

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	SVOCMS Group3	8270E	04/28/25	04/30/25	05/01/25	04/29/25
Q1914-02	SS-91	SOIL	SVOCMS Group3	8270E	04/28/25	04/30/25	05/01/25	04/29/25
Q1914-03	SS-2	SOIL	SVOCMS Group3	8270E	04/28/25	04/30/25	05/01/25	04/29/25
Q1914-04	SS-3	SOIL	SVOCMS Group3	8270E	04/28/25	04/30/25	05/05/25	04/29/25
Q1914-05	SS-4	SOIL	SVOCMS Group3	8270E	04/28/25	04/30/25	05/01/25	04/29/25
Q1914-06	SS-5	SOIL	SVOCMS Group3	8270E	04/28/25	04/30/25	05/05/25	04/29/25
Q1914-07	SS-6	SOIL	SVOCMS Group3	8270E	04/28/25	04/30/25	05/02/25	04/29/25
Q1914-08	SS-7	SOIL	SVOCMS Group3	8270E	04/28/25	04/30/25	05/02/25	04/29/25
Q1914-09	SS-8	SOIL	SVOCMS Group3	8270E	04/28/25	04/30/25	05/02/25	04/29/25
Q1914-12	SS-9	SOIL	SVOCMS Group3	8270E	04/28/25	04/30/25	05/05/25	04/29/25
Q1914-14	FB04282025	Water	SVOCMS Group3	8270E	04/28/25	04/30/25	05/01/25	04/29/25

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(b)fluoranthene	150.000	J	22.6	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 :			1,057.20		
			Total Concentration:			1,057.20		
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(b)fluoranthene	280.000		21.7	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 :			2,470.00		
			Total Concentration:			2,470.00		
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(b)fluoranthene	450.000		22	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

Hit Summary Sheet SW-846

SDG No.: Q1914
Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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 :				3,430.00				
Total Concentration:				3,430.00				
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(b)fluoranthene	150.000	J	21.2	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 :				1,958.80				
Total Concentration:				1,958.80				
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(b)fluoranthene	690.000		22.6	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 :				10,004.10				
Total Concentration:				10,004.10				
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

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	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(b)fluoranthene	570.000		22.3	200	ug/Kg
Q1914-08	SS-7	SOIL	Benzo(k)fluoranthene	200.000		26.3	200	ug/Kg
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 :				6,370.00				
Total Concentration:				6,370.00				
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(b)fluoranthene	980.000		20.5	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 :				12,530.00				
Total Concentration:				12,530.00				
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(b)fluoranthene	99.300	J	21.8	190	ug/Kg
Q1914-12	SS-9	SOIL	Benzo(a)pyrene	79.100	J	33.8	190	ug/Kg
Total Svoc :				650.40				
Total Concentration:				650.40				



SAMPLE DATA

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:	8270E	% Solid:	88.7
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3541	Final Vol:	1000
		Test:	SVOCMS Group3
		Level :	LOW
		GPC Cleanup :	N
		PH :	

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)
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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
205-99-2	Benzo(b)fluoranthene	190	U	21.4	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			

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:	8270E	% Solid:	88.7
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	SVOCMS Group3
	Decanted :	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
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	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:	8270E	% 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
205-99-2	Benzo(b)fluoranthene	200	U	22.0	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		

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:	8270E	% 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
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	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:	8270E	% 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
205-99-2	Benzo(b)fluoranthene	150	J	22.6	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			

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:	8270E	% 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
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	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:	8270E	% 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)
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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
205-99-2	Benzo(b)fluoranthene	280		21.7	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	

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:	8270E	% 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
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B = Analyte Found in Associated Method Blank

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A = Aldol-Condensation Reaction Products

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:	8270E	% 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
205-99-2	Benzo(b)fluoranthene	450		22.0	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		

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:	8270E	% 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
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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:	8270E	% 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)
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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
205-99-2	Benzo(b)fluoranthene	150	J	21.2	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	

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:	8270E	% 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
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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:	8270E	% 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
205-99-2	Benzo(b)fluoranthene	690		22.6	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		

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:	8270E	% Solid:	83.8
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	SVOCMS Group3
	Decanted :	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
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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:	8270E	% 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
205-99-2	Benzo(b)fluoranthene	570		22.3	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			

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:	8270E	% 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
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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:	8270E	% Solid:	92.4
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3541	Final Vol:	1000
		Test:	SVOCMS Group3
		Level :	LOW
		GPC Cleanup :	N
		PH :	

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
205-99-2	Benzo(b)fluoranthene	980		20.5	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		

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:	8270E	% 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
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	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:	8270E	% 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)
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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
205-99-2	Benzo(b)fluoranthene	99.3	J	21.8	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

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:	8270E	% 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
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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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

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:	8270E	% 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
205-99-2	Benzo(b)fluoranthene	5.20	U	0.51	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		

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:	8270E	% 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
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Q = indicates LCS control criteria did not meet requirements

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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

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() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



QC SUMMARY

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	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

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	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

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	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(b)fluoranthene	1800	980	2200	ug/Kg	68				67	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	

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	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(b)fluoranthene	1800	980	2200	ug/Kg	68		0		67	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

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	Limits		
								Qual	Low	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(b)fluoranthene	50	44.1	ug/L	88				77	113	
	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	

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	RPD		Limits		RPD
							Qual	Qual	Low	High	
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(b)fluoranthene	50	39.3	ug/L	79	12			77	113	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

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	Limits		RPD
								Qual	Low	High	
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(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	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	

4B

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: _____

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: _____

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

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: 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

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: 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

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: 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

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: 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

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: 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

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: 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

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

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.

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.

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.

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

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

* Values outside of QC limits.

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.

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

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

* Values outside of QC limits.

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.

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.

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.

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

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:	8270E	% 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
205-99-2	Benzo(b)fluoranthene	5.00	U	0.49	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		

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:	8270E	% 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
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U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 () = Laboratory InHouse Limit
 A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	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:	8270E	% 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
205-99-2	Benzo(b)fluoranthene	170	U	19.0	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			

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:	8270E	% 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
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	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:	8270E	% 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
205-99-2	Benzo(b)fluoranthene	44.1		0.49	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		

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:	8270E	% 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
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U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 () = Laboratory InHouse Limit
 A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	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:	8270E	% 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)
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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
205-99-2	Benzo(b)fluoranthene	1500		19.0	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

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:	8270E	% 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
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	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:	8270E	% 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
205-99-2	Benzo(b)fluoranthene	39.3		0.49	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		

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:	8270E	% 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
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U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 () = Laboratory InHouse Limit
 A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	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:	8270E	% 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
205-99-2	Benzo(b)fluoranthene	2200		20.5	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		

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:	8270E	% 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
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U = Not Detected

LOQ = Limit of Quantitation

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LOD = Limit of Detection

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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

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:	8270E	% 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)
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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
205-99-2	Benzo(b)fluoranthene	2200		20.5	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

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:	8270E	% 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
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



CALIBRATION SUMMARY

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CAMP02
Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914
Instrument ID: BNA_F Calibration Date(s): 04/30/2025 04/30/2025
Calibration Time(s): 11:24 14:43

LAB FILE ID:		RRF2.5 = BF142239.D			RRF005 = BF142240.D		RRF010 = BF142241.D	
		RRF020 = BF142242.D			RRF040 = BF142243.D		RRF050 = BF142244.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.324	1.238	1.265	1.314	1.285	1.252	5.3
Phenol-d6		1.559	1.505	1.534	1.593	1.550	1.512	4.9
Nitrobenzene-d5		0.217	0.251	0.302	0.340	0.351	0.304	16.9
Naphthalene		1.106	1.040	1.035	1.020	0.999	0.997	8.2
2-Fluorobiphenyl		1.738	1.580	1.520	1.409	1.347	1.418	15.1
Acenaphthylene		2.149	2.025	2.025	1.997	1.965	1.952	7.9
Acenaphthene		1.271	1.175	1.156	1.172	1.138	1.140	7.6
Fluorene		1.493	1.403	1.351	1.317	1.273	1.299	10.7
2,4,6-Tribromophenol		0.139	0.158	0.184	0.204	0.205	0.182	13.7
Phenanthrene		1.218	1.114	1.119	1.112	1.064	1.080	8.5
Anthracene		1.209	1.161	1.151	1.128	1.099	1.105	7.8
Fluoranthene		1.221	1.144	1.155	1.085	1.035	1.068	11.2
Pyrene		1.833	1.801	1.849	2.026	1.937	1.845	6.5
Terphenyl-d14		1.472	1.413	1.422	1.481	1.392	1.375	8.4
Benzo (a) anthracene		1.379	1.320	1.332	1.438	1.388	1.343	5.1
Chrysene		1.302	1.210	1.249	1.232	1.227	1.222	4.1
Benzo (b) fluoranthene		1.317	1.220	1.208	1.302	1.271	1.242	4.4
Benzo (k) fluoranthene		1.211	1.159	1.222	1.145	1.146	1.136	7.6
Benzo (a) pyrene		1.121	1.098	1.146	1.203	1.180	1.137	3.9
Indeno (1,2,3-cd) pyrene		1.323	1.384	1.466	1.613	1.556	1.465	6.8
Dibenzo (a,h) anthracene		1.075	1.131	1.197	1.312	1.271	1.189	6.9
Benzo (g,h,i) perylene		1.076	1.138	1.204	1.308	1.267	1.195	6.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CAMP02
Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914
Instrument ID: BNA_M Calibration Date(s): 04/28/2025 04/28/2025
Calibration Time(s): 12:30 17:04

LAB FILE ID:		RRF2.5 = BM050024.D			RRF005 = BM050025.D		RRF010 = BM050026.D	
		RRF020 = BM050027.D			RRF040 = BM050028.D		RRF050 = BM050029.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.074	1.079	1.107	1.208	1.211	1.142	5.0
Phenol-d6		1.290	1.318	1.398	1.543	1.537	1.436	7.1
Nitrobenzene-d5		0.386	0.374	0.397	0.434	0.433	0.406	5.7
Naphthalene		1.001	0.959	0.993	1.066	1.057	1.013	3.8
2-Fluorobiphenyl		1.588	1.555	1.632	1.807	1.822	1.691	6.2
Acenaphthylene		1.794	1.715	1.810	1.972	1.971	1.857	5.1
Acenaphthene		1.038	0.998	1.046	1.133	1.145	1.075	4.9
Fluorene		1.387	1.343	1.431	1.558	1.573	1.463	5.8
2,4,6-Tribromophenol		0.253	0.249	0.281	0.318	0.329	0.296	11.6
Phenanthrene		1.075	1.035	1.083	1.187	1.212	1.128	5.8
Anthracene		1.062	1.038	1.096	1.214	1.236	1.142	6.8
Fluoranthene		1.178	1.142	1.250	1.410	1.455	1.324	9.9
Pyrene		1.290	1.255	1.332	1.518	1.520	1.404	7.8
Terphenyl-d14		1.176	1.189	1.332	1.524	1.541	1.352	11.6
Benzo (a) anthracene		1.280	1.231	1.321	1.478	1.479	1.377	7.2
Chrysene		1.208	1.170	1.214	1.342	1.369	1.275	6.0
Benzo (b) fluoranthene		1.128	1.149	1.209	1.406	1.415	1.301	10.2
Benzo (k) fluoranthene		1.219	1.150	1.251	1.387	1.449	1.316	8.3
Benzo (a) pyrene		1.094	1.066	1.147	1.295	1.330	1.218	9.2
Indeno (1,2,3-cd) pyrene		1.301	1.293	1.404	1.602	1.646	1.490	10.3
Dibenzo (a,h) anthracene		1.056	1.044	1.142	1.300	1.347	1.215	10.7
Benzo (g,h,i) perylene		1.066	1.030	1.105	1.236	1.268	1.163	8.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CAMP02
Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914
Instrument ID: BNA_P Calibration Date(s): 04/14/2025 04/14/2025
Calibration Time(s): 11:06 17:13

LAB FILE ID:		RRF2.5 = BP024275.D			RRF005 = BP024276.D		RRF010 = BP024277.D	
		RRF020 = BP024278.D			RRF040 = BP024279.D		RRF050 = BP024280.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.123	1.145	1.262	1.254	1.210	1.210	4.9
Phenol-d6		1.463	1.552	1.718	1.748	1.697	1.656	6.7
Nitrobenzene-d5		0.322	0.337	0.367	0.368	0.357	0.351	4.8
Naphthalene		1.044	1.054	1.091	1.079	1.037	1.054	2.3
2-Fluorobiphenyl		1.332	1.334	1.359	1.366	1.263	1.306	4.1
Acenaphthylene		1.604	1.680	1.793	1.814	1.726	1.730	4.1
Acenaphthene		1.087	1.087	1.141	1.126	1.081	1.097	2.4
Fluorene		1.376	1.397	1.454	1.398	1.368	1.388	2.4
2,4,6-Tribromophenol		0.235	0.256	0.278	0.289	0.289	0.277	8.3
Phenanthrene		1.098	1.086	1.117	1.127	1.070	1.091	2.3
Anthracene		0.995	1.017	1.084	1.111	1.053	1.052	3.9
Fluoranthene		1.289	1.274	1.316	1.347	1.280	1.298	2.1
Pyrene		1.192	1.236	1.345	1.305	1.294	1.271	4.4
Terphenyl-d14		0.967	0.998	1.055	1.032	1.005	0.992	4.4
Benzo (a) anthracene		1.195	1.214	1.292	1.293	1.234	1.243	3.1
Chrysene		1.180	1.181	1.229	1.213	1.173	1.191	1.9
Benzo (b) fluoranthene		1.130	1.174	1.217	1.258	1.196	1.199	3.3
Benzo (k) fluoranthene		1.088	1.131	1.217	1.212	1.154	1.158	3.9
Benzo (a) pyrene		0.939	0.971	1.057	1.091	1.053	1.034	5.4
Indeno (1,2,3-cd) pyrene		1.252	1.304	1.407	1.444	1.401	1.388	5.8
Dibenzo (a,h) anthracene		1.046	1.089	1.172	1.203	1.169	1.152	5.3
Benzo (g,h,i) perylene		1.073	1.110	1.198	1.218	1.180	1.173	5.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

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 (b) fluoranthene	1.242	1.242		0.0	
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.

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 (b) fluoranthene	1.301	1.413		8.6	
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.

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 (b) fluoranthene	1.301	1.260		-3.2	
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.

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 (b) fluoranthene	1.301	1.186		-8.8	
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.

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 (b) fluoranthene	1.199	1.134		-5.4	
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.