.258	5.03
4)		n-Nitrosodimet...		0.487	0.459	0.475	0.522	0.518	0.504	0.490	0.493	4.62
5)	S	2-Fluorophenol		1.074	1.079	1.107	1.208	1.211	1.173	1.142	1.142	5.04
6)		Aniline		1.657	1.689	1.768	1.942	1.922	1.875	1.835	1.813	6.16
7)	S	Phenol-d6		1.290	1.318	1.398	1.543	1.537	1.494	1.469	1.436	7.13
8)		2-Chlorophenol		1.169	1.161	1.198	1.312	1.301	1.268	1.235	1.235	4.96
9)		Benzaldehyde		0.940	0.920	0.971	1.031	1.013	0.956	0.894	0.961	5.08
10)	C	Phenol		1.349	1.344	1.420	1.539	1.537	1.501	1.483	1.453	5.73
11)		bis(2-Chloroet...		1.213	1.105	1.176	1.279	1.271	1.233	1.218	1.213	4.90
12)		1,3-Dichlorobe...		1.483	1.428	1.453	1.566	1.552	1.508	1.453	1.492	3.51
13)	C	1,4-Dichlorobe...		1.518	1.418	1.463	1.561	1.557	1.516	1.458	1.499	3.60
14)		1,2-Dichlorobe...		1.420	1.393	1.423	1.522	1.506	1.464	1.405	1.448	3.50
15)		Benzyl Alcohol		0.866	0.881	0.966	1.080	1.074	1.050	1.050	0.996	9.16
16)		2,2'-oxybis(1-...		1.487	1.422	1.445	1.552	1.513	1.473	1.433	1.475	3.17
17)		2-Methylphenol		0.857	0.893	0.931	1.033	1.026	0.988	0.975	0.957	6.96
18)		Hexachloroethane		0.552	0.508	0.521	0.556	0.548	0.533	0.510	0.533	3.79
19)	P	n-Nitroso-di-n...	0.802	0.889	0.885	0.921	1.003	0.988	0.949	0.928	0.921	6.95
20)		3+4-Methylphenols		1.137	1.170	1.267	1.393	1.392	1.349	1.341	1.293	8.09
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.483	0.464	0.485	0.531	0.525	0.506	0.487	0.497	4.94
23)	S	Nitrobenzene-d5		0.386	0.374	0.397	0.434	0.433	0.417	0.400	0.406	5.68
24)		Nitrobenzene		0.337	0.325	0.345	0.374	0.372	0.358	0.346	0.351	5.16
25)		Isophorone		0.666	0.648	0.680	0.729	0.729	0.704	0.687	0.692	4.44
26)	C	2-Nitrophenol		0.148	0.157	0.172	0.196	0.198	0.192	0.191	0.179	11.33
27)		2,4-Dimethylph...		0.263	0.266	0.289	0.324	0.322	0.312	0.305	0.297	8.42
28)		bis(2-Chloroet...		0.407	0.399	0.422	0.455	0.452	0.434	0.425	0.428	4.92
29)	C	2,4-Dichloroph...		0.294	0.298	0.326	0.362	0.359	0.351	0.342	0.333	8.47
30)		1,2,4-Trichlor...		0.400	0.384	0.394	0.427	0.426	0.412	0.399	0.406	4.02
31)		Naphthalene		1.001	0.959	0.993	1.066	1.057	1.023	0.989	1.013	3.80
32)		Benzoic acid			0.138	0.172	0.197	0.206	0.212	0.215	0.190	15.67
33)		4-Chloroaniline		0.361	0.393	0.404	0.441	0.448	0.437	0.423	0.415	7.51
34)	C	Hexachlorobuta...		0.253	0.240	0.249	0.270	0.270	0.263	0.258	0.258	4.34
35)		Caprolactam		0.090	0.085	0.095	0.104	0.104	0.102	0.100	0.097	7.73
36)	C	4-Chloro-3-met...		0.289	0.283	0.302	0.325	0.329	0.317	0.309	0.308	5.72
37)		2-Methylnaphth...		0.656	0.639	0.662	0.713	0.714	0.692	0.678	0.679	4.22
38)		1-Methylnaphth...		0.703	0.675	0.708	0.753	0.751	0.731	0.710	0.719	3.92

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM042825.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.624	0.622	0.655	0.742	0.745	0.725	0.733	0.692	8.17
41)	P	Hexachlorocycl...		0.303	0.362	0.455	0.468	0.467	0.483	0.423	17.30
42)	S	2,4,6-Tribromo...	0.253	0.249	0.281	0.318	0.329	0.318	0.323	0.296	11.61
43)	C	2,4,6-Trichlor...	0.372	0.381	0.423	0.476	0.485	0.467	0.469	0.439	10.76
44)		2,4,5-Trichlor...	0.410	0.417	0.453	0.517	0.519	0.501	0.497	0.474	9.83
45)	S	2-Fluorobiphenyl	1.588	1.555	1.632	1.807	1.822	1.744	1.688	1.691	6.21
46)		1,1'-Biphenyl	1.427	1.395	1.452	1.573	1.581	1.507	1.473	1.487	4.77
47)		2-Chloronaphth...	1.126	1.112	1.155	1.250	1.248	1.192	1.158	1.177	4.69
48)		2-Nitroaniline	0.238	0.242	0.269	0.302	0.304	0.294	0.286	0.276	9.96
49)		Acenaphthylene	1.794	1.715	1.810	1.972	1.971	1.889	1.845	1.857	5.10
50)		Dimethylphthalate	1.444	1.377	1.437	1.532	1.543	1.470	1.429	1.462	4.02
51)		2,6-Dinitrotol...	0.266	0.271	0.299	0.327	0.331	0.316	0.309	0.303	8.50
52)	C	Acenaphthene	1.038	0.998	1.046	1.133	1.145	1.094	1.067	1.075	4.93
53)		3-Nitroaniline	0.233	0.247	0.284	0.321	0.325	0.311	0.302	0.289	12.47
54)	P	2,4-Dinitrophenol		0.100	0.132	0.178	0.194	0.188	0.191	0.164	23.65
55)		Dibenzofuran	1.749	1.681	1.749	1.876	1.888	1.810	1.763	1.788	4.17
56)	P	4-Nitrophenol		0.128	0.180	0.224	0.237	0.231	0.231	0.205	20.96
57)		2,4-Dinitrotol...	0.338	0.366	0.412	0.456	0.468	0.447	0.440	0.418	11.72
58)		Fluorene	1.387	1.343	1.431	1.558	1.573	1.500	1.453	1.463	5.84
59)		2,3,4,6-Tetrac...	0.366	0.362	0.398	0.435	0.445	0.432	0.431	0.410	8.44
60)		Diethylphthalate	1.372	1.301	1.380	1.433	1.451	1.376	1.328	1.377	3.86
61)		4-Chlorophenyl...	0.741	0.716	0.770	0.857	0.871	0.836	0.836	0.804	7.58
62)		4-Nitroaniline	0.208	0.234	0.277	0.313	0.321	0.301	0.295	0.279	15.17
63)		Azobenzene	1.118	1.091	1.150	1.216	1.229	1.165	1.110	1.154	4.59
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.088	0.110	0.135	0.142	0.138	0.137	0.125	17.16
66)	c	n-Nitrosodiphe...	0.580	0.572	0.596	0.655	0.657	0.629	0.610	0.614	5.56
67)		4-Bromophenyl-...	0.223	0.216	0.229	0.258	0.258	0.256	0.253	0.242	7.60
68)		Hexachlorobenzene	0.265	0.251	0.264	0.294	0.295	0.291	0.291	0.279	6.49
69)		Atrazine	0.196	0.198	0.214	0.236	0.242	0.234	0.230	0.222	8.47
70)	C	Pentachlorophenol		0.117	0.141	0.167	0.172	0.170	0.174	0.157	14.52
71)		Phenanthrene	1.075	1.035	1.083	1.187	1.212	1.173	1.132	1.128	5.84
72)		Anthracene	1.062	1.038	1.096	1.214	1.236	1.191	1.154	1.142	6.78
73)		Carbazole	0.909	0.900	0.960	1.054	1.075	1.038	0.999	0.991	7.05
74)		Di-n-butylphth...	1.106	1.082	1.151	1.246	1.277	1.231	1.165	1.180	6.25
75)	C	Fluoranthene	1.178	1.142	1.250	1.410	1.455	1.425	1.411	1.324	9.86
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.560	0.646	0.772	0.769	0.765	0.751	0.710	12.36
78)		Pyrene	1.290	1.255	1.332	1.518	1.520	1.465	1.453	1.404	7.83
79)	S	Terphenyl-d14	1.176	1.189	1.332	1.524	1.541	1.458	1.239	1.352	11.58
80)		Butylbenzylpht...	0.489	0.479	0.515	0.562	0.568	0.545	0.524	0.526	6.53
81)		Benzo(a)anthra...	1.280	1.231	1.321	1.478	1.479	1.442	1.408	1.377	7.24
82)		3,3'-Dichlorob...	0.434	0.432	0.483	0.580	0.597	0.583	0.581	0.527	14.14
83)		Chrysene	1.208	1.170	1.214	1.342	1.369	1.325	1.296	1.275	6.03
84)		Bis(2-ethylhex...	0.726	0.725	0.775	0.843	0.852	0.814	0.765	0.786	6.61
85)	c	Di-n-octyl pht...	1.221	1.197	1.267	1.366	1.404	1.341	1.275	1.296	5.92

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM042825.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.301	1.293	1.404	1.602	1.646	1.591	1.595	1.490	10.27
88)		Benzo(b)fluora...	1.128	1.149	1.209	1.406	1.415	1.408	1.390	1.301	10.16
89)		Benzo(k)fluora...	1.219	1.150	1.251	1.387	1.449	1.383	1.372	1.316	8.29
90)	C	Benzo(a)pyrene	1.094	1.066	1.147	1.295	1.330	1.298	1.297	1.218	9.15
91)		Dibenzo(a,h)an...	1.056	1.044	1.142	1.300	1.347	1.305	1.310	1.215	10.72
92)		Benzo(g,h,i)pe...	1.066	1.030	1.105	1.236	1.268	1.224	1.212	1.163	8.07

(#) = Out of Range

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF043025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Apr 30 16:00:01 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF142239.D 5 =BF142240.D 10 =BF142241.D 20 =BF142242.D 40 =BF142243.D 50 =BF142244.D 60 =BF142245.D 80 =BF1422
46.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.563	0.534	0.561	0.592	0.580	0.555	0.530	0.559	4.03
3)		Pyridine		1.465	1.391	1.454	1.522	1.503	1.460	1.380	1.454	3.62
4)		n-Nitrosodimet...		0.747	0.699	0.728	0.807	0.789	0.766	0.731	0.752	4.95
5)	S	2-Fluorophenol		1.324	1.238	1.265	1.314	1.285	1.210	1.131	1.252	5.35
6)		Aniline		2.212	2.085	2.157	2.245	2.203	2.101	1.981	2.140	4.29
7)	S	Phenol-d6		1.559	1.505	1.534	1.593	1.550	1.475	1.370	1.512	4.85
8)		2-Chlorophenol		1.252	1.232	1.304	1.379	1.354	1.313	1.225	1.294	4.64
9)		Benzaldehyde		1.154	1.088	1.095	1.117	1.078	0.993	0.875	1.057	8.91
10)	C	Phenol		1.679	1.588	1.657	1.715	1.687	1.603	1.468	1.628	5.15
11)		bis(2-Chloroet...		1.345	1.250	1.270	1.318	1.285	1.231	1.132	1.262	5.46
12)		1,3-Dichlorobe...		1.571	1.485	1.485	1.533	1.478	1.396	1.299	1.464	6.18
13)	C	1,4-Dichlorobe...		1.610	1.486	1.495	1.546	1.488	1.404	1.295	1.475	6.86
14)		1,2-Dichlorobe...		1.489	1.418	1.431	1.475	1.432	1.356	1.255	1.408	5.67
15)		Benzyl Alcohol		1.047	1.017	1.064	1.149	1.126	1.082	1.023	1.073	4.69
16)		2,2'-oxybis(1-...		2.368	2.287	2.303	2.386	2.344	2.216	2.043	2.278	5.19
17)		2-Methylphenol		1.085	1.029	1.068	1.121	1.084	1.050	0.983	1.060	4.19
18)		Hexachloroethane		0.468	0.466	0.481	0.511	0.514	0.489	0.451	0.483	4.84
19)	P	n-Nitroso-di-n...	0.953	0.987	0.937	0.949	0.967	0.939	0.898	0.844	0.934	4.77
20)		3+4-Methylphenols		1.357	1.323	1.372	1.400	1.366	1.296	1.166	1.326	5.90
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.511	0.482	0.483	0.468	0.461	0.430	0.404	0.463	7.70
23)	S	Nitrobenzene-d5		0.217	0.251	0.302	0.340	0.351	0.339	0.330	0.304	16.88
24)		Nitrobenzene		0.229	0.261	0.297	0.328	0.338	0.323	0.314	0.299	13.31
25)		Isophorone		0.660	0.630	0.642	0.660	0.654	0.626	0.601	0.639	3.36
26)	C	2-Nitrophenol		0.048	0.057	0.083	0.115	0.132	0.136	0.142	0.102	38.38#
27)		2,4-Dimethylph...		0.315	0.319	0.333	0.337	0.333	0.315	0.302	0.322	3.96
28)		bis(2-Chloroet...		0.425	0.404	0.414	0.415	0.410	0.386	0.366	0.403	4.98
29)	C	2,4-Dichloroph...		0.246	0.253	0.274	0.291	0.286	0.272	0.263	0.269	6.12
30)		1,2,4-Trichlor...		0.320	0.303	0.305	0.312	0.304	0.287	0.273	0.301	5.28
31)		Naphthalene		1.106	1.040	1.035	1.020	0.999	0.924	0.858	0.997	8.21
32)		Benzoic acid			0.048	0.087	0.130	0.146	0.159	0.179	0.125	39.24
33)		4-Chloroaniline		0.446	0.414	0.429	0.429	0.423	0.396	0.371	0.415	5.98
34)	C	Hexachlorobuta...		0.180	0.175	0.179	0.185	0.178	0.170	0.161	0.175	4.35
35)		Caprolactam		0.068	0.073	0.081	0.087	0.089	0.085	0.083	0.081	9.45
36)	C	4-Chloro-3-met...		0.262	0.265	0.279	0.295	0.293	0.276	0.266	0.277	4.84
37)		2-Methylnaphth...		0.679	0.637	0.633	0.623	0.612	0.574	0.534	0.613	7.69
38)		1-Methylnaphth...		0.700	0.655	0.667	0.652	0.641	0.590	0.542	0.635	8.29

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF043025.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.621	0.575	0.572	0.576	0.566	0.534	0.496	0.563	6.88
41)	P	Hexachlorocycl...	0.244	0.265	0.306	0.352	0.368	0.358	0.343	0.319	15.23
42)	S	2,4,6-Tribromo...	0.139	0.158	0.184	0.204	0.205	0.197	0.190	0.182	13.73
43)	C	2,4,6-Trichlor...	0.275	0.329	0.353	0.370	0.375	0.381	0.357	0.349	10.50
44)		2,4,5-Trichlor...	0.322	0.330	0.362	0.404	0.411	0.371	0.365	0.367	9.17
45)	S	2-Fluorobiphenyl	1.738	1.580	1.520	1.409	1.347	1.221	1.114	1.418	15.11
46)		1,1'-Biphenyl	1.773	1.621	1.612	1.581	1.547	1.435	1.316	1.555	9.38
47)		2-Chloronaphth...	1.289	1.176	1.191	1.185	1.157	1.085	1.014	1.157	7.51
48)		2-Nitroaniline	0.119	0.156	0.228	0.295	0.316	0.315	0.316	0.249	33.25
49)		Acenaphthylene	2.149	2.025	2.025	1.997	1.965	1.828	1.675	1.952	7.93
50)		Dimethylphthalate	1.362	1.284	1.301	1.321	1.309	1.227	1.152	1.280	5.42
51)		2,6-Dinitrotol...	0.098	0.137	0.193	0.241	0.259	0.254	0.249	0.204	31.45
52)	C	Acenaphthene	1.271	1.175	1.156	1.172	1.138	1.072	0.995	1.140	7.63
53)		3-Nitroaniline	0.143	0.187	0.252	0.298	0.311	0.310	0.299	0.257	26.09
54)	P	2,4-Dinitrophenol		0.025	0.036	0.057	0.069	0.076	0.085	0.058	40.36
55)		Dibenzofuran	1.930	1.775	1.751	1.743	1.713	1.581	1.466	1.709	8.67
56)	P	4-Nitrophenol		0.131	0.177	0.216	0.233	0.230	0.220	0.201	19.82
57)		2,4-Dinitrotol...	0.104	0.145	0.213	0.285	0.311	0.309	0.306	0.239	35.96
58)		Fluorene	1.493	1.403	1.351	1.317	1.273	1.186	1.071	1.299	10.74
59)		2,3,4,6-Tetrac...	0.252	0.267	0.312	0.334	0.334	0.323	0.305	0.304	10.65
60)		Diethylphthalate	1.324	1.264	1.302	1.313	1.300	1.215	1.126	1.263	5.61
61)		4-Chlorophenyl...	0.702	0.642	0.632	0.632	0.614	0.570	0.526	0.617	9.06
62)		4-Nitroaniline	0.144	0.177	0.233	0.272	0.287	0.281	0.269	0.238	23.57
63)		Azobenzene	1.346	1.260	1.275	1.279	1.278	1.198	1.098	1.248	6.33
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.022	0.034	0.055	0.065	0.071	0.075	0.054	39.23
66)	c	n-Nitrosodiphe...	0.727	0.686	0.693	0.712	0.689	0.653	0.623	0.683	5.11
67)		4-Bromophenyl-...	0.224	0.219	0.223	0.236	0.225	0.220	0.211	0.223	3.39
68)		Hexachlorobenzene	0.256	0.245	0.248	0.261	0.255	0.244	0.237	0.249	3.28
69)		Atrazine	0.166	0.172	0.186	0.190	0.190	0.182	0.174	0.180	5.29
70)	C	Pentachlorophenol		0.093	0.121	0.144	0.145	0.144	0.144	0.132	16.25
71)		Phenanthrene	1.218	1.114	1.119	1.112	1.064	0.995	0.940	1.080	8.45
72)		Anthracene	1.209	1.161	1.151	1.128	1.099	1.025	0.959	1.105	7.77
73)		Carbazole	1.125	1.047	1.061	1.033	0.996	0.935	0.857	1.008	8.77
74)		Di-n-butylphth...	0.986	1.006	1.088	1.069	1.045	0.988	0.912	1.013	5.88
75)	C	Fluoranthene	1.221	1.144	1.155	1.085	1.035	0.957	0.878	1.068	11.24
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.702	0.748	0.885	0.963	0.945	0.895	0.810	0.850	11.67
78)		Pyrene	1.833	1.801	1.849	2.026	1.937	1.833	1.635	1.845	6.54
79)	S	Terphenyl-d14	1.472	1.413	1.422	1.481	1.392	1.290	1.155	1.375	8.41
80)		Butylbenzylpht...	0.218	0.293	0.405	0.505	0.525	0.524	0.509	0.425	29.32
81)		Benzo(a)anthra...	1.379	1.320	1.332	1.438	1.388	1.316	1.225	1.343	5.06
82)		3,3'-Dichlorob...	0.286	0.317	0.380	0.442	0.450	0.451	0.435	0.394	17.37
83)		Chrysene	1.302	1.210	1.249	1.232	1.227	1.197	1.138	1.222	4.12
84)		Bis(2-ethylhex...	0.384	0.448	0.549	0.695	0.726	0.722	0.707	0.604	23.69
85)	c	Di-n-octyl pht...		0.668	0.875	1.262	1.320	1.347	1.329	1.133	25.55

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF043025.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.323	1.384	1.466	1.613	1.556	1.490	1.422	1.465	6.78
88)		Benzo(b)fluora...	1.317	1.220	1.208	1.302	1.271	1.177	1.202	1.242	4.36
89)		Benzo(k)fluora...	1.211	1.159	1.222	1.145	1.146	1.110	0.962	1.136	7.59
90)	C	Benzo(a)pyrene	1.121	1.098	1.146	1.203	1.180	1.137	1.076	1.137	3.91
91)		Dibenzo(a,h)an...	1.075	1.131	1.197	1.312	1.271	1.192	1.144	1.189	6.90
92)		Benzo(g,h,i)pe...	1.076	1.138	1.204	1.308	1.267	1.213	1.162	1.195	6.55

(#) = 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: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: BNA_F Calibration Date/Time: 05/01/2025 10:17

Lab File ID: BF142250.D Init. Calib. Date(s): 04/30/2025 04/30/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:24 14:43

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.252	1.250		-0.2	
Phenol-d6	1.512	1.575		4.2	
Nitrobenzene-d5	0.304	0.333		9.5	
Naphthalene	0.997	1.030		3.3	
2-Fluorobiphenyl	1.418	1.409		-0.6	
Acenaphthylene	1.952	1.996		2.3	
Acenaphthene	1.140	1.185		3.9	20.0
Fluorene	1.299	1.322		1.8	
2,4,6-Tribromophenol	0.182	0.196		7.7	
Phenanthrene	1.080	1.116		3.3	
Anthracene	1.105	1.142		3.3	
Fluoranthene	1.068	1.147		7.4	20.0
Pyrene	1.845	1.938		5.0	
Terphenyl-d14	1.375	1.422		3.4	
Benzo(a)anthracene	1.343	1.378		2.6	
Chrysene	1.222	1.297		6.1	
Benzo(k)fluoranthene	1.136	1.240		9.2	
Benzo(a)pyrene	1.137	1.193		4.9	20.0
Indeno(1,2,3-cd)pyrene	1.465	1.533		4.6	
Dibenzo(a,h)anthracene	1.189	1.258		5.8	
Benzo(g,h,i)perylene	1.195	1.250		4.6	

All other compounds must meet a minimum RRF of 0.010.

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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: BNA_M Calibration Date/Time: 05/01/2025 13:25

Lab File ID: BM050062.D Init. Calib. Date(s): 04/28/2025 04/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:30 17:04

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.142	1.339		17.3	
Phenol-d6	1.436	1.600		11.4	
Nitrobenzene-d5	0.406	0.470		15.8	
Naphthalene	1.013	1.086		7.2	
2-Fluorobiphenyl	1.691	1.996		18.0	
Acenaphthylene	1.857	2.021		8.8	
Acenaphthene	1.075	1.173		9.1	20.0
Fluorene	1.463	1.622		10.9	
2,4,6-Tribromophenol	0.296	0.313		5.7	
Phenanthrene	1.128	1.244		10.3	
Anthracene	1.142	1.274		11.6	
Fluoranthene	1.324	1.440		8.8	20.0
Pyrene	1.404	1.537		9.5	
Terphenyl-d14	1.352	1.606		18.8	
Benzo(a)anthracene	1.377	1.520		10.4	
Chrysene	1.275	1.371		7.5	
Benzo(k)fluoranthene	1.316	1.460		10.9	
Benzo(a)pyrene	1.218	1.323		8.6	20.0
Indeno(1,2,3-cd)pyrene	1.490	1.620		8.7	
Dibenzo(a,h)anthracene	1.215	1.320		8.6	
Benzo(g,h,i)perylene	1.163	1.262		8.5	

All other compounds must meet a minimum RRF of 0.010.

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: BNA_M Calibration Date/Time: 05/02/2025 10:33

Lab File ID: BM050079.D Init. Calib. Date(s): 04/28/2025 04/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:30 17:04

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.142	1.128		-1.2	
Phenol-d6	1.436	1.413		-1.6	
Nitrobenzene-d5	0.406	0.398		-2.0	
Naphthalene	1.013	0.950		-6.2	
2-Fluorobiphenyl	1.691	1.629		-3.7	
Acenaphthylene	1.857	1.757		-5.4	
Acenaphthene	1.075	1.008		-6.2	20.0
Fluorene	1.463	1.392		-4.9	
2,4,6-Tribromophenol	0.296	0.278		-6.1	
Phenanthrene	1.128	1.055		-6.5	
Anthracene	1.142	1.078		-5.6	
Fluoranthene	1.324	1.253		-5.4	20.0
Pyrene	1.404	1.339		-4.6	
Terphenyl-d14	1.352	1.346		-0.4	
Benzo(a)anthracene	1.377	1.316		-4.4	
Chrysene	1.275	1.197		-6.1	
Benzo(k)fluoranthene	1.316	1.232		-6.4	
Benzo(a)pyrene	1.218	1.163		-4.5	20.0
Indeno(1,2,3-cd)pyrene	1.490	1.428		-4.2	
Dibenzo(a,h)anthracene	1.215	1.165		-4.1	
Benzo(g,h,i)perylene	1.163	1.103		-5.2	

All other compounds must meet a minimum RRF of 0.010.

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: BNA_M Calibration Date/Time: 05/05/2025 12:18

Lab File ID: BM050096.D Init. Calib. Date(s): 04/28/2025 04/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:30 17:04

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.142	1.095		-4.1	
Phenol-d6	1.436	1.417		-1.3	
Nitrobenzene-d5	0.406	0.383		-5.7	
Naphthalene	1.013	0.951		-6.1	
2-Fluorobiphenyl	1.691	1.567		-7.3	
Acenaphthylene	1.857	1.741		-6.2	
Acenaphthene	1.075	0.996		-7.3	20.0
Fluorene	1.463	1.372		-6.2	
2,4,6-Tribromophenol	0.296	0.291		-1.7	
Phenanthrene	1.128	1.050		-6.9	
Anthracene	1.142	1.073		-6.0	
Fluoranthene	1.324	1.269		-4.2	20.0
Pyrene	1.404	1.384		-1.4	
Terphenyl-d14	1.352	1.328		-1.8	
Benzo(a)anthracene	1.377	1.294		-6.0	
Chrysene	1.275	1.185		-7.1	
Benzo(k)fluoranthene	1.316	1.187		-9.8	
Benzo(a)pyrene	1.218	1.140		-6.4	20.0
Indeno(1,2,3-cd)pyrene	1.490	1.405		-5.7	
Dibenzo(a,h)anthracene	1.215	1.150		-5.3	
Benzo(g,h,i)perylene	1.163	1.099		-5.5	

All other compounds must meet a minimum RRF of 0.010.

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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: BNA_P Calibration Date/Time: 05/02/2025 11:27

Lab File ID: BP024504.D Init. Calib. Date(s): 04/14/2025 04/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:06 17:13

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.210	1.150		-5.0	
Phenol-d6	1.656	1.559		-5.9	
Nitrobenzene-d5	0.351	0.346		-1.4	
Naphthalene	1.054	1.016		-3.6	
2-Fluorobiphenyl	1.306	1.294		-0.9	
Acenaphthylene	1.730	1.713		-1.0	
Acenaphthene	1.097	1.036		-5.6	20.0
Fluorene	1.388	1.362		-1.9	
2,4,6-Tribromophenol	0.277	0.326		17.7	
Phenanthrene	1.091	1.048		-3.9	
Anthracene	1.052	1.045		-0.7	
Fluoranthene	1.298	1.286		-0.9	20.0
Pyrene	1.271	1.176		-7.5	
Terphenyl-d14	0.992	0.994		0.2	
Benzo(a)anthracene	1.243	1.183		-4.8	
Chrysene	1.191	1.143		-4.0	
Benzo(k)fluoranthene	1.158	1.103		-4.8	
Benzo(a)pyrene	1.034	0.996		-3.7	20.0
Indeno(1,2,3-cd)pyrene	1.388	1.361		-1.9	
Dibenzo(a,h)anthracene	1.152	1.120		-2.8	
Benzo(g,h,i)perylene	1.173	1.138		-3.0	

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. Q1914
COC Number 2046284

7
7.1

CLIENT INFORMATION	CLIENT PROJECT INFORMATION	CLIENT BILLING INFORMATION
REPORT TO BE SENT TO:		
COMPANY: CAM Smith	PROJECT NAME: UTEN UST	BILL TO: CAM Smith PO#:
ADDRESS: 110 Fieldcrest Ave #8 6th Fl.	PROJECT NO.: LOCATION: Mt Vernon NY	ADDRESS: 110 Fieldcrest Ave #8 6th Flr
CITY Edison STATE: NJ ZIP: 08837	PROJECT MANAGER: M. Encinas	CITY Edison STATE: NJ ZIP: 08837
ATTENTION: M. Encinas	e-mail: EncinasMa@Camsmith.com	ATTENTION: M. Encinas PHONE: 732 590 4679
PHONE: 732 590 4679 FAX:	PHONE: 732 590 4679 FAX:	

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

1: NYSDEC CP51 Table 3-2 VOC
2: NYSDEC CP51 Table 3-2 SVOC

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	COMP	GRAB	DATE	TIME	# OF BOTTLES	1 (E F)	2 (E)	3	4	5	6	7	8	9	COMMENTS
1.	SS-1	Soil		✓	4/28/25	1130	5	✓	✓								CP51 Table 3-2 Analysis Per email See attached
2.	SS-91	Soil		✓	↓	1135	5	✓	✓								↓
3.	SS-2	Soil		✓		1140	5	✓	✓								
4.	SS-3	Soil		✓		1213	5	✓	✓								
5.	SS-4	Soil		✓		1220	5	✓	✓								
6.	SS-5	Soil		✓		1236	5	✓	✓								
7.	SS-6	Soil		✓		1253	5	✓	✓								
8.	SS-7	Soil		✓		1300	5	✓	✓								
9.	SS-8 (MS/MSD)	Soil		✓		1310	15	✓	✓								
10.	SS-9	Soil		✓	↓	1353											

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

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. [signature]	4/29/25 1345	1. [signature] 1345 4-29-25
2.		2. [signature]
3. [signature]	1650 4-29-25	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.8 °C

Comments: Temp 2.8° C Adjustment factor +1 IR Gun #1

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
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ALLIANCE PROJECT NO.
QUOTE NO. Q1914
COC Number 2046746

7
7.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: CA Smith
ADDRESS: 110 Fieldcrest Ave #8 6th Flr
CITY Edison STATE: NJ ZIP: 08837
ATTENTION: M. Encinas
PHONE: 732 590 4679 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: UTEN UST
PROJECT NO.: LOCATION: Mt Vernon NY
PROJECT MANAGER: M. Encinas
e-mail: Encinas, ma@cdmsmith.com
PHONE: 732 590 4679 FAX:

CLIENT BILLING INFORMATION

BILL TO: CA Smith PO#:
ADDRESS: 110 Fieldcrest Ave #8 6th Flr
CITY Edison STATE: NJ ZIP: 08837
ATTENTION: M. Encinas PHONE: 732 590 4679

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

1: NYSDEC CP-51 Table 3-2 VOC
2: NYSDEC CP-51 Table 3-2 SVOC
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	2	3	4	5	6	7	8	9	COMMENTS
								A E	E								← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER
1.	FB-04282025	Aq		✓	4/28/25	1530	3	✓	✓								CP-51 Table 3-2 Analysis for specified See attached
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

	DATE/TIME	RECEIVED BY
RELINQUISHED BY SAMPLER: 1.	4/29/25 1345	RECEIVED BY: 1. 1345 4-29-25
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.
RELINQUISHED BY SAMPLER: 3.	DATE/TIME: 1650 4-29-25	RECEIVED BY: 3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.8 °C
Comments: Temp 2.8C CAdjustment factor +1) IR Gun #1

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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

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	T104704488

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1914 CAMP02
Client Name : CDM Smith
Client Contact : Marcie Ann Encinas
Invoice Name : CDM Smith
Invoice Contact : Marcie Ann Encinas

Order Date : 4/29/2025 2:19:16 PM
Project Name : Con Ed UTEN Mount Vern
Receive DateTime : 4/29/2025 4:50:00 PM
Purchase Order :

Project Mgr :
Report Type : NYS ASP A
EDD Type : EQUIS
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1914-01	SS-1	Solid	04/28/2025	11:30					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-02	SS-91	Solid	04/28/2025	11:35					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-03	SS-2	Solid	04/28/2025	11:40					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-04	SS-3	Solid	04/28/2025	~~12:15~~ 12:18					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-05	SS-4	Solid	04/28/2025	12:20					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-06	SS-5	Solid	04/28/2025	12:36					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-07	SS-6	Solid	04/28/2025	12:53					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-08	SS-7	Solid	04/28/2025	13:00					

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1914 CAMP02
Client Name : CDM Smith
Client Contact : Marcie Ann Encinas
Invoice Name : CDM Smith
Invoice Contact : Marcie Ann Encinas

Order Date : 4/29/2025 2:19:16 PM
Project Name : Con Ed UTEN Mount Vern
Receive DateTime : 4/29/2025 4:50:00 PM
Purchase Order :

Project Mgr :
Report Type : NYS ASP A
EDD Type : EQUIS
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					VOCMS Group3		8260D		10 Bus. Days
Q1914-09	SS-8	Solid	04/28/2025	13:10					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-10	Q1914-09MS	Solid	04/28/2025	13:10					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-11	Q1914-09MSD	Solid	04/28/2025	13:10					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-12	SS-9	Solid	04/28/2025	13:53					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-14	FB04282025	Water	04/28/2025	~~00:00~~ 14:30					
					VOCMS Group3		8260-Low		10 Bus. Days

Relinquished By : [signature]
Date / Time : 4/30/25 10:35

Received By : [signature]
Date / Time : 04/30/25 10:35
Storage Area : VOA Refridgerator Room

Rgt 6
Rgt 2
Rgt 4