

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN072324 SAS No.: BN072324 SDG No.: BN072324

Instrument ID: BNA_N Calibration Date/Time: 7/23/2024 1:10:29

Lab File ID: BN032903.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4275 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane-d8	0.480	0.428	0.010	-10.9238	40.0
1,4-Dioxane	0.547	0.485	0.010	-11.325	40.0
Naphthalene	1.074	1.030	0.600	-4.1469	30.0
1-Methylnaphthalene	0.693	0.726	0.300	4.7599	30.0
2-Methylnaphthalene	0.670	0.696	0.300	3.8725	30.0
Acenaphthylene	1.616	1.713	0.900	6.0202	30.0
Acenaphthene	1.336	1.261	0.500	-5.6606	30.0
Fluorene	1.528	1.329	0.700	-12.9878	30.0
Pentachlorophenol	0.070	0.071	0.010	1.78	50.0
Phenanthrene	1.089	1.026	0.300	-5.8426	30.0
Anthracene	0.890	0.913	0.400	2.5301	30.0
Fluoranthene	1.626	1.550	0.400	-4.7224	30.0
Pyrene	1.683	1.607	0.500	-4.5293	30.0
Benzo (a) anthracene	1.273	1.312	0.400	3.0333	30.0
Chrysene	1.842	1.563	0.400	-15.1401	30.0
Benzo (b) fluoranthene	1.411	1.135	0.200	-19.5958	30.0
Benzo (k) fluoranthene	1.720	1.288	0.200	-25.1229	30.0
Benzo (a) pyrene	1.221	1.082	0.200	-11.4487	30.0
Indeno (1,2,3-cd) pyrene	1.654	1.582	0.200	-4.343	30.0
Dibenzo (a,h) anthracene	1.282	1.235	0.200	-3.6835	30.0
Benzo (g,h,i) perylene	1.382	1.254	0.200	-9.3087	30.0
Fluoranthene-d10	1.304	1.298	0.400	-0.417	30.0
2-Methylnaphthalene-d10	0.605	0.632	0.300	4.4614	30.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN072324 SAS No.: BN072324 SDG No.: BN072324

Instrument ID: BNA_N Calibration Date/Time: 7/23/2024 1: 21:19

Lab File ID: BN032921.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4276 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane-d8	0.480	0.468	0.010	-2.661	40.0
1,4-Dioxane	0.547	0.518	0.010	-5.2555	40.0
Naphthalene	1.074	1.006	0.600	-6.3675	30.0
1-Methylnaphthalene	0.693	0.670	0.300	-3.3847	30.0
2-Methylnaphthalene	0.670	0.626	0.300	-6.6124	30.0
Acenaphthylene	1.616	1.658	0.900	2.6276	30.0
Acenaphthene	1.336	1.216	0.500	-8.9753	30.0
Fluorene	1.528	1.233	0.700	-19.2593	30.0
Pentachlorophenol	0.070	0.065	0.010	-7.9648	50.0
Phenanthrene	1.089	0.963	0.300	-11.5903	30.0
Anthracene	0.890	0.859	0.400	-3.4922	30.0
Fluoranthene	1.626	1.403	0.400	-13.7184	30.0
Pyrene	1.683	1.430	0.500	-15.0499	30.0
Benzo (a) anthracene	1.273	1.224	0.400	-3.9019	30.0
Chrysene	1.842	1.439	0.400	-21.8765	30.0
Benzo (b) fluoranthene	1.411	1.115	0.200	-21.0056	30.0
Benzo (k) fluoranthene	1.720	1.266	0.200	-26.4149	30.0
Benzo (a) pyrene	1.221	1.144	0.200	-6.3558	30.0
Indeno (1,2,3-cd) pyrene	1.654	1.456	0.200	-11.9593	30.0
Dibenzo (a,h) anthracene	1.282	1.163	0.200	-9.2596	30.0
Benzo (g,h,i) perylene	1.382	1.194	0.200	-13.5866	30.0
Fluoranthene-d10	1.304	1.174	0.400	-9.9417	30.0
2-Methylnaphthalene-d10	0.605	0.579	0.300	-4.2104	30.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN072324 SAS No.: BN072324 SDG No.: BN072324

Instrument ID: BNA_N Calibration Date/Time: 7/24/2024 1:08:10

Lab File ID: BN032937.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4277 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.547	0.473	0.010	-13.4514	40.0
1,4-Dioxane-d8	0.480	0.481	0.010	0.0478	40.0
Naphthalene	1.074	0.971	0.600	-9.5604	30.0
1-Methylnaphthalene	0.693	0.676	0.300	-2.564	30.0
2-Methylnaphthalene	0.670	0.630	0.300	-5.9688	30.0
Acenaphthylene	1.616	1.691	0.900	4.6688	30.0
Acenaphthene	1.336	1.182	0.500	-11.59	30.0
Fluorene	1.528	1.240	0.700	-18.8021	30.0
Pentachlorophenol	0.070	0.067	0.010	-4.6188	50.0
Phenanthrene	1.089	0.940	0.300	-13.6699	30.0
Anthracene	0.890	0.890	0.400	-0.0455	30.0
Fluoranthene	1.626	1.429	0.400	-12.1543	30.0
Pyrene	1.683	1.428	0.500	-15.182	30.0
Benzo (a) anthracene	1.273	1.260	0.400	-1.0733	30.0
Chrysene	1.842	1.407	0.400	-23.5943	30.0
Benzo (b) fluoranthene	1.411	1.091	0.200	-22.7188	30.0
Benzo (k) fluoranthene	1.720	1.121	0.200	-34.8388	30.0
Benzo (a) pyrene	1.221	1.092	0.200	-10.5732	30.0
Indeno (1,2,3-cd) pyrene	1.654	1.379	0.200	-16.6029	30.0
Dibenzo (a,h) anthracene	1.282	1.121	0.200	-12.5659	30.0
Benzo (g,h,i) perylene	1.382	1.124	0.200	-18.6448	30.0
Fluoranthene-d10	1.304	1.199	0.400	-7.9939	30.0
2-Methylnaphthalene-d10	0.605	0.589	0.300	-2.5641	30.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SBLK058	SDG No.:	BN072324
Lab Sample ID:	PB162058BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032904.D	1	7/15/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	6.7	ug/Kg
91-20-3	Naphthalene	0.37	U	0.37	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.85	U	0.85	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.34	U	0.34	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.47	U	0.47	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.39	U	0.39	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.68	U	0.68	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	1.4	U	1.4	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.51	U	0.51	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.52	U	0.52	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.68	U	0.68	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.42	U	0.42	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.42	U	0.42	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.21	U	0.21	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.39	U	0.39	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.36	U	0.36	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.86	U	0.86	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.89	U	0.89	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.98	U	0.98	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.204		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.241		30-130		60	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.243		20-140		61	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7111		7.519			
1146-65-2	Naphthalene-d8	25840		10.287			
15067-26-2	Acenaphthene-d10	16214		14.173			



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Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SBLK058	SDG No.:	BN072324
Lab Sample ID:	PB162058BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032904.D	1	7/15/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	29159	16.934				
1719-03-5	Chrysene-d12	20238	21.163				
1520-96-3	Perylene-d12	20995	23.344				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4BD4	SDG No.:	BN072324
Lab Sample ID:	P3215-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032905.D	1	7/15/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.6	ug/Kg
91-20-3	Naphthalene	0.42	U	0.42	0.94	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	0.96	U	0.96	0.94	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	0.39	U	0.39	0.94	3.7	ug/Kg
208-96-8	Acenaphthylene	0.53	U	0.53	0.94	3.7	ug/Kg
83-32-9	Acenaphthene	0.44	U	0.44	0.94	3.7	ug/Kg
86-73-7	Fluorene	0.77	U	0.77	0.94	3.7	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.6	ug/Kg
85-01-8	Phenanthrene	0.94	J	0.58	0.94	3.7	ug/Kg
120-12-7	Anthracene	0.59	U	0.59	0.94	3.7	ug/Kg
206-44-0	Fluoranthene	2.3	J	0.77	0.94	3.7	ug/Kg
129-00-0	Pyrene	1.8	J	0.59	0.94	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	0.94	J	0.48	0.94	3.7	ug/Kg
218-01-9	Chrysene	0.79	J	0.48	0.94	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	1.6	J	0.24	0.94	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.44	U	0.44	0.94	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	0.41	U	0.41	0.94	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.98	U	0.98	0.94	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1	U	1	0.94	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	0.94	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.064		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.334		30-130		83	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.281		20-140		70	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4393		7.519			
1146-65-2	Naphthalene-d8	15057		10.288			
15067-26-2	Acenaphthene-d10	9077		14.17			



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Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4BD4	SDG No.:	BN072324
Lab Sample ID:	P3215-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032905.D	1	7/15/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15448	16.936				
1719-03-5	Chrysene-d12	10282	21.165				
1520-96-3	Perylene-d12	10004	23.345				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4BD3	SDG No.:	BN072324
Lab Sample ID:	P3215-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032906.D	1	7/15/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.5	ug/Kg
91-20-3	Naphthalene	2.6	J	0.42	0.93	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	1.8	J	0.96	0.93	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	1.9	J	0.38	0.93	3.7	ug/Kg
208-96-8	Acenaphthylene	8.2		0.53	0.93	3.7	ug/Kg
83-32-9	Acenaphthene	6.5		0.44	0.93	3.7	ug/Kg
86-73-7	Fluorene	7		0.77	0.93	3.7	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.5	ug/Kg
85-01-8	Phenanthrene	140	E	0.57	0.93	3.7	ug/Kg
120-12-7	Anthracene	34		0.59	0.93	3.7	ug/Kg
206-44-0	Fluoranthene	260	E	0.77	0.93	3.7	ug/Kg
129-00-0	Pyrene	140	E	0.59	0.93	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	140	E	0.47	0.93	3.7	ug/Kg
218-01-9	Chrysene	100	E	0.47	0.93	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	E	0.24	0.93	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	55		0.44	0.93	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	54		0.41	0.93	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44		0.97	0.93	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	23		1	0.93	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	7.4		1.1	0.93	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.872		15-120		36	SPK: -8
93951-69-0	Fluoranthene-d10	0.225		30-130		56	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.234		20-140		58	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6091		7.519			
1146-65-2	Naphthalene-d8	19639		10.288			
15067-26-2	Acenaphthene-d10	12082		14.17			



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Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4BD3	SDG No.:	BN072324
Lab Sample ID:	P3215-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032906.D	1	7/15/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20181	16.931				
1719-03-5	Chrysene-d12	14209	21.153				
1520-96-3	Perylene-d12	15826	23.345				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ5	SDG No.:	BN072324
Lab Sample ID:	P3215-20	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	35.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032907.D	1	7/15/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.7	U	1.7	0	10	ug/Kg
91-20-3	Naphthalene	7.9		0.57	1.3	5.1	ug/Kg
90-12-0	1-Methylnaphthalene	2.7	J	1.3	1.3	5.1	ug/Kg
91-57-6	2-Methylnaphthalene	4.1	J	0.52	1.3	5.1	ug/Kg
208-96-8	Acenaphthylene	15		0.73	1.3	5.1	ug/Kg
83-32-9	Acenaphthene	9.9		0.6	1.3	5.1	ug/Kg
86-73-7	Fluorene	14		1	1.3	5.1	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	2.6	10	ug/Kg
85-01-8	Phenanthrene	260	E	0.79	1.3	5.1	ug/Kg
120-12-7	Anthracene	55		0.8	1.3	5.1	ug/Kg
206-44-0	Fluoranthene	420	E	1	1.3	5.1	ug/Kg
129-00-0	Pyrene	270	E	0.8	1.3	5.1	ug/Kg
56-55-3	Benzo(a)anthracene	210	E	0.65	1.3	5.1	ug/Kg
218-01-9	Chrysene	160	E	0.65	1.3	5.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	250	E	0.32	1.3	5.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	67		0.6	1.3	5.1	ug/Kg
50-32-8	Benzo(a)pyrene	110	E	0.56	1.3	5.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	79		1.3	1.3	5.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33		1.4	1.3	5.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	13		1.5	1.3	5.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.35		15-120		29	SPK: -8
93951-69-0	Fluoranthene-d10	0.189		30-130		47	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.176		20-140		44	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5938		7.519			
1146-65-2	Naphthalene-d8	20394		10.288			
15067-26-2	Acenaphthene-d10	12360		14.17			



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Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ5	SDG No.:	BN072324
Lab Sample ID:	P3215-20	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	35.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032907.D	1	7/15/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22879	16.932				
1719-03-5	Chrysene-d12	15718	21.15				
1520-96-3	Perylene-d12	17149	23.342				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ7	SDG No.:	BN072324
Lab Sample ID:	P3215-22	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	27
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032908.D	1	7/15/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.5	U	1.5	0	9.2	ug/Kg
91-20-3	Naphthalene	7.7		0.51	1.1	4.5	ug/Kg
90-12-0	1-Methylnaphthalene	3.6	J	1.2	1.1	4.5	ug/Kg
91-57-6	2-Methylnaphthalene	5.5		0.47	1.1	4.5	ug/Kg
208-96-8	Acenaphthylene	9.9		0.64	1.1	4.5	ug/Kg
83-32-9	Acenaphthene	9.2		0.53	1.1	4.5	ug/Kg
86-73-7	Fluorene	11		0.93	1.1	4.5	ug/Kg
87-86-5	Pentachlorophenol	1.9	U	1.9	2.3	9.2	ug/Kg
85-01-8	Phenanthrene	84	E	0.7	1.1	4.5	ug/Kg
120-12-7	Anthracene	22		0.71	1.1	4.5	ug/Kg
206-44-0	Fluoranthene	170	E	0.93	1.1	4.5	ug/Kg
129-00-0	Pyrene	150	E	0.71	1.1	4.5	ug/Kg
56-55-3	Benzo(a)anthracene	95	E	0.58	1.1	4.5	ug/Kg
218-01-9	Chrysene	72		0.58	1.1	4.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	E	0.29	1.1	4.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	30		0.53	1.1	4.5	ug/Kg
50-32-8	Benzo(a)pyrene	89	E	0.49	1.1	4.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45		1.2	1.1	4.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	14		1.2	1.1	4.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57		1.3	1.1	4.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.358		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.247		30-130		62	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.255		20-140		64	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4391		7.519			
1146-65-2	Naphthalene-d8	15579		10.288			
15067-26-2	Acenaphthene-d10	9585		14.17			



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Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	A4CJ7	SDG No.:	BN072324
Lab Sample ID:	P3215-22	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	27
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032908.D	1	7/15/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21400	16.931				
1719-03-5	Chrysene-d12	11286	21.153				
1520-96-3	Perylene-d12	12324	23.342				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BS8DL	SDG No.:	BN072324
Lab Sample ID:	P3178-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	55.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032909.D	5	7/12/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	0	75	ug/Kg
91-20-3	Naphthalene	16	JD	4.1	9.2	37	ug/Kg
90-12-0	1-Methylnaphthalene	9.5	U	9.5	9.2	37	ug/Kg
91-57-6	2-Methylnaphthalene	10	JD	3.8	9.2	37	ug/Kg
208-96-8	Acenaphthylene	14	JD	5.3	9.2	37	ug/Kg
83-32-9	Acenaphthene	27	JD	4.4	9.2	37	ug/Kg
86-73-7	Fluorene	23	JD	7.6	9.2	37	ug/Kg
87-86-5	Pentachlorophenol	16	U	16	18.7	75	ug/Kg
85-01-8	Phenanthrene	370	D	5.7	9.2	37	ug/Kg
120-12-7	Anthracene	66	D	5.8	9.2	37	ug/Kg
206-44-0	Fluoranthene	450	D	7.6	9.2	37	ug/Kg
129-00-0	Pyrene	290	D	5.8	9.2	37	ug/Kg
56-55-3	Benzo(a)anthracene	270	D	4.7	9.2	37	ug/Kg
218-01-9	Chrysene	170	D	4.7	9.2	37	ug/Kg
205-99-2	Benzo(b)fluoranthene	250	D	2.3	9.2	37	ug/Kg
207-08-9	Benzo(k)fluoranthene	85	D	4.4	9.2	37	ug/Kg
50-32-8	Benzo(a)pyrene	88	D	4	9.2	37	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	69	D	9.6	9.2	37	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	JD	9.9	9.2	37	ug/Kg
191-24-2	Benzo(g,h,i)perylene	11	JD	11	9.2	37	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.965		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.205		30-130		51	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.2		20-140		50	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4908		7.523			
1146-65-2	Naphthalene-d8	17867		10.294			
15067-26-2	Acenaphthene-d10	10315		14.174			



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Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BS8DL	SDG No.:	BN072324
Lab Sample ID:	P3178-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	55.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032909.D	5	7/12/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16670	16.936				
1719-03-5	Chrysene-d12	12538	21.156				
1520-96-3	Perylene-d12	15520	23.348				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	12	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BT3DL	SDG No.:	BN072324
Lab Sample ID:	P3178-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032910.D	5	7/12/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7	U	7	0	43	ug/Kg
91-20-3	Naphthalene	16	JD	2.4	5.3	21	ug/Kg
90-12-0	1-Methylnaphthalene	5.4	U	5.4	5.3	21	ug/Kg
91-57-6	2-Methylnaphthalene	8.5	JD	2.2	5.3	21	ug/Kg
208-96-8	Acenaphthylene	3	U	3	5.3	21	ug/Kg
83-32-9	Acenaphthene	26	D	2.5	5.3	21	ug/Kg
86-73-7	Fluorene	22	D	4.3	5.3	21	ug/Kg
87-86-5	Pentachlorophenol	8.9	U	8.9	10.7	43	ug/Kg
85-01-8	Phenanthrene	180	D	3.3	5.3	21	ug/Kg
120-12-7	Anthracene	39	D	3.3	5.3	21	ug/Kg
206-44-0	Fluoranthene	140	D	4.3	5.3	21	ug/Kg
129-00-0	Pyrene	110	D	3.3	5.3	21	ug/Kg
56-55-3	Benzo(a)anthracene	66	D	2.7	5.3	21	ug/Kg
218-01-9	Chrysene	45	D	2.7	5.3	21	ug/Kg
205-99-2	Benzo(b)fluoranthene	66	D	1.3	5.3	21	ug/Kg
207-08-9	Benzo(k)fluoranthene	19	JD	2.5	5.3	21	ug/Kg
50-32-8	Benzo(a)pyrene	53	D	2.3	5.3	21	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	27	D	5.5	5.3	21	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	8.9	JD	5.7	5.3	21	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	D	6.3	5.3	21	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.41		15-120		30	SPK: -8
93951-69-0	Fluoranthene-d10	0.18		30-130		45	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.18		20-140		45	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5154		7.523			
1146-65-2	Naphthalene-d8	17090		10.298			
15067-26-2	Acenaphthene-d10	10230		14.178			



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Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BT3DL	SDG No.:	BN072324
Lab Sample ID:	P3178-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
Injection Volume :		Level :	LOW
		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032910.D	5	7/12/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16064	16.939				
1719-03-5	Chrysene-d12	12239	21.163				
1520-96-3	Perylene-d12	13960	23.352				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	7	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BT6DL	SDG No.:	BN072324
Lab Sample ID:	P3178-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	48.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032911.D	5	7/12/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	0	65	ug/Kg
91-20-3	Naphthalene	8.4	JD	3.6	8	32	ug/Kg
90-12-0	1-Methylnaphthalene	8.3	U	8.3	8	32	ug/Kg
91-57-6	2-Methylnaphthalene	3.3	U	3.3	8	32	ug/Kg
208-96-8	Acenaphthylene	11	JD	4.6	8	32	ug/Kg
83-32-9	Acenaphthene	3.8	U	3.8	8	32	ug/Kg
86-73-7	Fluorene	6.6	U	6.6	8	32	ug/Kg
87-86-5	Pentachlorophenol	14	U	14	16.3	65	ug/Kg
85-01-8	Phenanthrene	94	D	5	8	32	ug/Kg
120-12-7	Anthracene	23	JD	5.1	8	32	ug/Kg
206-44-0	Fluoranthene	160	D	6.6	8	32	ug/Kg
129-00-0	Pyrene	97	D	5.1	8	32	ug/Kg
56-55-3	Benzo(a)anthracene	95	D	4.1	8	32	ug/Kg
218-01-9	Chrysene	68	D	4.1	8	32	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	D	2	8	32	ug/Kg
207-08-9	Benzo(k)fluoranthene	37	D	3.8	8	32	ug/Kg
50-32-8	Benzo(a)pyrene	34	D	3.5	8	32	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29	JD	8.4	8	32	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	15	JD	8.7	8	32	ug/Kg
191-24-2	Benzo(g,h,i)perylene	9.5	U	9.5	8	32	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.83		15-120		35	SPK: -8
93951-69-0	Fluoranthene-d10	0.195		30-130		49	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.205		20-140		51	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5217		7.523			
1146-65-2	Naphthalene-d8	17190		10.294			
15067-26-2	Acenaphthene-d10	10268		14.174			



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Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BT6DL	SDG No.:	BN072324
Lab Sample ID:	P3178-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	48.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032911.D	5	7/12/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16379	16.94				
1719-03-5	Chrysene-d12	12450	21.162				
1520-96-3	Perylene-d12	15735	23.351				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	11	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BT8DL	SDG No.:	BN072324
Lab Sample ID:	P3178-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	57.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032912.D	5	7/12/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	0	79	ug/Kg
91-20-3	Naphthalene	4.4	U	4.4	9.8	39	ug/Kg
90-12-0	1-Methylnaphthalene	10	U	10	9.8	39	ug/Kg
91-57-6	2-Methylnaphthalene	4	U	4	9.8	39	ug/Kg
208-96-8	Acenaphthylene	9.1	JD	5.6	9.8	39	ug/Kg
83-32-9	Acenaphthene	9.5	JD	4.6	9.8	39	ug/Kg
86-73-7	Fluorene	8.7	JD	8.1	9.8	39	ug/Kg
87-86-5	Pentachlorophenol	17	U	17	19.8	79	ug/Kg
85-01-8	Phenanthrene	130	D	6	9.8	39	ug/Kg
120-12-7	Anthracene	27	JD	6.2	9.8	39	ug/Kg
206-44-0	Fluoranthene	250	D	8.1	9.8	39	ug/Kg
129-00-0	Pyrene	140	D	6.2	9.8	39	ug/Kg
56-55-3	Benzo(a)anthracene	150	D	5	9.8	39	ug/Kg
218-01-9	Chrysene	110	D	5	9.8	39	ug/Kg
205-99-2	Benzo(b)fluoranthene	200	D	2.5	9.8	39	ug/Kg
207-08-9	Benzo(k)fluoranthene	57	D	4.6	9.8	39	ug/Kg
50-32-8	Benzo(a)pyrene	55	D	4.3	9.8	39	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54	D	10	9.8	39	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	25	JD	11	9.8	39	ug/Kg
191-24-2	Benzo(g,h,i)perylene	12	U	12	9.8	39	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.11		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.22		30-130		55	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.22		20-140		55	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5351		7.523			
1146-65-2	Naphthalene-d8	18389		10.294			
15067-26-2	Acenaphthene-d10	10723		14.175			



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Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BT8DL	SDG No.:	BN072324
Lab Sample ID:	P3178-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	57.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032912.D	5	7/12/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17537	16.936				
1719-03-5	Chrysene-d12	12730	21.159				
1520-96-3	Perylene-d12	15404	23.348				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	13	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BT4DL	SDG No.:	BN072324
Lab Sample ID:	P3178-09DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	49.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032913.D	5	7/12/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	0	66	ug/Kg
91-20-3	Naphthalene	19	JD	3.6	8.1	33	ug/Kg
90-12-0	1-Methylnaphthalene	8.4	U	8.4	8.1	33	ug/Kg
91-57-6	2-Methylnaphthalene	9.2	JD	3.4	8.1	33	ug/Kg
208-96-8	Acenaphthylene	34	D	4.6	8.1	33	ug/Kg
83-32-9	Acenaphthene	25	JD	3.8	8.1	33	ug/Kg
86-73-7	Fluorene	21	JD	6.7	8.1	33	ug/Kg
87-86-5	Pentachlorophenol	14	U	14	16.5	66	ug/Kg
85-01-8	Phenanthrene	360	D	5	8.1	33	ug/Kg
120-12-7	Anthracene	91	D	5.1	8.1	33	ug/Kg
206-44-0	Fluoranthene	660	ED	6.7	8.1	33	ug/Kg
129-00-0	Pyrene	380	D	5.1	8.1	33	ug/Kg
56-55-3	Benzo(a)anthracene	390	D	4.1	8.1	33	ug/Kg
218-01-9	Chrysene	260	D	4.1	8.1	33	ug/Kg
205-99-2	Benzo(b)fluoranthene	450	D	2.1	8.1	33	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	D	3.8	8.1	33	ug/Kg
50-32-8	Benzo(a)pyrene	140	D	3.6	8.1	33	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	D	8.5	8.1	33	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	60	D	8.8	8.1	33	ug/Kg
191-24-2	Benzo(g,h,i)perylene	18	JD	9.7	8.1	33	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.37		15-120		30	SPK: -8
93951-69-0	Fluoranthene-d10	0.175		30-130		44	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.175		20-140		44	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5386		7.523			
1146-65-2	Naphthalene-d8	18405		10.298			
15067-26-2	Acenaphthene-d10	10508		14.173			



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Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BT4DL	SDG No.:	BN072324
Lab Sample ID:	P3178-09DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	49.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032913.D	5	7/12/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17008	16.939				
1719-03-5	Chrysene-d12	13251	21.155				
1520-96-3	Perylene-d12	16290	23.347				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	11	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BX9DL	SDG No.:	BN072324
Lab Sample ID:	P3178-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032914.D	5	7/12/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.6	U	6.6	0	40	ug/Kg
91-20-3	Naphthalene	36	D	2.2	4.9	20	ug/Kg
90-12-0	1-Methylnaphthalene	17	JD	5.1	4.9	20	ug/Kg
91-57-6	2-Methylnaphthalene	21	D	2	4.9	20	ug/Kg
208-96-8	Acenaphthylene	33	D	2.8	4.9	20	ug/Kg
83-32-9	Acenaphthene	58	D	2.3	4.9	20	ug/Kg
86-73-7	Fluorene	51	D	4.1	4.9	20	ug/Kg
87-86-5	Pentachlorophenol	8.3	U	8.3	10	40	ug/Kg
85-01-8	Phenanthrene	590	ED	3	4.9	20	ug/Kg
120-12-7	Anthracene	150	D	3.1	4.9	20	ug/Kg
206-44-0	Fluoranthene	700	ED	4.1	4.9	20	ug/Kg
129-00-0	Pyrene	370	ED	3.1	4.9	20	ug/Kg
56-55-3	Benzo(a)anthracene	380	ED	2.5	4.9	20	ug/Kg
218-01-9	Chrysene	250	D	2.5	4.9	20	ug/Kg
205-99-2	Benzo(b)fluoranthene	410	ED	1.3	4.9	20	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	D	2.3	4.9	20	ug/Kg
50-32-8	Benzo(a)pyrene	120	D	2.1	4.9	20	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	99	D	5.1	4.9	20	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	D	5.3	4.9	20	ug/Kg
191-24-2	Benzo(g,h,i)perylene	15	JD	5.8	4.9	20	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.38		15-120		30	SPK: -8
93951-69-0	Fluoranthene-d10	0.2		30-130		50	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.19		20-140		47	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5055		7.523			
1146-65-2	Naphthalene-d8	17012		10.294			
15067-26-2	Acenaphthene-d10	9552		14.175			



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Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BX9DL	SDG No.:	BN072324
Lab Sample ID:	P3178-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032914.D	5	7/12/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15713	16.936				
1719-03-5	Chrysene-d12	12078	21.153				
1520-96-3	Perylene-d12	14724	23.345				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.6	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BT1DL	SDG No.:	BN072324
Lab Sample ID:	P3178-06DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	57.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032915.D	5	7/12/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	0	78	ug/Kg
91-20-3	Naphthalene	4.3	U	4.3	9.6	38	ug/Kg
90-12-0	1-Methylnaphthalene	9.9	U	9.9	9.6	38	ug/Kg
91-57-6	2-Methylnaphthalene	4	U	4	9.6	38	ug/Kg
208-96-8	Acenaphthylene	8.9	JD	5.5	9.6	38	ug/Kg
83-32-9	Acenaphthene	8.9	JD	4.5	9.6	38	ug/Kg
86-73-7	Fluorene	8.5	JD	7.9	9.6	38	ug/Kg
87-86-5	Pentachlorophenol	16	U	16	19.5	78	ug/Kg
85-01-8	Phenanthrene	110	D	5.9	9.6	38	ug/Kg
120-12-7	Anthracene	26	JD	6.1	9.6	38	ug/Kg
206-44-0	Fluoranthene	220	D	7.9	9.6	38	ug/Kg
129-00-0	Pyrene	130	D	6.1	9.6	38	ug/Kg
56-55-3	Benzo(a)anthracene	130	D	4.9	9.6	38	ug/Kg
218-01-9	Chrysene	87	D	4.9	9.6	38	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	D	2.4	9.6	38	ug/Kg
207-08-9	Benzo(k)fluoranthene	49	D	4.5	9.6	38	ug/Kg
50-32-8	Benzo(a)pyrene	45	D	4.2	9.6	38	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42	D	10	9.6	38	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	19	JD	10	9.6	38	ug/Kg
191-24-2	Benzo(g,h,i)perylene	11	U	11	9.6	38	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.64		15-120		33	SPK: -8
93951-69-0	Fluoranthene-d10	0.21		30-130		52	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.2		20-140		50	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5816		7.523			
1146-65-2	Naphthalene-d8	19925		10.294			
15067-26-2	Acenaphthene-d10	11103		14.175			



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Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BT1DL	SDG No.:	BN072324
Lab Sample ID:	P3178-06DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	57.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
Injection Volume :		Decanted :	Level : LOW
		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032915.D	5	7/12/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19379	16.936				
1719-03-5	Chrysene-d12	13950	21.159				
1520-96-3	Perylene-d12	17214	23.348				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	13	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BY5DL	SDG No.:	BN072324
Lab Sample ID:	P3178-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	19.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032916.D	5	7/12/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.8	U	6.8	0	42	ug/Kg
91-20-3	Naphthalene	100	D	2.3	5.1	21	ug/Kg
90-12-0	1-Methylnaphthalene	41	D	5.3	5.1	21	ug/Kg
91-57-6	2-Methylnaphthalene	51	D	2.1	5.1	21	ug/Kg
208-96-8	Acenaphthylene	20	JD	2.9	5.1	21	ug/Kg
83-32-9	Acenaphthene	120	D	2.4	5.1	21	ug/Kg
86-73-7	Fluorene	100	D	4.2	5.1	21	ug/Kg
87-86-5	Pentachlorophenol	8.7	U	8.7	10.4	42	ug/Kg
85-01-8	Phenanthrene	1300	ED	3.2	5.1	21	ug/Kg
120-12-7	Anthracene	330	D	3.2	5.1	21	ug/Kg
206-44-0	Fluoranthene	1100	ED	4.2	5.1	21	ug/Kg
129-00-0	Pyrene	960	ED	3.2	5.1	21	ug/Kg
56-55-3	Benzo(a)anthracene	530	ED	2.6	5.1	21	ug/Kg
218-01-9	Chrysene	330	D	2.6	5.1	21	ug/Kg
205-99-2	Benzo(b)fluoranthene	410	ED	1.3	5.1	21	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	D	2.4	5.1	21	ug/Kg
50-32-8	Benzo(a)pyrene	360	ED	2.2	5.1	21	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	D	5.4	5.1	21	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53	D	5.5	5.1	21	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190	D	6.1	5.1	21	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.43		15-120		30	SPK: -8
93951-69-0	Fluoranthene-d10	0.19		30-130		47	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.195		20-140		49	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5264		7.523			
1146-65-2	Naphthalene-d8	18486		10.294			
15067-26-2	Acenaphthene-d10	11326		14.17			



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Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	A4BY5DL	SDG No.:	BN072324
Lab Sample ID:	P3178-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	19.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032916.D	5	7/12/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20135	16.932				
1719-03-5	Chrysene-d12	14532	21.153				
1520-96-3	Perylene-d12	17417	23.345				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE8DL	SDG No.:	BN072324
Lab Sample ID:	P3238-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032917.D	5	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7	U	7	0	42	ug/Kg
91-20-3	Naphthalene	2.3	U	2.3	5.2	21	ug/Kg
90-12-0	1-Methylnaphthalene	5.4	U	5.4	5.2	21	ug/Kg
91-57-6	2-Methylnaphthalene	2.2	U	2.2	5.2	21	ug/Kg
208-96-8	Acenaphthylene	3	U	3	5.2	21	ug/Kg
83-32-9	Acenaphthene	4.6	JD	2.5	5.2	21	ug/Kg
86-73-7	Fluorene	4.3	U	4.3	5.2	21	ug/Kg
87-86-5	Pentachlorophenol	8.9	U	8.9	10.6	42	ug/Kg
85-01-8	Phenanthrene	36	D	3.2	5.2	21	ug/Kg
120-12-7	Anthracene	11	JD	3.3	5.2	21	ug/Kg
206-44-0	Fluoranthene	47	D	4.3	5.2	21	ug/Kg
129-00-0	Pyrene	39	D	3.3	5.2	21	ug/Kg
56-55-3	Benzo(a)anthracene	25	D	2.7	5.2	21	ug/Kg
218-01-9	Chrysene	16	JD	2.7	5.2	21	ug/Kg
205-99-2	Benzo(b)fluoranthene	25	D	1.3	5.2	21	ug/Kg
207-08-9	Benzo(k)fluoranthene	8.2	JD	2.5	5.2	21	ug/Kg
50-32-8	Benzo(a)pyrene	21	D	2.3	5.2	21	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	11	JD	5.5	5.2	21	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5.6	U	5.6	5.2	21	ug/Kg
191-24-2	Benzo(g,h,i)perylene	13	JD	6.2	5.2	21	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.52		15-120		31	SPK: -8
93951-69-0	Fluoranthene-d10	0.215		30-130		54	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.19		20-140		47	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5247		7.523			
1146-65-2	Naphthalene-d8	18247		10.298			
15067-26-2	Acenaphthene-d10	10968		14.173			



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Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE8DL	SDG No.:	BN072324
Lab Sample ID:	P3238-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032917.D	5	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18318	16.939				
1719-03-5	Chrysene-d12	12724	21.163				
1520-96-3	Perylene-d12	14430	23.35				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	7	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF6DL	SDG No.:	BN072324
Lab Sample ID:	P3238-10DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032918.D	5	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.2	U	7.2	0	44	ug/Kg
91-20-3	Naphthalene	23	D	2.4	5.4	22	ug/Kg
90-12-0	1-Methylnaphthalene	11	JD	5.6	5.4	22	ug/Kg
91-57-6	2-Methylnaphthalene	14	JD	2.2	5.4	22	ug/Kg
208-96-8	Acenaphthylene	20	JD	3.1	5.4	22	ug/Kg
83-32-9	Acenaphthene	67	D	2.6	5.4	22	ug/Kg
86-73-7	Fluorene	60	D	4.5	5.4	22	ug/Kg
87-86-5	Pentachlorophenol	9.2	U	9.2	11	44	ug/Kg
85-01-8	Phenanthrene	1000	ED	3.4	5.4	22	ug/Kg
120-12-7	Anthracene	210	D	3.4	5.4	22	ug/Kg
206-44-0	Fluoranthene	1200	ED	4.5	5.4	22	ug/Kg
129-00-0	Pyrene	770	ED	3.4	5.4	22	ug/Kg
56-55-3	Benzo(a)anthracene	610	ED	2.8	5.4	22	ug/Kg
218-01-9	Chrysene	500	ED	2.8	5.4	22	ug/Kg
205-99-2	Benzo(b)fluoranthene	580	ED	1.4	5.4	22	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	D	2.6	5.4	22	ug/Kg
50-32-8	Benzo(a)pyrene	270	D	2.4	5.4	22	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	D	5.7	5.4	22	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	91	D	5.9	5.4	22	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	D	6.4	5.4	22	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.515		15-120		31	SPK: -8
93951-69-0	Fluoranthene-d10	0.165		30-130		41	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.17		20-140		43	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5267		7.523			
1146-65-2	Naphthalene-d8	17637		10.299			
15067-26-2	Acenaphthene-d10	10056		14.174			



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Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF6DL	SDG No.:	BN072324
Lab Sample ID:	P3238-10DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032918.D	5	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16257	16.936				
1719-03-5	Chrysene-d12	13336	21.15				
1520-96-3	Perylene-d12	16144	23.342				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	7.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF7DL	SDG No.:	BN072324
Lab Sample ID:	P3238-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032919.D	5	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.3	U	6.3	0	38	ug/Kg
91-20-3	Naphthalene	20	D	2.1	4.7	19	ug/Kg
90-12-0	1-Methylnaphthalene	13	JD	4.9	4.7	19	ug/Kg
91-57-6	2-Methylnaphthalene	16	JD	1.9	4.7	19	ug/Kg
208-96-8	Acenaphthylene	38	D	2.7	4.7	19	ug/Kg
83-32-9	Acenaphthene	78	D	2.2	4.7	19	ug/Kg
86-73-7	Fluorene	62	D	3.9	4.7	19	ug/Kg
87-86-5	Pentachlorophenol	8	U	8	9.6	38	ug/Kg
85-01-8	Phenanthrene	750	ED	2.9	4.7	19	ug/Kg
120-12-7	Anthracene	220	D	3	4.7	19	ug/Kg
206-44-0	Fluoranthene	1000	ED	3.9	4.7	19	ug/Kg
129-00-0	Pyrene	670	ED	3	4.7	19	ug/Kg
56-55-3	Benzo(a)anthracene	520	ED	2.4	4.7	19	ug/Kg
218-01-9	Chrysene	350	ED	2.4	4.7	19	ug/Kg
205-99-2	Benzo(b)fluoranthene	520	ED	1.2	4.7	19	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	D	2.2	4.7	19	ug/Kg
50-32-8	Benzo(a)pyrene	250	D	2.1	4.7	19	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	D	4.9	4.7	19	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	70	D	5.1	4.7	19	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	D	5.6	4.7	19	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.875		15-120		36	SPK: -8
93951-69-0	Fluoranthene-d10	0.215		30-130		54	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.2		20-140		50	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5384		7.523			
1146-65-2	Naphthalene-d8	18297		10.294			
15067-26-2	Acenaphthene-d10	10928		14.17			



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Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF7DL	SDG No.:	BN072324
Lab Sample ID:	P3238-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.6
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032919.D	5	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18558	16.932				
1719-03-5	Chrysene-d12	13297	21.15				
1520-96-3	Perylene-d12	16157	23.339				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE9DL	SDG No.:	BN072324
Lab Sample ID:	P3238-06DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	29
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032920.D	5	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.7	U	7.7	0	47	ug/Kg
91-20-3	Naphthalene	27	D	2.6	5.8	23	ug/Kg
90-12-0	1-Methylnaphthalene	10	JD	6	5.8	23	ug/Kg
91-57-6	2-Methylnaphthalene	14	JD	2.4	5.8	23	ug/Kg
208-96-8	Acenaphthylene	20	JD	3.3	5.8	23	ug/Kg
83-32-9	Acenaphthene	62	D	2.7	5.8	23	ug/Kg
86-73-7	Fluorene	54	D	4.8	5.8	23	ug/Kg
87-86-5	Pentachlorophenol	9.9	U	9.9	11.8	47	ug/Kg
85-01-8	Phenanthrene	730	ED	3.6	5.8	23	ug/Kg
120-12-7	Anthracene	150	D	3.7	5.8	23	ug/Kg
206-44-0	Fluoranthene	950	ED	4.8	5.8	23	ug/Kg
129-00-0	Pyrene	630	ED	3.7	5.8	23	ug/Kg
56-55-3	Benzo(a)anthracene	460	ED	3	5.8	23	ug/Kg
218-01-9	Chrysene	310	D	3	5.8	23	ug/Kg
205-99-2	Benzo(b)fluoranthene	480	ED	1.5	5.8	23	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	D	2.7	5.8	23	ug/Kg
50-32-8	Benzo(a)pyrene	220	D	2.5	5.8	23	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	D	6.1	5.8	23	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	D	6.3	5.8	23	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	D	6.9	5.8	23	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.77		15-120		35	SPK: -8
93951-69-0	Fluoranthene-d10	0.205		30-130		51	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.195		20-140		49	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6385		7.523			
1146-65-2	Naphthalene-d8	21984		10.293			
15067-26-2	Acenaphthene-d10	12945		14.173			



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Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE9DL	SDG No.:	BN072324
Lab Sample ID:	P3238-06DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	29
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032920.D	5	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22176	16.935				
1719-03-5	Chrysene-d12	16246	21.149				
1520-96-3	Perylene-d12	19156	23.341				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	7.7	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SBLK058	SDG No.:	BN072324
Lab Sample ID:	PB162058BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032922.D	1	7/15/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	6.7	ug/Kg
91-20-3	Naphthalene	0.37	U	0.37	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.85	U	0.85	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.34	U	0.34	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.47	U	0.47	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.39	U	0.39	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.68	U	0.68	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	1.4	U	1.4	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.51	U	0.51	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.52	U	0.52	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.68	U	0.68	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.42	U	0.42	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.42	U	0.42	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.21	U	0.21	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.39	U	0.39	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.36	U	0.36	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.86	U	0.86	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.89	U	0.89	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.98	U	0.98	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.901		15-120		61	SPK: -8
93951-69-0	Fluoranthene-d10	0.282		30-130		70	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.26		20-140		65	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4072		7.519			
1146-65-2	Naphthalene-d8	14544		10.283			
15067-26-2	Acenaphthene-d10	8200		14.17			



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Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SBLK058	SDG No.:	BN072324
Lab Sample ID:	PB162058BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032922.D	1	7/15/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13050	16.932				
1719-03-5	Chrysene-d12	9081	21.171				
1520-96-3	Perylene-d12	8631	23.345				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BZ5DL	SDG No.:	BN072324
Lab Sample ID:	P3238-15DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	55.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032923.D	5	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	0	76	ug/Kg
91-20-3	Naphthalene	22	JD	4.2	9.3	37	ug/Kg
90-12-0	1-Methylnaphthalene	14	JD	9.6	9.3	37	ug/Kg
91-57-6	2-Methylnaphthalene	15	JD	3.8	9.3	37	ug/Kg
208-96-8	Acenaphthylene	36	JD	5.3	9.3	37	ug/Kg
83-32-9	Acenaphthene	38	D	4.4	9.3	37	ug/Kg
86-73-7	Fluorene	40	D	7.7	9.3	37	ug/Kg
87-86-5	Pentachlorophenol	16	U	16	18.9	76	ug/Kg
85-01-8	Phenanthrene	680	ED	5.8	9.3	37	ug/Kg
120-12-7	Anthracene	150	D	5.9	9.3	37	ug/Kg
206-44-0	Fluoranthene	1300	ED	7.7	9.3	37	ug/Kg
129-00-0	Pyrene	900	ED	5.9	9.3	37	ug/Kg
56-55-3	Benzo(a)anthracene	640	ED	4.7	9.3	37	ug/Kg
218-01-9	Chrysene	580	D	4.7	9.3	37	ug/Kg
205-99-2	Benzo(b)fluoranthene	840	ED	2.4	9.3	37	ug/Kg
207-08-9	Benzo(k)fluoranthene	270	D	4.4	9.3	37	ug/Kg
50-32-8	Benzo(a)pyrene	380	D	4.1	9.3	37	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	300	D	9.7	9.3	37	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	D	10	9.3	37	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53	D	11	9.3	37	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.15		15-120		27	SPK: -8
93951-69-0	Fluoranthene-d10	0.13		30-130		32	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.14		20-140		35	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4856		7.523			
1146-65-2	Naphthalene-d8	16533		10.299			
15067-26-2	Acenaphthene-d10	9810		14.175			



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Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BZ5DL	SDG No.:	BN072324
Lab Sample ID:	P3238-15DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	55.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
Extraction Type :		Test:	
Injection Volume :		Level :	LOW
		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032923.D	5	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16308	16.936				
1719-03-5	Chrysene-d12	12992	21.15				
1520-96-3	Perylene-d12	15384	23.339				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	12	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BZ6DL	SDG No.:	BN072324
Lab Sample ID:	P3238-16DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	45.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032924.D	5	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	10	U	10	0	61	ug/Kg
91-20-3	Naphthalene	26	JD	3.4	7.5	30	ug/Kg
90-12-0	1-Methylnaphthalene	14	JD	7.8	7.5	30	ug/Kg
91-57-6	2-Methylnaphthalene	17	JD	3.1	7.5	30	ug/Kg
208-96-8	Acenaphthylene	34	D	4.3	7.5	30	ug/Kg
83-32-9	Acenaphthene	63	D	3.6	7.5	30	ug/Kg
86-73-7	Fluorene	58	D	6.2	7.5	30	ug/Kg
87-86-5	Pentachlorophenol	13	U	13	15.3	61	ug/Kg
85-01-8	Phenanthrene	920	ED	4.7	7.5	30	ug/Kg
120-12-7	Anthracene	210	D	4.8	7.5	30	ug/Kg
206-44-0	Fluoranthene	1400	ED	6.2	7.5	30	ug/Kg
129-00-0	Pyrene	980	ED	4.8	7.5	30	ug/Kg
56-55-3	Benzo(a)anthracene	720	ED	3.8	7.5	30	ug/Kg
218-01-9	Chrysene	570	ED	3.8	7.5	30	ug/Kg
205-99-2	Benzo(b)fluoranthene	840	ED	1.9	7.5	30	ug/Kg
207-08-9	Benzo(k)fluoranthene	260	D	3.6	7.5	30	ug/Kg
50-32-8	Benzo(a)pyrene	390	D	3.3	7.5	30	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	290	D	7.9	7.5	30	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	D	8.1	7.5	30	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50	D	9	7.5	30	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.085		15-120		26	SPK: -8
93951-69-0	Fluoranthene-d10	0.14		30-130		35	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.14		20-140		35	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7273	7.523				
1146-65-2	Naphthalene-d8	24121	10.294				
15067-26-2	Acenaphthene-d10	13816	14.17				



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Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BZ6DL	SDG No.:	BN072324
Lab Sample ID:	P3238-16DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	45.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032924.D	5	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22570	16.932				
1719-03-5	Chrysene-d12	17819	21.147				
1520-96-3	Perylene-d12	21340	23.336				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	10	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4C04DL	SDG No.:	BN072324
Lab Sample ID:	P3238-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	40
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032925.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.1	U	9.1	0	56	ug/Kg
91-20-3	Naphthalene	130	D	3.1	6.9	27	ug/Kg
90-12-0	1-Methylnaphthalene	53	D	7.1	6.9	27	ug/Kg
91-57-6	2-Methylnaphthalene	70	D	2.8	6.9	27	ug/Kg
208-96-8	Acenaphthylene	45	D	3.9	6.9	27	ug/Kg
83-32-9	Acenaphthene	280	D	3.2	6.9	27	ug/Kg
86-73-7	Fluorene	300	D	5.6	6.9	27	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	13.9	56	ug/Kg
85-01-8	Phenanthrene	3600	ED	4.2	6.9	27	ug/Kg
120-12-7	Anthracene	750	ED	4.3	6.9	27	ug/Kg
206-44-0	Fluoranthene	4200	ED	5.6	6.9	27	ug/Kg
129-00-0	Pyrene	2900	ED	4.3	6.9	27	ug/Kg
56-55-3	Benzo(a)anthracene	2100	ED	3.5	6.9	27	ug/Kg
218-01-9	Chrysene	1500	ED	3.5	6.9	27	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900	ED	1.7	6.9	27	ug/Kg
207-08-9	Benzo(k)fluoranthene	570	ED	3.2	6.9	27	ug/Kg
50-32-8	Benzo(a)pyrene	960	ED	3	6.9	27	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	580	ED	7.1	6.9	27	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	250	D	7.4	6.9	27	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	D	8.1	6.9	27	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.73		15-120		34	SPK: -8
93951-69-0	Fluoranthene-d10	0.2		30-130		50	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.19		20-140		47	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5793		7.523			
1146-65-2	Naphthalene-d8	19514		10.294			
15067-26-2	Acenaphthene-d10	11521		14.17			



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Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4C04DL	SDG No.:	BN072324
Lab Sample ID:	P3238-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	40
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032925.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19907	16.927				
1719-03-5	Chrysene-d12	14808	21.141				
1520-96-3	Perylene-d12	18829	23.333				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	9.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF0DL	SDG No.:	BN072324
Lab Sample ID:	P3238-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	42.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032926.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.5	U	9.5	0	58	ug/Kg
91-20-3	Naphthalene	35	D	3.2	7.1	28	ug/Kg
90-12-0	1-Methylnaphthalene	9.8	JD	7.3	7.1	28	ug/Kg
91-57-6	2-Methylnaphthalene	16	JD	2.9	7.1	28	ug/Kg
208-96-8	Acenaphthylene	10	JD	4.1	7.1	28	ug/Kg
83-32-9	Acenaphthene	47	D	3.4	7.1	28	ug/Kg
86-73-7	Fluorene	42	D	5.9	7.1	28	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	14.5	58	ug/Kg
85-01-8	Phenanthrene	370	D	4.4	7.1	28	ug/Kg
120-12-7	Anthracene	87	D	4.5	7.1	28	ug/Kg
206-44-0	Fluoranthene	380	D	5.9	7.1	28	ug/Kg
129-00-0	Pyrene	300	D	4.5	7.1	28	ug/Kg
56-55-3	Benzo(a)anthracene	200	D	3.6	7.1	28	ug/Kg
218-01-9	Chrysene	120	D	3.6	7.1	28	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	D	1.8	7.1	28	ug/Kg
207-08-9	Benzo(k)fluoranthene	62	D	3.4	7.1	28	ug/Kg
50-32-8	Benzo(a)pyrene	160	D	3.1	7.1	28	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	79	D	7.4	7.1	28	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	JD	7.7	7.1	28	ug/Kg
191-24-2	Benzo(g,h,i)perylene	92	D	8.5	7.1	28	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.105		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.23		30-130		57	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.22		20-140		55	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5317		7.523			
1146-65-2	Naphthalene-d8	18236		10.294			
15067-26-2	Acenaphthene-d10	10639		14.17			



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Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF0DL	SDG No.:	BN072324
Lab Sample ID:	P3238-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	42.1
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
Extraction Type :		Test:	
Injection Volume :		Level :	LOW
		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032926.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18055	16.936				
1719-03-5	Chrysene-d12	13215	21.153				
1520-96-3	Perylene-d12	14765	23.339				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	9.5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF9DL	SDG No.:	BN072324
Lab Sample ID:	P3238-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	57.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032927.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	0	79	ug/Kg
91-20-3	Naphthalene	15	JD	4.4	9.7	39	ug/Kg
90-12-0	1-Methylnaphthalene	10	U	10	9.7	39	ug/Kg
91-57-6	2-Methylnaphthalene	8.6	JD	4	9.7	39	ug/Kg
208-96-8	Acenaphthylene	26	JD	5.5	9.7	39	ug/Kg
83-32-9	Acenaphthene	31	JD	4.6	9.7	39	ug/Kg
86-73-7	Fluorene	26	JD	8	9.7	39	ug/Kg
87-86-5	Pentachlorophenol	17	U	17	19.8	79	ug/Kg
85-01-8	Phenanthrene	480	D	6	9.7	39	ug/Kg
120-12-7	Anthracene	110	D	6.1	9.7	39	ug/Kg
206-44-0	Fluoranthene	840	ED	8	9.7	39	ug/Kg
129-00-0	Pyrene	580	D	6.1	9.7	39	ug/Kg
56-55-3	Benzo(a)anthracene	460	D	5	9.7	39	ug/Kg
218-01-9	Chrysene	320	D	5	9.7	39	ug/Kg
205-99-2	Benzo(b)fluoranthene	520	D	2.5	9.7	39	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	D	4.6	9.7	39	ug/Kg
50-32-8	Benzo(a)pyrene	240	D	4.2	9.7	39	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	D	10	9.7	39	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63	D	10	9.7	39	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	D	12	9.7	39	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.185		15-120		27	SPK: -8
93951-69-0	Fluoranthene-d10	0.17		30-130		43	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.155		20-140		39	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5290		7.523			
1146-65-2	Naphthalene-d8	18070		10.299			
15067-26-2	Acenaphthene-d10	10705		14.175			



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Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BF9DL	SDG No.:	BN072324
Lab Sample ID:	P3238-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	57.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032927.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17998	16.936				
1719-03-5	Chrysene-d12	13624	21.15				
1520-96-3	Perylene-d12	16338	23.339				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	13	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BG0DL	SDG No.:	BN072324
Lab Sample ID:	P3238-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	43.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032928.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.7	U	9.7	0	59	ug/Kg
91-20-3	Naphthalene	7.9	JD	3.3	7.3	29	ug/Kg
90-12-0	1-Methylnaphthalene	7.5	U	7.5	7.3	29	ug/Kg
91-57-6	2-Methylnaphthalene	3	U	3	7.3	29	ug/Kg
208-96-8	Acenaphthylene	6.8	JD	4.1	7.3	29	ug/Kg
83-32-9	Acenaphthene	19	JD	3.4	7.3	29	ug/Kg
86-73-7	Fluorene	11	JD	6	7.3	29	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	14.8	59	ug/Kg
85-01-8	Phenanthrene	150	D	4.5	7.3	29	ug/Kg
120-12-7	Anthracene	39	D	4.6	7.3	29	ug/Kg
206-44-0	Fluoranthene	180	D	6	7.3	29	ug/Kg
129-00-0	Pyrene	130	D	4.6	7.3	29	ug/Kg
56-55-3	Benzo(a)anthracene	100	D	3.7	7.3	29	ug/Kg
218-01-9	Chrysene	66	D	3.7	7.3	29	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	D	1.9	7.3	29	ug/Kg
207-08-9	Benzo(k)fluoranthene	34	D	3.4	7.3	29	ug/Kg
50-32-8	Benzo(a)pyrene	54	D	3.2	7.3	29	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	D	7.6	7.3	29	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	14	JD	7.8	7.3	29	ug/Kg
191-24-2	Benzo(g,h,i)perylene	8.6	U	8.6	7.3	29	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.335		15-120		29	SPK: -8
93951-69-0	Fluoranthene-d10	0.155		30-130		39	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.15		20-140		38	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5681		7.523			
1146-65-2	Naphthalene-d8	19282		10.299			
15067-26-2	Acenaphthene-d10	11268		14.174			



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Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BG0DL	SDG No.:	BN072324
Lab Sample ID:	P3238-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	43.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032928.D	5	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18600	16.936				
1719-03-5	Chrysene-d12	13768	21.153				
1520-96-3	Perylene-d12	15648	23.342				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	9.7	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D44	SDG No.:	BN072324
Lab Sample ID:	P3215-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032929.D	1	7/15/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	8.2	ug/Kg
91-20-3	Naphthalene	60		0.45	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	30		1	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	52		0.41	1	4	ug/Kg
208-96-8	Acenaphthylene	210	E	0.57	1	4	ug/Kg
83-32-9	Acenaphthene	50		0.48	1	4	ug/Kg
86-73-7	Fluorene	57		0.83	1	4	ug/Kg
87-86-5	Pentachlorophenol	29		1.7	2	8.2	ug/Kg
85-01-8	Phenanthrene	710	E	0.62	1	4	ug/Kg
120-12-7	Anthracene	280	E	0.63	1	4	ug/Kg
206-44-0	Fluoranthene	2200	E	0.83	1	4	ug/Kg
129-00-0	Pyrene	1100	E	0.63	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	910	E	0.51	1	4	ug/Kg
218-01-9	Chrysene	780	E	0.51	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	940	E	0.26	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	630	E	0.48	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	370	E	0.44	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	410	E	1	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	180	E	1.1	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	62		1.2	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.179		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.371		30-130		93	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.296		20-140		74	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3767		7.515			
1146-65-2	Naphthalene-d8	13125		10.283			
15067-26-2	Acenaphthene-d10	10502		14.165			



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Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D44	SDG No.:	BN072324
Lab Sample ID:	P3215-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
Injection Volume :		Decanted :	Level : LOW
		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032929.D	1	7/15/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24677	16.927				
1719-03-5	Chrysene-d12	12602	21.168				
1520-96-3	Perylene-d12	14545	23.392				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D43	SDG No.:	BN072324
Lab Sample ID:	P3215-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.4
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032930.D	1	7/15/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.5	U	1.5	0	8.9	ug/Kg
91-20-3	Naphthalene	57		0.49	1.1	4.4	ug/Kg
90-12-0	1-Methylnaphthalene	28		1.1	1.1	4.4	ug/Kg
91-57-6	2-Methylnaphthalene	41		0.45	1.1	4.4	ug/Kg
208-96-8	Acenaphthylene	230	E	0.62	1.1	4.4	ug/Kg
83-32-9	Acenaphthene	46		0.52	1.1	4.4	ug/Kg
86-73-7	Fluorene	58		0.9	1.1	4.4	ug/Kg
87-86-5	Pentachlorophenol	19		1.9	2.2	8.9	ug/Kg
85-01-8	Phenanthrene	760	E	0.67	1.1	4.4	ug/Kg
120-12-7	Anthracene	260	E	0.69	1.1	4.4	ug/Kg
206-44-0	Fluoranthene	1800	E	0.9	1.1	4.4	ug/Kg
129-00-0	Pyrene	1100	E	0.69	1.1	4.4	ug/Kg
56-55-3	Benzo(a)anthracene	990	E	0.56	1.1	4.4	ug/Kg
218-01-9	Chrysene	850	E	0.56	1.1	4.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200	E	0.28	1.1	4.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	310	E	0.52	1.1	4.4	ug/Kg
50-32-8	Benzo(a)pyrene	320	E	0.48	1.1	4.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	300	E	1.1	1.1	4.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	180	E	1.2	1.1	4.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48		1.3	1.1	4.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.947		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.271		30-130		68	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.243		20-140		61	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3641		7.519			
1146-65-2	Naphthalene-d8	13090		10.288			
15067-26-2	Acenaphthene-d10	9524		14.174			



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Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D43	SDG No.:	BN072324
Lab Sample ID:	P3215-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.4
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032930.D	1	7/15/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21946	16.94				
1719-03-5	Chrysene-d12	14714	21.165				
1520-96-3	Perylene-d12	20550	23.371				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C08	SDG No.:	BN072324
Lab Sample ID:	P3215-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.9
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032931.D	1	7/15/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.5	ug/Kg
91-20-3	Naphthalene	78	E	0.42	0.93	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	44		0.95	0.93	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	53		0.38	0.93	3.7	ug/Kg
208-96-8	Acenaphthylene	110	E	0.53	0.93	3.7	ug/Kg
83-32-9	Acenaphthene	160	E	0.44	0.93	3.7	ug/Kg
86-73-7	Fluorene	150	E	0.76	0.93	3.7	ug/Kg
87-86-5	Pentachlorophenol	3.1	J	1.6	1.9	7.5	ug/Kg
85-01-8	Phenanthrene	1400	E	0.57	0.93	3.7	ug/Kg
120-12-7	Anthracene	380	E	0.58	0.93	3.7	ug/Kg
206-44-0	Fluoranthene	2700	E	0.76	0.93	3.7	ug/Kg
129-00-0	Pyrene	1600	E	0.58	0.93	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	1500	E	0.47	0.93	3.7	ug/Kg
218-01-9	Chrysene	1100	E	0.47	0.93	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100	E	0.24	0.93	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	350	E	0.44	0.93	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	380	E	0.4	0.93	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	290	E	0.97	0.93	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	180	E	1	0.93	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45		1.1	0.93	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.829		15-120		35	SPK: -8
93951-69-0	Fluoranthene-d10	0.256		30-130		64	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.229		20-140		57	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4673		7.523			
1146-65-2	Naphthalene-d8	16739		10.294			
15067-26-2	Acenaphthene-d10	11683		14.179			



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Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C08	SDG No.:	BN072324
Lab Sample ID:	P3215-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.9
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032931.D	1	7/15/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	28416	16.944				
1719-03-5	Chrysene-d12	15943	21.165				
1520-96-3	Perylene-d12	24486	23.36				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C12	SDG No.:	BN072324
Lab Sample ID:	P3215-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032932.D	1	7/15/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.4	ug/Kg
91-20-3	Naphthalene	80	E	0.41	0.91	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	51		0.94	0.91	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	59	E	0.38	0.91	3.7	ug/Kg
208-96-8	Acenaphthylene	82	E	0.52	0.91	3.7	ug/Kg
83-32-9	Acenaphthene	150	E	0.43	0.91	3.7	ug/Kg
86-73-7	Fluorene	140	E	0.75	0.91	3.7	ug/Kg
87-86-5	Pentachlorophenol	2.6	J	1.6	1.9	7.4	ug/Kg
85-01-8	Phenanthrene	1100	E	0.57	0.91	3.7	ug/Kg
120-12-7	Anthracene	300	E	0.58	0.91	3.7	ug/Kg
206-44-0	Fluoranthene	1700	E	0.75	0.91	3.7	ug/Kg
129-00-0	Pyrene	1000	E	0.58	0.91	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	1100	E	0.47	0.91	3.7	ug/Kg
218-01-9	Chrysene	730	E	0.47	0.91	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	830	E	0.23	0.91	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	230	E	0.43	0.91	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	270	E	0.4	0.91	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200	E	0.95	0.91	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	E	0.99	0.91	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30		1.1	0.91	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.834		15-120		35	SPK: -8
93951-69-0	Fluoranthene-d10	0.204		30-130		51	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.206		20-140		51	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6077		7.523			
1146-65-2	Naphthalene-d8	20054		10.294			
15067-26-2	Acenaphthene-d10	12280		14.179			



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Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4C12	SDG No.:	BN072324
Lab Sample ID:	P3215-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032932.D	1	7/15/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25556	16.944				
1719-03-5	Chrysene-d12	13187	21.165				
1520-96-3	Perylene-d12	19497	23.359				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D31	SDG No.:	BN072324
Lab Sample ID:	P3215-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032933.D	1	7/15/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.4	ug/Kg
91-20-3	Naphthalene	69	E	0.41	0.91	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	88	E	0.93	0.91	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	97	E	0.37	0.91	3.6	ug/Kg
208-96-8	Acenaphthylene	88	E	0.52	0.91	3.6	ug/Kg
83-32-9	Acenaphthene	20		0.43	0.91	3.6	ug/Kg
86-73-7	Fluorene	22		0.75	0.91	3.6	ug/Kg
87-86-5	Pentachlorophenol	1.5	U	1.5	1.8	7.4	ug/Kg
85-01-8	Phenanthrene	490	E	0.56	0.91	3.6	ug/Kg
120-12-7	Anthracene	120	E	0.57	0.91	3.6	ug/Kg
206-44-0	Fluoranthene	890	E	0.75	0.91	3.6	ug/Kg
129-00-0	Pyrene	490	E	0.57	0.91	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	520	E	0.46	0.91	3.6	ug/Kg
218-01-9	Chrysene	450	E	0.46	0.91	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	540	E	0.23	0.91	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	E	0.43	0.91	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	150	E	0.4	0.91	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	E	0.95	0.91	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	87	E	0.98	0.91	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	22		1.1	0.91	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.75		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.24		30-130		60	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.26		20-140		65	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5216		7.519			
1146-65-2	Naphthalene-d8	18233		10.294			
15067-26-2	Acenaphthene-d10	12037		14.175			



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Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D31	SDG No.:	BN072324
Lab Sample ID:	P3215-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
Injection Volume :		Level :	LOW
		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032933.D	1	7/15/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18391	16.94				
1719-03-5	Chrysene-d12	13641	21.162				
1520-96-3	Perylene-d12	19285	23.363				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SLCS058	SDG No.:	BN072324
Lab Sample ID:	PB162058BS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032934.D	1	7/15/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	41		1.1	0	6.7	ug/Kg
91-20-3	Naphthalene	8.2		0.37	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	8.2		0.85	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	8.4		0.34	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	9.8		0.47	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	8		0.39	0.83	3.3	ug/Kg
86-73-7	Fluorene	7.1		0.68	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	22		1.4	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	8.1		0.51	0.83	3.3	ug/Kg
120-12-7	Anthracene	9.6		0.52	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	7.9		0.68	0.83	3.3	ug/Kg
129-00-0	Pyrene	7.8		0.52	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	9.9		0.42	0.83	3.3	ug/Kg
218-01-9	Chrysene	7		0.42	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	8.1		0.21	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	6.6		0.39	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	9		0.36	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	8.7		0.86	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	8.9		0.89	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	8.2		0.98	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.533		15-120		67	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.253		30-130		63	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.266		20-140		67	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5860	7.527				
1146-65-2	Naphthalene-d8	22865	10.298				
15067-26-2	Acenaphthene-d10	12840	14.182				



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Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SLCS058	SDG No.:	BN072324
Lab Sample ID:	PB162058BS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032934.D	1	7/15/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21237	16.951				
1719-03-5	Chrysene-d12	17760	21.166				
1520-96-3	Perylene-d12	21415	23.361				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D25DL	SDG No.:	BN072324
Lab Sample ID:	P3215-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	62.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032935.D	5	7/15/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	0	88	ug/Kg
91-20-3	Naphthalene	58	D	4.9	10.8	43	ug/Kg
90-12-0	1-Methylnaphthalene	14	JD	11	10.8	43	ug/Kg
91-57-6	2-Methylnaphthalene	26	JD	4.5	10.8	43	ug/Kg
208-96-8	Acenaphthylene	110	D	6.2	10.8	43	ug/Kg
83-32-9	Acenaphthene	39	JD	5.1	10.8	43	ug/Kg
86-73-7	Fluorene	58	D	8.9	10.8	43	ug/Kg
87-86-5	Pentachlorophenol	18	U	18	22	88	ug/Kg
85-01-8	Phenanthrene	290	D	6.7	10.8	43	ug/Kg
120-12-7	Anthracene	140	D	6.8	10.8	43	ug/Kg
206-44-0	Fluoranthene	970	ED	8.9	10.8	43	ug/Kg
129-00-0	Pyrene	870	ED	6.8	10.8	43	ug/Kg
56-55-3	Benzo(a)anthracene	510	D	5.5	10.8	43	ug/Kg
218-01-9	Chrysene	440	D	5.5	10.8	43	ug/Kg
205-99-2	Benzo(b)fluoranthene	500	D	2.8	10.8	43	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	D	5.1	10.8	43	ug/Kg
50-32-8	Benzo(a)pyrene	390	D	4.7	10.8	43	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220	D	11	10.8	43	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	69	D	12	10.8	43	ug/Kg
191-24-2	Benzo(g,h,i)perylene	250	D	13	10.8	43	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	11.01	*	15-120		138	SPK: -8
93951-69-0	Fluoranthene-d10	0.82	*	30-130		205	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.785	*	20-140		196	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1639		7.523			
1146-65-2	Naphthalene-d8	5472		10.294			
15067-26-2	Acenaphthene-d10	3211		14.179			



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Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D25DL	SDG No.:	BN072324
Lab Sample ID:	P3215-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	62.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032935.D	5	7/15/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5276	16.944				
1719-03-5	Chrysene-d12	3764	21.165				
1520-96-3	Perylene-d12	5138	23.36				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	14	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D23DL	SDG No.:	BN072324
Lab Sample ID:	P3215-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	68.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032936.D	5	7/15/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	18	U	18	0	110	ug/Kg
91-20-3	Naphthalene	14	JD	5.9	13.2	53	ug/Kg
90-12-0	1-Methylnaphthalene	14	U	14	13.2	53	ug/Kg
91-57-6	2-Methylnaphthalene	5.4	U	5.4	13.2	53	ug/Kg
208-96-8	Acenaphthylene	33	JD	7.5	13.2	53	ug/Kg
83-32-9	Acenaphthene	6.3	U	6.3	13.2	53	ug/Kg
86-73-7	Fluorene	12	JD	11	13.2	53	ug/Kg
87-86-5	Pentachlorophenol	22	U	22	26.8	110	ug/Kg
85-01-8	Phenanthrene	110	D	8.2	13.2	53	ug/Kg
120-12-7	Anthracene	35	JD	8.3	13.2	53	ug/Kg
206-44-0	Fluoranthene	240	D	11	13.2	53	ug/Kg
129-00-0	Pyrene	210	D	8.3	13.2	53	ug/Kg
56-55-3	Benzo(a)anthracene	130	D	6.7	13.2	53	ug/Kg
218-01-9	Chrysene	120	D	6.7	13.2	53	ug/Kg
205-99-2	Benzo(b)fluoranthene	200	D	3.4	13.2	53	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	JD	6.3	13.2	53	ug/Kg
50-32-8	Benzo(a)pyrene	140	D	5.8	13.2	53	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	85	D	14	13.2	53	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27	JD	14	13.2	53	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	D	16	13.2	53	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.9		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.295		30-130		74	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.295		20-140		74	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5775		7.523			
1146-65-2	Naphthalene-d8	19476		10.294			
15067-26-2	Acenaphthene-d10	11077		14.174			



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Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D23DL	SDG No.:	BN072324
Lab Sample ID:	P3215-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	68.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032936.D	5	7/15/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17922	16.944				
1719-03-5	Chrysene-d12	13852	21.162				
1520-96-3	Perylene-d12	15859	23.36				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	18	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SBLK058	SDG No.:	BN072324
Lab Sample ID:	PB162058BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032938.D	1	7/15/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	6.7	ug/Kg
91-20-3	Naphthalene	0.37	U	0.37	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.85	U	0.85	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.34	U	0.34	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.47	U	0.47	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.39	U	0.39	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.68	U	0.68	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	1.4	U	1.4	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.51	U	0.51	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.52	U	0.52	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.68	U	0.68	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.42	U	0.42	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.42	U	0.42	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.21	U	0.21	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.39	U	0.39	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.36	U	0.36	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.86	U	0.86	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.89	U	0.89	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.98	U	0.98	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.382		15-120		55	SPK: -8
93951-69-0	Fluoranthene-d10	0.225		30-130		56	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.244		20-140		61	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5776		7.519			
1146-65-2	Naphthalene-d8	20977		10.288			
15067-26-2	Acenaphthene-d10	12481		14.174			



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Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	SBLK058	SDG No.:	BN072324
Lab Sample ID:	PB162058BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032938.D	1	7/15/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20324	16.94				
1719-03-5	Chrysene-d12	15454	21.168				
1520-96-3	Perylene-d12	16602	23.359				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg



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Hit Summary Sheet SW-846

SDG No.: BN072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4BX9DL								
P3178-01DL	A4BX9DL	Solid	Total Alkanes	*	0.000	D 6.6	40	ug/Kg
			Total Tics :			0.00		
P3178-01DL	A4BX9DL	Solid	1-Methylnaphthalene		17.000	JD 5.1	20	ug/Kg
P3178-01DL	A4BX9DL	Solid	2-Methylnaphthalene		21.000	D 2	20	ug/Kg
P3178-01DL	A4BX9DL	Solid	Acenaphthene		58.000	D 2.3	20	ug/Kg
P3178-01DL	A4BX9DL	Solid	Acenaphthylene		33.000	D 2.8	20	ug/Kg
P3178-01DL	A4BX9DL	Solid	Anthracene		150.000	D 3.1	20	ug/Kg
P3178-01DL	A4BX9DL	Solid	Benzo(a)anthracene		380.000	ED 2.5	20	ug/Kg
P3178-01DL	A4BX9DL	Solid	Benzo(a)pyrene		120.000	D 2.1	20	ug/Kg
P3178-01DL	A4BX9DL	Solid	Benzo(b)fluoranthene		410.000	ED 1.3	20	ug/Kg
P3178-01DL	A4BX9DL	Solid	Benzo(g,h,i)perylene		15.000	JD 5.8	20	ug/Kg
P3178-01DL	A4BX9DL	Solid	Benzo(k)fluoranthene		110.000	D 2.3	20	ug/Kg
P3178-01DL	A4BX9DL	Solid	Chrysene		250.000	D 2.5	20	ug/Kg
P3178-01DL	A4BX9DL	Solid	Dibenzo(a,h)anthracene		52.000	D 5.3	20	ug/Kg
P3178-01DL	A4BX9DL	Solid	Fluoranthene		700.000	ED 4.1	20	ug/Kg
P3178-01DL	A4BX9DL	Solid	Fluorene		51.000	D 4.1	20	ug/Kg
P3178-01DL	A4BX9DL	Solid	Indeno(1,2,3-cd)pyrene		99.000	D 5.1	20	ug/Kg
P3178-01DL	A4BX9DL	Solid	Naphthalene		36.000	D 2.2	20	ug/Kg
P3178-01DL	A4BX9DL	Solid	Phenanthrene		590.000	ED 3	20	ug/Kg
P3178-01DL	A4BX9DL	Solid	Pyrene		370.000	ED 3.1	20	ug/Kg
			Total Svoc :			3,462.00		
			Total Concentration:			3,462.00		
Client ID : A4BS8DL								
P3178-03DL	A4BS8DL	Solid	Total Alkanes	*	0.000	D 12	75	ug/Kg
			Total Tics :			0.00		
P3178-03DL	A4BS8DL	Solid	2-Methylnaphthalene		10.000	JD 3.8	37	ug/Kg
P3178-03DL	A4BS8DL	Solid	Acenaphthene		27.000	JD 4.4	37	ug/Kg
P3178-03DL	A4BS8DL	Solid	Acenaphthylene		14.000	JD 5.3	37	ug/Kg
P3178-03DL	A4BS8DL	Solid	Anthracene		66.000	D 5.8	37	ug/Kg
P3178-03DL	A4BS8DL	Solid	Benzo(a)anthracene		270.000	D 4.7	37	ug/Kg
P3178-03DL	A4BS8DL	Solid	Benzo(a)pyrene		88.000	D 4	37	ug/Kg
P3178-03DL	A4BS8DL	Solid	Benzo(b)fluoranthene		250.000	D 2.3	37	ug/Kg
P3178-03DL	A4BS8DL	Solid	Benzo(g,h,i)perylene		11.000	JD 11	37	ug/Kg
P3178-03DL	A4BS8DL	Solid	Benzo(k)fluoranthene		85.000	D 4.4	37	ug/Kg
P3178-03DL	A4BS8DL	Solid	Chrysene		170.000	D 4.7	37	ug/Kg
P3178-03DL	A4BS8DL	Solid	Dibenzo(a,h)anthracene		33.000	JD 9.9	37	ug/Kg
P3178-03DL	A4BS8DL	Solid	Fluoranthene		450.000	D 7.6	37	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3178-03DL	A4BS8DL	Solid	Fluorene	23.000	JD	7.6	37	ug/Kg
P3178-03DL	A4BS8DL	Solid	Indeno(1,2,3-cd)pyrene	69.000	D	9.6	37	ug/Kg
P3178-03DL	A4BS8DL	Solid	Naphthalene	16.000	JD	4.1	37	ug/Kg
P3178-03DL	A4BS8DL	Solid	Phenanthrene	370.000	D	5.7	37	ug/Kg
P3178-03DL	A4BS8DL	Solid	Pyrene	290.000	D	5.8	37	ug/Kg
Total Svoc :				2,242.00				
Total Concentration:				2,242.00				
Client ID :	A4BT1DL							
P3178-06DL	A4BT1DL	Solid	Total Alkanes	*	0.000	D 13	78	ug/Kg
Total Tics :				0.00				
P3178-06DL	A4BT1DL	Solid	Acenaphthene	8.900	JD	4.5	38	ug/Kg
P3178-06DL	A4BT1DL	Solid	Acenaphthylene	8.900	JD	5.5	38	ug/Kg
P3178-06DL	A4BT1DL	Solid	Anthracene	26.000	JD	6.1	38	ug/Kg
P3178-06DL	A4BT1DL	Solid	Benzo(a)anthracene	130.000	D	4.9	38	ug/Kg
P3178-06DL	A4BT1DL	Solid	Benzo(a)pyrene	45.000	D	4.2	38	ug/Kg
P3178-06DL	A4BT1DL	Solid	Benzo(b)fluoranthene	150.000	D	2.4	38	ug/Kg
P3178-06DL	A4BT1DL	Solid	Benzo(k)fluoranthene	49.000	D	4.5	38	ug/Kg
P3178-06DL	A4BT1DL	Solid	Chrysene	87.000	D	4.9	38	ug/Kg
P3178-06DL	A4BT1DL	Solid	Dibenzo(a,h)anthracene	19.000	JD	10	38	ug/Kg
P3178-06DL	A4BT1DL	Solid	Fluoranthene	220.000	D	7.9	38	ug/Kg
P3178-06DL	A4BT1DL	Solid	Fluorene	8.500	JD	7.9	38	ug/Kg
P3178-06DL	A4BT1DL	Solid	Indeno(1,2,3-cd)pyrene	42.000	D	10	38	ug/Kg
P3178-06DL	A4BT1DL	Solid	Phenanthrene	110.000	D	5.9	38	ug/Kg
P3178-06DL	A4BT1DL	Solid	Pyrene	130.000	D	6.1	38	ug/Kg
Total Svoc :				1,034.30				
Total Concentration:				1,034.30				
Client ID :	A4BT3DL							
P3178-08DL	A4BT3DL	Solid	Total Alkanes	*	0.000	D 7	43	ug/Kg
Total Tics :				0.00				
P3178-08DL	A4BT3DL	Solid	2-Methylnaphthalene	8.500	JD	2.2	21	ug/Kg
P3178-08DL	A4BT3DL	Solid	Acenaphthene	26.000	D	2.5	21	ug/Kg
P3178-08DL	A4BT3DL	Solid	Anthracene	39.000	D	3.3	21	ug/Kg
P3178-08DL	A4BT3DL	Solid	Benzo(a)anthracene	66.000	D	2.7	21	ug/Kg
P3178-08DL	A4BT3DL	Solid	Benzo(a)pyrene	53.000	D	2.3	21	ug/Kg
P3178-08DL	A4BT3DL	Solid	Benzo(b)fluoranthene	66.000	D	1.3	21	ug/Kg
P3178-08DL	A4BT3DL	Solid	Benzo(g,h,i)perylene	32.000	D	6.3	21	ug/Kg
P3178-08DL	A4BT3DL	Solid	Benzo(k)fluoranthene	19.000	JD	2.5	21	ug/Kg
P3178-08DL	A4BT3DL	Solid	Chrysene	45.000	D	2.7	21	ug/Kg
P3178-08DL	A4BT3DL	Solid	Dibenzo(a,h)anthracene	8.900	JD	5.7	21	ug/Kg
P3178-08DL	A4BT3DL	Solid	Fluoranthene	140.000	D	4.3	21	ug/Kg

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SDG No.: BN072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3178-08DL	A4BT3DL	Solid	Fluorene	22.000	D	4.3	21	ug/Kg
P3178-08DL	A4BT3DL	Solid	Indeno(1,2,3-cd)pyrene	27.000	D	5.5	21	ug/Kg
P3178-08DL	A4BT3DL	Solid	Naphthalene	16.000	JD	2.4	21	ug/Kg
P3178-08DL	A4BT3DL	Solid	Phenanthrene	180.000	D	3.3	21	ug/Kg
P3178-08DL	A4BT3DL	Solid	Pyrene	110.000	D	3.3	21	ug/Kg
Total Svoc :				858.40				
Total Concentration:				858.40				
Client ID : A4BT4DL								
P3178-09DL	A4BT4DL	Solid	Total Alkanes	*	0.000	D 11	66	ug/Kg
Total Tics :				0.00				
P3178-09DL	A4BT4DL	Solid	2-Methylnaphthalene	9.200	JD	3.4	33	ug/Kg
P3178-09DL	A4BT4DL	Solid	Acenaphthene	25.000	JD	3.8	33	ug/Kg
P3178-09DL	A4BT4DL	Solid	Acenaphthylene	34.000	D	4.6	33	ug/Kg
P3178-09DL	A4BT4DL	Solid	Anthracene	91.000	D	5.1	33	ug/Kg
P3178-09DL	A4BT4DL	Solid	Benzo(a)anthracene	390.000	D	4.1	33	ug/Kg
P3178-09DL	A4BT4DL	Solid	Benzo(a)pyrene	140.000	D	3.6	33	ug/Kg
P3178-09DL	A4BT4DL	Solid	Benzo(b)fluoranthene	450.000	D	2.1	33	ug/Kg
P3178-09DL	A4BT4DL	Solid	Benzo(g,h,i)perylene	18.000	JD	9.7	33	ug/Kg
P3178-09DL	A4BT4DL	Solid	Benzo(k)fluoranthene	130.000	D	3.8	33	ug/Kg
P3178-09DL	A4BT4DL	Solid	Chrysene	260.000	D	4.1	33	ug/Kg
P3178-09DL	A4BT4DL	Solid	Dibenzo(a,h)anthracene	60.000	D	8.8	33	ug/Kg
P3178-09DL	A4BT4DL	Solid	Fluoranthene	660.000	ED	6.7	33	ug/Kg
P3178-09DL	A4BT4DL	Solid	Fluorene	21.000	JD	6.7	33	ug/Kg
P3178-09DL	A4BT4DL	Solid	Indeno(1,2,3-cd)pyrene	120.000	D	8.5	33	ug/Kg
P3178-09DL	A4BT4DL	Solid	Naphthalene	19.000	JD	3.6	33	ug/Kg
P3178-09DL	A4BT4DL	Solid	Phenanthrene	360.000	D	5	33	ug/Kg
P3178-09DL	A4BT4DL	Solid	Pyrene	380.000	D	5.1	33	ug/Kg
Total Svoc :				3,167.20				
Total Concentration:				3,167.20				
Client ID : A4BT6DL								
P3178-11DL	A4BT6DL	Solid	Total Alkanes	*	0.000	D 11	65	ug/Kg
Total Tics :				0.00				
P3178-11DL	A4BT6DL	Solid	Acenaphthylene	11.000	JD	4.6	32	ug/Kg
P3178-11DL	A4BT6DL	Solid	Anthracene	23.000	JD	5.1	32	ug/Kg
P3178-11DL	A4BT6DL	Solid	Benzo(a)anthracene	95.000	D	4.1	32	ug/Kg
P3178-11DL	A4BT6DL	Solid	Benzo(a)pyrene	34.000	D	3.5	32	ug/Kg
P3178-11DL	A4BT6DL	Solid	Benzo(b)fluoranthene	100.000	D	2	32	ug/Kg
P3178-11DL	A4BT6DL	Solid	Benzo(k)fluoranthene	37.000	D	3.8	32	ug/Kg
P3178-11DL	A4BT6DL	Solid	Chrysene	68.000	D	4.1	32	ug/Kg
P3178-11DL	A4BT6DL	Solid	Dibenzo(a,h)anthracene	15.000	JD	8.7	32	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3178-11DL	A4BT6DL	Solid	Fluoranthene	160.000	D	6.6	32	ug/Kg
P3178-11DL	A4BT6DL	Solid	Indeno(1,2,3-cd)pyrene	29.000	JD	8.4	32	ug/Kg
P3178-11DL	A4BT6DL	Solid	Naphthalene	8.400	JD	3.6	32	ug/Kg
P3178-11DL	A4BT6DL	Solid	Phenanthrene	94.000	D	5	32	ug/Kg
P3178-11DL	A4BT6DL	Solid	Pyrene	97.000	D	5.1	32	ug/Kg
Total Svoc :				771.40				
Total Concentration:				771.40				
Client ID : A4BT8DL								
P3178-13DL	A4BT8DL	Solid	Total Alkanes	*	0.000	D 13	79	ug/Kg
Total Tics :				0.00				
P3178-13DL	A4BT8DL	Solid	Acenaphthene	9.500	JD	4.6	39	ug/Kg
P3178-13DL	A4BT8DL	Solid	Acenaphthylene	9.100	JD	5.6	39	ug/Kg
P3178-13DL	A4BT8DL	Solid	Anthracene	27.000	JD	6.2	39	ug/Kg
P3178-13DL	A4BT8DL	Solid	Benzo(a)anthracene	150.000	D	5	39	ug/Kg
P3178-13DL	A4BT8DL	Solid	Benzo(a)pyrene	55.000	D	4.3	39	ug/Kg
P3178-13DL	A4BT8DL	Solid	Benzo(b)fluoranthene	200.000	D	2.5	39	ug/Kg
P3178-13DL	A4BT8DL	Solid	Benzo(k)fluoranthene	57.000	D	4.6	39	ug/Kg
P3178-13DL	A4BT8DL	Solid	Chrysene	110.000	D	5	39	ug/Kg
P3178-13DL	A4BT8DL	Solid	Dibenzo(a,h)anthracene	25.000	JD	11	39	ug/Kg
P3178-13DL	A4BT8DL	Solid	Fluoranthene	250.000	D	8.1	39	ug/Kg
P3178-13DL	A4BT8DL	Solid	Fluorene	8.700	JD	8.1	39	ug/Kg
P3178-13DL	A4BT8DL	Solid	Indeno(1,2,3-cd)pyrene	54.000	D	10	39	ug/Kg
P3178-13DL	A4BT8DL	Solid	Phenanthrene	130.000	D	6	39	ug/Kg
P3178-13DL	A4BT8DL	Solid	Pyrene	140.000	D	6.2	39	ug/Kg
Total Svoc :				1,225.30				
Total Concentration:				1,225.30				
Client ID : A4BY5DL								
P3178-17DL	A4BY5DL	Solid	Total Alkanes	*	0.000	D 6.8	42	ug/Kg
Total Tics :				0.00				
P3178-17DL	A4BY5DL	Solid	1-Methylnaphthalene	41.000	D	5.3	21	ug/Kg
P3178-17DL	A4BY5DL	Solid	2-Methylnaphthalene	51.000	D	2.1	21	ug/Kg
P3178-17DL	A4BY5DL	Solid	Acenaphthene	120.000	D	2.4	21	ug/Kg
P3178-17DL	A4BY5DL	Solid	Acenaphthylene	20.000	JD	2.9	21	ug/Kg
P3178-17DL	A4BY5DL	Solid	Anthracene	330.000	D	3.2	21	ug/Kg
P3178-17DL	A4BY5DL	Solid	Benzo(a)anthracene	530.000	ED	2.6	21	ug/Kg
P3178-17DL	A4BY5DL	Solid	Benzo(a)pyrene	360.000	ED	2.2	21	ug/Kg
P3178-17DL	A4BY5DL	Solid	Benzo(b)fluoranthene	410.000	ED	1.3	21	ug/Kg
P3178-17DL	A4BY5DL	Solid	Benzo(g,h,i)perylene	190.000	D	6.1	21	ug/Kg
P3178-17DL	A4BY5DL	Solid	Benzo(k)fluoranthene	120.000	D	2.4	21	ug/Kg
P3178-17DL	A4BY5DL	Solid	Chrysene	330.000	D	2.6	21	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3178-17DL	A4BY5DL	Solid	Dibenzo(a,h)anthracene	53.000	D	5.5	21	ug/Kg
P3178-17DL	A4BY5DL	Solid	Fluoranthene	1,100.000	ED	4.2	21	ug/Kg
P3178-17DL	A4BY5DL	Solid	Fluorene	100.000	D	4.2	21	ug/Kg
P3178-17DL	A4BY5DL	Solid	Indeno(1,2,3-cd)pyrene	170.000	D	5.4	21	ug/Kg
P3178-17DL	A4BY5DL	Solid	Naphthalene	100.000	D	2.3	21	ug/Kg
P3178-17DL	A4BY5DL	Solid	Phenanthrene	1,300.000	ED	3.2	21	ug/Kg
P3178-17DL	A4BY5DL	Solid	Pyrene	960.000	ED	3.2	21	ug/Kg
Total Svoc :				6,285.00				
Total Concentration:				6,285.00				

Client ID : A4BD3

P3215-01	A4BD3	Solid	Total Alkanes	*	0.000	1.2	7.5	ug/Kg
Total Tics :				0.00				
P3215-01	A4BD3	Solid	1-Methylnaphthalene		1.800	J	0.96	ug/Kg
P3215-01	A4BD3	Solid	2-Methylnaphthalene		1.900	J	0.38	ug/Kg
P3215-01	A4BD3	Solid	Acenaphthene		6.500		0.44	ug/Kg
P3215-01	A4BD3	Solid	Acenaphthylene		8.200		0.53	ug/Kg
P3215-01	A4BD3	Solid	Anthracene		34.000		0.59	ug/Kg
P3215-01	A4BD3	Solid	Benzo(a)anthracene		140.000	E	0.47	ug/Kg
P3215-01	A4BD3	Solid	Benzo(a)pyrene		54.000		0.41	ug/Kg
P3215-01	A4BD3	Solid	Benzo(b)fluoranthene		170.000	E	0.24	ug/Kg
P3215-01	A4BD3	Solid	Benzo(g,h,i)perylene		7.400		1.1	ug/Kg
P3215-01	A4BD3	Solid	Benzo(k)fluoranthene		55.000		0.44	ug/Kg
P3215-01	A4BD3	Solid	Chrysene		100.000	E	0.47	ug/Kg
P3215-01	A4BD3	Solid	Dibenzo(a,h)anthracene		23.000		1	ug/Kg
P3215-01	A4BD3	Solid	Fluoranthene		260.000	E	0.77	ug/Kg
P3215-01	A4BD3	Solid	Fluorene		7.000		0.77	ug/Kg
P3215-01	A4BD3	Solid	Indeno(1,2,3-cd)pyrene		44.000		0.97	ug/Kg
P3215-01	A4BD3	Solid	Naphthalene		2.600	J	0.42	ug/Kg
P3215-01	A4BD3	Solid	Phenanthrene		140.000	E	0.57	ug/Kg
P3215-01	A4BD3	Solid	Pyrene		140.000	E	0.59	ug/Kg
Total Svoc :				1,195.40				
Total Concentration:				1,195.40				

Client ID : A4BD4

P3215-02	A4BD4	Solid	Total Alkanes	*	0.000	1.2	7.6	ug/Kg
Total Tics :				0.00				
P3215-02	A4BD4	Solid	Benzo(a)anthracene		0.940	J	0.48	ug/Kg
P3215-02	A4BD4	Solid	Benzo(b)fluoranthene		1.600	J	0.24	ug/Kg
P3215-02	A4BD4	Solid	Chrysene		0.790	J	0.48	ug/Kg
P3215-02	A4BD4	Solid	Fluoranthene		2.300	J	0.77	ug/Kg
P3215-02	A4BD4	Solid	Phenanthrene		0.940	J	0.58	ug/Kg

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SDG No.: BN072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3215-02	A4BD4	Solid	Pyrene	1.800	J	0.59	3.7	ug/Kg
Total Svoc :				8.37				
Total Concentration:				8.37				
Client ID : A4C08								
P3215-05	A4C08	Solid	Total Alkanes	*	0.000	1.2	7.5	ug/Kg
Total Tics :				0.00				
P3215-05	A4C08	Solid	1-Methylnaphthalene	44.000		0.95	3.7	ug/Kg
P3215-05	A4C08	Solid	2-Methylnaphthalene	53.000		0.38	3.7	ug/Kg
P3215-05	A4C08	Solid	Acenaphthene	160.000	E	0.44	3.7	ug/Kg
P3215-05	A4C08	Solid	Acenaphthylene	110.000	E	0.53	3.7	ug/Kg
P3215-05	A4C08	Solid	Anthracene	380.000	E	0.58	3.7	ug/Kg
P3215-05	A4C08	Solid	Benzo(a)anthracene	1,500.000	E	0.47	3.7	ug/Kg
P3215-05	A4C08	Solid	Benzo(a)pyrene	380.000	E	0.4	3.7	ug/Kg
P3215-05	A4C08	Solid	Benzo(b)fluoranthene	1,100.000	E	0.24	3.7	ug/Kg
P3215-05	A4C08	Solid	Benzo(g,h,i)perylene	45.000		1.1	3.7	ug/Kg
P3215-05	A4C08	Solid	Benzo(k)fluoranthene	350.000	E	0.44	3.7	ug/Kg
P3215-05	A4C08	Solid	Chrysene	1,100.000	E	0.47	3.7	ug/Kg
P3215-05	A4C08	Solid	Dibenzo(a,h)anthracene	180.000	E	1	3.7	ug/Kg
P3215-05	A4C08	Solid	Fluoranthene	2,700.000	E	0.76	3.7	ug/Kg
P3215-05	A4C08	Solid	Fluorene	150.000	E	0.76	3.7	ug/Kg
P3215-05	A4C08	Solid	Indeno(1,2,3-cd)pyrene	290.000	E	0.97	3.7	ug/Kg
P3215-05	A4C08	Solid	Naphthalene	78.000	E	0.42	3.7	ug/Kg
P3215-05	A4C08	Solid	Pentachlorophenol	3.100	J	1.6	7.5	ug/Kg
P3215-05	A4C08	Solid	Phenanthrene	1,400.000	E	0.57	3.7	ug/Kg
P3215-05	A4C08	Solid	Pyrene	1,600.000	E	0.58	3.7	ug/Kg
Total Svoc :				11,623.10				
Total Concentration:				11,623.10				
Client ID : A4C12								
P3215-07	A4C12	Solid	Total Alkanes	*	0.000	1.2	7.4	ug/Kg
Total Tics :				0.00				
P3215-07	A4C12	Solid	1-Methylnaphthalene	51.000		0.94	3.7	ug/Kg
P3215-07	A4C12	Solid	2-Methylnaphthalene	59.000	E	0.38	3.7	ug/Kg
P3215-07	A4C12	Solid	Acenaphthene	150.000	E	0.43	3.7	ug/Kg
P3215-07	A4C12	Solid	Acenaphthylene	82.000	E	0.52	3.7	ug/Kg
P3215-07	A4C12	Solid	Anthracene	300.000	E	0.58	3.7	ug/Kg
P3215-07	A4C12	Solid	Benzo(a)anthracene	1,100.000	E	0.47	3.7	ug/Kg
P3215-07	A4C12	Solid	Benzo(a)pyrene	270.000	E	0.4	3.7	ug/Kg
P3215-07	A4C12	Solid	Benzo(b)fluoranthene	830.000	E	0.23	3.7	ug/Kg
P3215-07	A4C12	Solid	Benzo(g,h,i)perylene	30.000		1.1	3.7	ug/Kg
P3215-07	A4C12	Solid	Benzo(k)fluoranthene	230.000	E	0.43	3.7	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3215-07	A4C12	Solid	Chrysene	730.000	E	0.47	3.7	ug/Kg
P3215-07	A4C12	Solid	Dibenzo(a,h)anthracene	130.000	E	0.99	3.7	ug/Kg
P3215-07	A4C12	Solid	Fluoranthene	1,700.000	E	0.75	3.7	ug/Kg
P3215-07	A4C12	Solid	Fluorene	140.000	E	0.75	3.7	ug/Kg
P3215-07	A4C12	Solid	Indeno(1,2,3-cd)pyrene	200.000	E	0.95	3.7	ug/Kg
P3215-07	A4C12	Solid	Naphthalene	80.000	E	0.41	3.7	ug/Kg
P3215-07	A4C12	Solid	Pentachlorophenol	2.600	J	1.6	7.4	ug/Kg
P3215-07	A4C12	Solid	Phenanthrene	1,100.000	E	0.57	3.7	ug/Kg
P3215-07	A4C12	Solid	Pyrene	1,000.000	E	0.58	3.7	ug/Kg
Total Svoc :				8,184.60				
Total Concentration:				8,184.60				
Client ID :	A4D23DL							
P3215-08DL	A4D23DL	Solid	Total Alkanes	*	0.000	D 18	110	ug/Kg
Total Tics :				0.00				
P3215-08DL	A4D23DL	Solid	Acenaphthylene	33.000	JD	7.5	53	ug/Kg
P3215-08DL	A4D23DL	Solid	Anthracene	35.000	JD	8.3	53	ug/Kg
P3215-08DL	A4D23DL	Solid	Benzo(a)anthracene	130.000	D	6.7	53	ug/Kg
P3215-08DL	A4D23DL	Solid	Benzo(a)pyrene	140.000	D	5.8	53	ug/Kg
P3215-08DL	A4D23DL	Solid	Benzo(b)fluoranthene	200.000	D	3.4	53	ug/Kg
P3215-08DL	A4D23DL	Solid	Benzo(g,h,i)perylene	100.000	D	16	53	ug/Kg
P3215-08DL	A4D23DL	Solid	Benzo(k)fluoranthene	51.000	JD	6.3	53	ug/Kg
P3215-08DL	A4D23DL	Solid	Chrysene	120.000	D	6.7	53	ug/Kg
P3215-08DL	A4D23DL	Solid	Dibenzo(a,h)anthracene	27.000	JD	14	53	ug/Kg
P3215-08DL	A4D23DL	Solid	Fluoranthene	240.000	D	11	53	ug/Kg
P3215-08DL	A4D23DL	Solid	Fluorene	12.000	JD	11	53	ug/Kg
P3215-08DL	A4D23DL	Solid	Indeno(1,2,3-cd)pyrene	85.000	D	14	53	ug/Kg
P3215-08DL	A4D23DL	Solid	Naphthalene	14.000	JD	5.9	53	ug/Kg
P3215-08DL	A4D23DL	Solid	Phenanthrene	110.000	D	8.2	53	ug/Kg
P3215-08DL	A4D23DL	Solid	Pyrene	210.000	D	8.3	53	ug/Kg
Total Svoc :				1,507.00				
Total Concentration:				1,507.00				
Client ID :	A4D25DL							
P3215-12DL	A4D25DL	Solid	Total Alkanes	*	0.000	D 14	88	ug/Kg
Total Tics :				0.00				
P3215-12DL	A4D25DL	Solid	1-Methylnaphthalene	14.000	JD	11	43	ug/Kg
P3215-12DL	A4D25DL	Solid	2-Methylnaphthalene	26.000	JD	4.5	43	ug/Kg
P3215-12DL	A4D25DL	Solid	Acenaphthene	39.000	JD	5.1	43	ug/Kg
P3215-12DL	A4D25DL	Solid	Acenaphthylene	110.000	D	6.2	43	ug/Kg
P3215-12DL	A4D25DL	Solid	Anthracene	140.000	D	6.8	43	ug/Kg
P3215-12DL	A4D25DL	Solid	Benzo(a)anthracene	510.000	D	5.5	43	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3215-12DL	A4D25DL	Solid	Benzo(a)pyrene	390.000	D	4.7	43	ug/Kg
P3215-12DL	A4D25DL	Solid	Benzo(b)fluoranthene	500.000	D	2.8	43	ug/Kg
P3215-12DL	A4D25DL	Solid	Benzo(g,h,i)perylene	250.000	D	13	43	ug/Kg
P3215-12DL	A4D25DL	Solid	Benzo(k)fluoranthene	140.000	D	5.1	43	ug/Kg
P3215-12DL	A4D25DL	Solid	Chrysene	440.000	D	5.5	43	ug/Kg
P3215-12DL	A4D25DL	Solid	Dibenzo(a,h)anthracene	69.000	D	12	43	ug/Kg
P3215-12DL	A4D25DL	Solid	Fluoranthene	970.000	ED	8.9	43	ug/Kg
P3215-12DL	A4D25DL	Solid	Fluorene	58.000	D	8.9	43	ug/Kg
P3215-12DL	A4D25DL	Solid	Indeno(1,2,3-cd)pyrene	220.000	D	11	43	ug/Kg
P3215-12DL	A4D25DL	Solid	Naphthalene	58.000	D	4.9	43	ug/Kg
P3215-12DL	A4D25DL	Solid	Phenanthrene	290.000	D	6.7	43	ug/Kg
P3215-12DL	A4D25DL	Solid	Pyrene	870.000	ED	6.8	43	ug/Kg
Total Svoc :				5,094.00				
Total Concentration:				5,094.00				

Client ID : A4D31

P3215-14	A4D31	Solid	Total Alkanes	*	0.000	1.2	7.4	ug/Kg
Total Tics :				0.00				
P3215-14	A4D31	Solid	1-Methylnaphthalene		88.000	E 0.93	3.6	ug/Kg
P3215-14	A4D31	Solid	2-Methylnaphthalene		97.000	E 0.37	3.6	ug/Kg
P3215-14	A4D31	Solid	Acenaphthene		20.000	0.43	3.6	ug/Kg
P3215-14	A4D31	Solid	Acenaphthylene		88.000	E 0.52	3.6	ug/Kg
P3215-14	A4D31	Solid	Anthracene		120.000	E 0.57	3.6	ug/Kg
P3215-14	A4D31	Solid	Benzo(a)anthracene		520.000	E 0.46	3.6	ug/Kg
P3215-14	A4D31	Solid	Benzo(a)pyrene		150.000	E 0.4	3.6	ug/Kg
P3215-14	A4D31	Solid	Benzo(b)fluoranthene		540.000	E 0.23	3.6	ug/Kg
P3215-14	A4D31	Solid	Benzo(g,h,i)perylene		22.000	1.1	3.6	ug/Kg
P3215-14	A4D31	Solid	Benzo(k)fluoranthene		160.000	E 0.43	3.6	ug/Kg
P3215-14	A4D31	Solid	Chrysene		450.000	E 0.46	3.6	ug/Kg
P3215-14	A4D31	Solid	Dibenzo(a,h)anthracene		87.000	E 0.98	3.6	ug/Kg
P3215-14	A4D31	Solid	Fluoranthene		890.000	E 0.75	3.6	ug/Kg
P3215-14	A4D31	Solid	Fluorene		22.000	0.75	3.6	ug/Kg
P3215-14	A4D31	Solid	Indeno(1,2,3-cd)pyrene		130.000	E 0.95	3.6	ug/Kg
P3215-14	A4D31	Solid	Naphthalene		69.000	E 0.41	3.6	ug/Kg
P3215-14	A4D31	Solid	Phenanthrene		490.000	E 0.56	3.6	ug/Kg
P3215-14	A4D31	Solid	Pyrene		490.000	E 0.57	3.6	ug/Kg
Total Svoc :				4,433.00				
Total Concentration:				4,433.00				

Client ID : A4D43

P3215-15	A4D43	Solid	Total Alkanes	*	0.000	1.5	8.9	ug/Kg
Total Tics :				0.00				

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SDG No.: BN072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3215-15	A4D43	Solid	1-Methylnaphthalene	28.000		1.1	4.4	ug/Kg
P3215-15	A4D43	Solid	2-Methylnaphthalene	41.000		0.45	4.4	ug/Kg
P3215-15	A4D43	Solid	Acenaphthene	46.000		0.52	4.4	ug/Kg
P3215-15	A4D43	Solid	Acenaphthylene	230.000	E	0.62	4.4	ug/Kg
P3215-15	A4D43	Solid	Anthracene	260.000	E	0.69	4.4	ug/Kg
P3215-15	A4D43	Solid	Benzo(a)anthracene	990.000	E	0.56	4.4	ug/Kg
P3215-15	A4D43	Solid	Benzo(a)pyrene	320.000	E	0.48	4.4	ug/Kg
P3215-15	A4D43	Solid	Benzo(b)fluoranthene	1,200.000	E	0.28	4.4	ug/Kg
P3215-15	A4D43	Solid	Benzo(g,h,i)perylene	48.000		1.3	4.4	ug/Kg
P3215-15	A4D43	Solid	Benzo(k)fluoranthene	310.000	E	0.52	4.4	ug/Kg
P3215-15	A4D43	Solid	Chrysene	850.000	E	0.56	4.4	ug/Kg
P3215-15	A4D43	Solid	Dibenzo(a,h)anthracene	180.000	E	1.2	4.4	ug/Kg
P3215-15	A4D43	Solid	Fluoranthene	1,800.000	E	0.9	4.4	ug/Kg
P3215-15	A4D43	Solid	Fluorene	58.000		0.9	4.4	ug/Kg
P3215-15	A4D43	Solid	Indeno(1,2,3-cd)pyrene	300.000	E	1.1	4.4	ug/Kg
P3215-15	A4D43	Solid	Naphthalene	57.000		0.49	4.4	ug/Kg
P3215-15	A4D43	Solid	Pentachlorophenol	19.000		1.9	8.9	ug/Kg
P3215-15	A4D43	Solid	Phenanthrene	760.000	E	0.67	4.4	ug/Kg
P3215-15	A4D43	Solid	Pyrene	1,100.000	E	0.69	4.4	ug/Kg

Total Svoc : 8,597.00

Total Concentration: 8,597.00

Client ID : A4D44

P3215-16	A4D44	Solid	Total Alkanes	*	0.000	1.3	8.2	ug/Kg
Total Tics :					0.00			
P3215-16	A4D44	Solid	1-Methylnaphthalene		30.000	1	4	ug/Kg
P3215-16	A4D44	Solid	2-Methylnaphthalene		52.000	0.41	4	ug/Kg
P3215-16	A4D44	Solid	Acenaphthene		50.000	0.48	4	ug/Kg
P3215-16	A4D44	Solid	Acenaphthylene		210.000	E 0.57	4	ug/Kg
P3215-16	A4D44	Solid	Anthracene		280.000	E 0.63	4	ug/Kg
P3215-16	A4D44	Solid	Benzo(a)anthracene		910.000	E 0.51	4	ug/Kg
P3215-16	A4D44	Solid	Benzo(a)pyrene		370.000	E 0.44	4	ug/Kg
P3215-16	A4D44	Solid	Benzo(b)fluoranthene		940.000	E 0.26	4	ug/Kg
P3215-16	A4D44	Solid	Benzo(g,h,i)perylene		62.000	1.2	4	ug/Kg
P3215-16	A4D44	Solid	Benzo(k)fluoranthene		630.000	E 0.48	4	ug/Kg
P3215-16	A4D44	Solid	Chrysene		780.000	E 0.51	4	ug/Kg
P3215-16	A4D44	Solid	Dibenzo(a,h)anthracene		180.000	E 1.1	4	ug/Kg
P3215-16	A4D44	Solid	Fluoranthene		2,200.000	E 0.83	4	ug/Kg
P3215-16	A4D44	Solid	Fluorene		57.000	0.83	4	ug/Kg
P3215-16	A4D44	Solid	Indeno(1,2,3-cd)pyrene		410.000	E 1	4	ug/Kg
P3215-16	A4D44	Solid	Naphthalene		60.000	0.45	4	ug/Kg

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SDG No.: BN072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3215-16	A4D44	Solid	Pentachlorophenol	29.000		1.7	8.2	ug/Kg
P3215-16	A4D44	Solid	Phenanthrene	710.000	E	0.62	4	ug/Kg
P3215-16	A4D44	Solid	Pyrene	1,100.000	E	0.63	4	ug/Kg
Total Svoc :				9,060.00				
Total Concentration:				9,060.00				
Client ID : A4CJ5								
P3215-20	A4CJ5	Solid	Total Alkanes	*	0.000	1.7	10	ug/Kg
Total Tics :				0.00				
P3215-20	A4CJ5	Solid	1-Methylnaphthalene	2.700	J	1.3	5.1	ug/Kg
P3215-20	A4CJ5	Solid	2-Methylnaphthalene	4.100	J	0.52	5.1	ug/Kg
P3215-20	A4CJ5	Solid	Acenaphthene	9.900		0.6	5.1	ug/Kg
P3215-20	A4CJ5	Solid	Acenaphthylene	15.000		0.73	5.1	ug/Kg
P3215-20	A4CJ5	Solid	Anthracene	55.000		0.8	5.1	ug/Kg
P3215-20	A4CJ5	Solid	Benzo(a)anthracene	210.000	E	0.65	5.1	ug/Kg
P3215-20	A4CJ5	Solid	Benzo(a)pyrene	110.000	E	0.56	5.1	ug/Kg
P3215-20	A4CJ5	Solid	Benzo(b)fluoranthene	250.000	E	0.32	5.1	ug/Kg
P3215-20	A4CJ5	Solid	Benzo(g,h,i)perylene	13.000		1.5	5.1	ug/Kg
P3215-20	A4CJ5	Solid	Benzo(k)fluoranthene	67.000		0.6	5.1	ug/Kg
P3215-20	A4CJ5	Solid	Chrysene	160.000	E	0.65	5.1	ug/Kg
P3215-20	A4CJ5	Solid	Dibenzo(a,h)anthracene	33.000		1.4	5.1	ug/Kg
P3215-20	A4CJ5	Solid	Fluoranthene	420.000	E	1	5.1	ug/Kg
P3215-20	A4CJ5	Solid	Fluorene	14.000		1	5.1	ug/Kg
P3215-20	A4CJ5	Solid	Indeno(1,2,3-cd)pyrene	79.000		1.3	5.1	ug/Kg
P3215-20	A4CJ5	Solid	Naphthalene	7.900		0.57	5.1	ug/Kg
P3215-20	A4CJ5	Solid	Phenanthrene	260.000	E	0.79	5.1	ug/Kg
P3215-20	A4CJ5	Solid	Pyrene	270.000	E	0.8	5.1	ug/Kg
Total Svoc :				1,980.60				
Total Concentration:				1,980.60				
Client ID : A4CJ7								
P3215-22	A4CJ7	Solid	Total Alkanes	*	0.000	1.5	9.2	ug/Kg
Total Tics :				0.00				
P3215-22	A4CJ7	Solid	1-Methylnaphthalene	3.600	J	1.2	4.5	ug/Kg
P3215-22	A4CJ7	Solid	2-Methylnaphthalene	5.500		0.47	4.5	ug/Kg
P3215-22	A4CJ7	Solid	Acenaphthene	9.200		0.53	4.5	ug/Kg
P3215-22	A4CJ7	Solid	Acenaphthylene	9.900		0.64	4.5	ug/Kg
P3215-22	A4CJ7	Solid	Anthracene	22.000		0.71	4.5	ug/Kg
P3215-22	A4CJ7	Solid	Benzo(a)anthracene	95.000	E	0.58	4.5	ug/Kg
P3215-22	A4CJ7	Solid	Benzo(a)pyrene	89.000	E	0.49	4.5	ug/Kg
P3215-22	A4CJ7	Solid	Benzo(b)fluoranthene	110.000	E	0.29	4.5	ug/Kg
P3215-22	A4CJ7	Solid	Benzo(g,h,i)perylene	57.000		1.3	4.5	ug/Kg

Hit Summary Sheet
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SDG No.: BN072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3215-22	A4CJ7	Solid	Benzo(k)fluoranthene	30.000		0.53	4.5	ug/Kg
P3215-22	A4CJ7	Solid	Chrysene	72.000		0.58	4.5	ug/Kg
P3215-22	A4CJ7	Solid	Dibenzo(a,h)anthracene	14.000		1.2	4.5	ug/Kg
P3215-22	A4CJ7	Solid	Fluoranthene	170.000	E	0.93	4.5	ug/Kg
P3215-22	A4CJ7	Solid	Fluorene	11.000		0.93	4.5	ug/Kg
P3215-22	A4CJ7	Solid	Indeno(1,2,3-cd)pyrene	45.000		1.2	4.5	ug/Kg
P3215-22	A4CJ7	Solid	Naphthalene	7.700		0.51	4.5	ug/Kg
P3215-22	A4CJ7	Solid	Phenanthrene	84.000	E	0.7	4.5	ug/Kg
P3215-22	A4CJ7	Solid	Pyrene	150.000	E	0.71	4.5	ug/Kg
Total Svoc :				984.90				
Total Concentration:				984.90				
Client ID :	A4BE8DL							
P3238-05DL	A4BE8DL	Solid	Total Alkanes	*	0.000	D 7	42	ug/Kg
Total Tics :				0.00				
P3238-05DL	A4BE8DL	Solid	Acenaphthene	4.600	JD	2.5	21	ug/Kg
P3238-05DL	A4BE8DL	Solid	Anthracene	11.000	JD	3.3	21	ug/Kg
P3238-05DL	A4BE8DL	Solid	Benzo(a)anthracene	25.000	D	2.7	21	ug/Kg
P3238-05DL	A4BE8DL	Solid	Benzo(a)pyrene	21.000	D	2.3	21	ug/Kg
P3238-05DL	A4BE8DL	Solid	Benzo(b)fluoranthene	25.000	D	1.3	21	ug/Kg
P3238-05DL	A4BE8DL	Solid	Benzo(g,h,i)perylene	13.000	JD	6.2	21	ug/Kg
P3238-05DL	A4BE8DL	Solid	Benzo(k)fluoranthene	8.200	JD	2.5	21	ug/Kg
P3238-05DL	A4BE8DL	Solid	Chrysene	16.000	JD	2.7	21	ug/Kg
P3238-05DL	A4BE8DL	Solid	Fluoranthene	47.000	D	4.3	21	ug/Kg
P3238-05DL	A4BE8DL	Solid	Indeno(1,2,3-cd)pyrene	11.000	JD	5.5	21	ug/Kg
P3238-05DL	A4BE8DL	Solid	Phenanthrene	36.000	D	3.2	21	ug/Kg
P3238-05DL	A4BE8DL	Solid	Pyrene	39.000	D	3.3	21	ug/Kg
Total Svoc :				256.80				
Total Concentration:				256.80				
Client ID :	A4BE9DL							
P3238-06DL	A4BE9DL	Solid	Total Alkanes	*	0.000	D 7.7	47	ug/Kg
Total Tics :				0.00				
P3238-06DL	A4BE9DL	Solid	1-Methylnaphthalene	10.000	JD	6	23	ug/Kg
P3238-06DL	A4BE9DL	Solid	2-Methylnaphthalene	14.000	JD	2.4	23	ug/Kg
P3238-06DL	A4BE9DL	Solid	Acenaphthene	62.000	D	2.7	23	ug/Kg
P3238-06DL	A4BE9DL	Solid	Acenaphthylene	20.000	JD	3.3	23	ug/Kg
P3238-06DL	A4BE9DL	Solid	Anthracene	150.000	D	3.7	23	ug/Kg
P3238-06DL	A4BE9DL	Solid	Benzo(a)anthracene	460.000	ED	3	23	ug/Kg
P3238-06DL	A4BE9DL	Solid	Benzo(a)pyrene	220.000	D	2.5	23	ug/Kg
P3238-06DL	A4BE9DL	Solid	Benzo(b)fluoranthene	480.000	ED	1.5	23	ug/Kg
P3238-06DL	A4BE9DL	Solid	Benzo(g,h,i)perylene	26.000	D	6.9	23	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-06DL	A4BE9DL	Solid	Benzo(k)fluoranthene	140.000	D	2.7	23	ug/Kg
P3238-06DL	A4BE9DL	Solid	Chrysene	310.000	D	3	23	ug/Kg
P3238-06DL	A4BE9DL	Solid	Dibenzo(a,h)anthracene	61.000	D	6.3	23	ug/Kg
P3238-06DL	A4BE9DL	Solid	Fluoranthene	950.000	ED	4.8	23	ug/Kg
P3238-06DL	A4BE9DL	Solid	Fluorene	54.000	D	4.8	23	ug/Kg
P3238-06DL	A4BE9DL	Solid	Indeno(1,2,3-cd)pyrene	150.000	D	6.1	23	ug/Kg
P3238-06DL	A4BE9DL	Solid	Naphthalene	27.000	D	2.6	23	ug/Kg
P3238-06DL	A4BE9DL	Solid	Phenanthrene	730.000	ED	3.6	23	ug/Kg
P3238-06DL	A4BE9DL	Solid	Pyrene	630.000	ED	3.7	23	ug/Kg
Total Svoc :				4,494.00				
Total Concentration:				4,494.00				
Client ID :	A4BF0DL							
P3238-07DL	A4BF0DL	Solid	Total Alkanes	*	0.000	D 9.5	58	ug/Kg
Total Tics :				0.00				
P3238-07DL	A4BF0DL	Solid	1-Methylnaphthalene	9.800	JD	7.3	28	ug/Kg
P3238-07DL	A4BF0DL	Solid	2-Methylnaphthalene	16.000	JD	2.9	28	ug/Kg
P3238-07DL	A4BF0DL	Solid	Acenaphthene	47.000	D	3.4	28	ug/Kg
P3238-07DL	A4BF0DL	Solid	Acenaphthylene	10.000	JD	4.1	28	ug/Kg
P3238-07DL	A4BF0DL	Solid	Anthracene	87.000	D	4.5	28	ug/Kg
P3238-07DL	A4BF0DL	Solid	Benzo(a)anthracene	200.000	D	3.6	28	ug/Kg
P3238-07DL	A4BF0DL	Solid	Benzo(a)pyrene	160.000	D	3.1	28	ug/Kg
P3238-07DL	A4BF0DL	Solid	Benzo(b)fluoranthene	190.000	D	1.8	28	ug/Kg
P3238-07DL	A4BF0DL	Solid	Benzo(g,h,i)perylene	92.000	D	8.5	28	ug/Kg
P3238-07DL	A4BF0DL	Solid	Benzo(k)fluoranthene	62.000	D	3.4	28	ug/Kg
P3238-07DL	A4BF0DL	Solid	Chrysene	120.000	D	3.6	28	ug/Kg
P3238-07DL	A4BF0DL	Solid	Dibenzo(a,h)anthracene	26.000	JD	7.7	28	ug/Kg
P3238-07DL	A4BF0DL	Solid	Fluoranthene	380.000	D	5.9	28	ug/Kg
P3238-07DL	A4BF0DL	Solid	Fluorene	42.000	D	5.9	28	ug/Kg
P3238-07DL	A4BF0DL	Solid	Indeno(1,2,3-cd)pyrene	79.000	D	7.4	28	ug/Kg
P3238-07DL	A4BF0DL	Solid	Naphthalene	35.000	D	3.2	28	ug/Kg
P3238-07DL	A4BF0DL	Solid	Phenanthrene	370.000	D	4.4	28	ug/Kg
P3238-07DL	A4BF0DL	Solid	Pyrene	300.000	D	4.5	28	ug/Kg
Total Svoc :				2,225.80				
Total Concentration:				2,225.80				
Client ID :	A4BF6DL							
P3238-10DL	A4BF6DL	Solid	Total Alkanes	*	0.000	D 7.2	44	ug/Kg
Total Tics :				0.00				
P3238-10DL	A4BF6DL	Solid	1-Methylnaphthalene	11.000	JD	5.6	22	ug/Kg
P3238-10DL	A4BF6DL	Solid	2-Methylnaphthalene	14.000	JD	2.2	22	ug/Kg
P3238-10DL	A4BF6DL	Solid	Acenaphthene	67.000	D	2.6	22	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-10DL	A4BF6DL	Solid	Acenaphthylene	20.000	JD	3.1	22	ug/Kg
P3238-10DL	A4BF6DL	Solid	Anthracene	210.000	D	3.4	22	ug/Kg
P3238-10DL	A4BF6DL	Solid	Benzo(a)anthracene	610.000	ED	2.8	22	ug/Kg
P3238-10DL	A4BF6DL	Solid	Benzo(a)pyrene	270.000	D	2.4	22	ug/Kg
P3238-10DL	A4BF6DL	Solid	Benzo(b)fluoranthene	580.000	ED	1.4	22	ug/Kg
P3238-10DL	A4BF6DL	Solid	Benzo(g,h,i)perylene	28.000	D	6.4	22	ug/Kg
P3238-10DL	A4BF6DL	Solid	Benzo(k)fluoranthene	180.000	D	2.6	22	ug/Kg
P3238-10DL	A4BF6DL	Solid	Chrysene	500.000	ED	2.8	22	ug/Kg
P3238-10DL	A4BF6DL	Solid	Dibenzo(a,h)anthracene	91.000	D	5.9	22	ug/Kg
P3238-10DL	A4BF6DL	Solid	Fluoranthene	1,200.000	ED	4.5	22	ug/Kg
P3238-10DL	A4BF6DL	Solid	Fluorene	60.000	D	4.5	22	ug/Kg
P3238-10DL	A4BF6DL	Solid	Indeno(1,2,3-cd)pyrene	180.000	D	5.7	22	ug/Kg
P3238-10DL	A4BF6DL	Solid	Naphthalene	23.000	D	2.4	22	ug/Kg
P3238-10DL	A4BF6DL	Solid	Phenanthrene	1,000.000	ED	3.4	22	ug/Kg
P3238-10DL	A4BF6DL	Solid	Pyrene	770.000	ED	3.4	22	ug/Kg

Total Svoc :

5,814.00

Total Concentration:

5,814.00

Client ID : A4BF7DL

P3238-11DL	A4BF7DL	Solid	Total Alkanes	*	0.000	D	6.3	38	ug/Kg
Total Tics :					0.00				
P3238-11DL	A4BF7DL	Solid	1-Methylnaphthalene		13.000	JD	4.9	19	ug/Kg
P3238-11DL	A4BF7DL	Solid	2-Methylnaphthalene		16.000	JD	1.9	19	ug/Kg
P3238-11DL	A4BF7DL	Solid	Acenaphthene		78.000	D	2.2	19	ug/Kg
P3238-11DL	A4BF7DL	Solid	Acenaphthylene		38.000	D	2.7	19	ug/Kg
P3238-11DL	A4BF7DL	Solid	Anthracene		220.000	D	3	19	ug/Kg
P3238-11DL	A4BF7DL	Solid	Benzo(a)anthracene		520.000	ED	2.4	19	ug/Kg
P3238-11DL	A4BF7DL	Solid	Benzo(a)pyrene		250.000	D	2.1	19	ug/Kg
P3238-11DL	A4BF7DL	Solid	Benzo(b)fluoranthene		520.000	ED	1.2	19	ug/Kg
P3238-11DL	A4BF7DL	Solid	Benzo(g,h,i)perylene		30.000	D	5.6	19	ug/Kg
P3238-11DL	A4BF7DL	Solid	Benzo(k)fluoranthene		170.000	D	2.2	19	ug/Kg
P3238-11DL	A4BF7DL	Solid	Chrysene		350.000	ED	2.4	19	ug/Kg
P3238-11DL	A4BF7DL	Solid	Dibenzo(a,h)anthracene		70.000	D	5.1	19	ug/Kg
P3238-11DL	A4BF7DL	Solid	Fluoranthene		1,000.000	ED	3.9	19	ug/Kg
P3238-11DL	A4BF7DL	Solid	Fluorene		62.000	D	3.9	19	ug/Kg
P3238-11DL	A4BF7DL	Solid	Indeno(1,2,3-cd)pyrene		180.000	D	4.9	19	ug/Kg
P3238-11DL	A4BF7DL	Solid	Naphthalene		20.000	D	2.1	19	ug/Kg
P3238-11DL	A4BF7DL	Solid	Phenanthrene		750.000	ED	2.9	19	ug/Kg
P3238-11DL	A4BF7DL	Solid	Pyrene		670.000	ED	3	19	ug/Kg

Total Svoc :

4,957.00

Hit Summary Sheet SW-846

SDG No.: BN072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	4,957.00				
Client ID :	A4BF9DL							
P3238-13DL	A4BF9DL	Solid	Total Alkanes	*	0.000	D 13	79	ug/Kg
			Total Tics :	0.00				
P3238-13DL	A4BF9DL	Solid	2-Methylnaphthalene		8.600	JD 4	39	ug/Kg
P3238-13DL	A4BF9DL	Solid	Acenaphthene		31.000	JD 4.6	39	ug/Kg
P3238-13DL	A4BF9DL	Solid	Acenaphthylene		26.000	JD 5.5	39	ug/Kg
P3238-13DL	A4BF9DL	Solid	Anthracene		110.000	D 6.1	39	ug/Kg
P3238-13DL	A4BF9DL	Solid	Benzo(a)anthracene		460.000	D 5	39	ug/Kg
P3238-13DL	A4BF9DL	Solid	Benzo(a)pyrene		240.000	D 4.2	39	ug/Kg
P3238-13DL	A4BF9DL	Solid	Benzo(b)fluoranthene		520.000	D 2.5	39	ug/Kg
P3238-13DL	A4BF9DL	Solid	Benzo(g,h,i)perylene		44.000	D 12	39	ug/Kg
P3238-13DL	A4BF9DL	Solid	Benzo(k)fluoranthene		150.000	D 4.6	39	ug/Kg
P3238-13DL	A4BF9DL	Solid	Chrysene		320.000	D 5	39	ug/Kg
P3238-13DL	A4BF9DL	Solid	Dibenzo(a,h)anthracene		63.000	D 10	39	ug/Kg
P3238-13DL	A4BF9DL	Solid	Fluoranthene		840.000	ED 8	39	ug/Kg
P3238-13DL	A4BF9DL	Solid	Fluorene		26.000	JD 8	39	ug/Kg
P3238-13DL	A4BF9DL	Solid	Indeno(1,2,3-cd)pyrene		170.000	D 10	39	ug/Kg
P3238-13DL	A4BF9DL	Solid	Naphthalene		15.000	JD 4.4	39	ug/Kg
P3238-13DL	A4BF9DL	Solid	Phenanthrene		480.000	D 6	39	ug/Kg
P3238-13DL	A4BF9DL	Solid	Pyrene		580.000	D 6.1	39	ug/Kg
			Total Svoc :	4,083.60				
			Total Concentration:	4,083.60				
Client ID :	A4BG0DL							
P3238-14DL	A4BG0DL	Solid	Total Alkanes	*	0.000	D 9.7	59	ug/Kg
			Total Tics :	0.00				
P3238-14DL	A4BG0DL	Solid	Acenaphthene		19.000	JD 3.4	29	ug/Kg
P3238-14DL	A4BG0DL	Solid	Acenaphthylene		6.800	JD 4.1	29	ug/Kg
P3238-14DL	A4BG0DL	Solid	Anthracene		39.000	D 4.6	29	ug/Kg
P3238-14DL	A4BG0DL	Solid	Benzo(a)anthracene		100.000	D 3.7	29	ug/Kg
P3238-14DL	A4BG0DL	Solid	Benzo(a)pyrene		54.000	D 3.2	29	ug/Kg
P3238-14DL	A4BG0DL	Solid	Benzo(b)fluoranthene		110.000	D 1.9	29	ug/Kg
P3238-14DL	A4BG0DL	Solid	Benzo(k)fluoranthene		34.000	D 3.4	29	ug/Kg
P3238-14DL	A4BG0DL	Solid	Chrysene		66.000	D 3.7	29	ug/Kg
P3238-14DL	A4BG0DL	Solid	Dibenzo(a,h)anthracene		14.000	JD 7.8	29	ug/Kg
P3238-14DL	A4BG0DL	Solid	Fluoranthene		180.000	D 6	29	ug/Kg
P3238-14DL	A4BG0DL	Solid	Fluorene		11.000	JD 6	29	ug/Kg
P3238-14DL	A4BG0DL	Solid	Indeno(1,2,3-cd)pyrene		37.000	D 7.6	29	ug/Kg
P3238-14DL	A4BG0DL	Solid	Naphthalene		7.900	JD 3.3	29	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-14DL	A4BG0DL	Solid	Phenanthrene	150.000	D	4.5	29	ug/Kg
P3238-14DL	A4BG0DL	Solid	Pyrene	130.000	D	4.6	29	ug/Kg
Total Svoc :				958.70				
Total Concentration:				958.70				
Client ID : A4BZ5DL								
P3238-15DL	A4BZ5DL	Solid	Total Alkanes	*	0.000	D 12	76	ug/Kg
Total Tics :				0.00				
P3238-15DL	A4BZ5DL	Solid	1-Methylnaphthalene	14.000	JD	9.6	37	ug/Kg
P3238-15DL	A4BZ5DL	Solid	2-Methylnaphthalene	15.000	JD	3.8	37	ug/Kg
P3238-15DL	A4BZ5DL	Solid	Acenaphthene	38.000	D	4.4	37	ug/Kg
P3238-15DL	A4BZ5DL	Solid	Acenaphthylene	36.000	JD	5.3	37	ug/Kg
P3238-15DL	A4BZ5DL	Solid	Anthracene	150.000	D	5.9	37	ug/Kg
P3238-15DL	A4BZ5DL	Solid	Benzo(a)anthracene	640.000	ED	4.7	37	ug/Kg
P3238-15DL	A4BZ5DL	Solid	Benzo(a)pyrene	380.000	D	4.1	37	ug/Kg
P3238-15DL	A4BZ5DL	Solid	Benzo(b)fluoranthene	840.000	ED	2.4	37	ug/Kg
P3238-15DL	A4BZ5DL	Solid	Benzo(g,h,i)perylene	53.000	D	11	37	ug/Kg
P3238-15DL	A4BZ5DL	Solid	Benzo(k)fluoranthene	270.000	D	4.4	37	ug/Kg
P3238-15DL	A4BZ5DL	Solid	Chrysene	580.000	D	4.7	37	ug/Kg
P3238-15DL	A4BZ5DL	Solid	Dibenzo(a,h)anthracene	110.000	D	10	37	ug/Kg
P3238-15DL	A4BZ5DL	Solid	Fluoranthene	1,300.000	ED	7.7	37	ug/Kg
P3238-15DL	A4BZ5DL	Solid	Fluorene	40.000	D	7.7	37	ug/Kg
P3238-15DL	A4BZ5DL	Solid	Indeno(1,2,3-cd)pyrene	300.000	D	9.7	37	ug/Kg
P3238-15DL	A4BZ5DL	Solid	Naphthalene	22.000	JD	4.2	37	ug/Kg
P3238-15DL	A4BZ5DL	Solid	Phenanthrene	680.000	ED	5.8	37	ug/Kg
P3238-15DL	A4BZ5DL	Solid	Pyrene	900.000	ED	5.9	37	ug/Kg
Total Svoc :				6,368.00				
Total Concentration:				6,368.00				
Client ID : A4BZ6DL								
P3238-16DL	A4BZ6DL	Solid	Total Alkanes	*	0.000	D 10	61	ug/Kg
Total Tics :				0.00				
P3238-16DL	A4BZ6DL	Solid	1-Methylnaphthalene	14.000	JD	7.8	30	ug/Kg
P3238-16DL	A4BZ6DL	Solid	2-Methylnaphthalene	17.000	JD	3.1	30	ug/Kg
P3238-16DL	A4BZ6DL	Solid	Acenaphthene	63.000	D	3.6	30	ug/Kg
P3238-16DL	A4BZ6DL	Solid	Acenaphthylene	34.000	D	4.3	30	ug/Kg
P3238-16DL	A4BZ6DL	Solid	Anthracene	210.000	D	4.8	30	ug/Kg
P3238-16DL	A4BZ6DL	Solid	Benzo(a)anthracene	720.000	ED	3.8	30	ug/Kg
P3238-16DL	A4BZ6DL	Solid	Benzo(a)pyrene	390.000	D	3.3	30	ug/Kg
P3238-16DL	A4BZ6DL	Solid	Benzo(b)fluoranthene	840.000	ED	1.9	30	ug/Kg
P3238-16DL	A4BZ6DL	Solid	Benzo(g,h,i)perylene	50.000	D	9	30	ug/Kg
P3238-16DL	A4BZ6DL	Solid	Benzo(k)fluoranthene	260.000	D	3.6	30	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-16DL	A4BZ6DL	Solid	Chrysene	570.000	ED	3.8	30	ug/Kg
P3238-16DL	A4BZ6DL	Solid	Dibenzo(a,h)anthracene	110.000	D	8.1	30	ug/Kg
P3238-16DL	A4BZ6DL	Solid	Fluoranthene	1,400.000	ED	6.2	30	ug/Kg
P3238-16DL	A4BZ6DL	Solid	Fluorene	58.000	D	6.2	30	ug/Kg
P3238-16DL	A4BZ6DL	Solid	Indeno(1,2,3-cd)pyrene	290.000	D	7.9	30	ug/Kg
P3238-16DL	A4BZ6DL	Solid	Naphthalene	26.000	JD	3.4	30	ug/Kg
P3238-16DL	A4BZ6DL	Solid	Phenanthrene	920.000	ED	4.7	30	ug/Kg
P3238-16DL	A4BZ6DL	Solid	Pyrene	980.000	ED	4.8	30	ug/Kg
Total Svoc :				6,952.00				
Total Concentration:				6,952.00				
Client ID :	A4C04DL							
P3238-17DL	A4C04DL	Solid	Total Alkanes	*	0.000	D 9.1	56	ug/Kg
Total Tics :				0.00				
P3238-17DL	A4C04DL	Solid	1-Methylnaphthalene	53.000	D	7.1	27	ug/Kg
P3238-17DL	A4C04DL	Solid	2-Methylnaphthalene	70.000	D	2.8	27	ug/Kg
P3238-17DL	A4C04DL	Solid	Acenaphthene	280.000	D	3.2	27	ug/Kg
P3238-17DL	A4C04DL	Solid	Acenaphthylene	45.000	D	3.9	27	ug/Kg
P3238-17DL	A4C04DL	Solid	Anthracene	750.000	ED	4.3	27	ug/Kg
P3238-17DL	A4C04DL	Solid	Benzo(a)anthracene	2,100.000	ED	3.5	27	ug/Kg
P3238-17DL	A4C04DL	Solid	Benzo(a)pyrene	960.000	ED	3	27	ug/Kg
P3238-17DL	A4C04DL	Solid	Benzo(b)fluoranthene	1,900.000	ED	1.7	27	ug/Kg
P3238-17DL	A4C04DL	Solid	Benzo(g,h,i)perylene	100.000	D	8.1	27	ug/Kg
P3238-17DL	A4C04DL	Solid	Benzo(k)fluoranthene	570.000	ED	3.2	27	ug/Kg
P3238-17DL	A4C04DL	Solid	Chrysene	1,500.000	ED	3.5	27	ug/Kg
P3238-17DL	A4C04DL	Solid	Dibenzo(a,h)anthracene	250.000	D	7.4	27	ug/Kg
P3238-17DL	A4C04DL	Solid	Fluoranthene	4,200.000	ED	5.6	27	ug/Kg
P3238-17DL	A4C04DL	Solid	Fluorene	300.000	D	5.6	27	ug/Kg
P3238-17DL	A4C04DL	Solid	Indeno(1,2,3-cd)pyrene	580.000	ED	7.1	27	ug/Kg
P3238-17DL	A4C04DL	Solid	Naphthalene	130.000	D	3.1	27	ug/Kg
P3238-17DL	A4C04DL	Solid	Phenanthrene	3,600.000	ED	4.2	27	ug/Kg
P3238-17DL	A4C04DL	Solid	Pyrene	2,900.000	ED	4.3	27	ug/Kg
Total Svoc :				20,288.00				
Total Concentration:				20,288.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN071224 SAS No.: BN071224 SDG No.: BN071224
Instrument ID: _____ Calibration Date(s): 7/11/2024 : _____
Calibration Time(s): 09:16 _____

LAB FILE ID:		RRFAL1 = BN032626.D			RRFAL2 = BN032627.D		RRFAL3 = BN032628.D	
		RRFAL4 = BN032629.D			RRFAL5 = BN032630.D		RRFAL6 = BN032631.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.583	0.585	0.560	0.504	0.503	0.547	7.4
1,4-Dioxane-d8		0.487	0.508	0.500	0.455	0.452	0.480	5.3
Naphthalene	1.103	1.068	1.065	1.090	1.044		1.074	2.1
1-Methylnaphthalene	0.608	0.672	0.696	0.750	0.739		0.693	8.2
2-Methylnaphthalene	0.591	0.643	0.683	0.725	0.711		0.670	8.1
Acenaphthylene	1.531	1.588	1.592	1.694	1.675		1.616	4.2
Acenaphthene	1.329	1.334	1.326	1.378	1.314		1.336	1.8
Fluorene	1.455	1.510	1.525	1.604	1.544		1.528	3.6
Pentachlorophenol		0.063	0.061	0.067	0.073	0.087	0.070	15.2
Phenanthrene	1.075	1.056	1.067	1.135	1.114		1.089	3.1
Anthracene	0.784	0.849	0.880	0.956	0.981		0.890	9.0
Fluoranthene	1.713	1.614	1.561	1.637	1.607		1.626	3.4
Pyrene	1.816	1.681	1.614	1.673	1.632		1.683	4.7
Benzo(a)anthracene	1.224	1.233	1.200	1.340	1.369		1.273	5.9
Chrysene	2.127	1.907	1.780	1.791	1.605		1.842	10.4
Benzo(b)fluoranthene	1.363	1.381	1.309	1.503	1.501		1.411	6.1
Benzo(k)fluoranthene	1.903	1.659	1.680	1.708	1.650		1.720	6.1
Benzo(a)pyrene	1.271	1.199	1.172	1.243	1.222		1.221	3.2
Indeno(1,2,3-cd)pyrene	1.792	1.641	1.539	1.694	1.602		1.654	5.8
Dibenzo(a,h)anthracene	1.406	1.265	1.191	1.311	1.236		1.282	6.4
Benzo(g,h,i)perylene	1.587	1.388	1.281	1.378	1.276		1.382	9.1
Fluoranthene-d10	1.390	1.300	1.252	1.304	1.272		1.304	4.1
2-Methylnaphthalene-d10	0.622	0.569	0.598	0.626	0.607		0.605	3.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN072324 SAS No.: BN072324 SDG NO.: BN072324

EPA Sample No.: SSTD0.4239 Date Analyzed: Jul 23 2024 12:00AM

Lab File ID: BN032628.D Time Analyzed: 11:05

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	4009	7.578	13071	10.36	8475	14.22
	UPPER LIMIT	8018	8.078	26142	10.86	16950	14.716
	LOWER LIMIT	2004.5	7.078	6535.5	9.86	4237.5	13.716
	EPA SAMPLE NO.						
01	SBLK058	7111	7.52	25840	10.29	16214	14.17
02	A4BD4	4393	7.52	15057	10.29	9077	14.17
03	A4BD3	6091	7.52	19639	10.29	12082	14.17
04	A4CJ5	5938	7.52	20394	10.29	12360	14.17
05	A4CJ7	4391	7.52	15579	10.29	9585	14.17
06	A4BS8DL	4908	7.52	17867	10.29	10315	14.17
07	A4BT3DL	5154	7.52	17090	10.30	10230	14.18
08	A4BT6DL	5217	7.52	17190	10.29	10268	14.17
09	A4BT8DL	5351	7.52	18389	10.29	10723	14.18
10	A4BT4DL	5386	7.52	18405	10.30	10508	14.17
11	A4BX9DL	5055	7.52	17012	10.29	9552	14.18
12	A4BT1DL	5816	7.52	19925	10.29	11103	14.18
13	A4BY5DL	5264	7.52	18486	10.29	11326	14.17
14	A4BE8DL	5247	7.52	18247	10.30	10968	14.17
15	A4BF6DL	5267	7.52	17637	10.30	10056	14.17
16	A4BF7DL	5384	7.52	18297	10.29	10928	14.17
17	A4BE9DL	6385	7.52	21984	10.29	12945	14.17
18	SBLK058	4072	7.52	14544	10.28	8200	14.17
19	A4BZ5DL	4856	7.52	16533	10.30	9810	14.18
20	A4BZ6DL	7273	7.52	24121	10.29	13816	14.17
21	A4C04DL	5793	7.52	19514	10.29	11521	14.17
22	A4BF0DL	5317	7.52	18236	10.29	10639	14.17
23	A4BF9DL	5290	7.52	18070	10.30	10705	14.18



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN072324 SAS No.: BN072324 SDG NO.: BN072324

EPA Sample No.: SSTD0.4239 Date Analyzed: Jul 24 2024 12:00AM

Lab File ID: BN032628.D Time Analyzed: 02:08

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	4009	7.578	13071	10.36	8475	14.22
UPPER LIMIT	8018	8.078	26142	10.86	16950	14.716
LOWER LIMIT	2004.5	7.078	6535.5	9.86	4237.5	13.716
EPA SAMPLE NO.						
24 A4BG0DL	5681	7.52	19282	10.30	11268	14.17
25 A4D44	3767	7.52	13125	10.28	10502	14.17
26 A4D43	3641	7.52	13090	10.29	9524	14.17
27 A4C08	4673	7.52	16739	10.29	11683	14.18
28 A4C12	6077	7.52	20054	10.29	12280	14.18
29 A4D31	5216	7.52	18233	10.29	12037	14.18
30 SLCS058	5860	7.53	22865	10.30	12840	14.18
31 A4D25DL	1639 *	7.52	5472 *	10.29	3211 *	14.18
32 A4D23DL	5775	7.52	19476	10.29	11077	14.17
33 SBLK058	5776	7.52	20977	10.29	12481	14.17

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN072324 SAS No.: BN072324 SDG NO.: BN072324

EPA Sample No.: SSTD0.4275 Date Analyzed: Jul 23 2024 12:00AM

Lab File ID: BN032903.D Time Analyzed: 11:05

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	3824	7.527	13059	10.30	8087	14.18
	UPPER LIMIT	7648	8.027	26118	10.799	16174	14.679
	LOWER LIMIT	1912	7.027	6529.5	9.799	4043.5	13.679
	EPA SAMPLE NO.						
01	SBLK058	7111	7.52	25840	10.29	16214 *	14.17
02	A4BD4	4393	7.52	15057	10.29	9077	14.17
03	A4BD3	6091	7.52	19639	10.29	12082	14.17
04	A4CJ5	5938	7.52	20394	10.29	12360	14.17
05	A4CJ7	4391	7.52	15579	10.29	9585	14.17
06	A4BS8DL	4908	7.52	17867	10.29	10315	14.17
07	A4BT3DL	5154	7.52	17090	10.30	10230	14.18
08	A4BT6DL	5217	7.52	17190	10.29	10268	14.17
09	A4BT8DL	5351	7.52	18389	10.29	10723	14.18
10	A4BT4DL	5386	7.52	18405	10.30	10508	14.17
11	A4BX9DL	5055	7.52	17012	10.29	9552	14.18
12	A4BT1DL	5816	7.52	19925	10.29	11103	14.18
13	A4BY5DL	5264	7.52	18486	10.29	11326	14.17
14	A4BE8DL	5247	7.52	18247	10.30	10968	14.17
15	A4BF6DL	5267	7.52	17637	10.30	10056	14.17
16	A4BF7DL	5384	7.52	18297	10.29	10928	14.17
17	A4BE9DL	6385	7.52	21984	10.29	12945	14.17



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN072324 SAS No.: BN072324 SDG NO.: BN072324

EPA Sample No.: SSTD0.4275 Date Analyzed: Jul 23 2024 12:00AM

Lab File ID: BN032903.D Time Analyzed: 20:43

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	3824	7.527	13059	10.30	8087	14.18
UPPER LIMIT	7648	8.027	26118	10.799	16174	14.679
LOWER LIMIT	1912	7.027	6529.5	9.799	4043.5	13.679
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN072324 SAS No.: BN072324 SDG NO.: BN072324

EPA Sample No.: SSTD0.4276 Date Analyzed: Jul 23 2024 12:00AM

Lab File ID: BN032921.D Time Analyzed: 22:31

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	4509	7.536	16999	10.31	9945	14.18
	UPPER LIMIT	9018	8.036	33998	10.805	19890	14.679
	LOWER LIMIT	2254.5	7.036	8499.5	9.805	4972.5	13.679
	EPA SAMPLE NO.						
01	SBLK058	4072	7.52	14544	10.28	8200	14.17
02	A4BZ5DL	4856	7.52	16533	10.30	9810	14.18
03	A4BZ6DL	7273	7.52	24121	10.29	13816	14.17
04	A4C04DL	5793	7.52	19514	10.29	11521	14.17
05	A4BF0DL	5317	7.52	18236	10.29	10639	14.17
06	A4BF9DL	5290	7.52	18070	10.30	10705	14.18
07	A4BG0DL	5681	7.52	19282	10.30	11268	14.17
08	A4D44	3767	7.52	13125	10.28	10502	14.17
09	A4D43	3641	7.52	13090	10.29	9524	14.17
10	A4C08	4673	7.52	16739	10.29	11683	14.18
11	A4C12	6077	7.52	20054	10.29	12280	14.18
12	A4D31	5216	7.52	18233	10.29	12037	14.18
13	SLCS058	5860	7.53	22865	10.30	12840	14.18
14	A4D25DL	1639 *	7.52	5472 *	10.29	3211 *	14.18
15	A4D23DL	5775	7.52	19476	10.29	11077	14.17

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN072324 SAS No.: BN072324 SDG NO.: BN072324

EPA Sample No.: SSTD0.4277 Date Analyzed: Jul 24 2024 12:00AM

Lab File ID: BN032937.D Time Analyzed: 08:46

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	3542	7.527	13712	10.30	8367	14.18
UPPER LIMIT	7084	8.027	27424	10.799	16734	14.679
LOWER LIMIT	1771	7.027	6856	9.799	4183.5	13.679
EPA SAMPLE NO.						
01 SBLK058	5776	7.52	20977	10.29	12481	14.17

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.: BN072324 SAS No.: BN072324 SDG NO.: BN072324

EPA Sample No.: SSTD0.4239 Date Analyzed: Jul 23 2024 12:00AM

Lab File ID: BN032628.D Time Analyzed: 11:05

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	18870	16.991	15447	21.194	15389	23.398
	UPPER LIMIT	37740	17.491	30894	21.694	30778	23.898
	LOWER LIMIT	9435	16.491	7723.5	20.694	7694.5	22.898
	EPA SAMPLE NO.						
01	SBLK058	29159	16.93	20238	21.16	20995	23.34
02	A4BD4	15448	16.94	10282	21.17	10004	23.35
03	A4BD3	20181	16.93	14209	21.15	15826	23.35
04	A4CJ5	22879	16.93	15718	21.15	17149	23.34
05	A4CJ7	21400	16.93	11286	21.15	12324	23.34
06	A4BS8DL	16670	16.94	12538	21.16	15520	23.35
07	A4BT3DL	16064	16.94	12239	21.16	13960	23.35
08	A4BT6DL	16379	16.94	12450	21.16	15735	23.35
09	A4BT8DL	17537	16.94	12730	21.16	15404	23.35
10	A4BT4DL	17008	16.94	13251	21.16	16290	23.35
11	A4BX9DL	15713	16.94	12078	21.15	14724	23.35
12	A4BT1DL	19379	16.94	13950	21.16	17214	23.35
13	A4BY5DL	20135	16.93	14532	21.15	17417	23.35
14	A4BE8DL	18318	16.94	12724	21.16	14430	23.35
15	A4BF6DL	16257	16.94	13336	21.15	16144	23.34
16	A4BF7DL	18558	16.93	13297	21.15	16157	23.34
17	A4BE9DL	22176	16.94	16246	21.15	19156	23.34
18	SBLK058	13050	16.93	9081	21.17	8631	23.35
19	A4BZ5DL	16308	16.94	12992	21.15	15384	23.34
20	A4BZ6DL	22570	16.93	17819	21.15	21340	23.34
21	A4C04DL	19907	16.93	14808	21.14	18829	23.33

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN072324 SAS No.: BN072324 SDG NO.: BN072324

EPA Sample No.: SSTD0.4239 Date Analyzed: Jul 24 2024 12:00AM

Lab File ID: BN032628.D Time Analyzed: 00:56

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	18870	16.991	15447	21.194	15389	23.398
UPPER LIMIT	37740	17.491	30894	21.694	30778	23.898
LOWER LIMIT	9435	16.491	7723.5	20.694	7694.5	22.898
EPA SAMPLE NO.						
22 A4BF0DL	18055	16.94	13215	21.15	14765	23.34
23 A4BF9DL	17998	16.94	13624	21.15	16338	23.34
24 A4BG0DL	18600	16.94	13768	21.15	15648	23.34
25 A4D44	24677	16.93	12602	21.17	14545	23.39
26 A4D43	21946	16.94	14714	21.17	20550	23.37
27 A4C08	28416	16.94	15943	21.17	24486	23.36
28 A4C12	25556	16.94	13187	21.17	19497	23.36
29 A4D31	18391	16.94	13641	21.16	19285	23.36
30 SLCS058	21237	16.95	17760	21.17	21415	23.36
31 A4D25DL	5276 *	16.94	3764 *	21.17	5138 *	23.36
32 A4D23DL	17922	16.94	13852	21.16	15859	23.36
33 SBLK058	20324	16.94	15454	21.17	16602	23.36

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN072324 SAS No.: BN072324 SDG NO.: BN072324

EPA Sample No.: SSTD0.4275 Date Analyzed: Jul 23 2024 12:00AM

Lab File ID: BN032903.D Time Analyzed: 11:05

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	13762	16.948	9754	21.162	12583	23.354
	UPPER LIMIT	27524	17.448	19508	21.662	25166	23.854
	LOWER LIMIT	6881	16.448	4877	20.662	6291.5	22.854
	EPA SAMPLE NO.						
01	SBLK058	29159 *	16.93	20238 *	21.16	20995	23.34
02	A4BD4	15448	16.94	10282	21.17	10004	23.35
03	A4BD3	20181	16.93	14209	21.15	15826	23.35
04	A4CJ5	22879	16.93	15718	21.15	17149	23.34
05	A4CJ7	21400	16.93	11286	21.15	12324	23.34
06	A4BS8DL	16670	16.94	12538	21.16	15520	23.35
07	A4BT3DL	16064	16.94	12239	21.16	13960	23.35
08	A4BT6DL	16379	16.94	12450	21.16	15735	23.35
09	A4BT8DL	17537	16.94	12730	21.16	15404	23.35
10	A4BT4DL	17008	16.94	13251	21.16	16290	23.35
11	A4BX9DL	15713	16.94	12078	21.15	14724	23.35
12	A4BT1DL	19379	16.94	13950	21.16	17214	23.35
13	A4BY5DL	20135	16.93	14532	21.15	17417	23.35
14	A4BE8DL	18318	16.94	12724	21.16	14430	23.35
15	A4BF6DL	16257	16.94	13336	21.15	16144	23.34
16	A4BF7DL	18558	16.93	13297	21.15	16157	23.34
17	A4BE9DL	22176	16.94	16246	21.15	19156	23.34

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN072324 SAS No.: BN072324 SDG NO.: BN072324

EPA Sample No.: SSTD0.4275 Date Analyzed: Jul 23 2024 12:00AM

Lab File ID: BN032903.D Time Analyzed: 20:43

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	13762	16.948	9754	21.162	12583	23.354
UPPER LIMIT	27524	17.448	19508	21.662	25166	23.854
LOWER LIMIT	6881	16.448	4877	20.662	6291.5	22.854
EPA SAMPLE NO.						

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN072324 SAS No.: BN072324 SDG NO.: BN072324

EPA Sample No.: SSTD0.4276 Date Analyzed: Jul 23 2024 12:00AM

Lab File ID: BN032921.D Time Analyzed: 22:31

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	16210	16.953	11634	21.165	15006	23.357
	UPPER LIMIT	32420	17.453	23268	21.665	30012	23.857
	LOWER LIMIT	8105	16.453	5817	20.665	7503	22.857
	EPA SAMPLE NO.						
01	SBLK058	13050	16.93	9081	21.17	8631	23.35
02	A4BZ5DL	16308	16.94	12992	21.15	15384	23.34
03	A4BZ6DL	22570	16.93	17819	21.15	21340	23.34
04	A4C04DL	19907	16.93	14808	21.14	18829	23.33
05	A4BF0DL	18055	16.94	13215	21.15	14765	23.34
06	A4BF9DL	17998	16.94	13624	21.15	16338	23.34
07	A4BG0DL	18600	16.94	13768	21.15	15648	23.34
08	A4D44	24677	16.93	12602	21.17	14545	23.39
09	A4D43	21946	16.94	14714	21.17	20550	23.37
10	A4C08	28416	16.94	15943	21.17	24486	23.36
11	A4C12	25556	16.94	13187	21.17	19497	23.36
12	A4D31	18391	16.94	13641	21.16	19285	23.36
13	SLCS058	21237	16.95	17760	21.17	21415	23.36
14	A4D25DL	5276 *	16.94	3764 *	21.17	5138 *	23.36
15	A4D23DL	17922	16.94	13852	21.16	15859	23.36

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN072324 SAS No.: BN072324 SDG NO.: BN072324

EPA Sample No.: SSTD0.4276 Date Analyzed: Jul 24 2024 12:00AM

Lab File ID: BN032921.D Time Analyzed: 06:57

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	16210	16.953	11634	21.165	15006	23.357
UPPER LIMIT	32420	17.453	23268	21.665	30012	23.857
LOWER LIMIT	8105	16.453	5817	20.665	7503	22.857
EPA SAMPLE NO.						

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN072324 SAS No.: BN072324 SDG NO.: BN072324

EPA Sample No.: SSTD0.4277 Date Analyzed: Jul 24 2024 12:00AM

Lab File ID: BN032937.D Time Analyzed: 08:46

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	14745	16.953	10694	21.168	13119	23.365
UPPER LIMIT	29490	17.453	21388	21.668	26238	23.865
LOWER LIMIT	7372.5	16.453	5347	20.668	6559.5	22.865
EPA SAMPLE NO.						
01 SBLK058	20324	16.94	15454	21.17	16602	23.36

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.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN072324

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162058BS	1,4-Dioxane	66.7	41	ug/Kg	61				0	0		
	Naphthalene	13.3	8.2	ug/Kg	62				0	0		
	1-Methylnaphthalene	13.3	8.2	ug/Kg	62				0	0		
	2-Methylnaphthalene	13.3	8.4	ug/Kg	63				0	0		
	Acenaphthylene	13.3	9.8	ug/Kg	74				0	0		
	Acenaphthene	13.3	8	ug/Kg	60				0	0		
	Fluorene	13.3	7.1	ug/Kg	53				0	0		
	Pentachlorophenol	26.7	22	ug/Kg	82				0	0		
	Phenanthrene	13.3	8.1	ug/Kg	61				0	0		
	Anthracene	13.3	9.6	ug/Kg	72				0	0		
	Fluoranthene	13.3	7.9	ug/Kg	59				0	0		
	Pyrene	13.3	7.8	ug/Kg	59				0	0		
	Benzo(a)anthracene	13.3	9.9	ug/Kg	74				0	0		
	Chrysene	13.3	7	ug/Kg	53				0	0		
	Benzo(b)fluoranthene	13.3	8.1	ug/Kg	61				0	0		
	Benzo(k)fluoranthene	13.3	6.6	ug/Kg	50				0	0		
	Benzo(a)pyrene	13.3	9	ug/Kg	68				0	0		
	Indeno(1,2,3-cd)pyrene	13.3	8.7	ug/Kg	65				0	0		
	Dibenzo(a,h)anthracene	13.3	8.9	ug/Kg	67				0	0		
	Benzo(g,h,i)perylene	13.3	8.2	ug/Kg	62				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK058

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN072324

SAS No.: BN072324 SDG NO.: BN072324

Lab File ID: BN032904.D

Lab Sample ID: PB162058BL

Instrument ID: BNA_N

Date Extracted: 07/15/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/23/2024

Level: (low/med) LOW

Time Analyzed: 11:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4D44	P3215-16	BN032929.D	07/24/2024
A4D43	P3215-15	BN032930.D	07/24/2024
A4C08	P3215-05	BN032931.D	07/24/2024
A4C12	P3215-07	BN032932.D	07/24/2024
A4D31	P3215-14	BN032933.D	07/24/2024
PB162058BS	PB162058BS	BN032934.D	07/24/2024
A4BD4	P3215-02	BN032905.D	07/23/2024
A4BD3	P3215-01	BN032906.D	07/23/2024
A4CJ5	P3215-20	BN032907.D	07/23/2024
A4CJ7	P3215-22	BN032908.D	07/23/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: **BN072324**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3178-01DL	A4BX9DL	BN032914.D	1,4-Dioxane-d8	8	2.38	30		15	120
			Fluoranthene-d10	0.4	0.20	50		30	130
			2-Methylnaphthalene-d10	0.4	0.19	47		20	140
P3178-03DL	A4BS8DL	BN032909.D	1,4-Dioxane-d8	8	2.97	37		15	120
			Fluoranthene-d10	0.4	0.21	51		30	130
			2-Methylnaphthalene-d10	0.4	0.20	50		20	140
P3178-06DL	A4BT1DL	BN032915.D	1,4-Dioxane-d8	8	2.64	33		15	120
			Fluoranthene-d10	0.4	0.21	52		30	130
			2-Methylnaphthalene-d10	0.4	0.20	50		20	140
P3178-08DL	A4BT3DL	BN032910.D	1,4-Dioxane-d8	8	2.41	30		15	120
			Fluoranthene-d10	0.4	0.18	45		30	130
			2-Methylnaphthalene-d10	0.4	0.18	45		20	140
P3178-09DL	A4BT4DL	BN032913.D	1,4-Dioxane-d8	8	2.37	30		15	120
			Fluoranthene-d10	0.4	0.18	44		30	130
			2-Methylnaphthalene-d10	0.4	0.18	44		20	140
P3178-11DL	A4BT6DL	BN032911.D	1,4-Dioxane-d8	8	2.83	35		15	120
			Fluoranthene-d10	0.4	0.20	49		30	130
			2-Methylnaphthalene-d10	0.4	0.21	51		20	140
P3178-13DL	A4BT8DL	BN032912.D	1,4-Dioxane-d8	8	3.11	39		15	120
			Fluoranthene-d10	0.4	0.22	55		30	130
			2-Methylnaphthalene-d10	0.4	0.22	55		20	140
P3178-17DL	A4BY5DL	BN032916.D	1,4-Dioxane-d8	8	2.43	30		15	120
			Fluoranthene-d10	0.4	0.19	47		30	130
			2-Methylnaphthalene-d10	0.4	0.20	49		20	140

Surrogate Summary

SW-846

SDG No.: **BN072324**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3215-01	A4BD3	BN032906.D	1,4-Dioxane-d8	8	2.87	36		15	120
			Fluoranthene-d10	0.4	0.23	56		30	130
			2-Methylnaphthalene-d10	0.4	0.23	58		20	140
P3215-02	A4BD4	BN032905.D	1,4-Dioxane-d8	8	3.06	38		15	120
			Fluoranthene-d10	0.4	0.33	83		30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		20	140
P3215-05	A4C08	BN032931.D	1,4-Dioxane-d8	8	2.83	35		15	120
			Fluoranthene-d10	0.4	0.26	64		30	130
			2-Methylnaphthalene-d10	0.4	0.23	57		20	140
P3215-07	A4C12	BN032932.D	1,4-Dioxane-d8	8	2.83	35		15	120
			Fluoranthene-d10	0.4	0.20	51		30	130
			2-Methylnaphthalene-d10	0.4	0.21	51		20	140
P3215-08DL	A4D23DL	BN032936.D	1,4-Dioxane-d8	8	3.90	49		15	120
			Fluoranthene-d10	0.4	0.30	74		30	130
			2-Methylnaphthalene-d10	0.4	0.30	74		20	140
P3215-12DL	A4D25DL	BN032935.D	1,4-Dioxane-d8	8	11.01	138	*	15	120
			Fluoranthene-d10	0.4	0.82	205	*	30	130
			2-Methylnaphthalene-d10	0.4	0.79	196	*	20	140
P3215-14	A4D31	BN032933.D	1,4-Dioxane-d8	8	3.75	47		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.26	65		20	140
P3215-15	A4D43	BN032930.D	1,4-Dioxane-d8	8	2.95	37		15	120
			Fluoranthene-d10	0.4	0.27	68		30	130
			2-Methylnaphthalene-d10	0.4	0.24	61		20	140
P3215-16	A4D44	BN032929.D	1,4-Dioxane-d8	8	3.18	40		15	120
			Fluoranthene-d10	0.4	0.37	93		30	130
			2-Methylnaphthalene-d10	0.4	0.30	74		20	140
P3215-20	A4CJ5	BN032907.D	1,4-Dioxane-d8	8	2.35	29		15	120
			Fluoranthene-d10	0.4	0.19	47		30	130
			2-Methylnaphthalene-d10	0.4	0.18	44		20	140
P3215-22	A4CJ7	BN032908.D	1,4-Dioxane-d8	8	3.36	42		15	120
			Fluoranthene-d10	0.4	0.25	62		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		20	140
PB162058BL	PB162058BL	BN032904.D	1,4-Dioxane-d8	8	4.20	53		15	120
		BN032922.D	1,4-Dioxane-d8	8	4.90	61		15	120
		BN032938.D	1,4-Dioxane-d8	8	4.38	55		15	120
			Fluoranthene-d10	0.4	0.23	56		30	130
		BN032922.D	Fluoranthene-d10	0.4	0.28	70		30	130
		BN032904.D	Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.24	61		20	140
		BN032922.D	2-Methylnaphthalene-d10	0.4	0.26	65		20	140
		BN032938.D	2-Methylnaphthalene-d10	0.4	0.24	61		20	140
PB162058BS	PB162058BS	BN032934.D	1,4-Dioxane-d8	0.8	0.53	67		15	120
			Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.27	67		20	140

Surrogate Summary

SW-846

SDG No.: **BN072324**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3238-05DL	A4BE8DL	BN032917.D	1,4-Dioxane-d8	8	2.52	31		15	120
			Fluoranthene-d10	0.4	0.22	54		30	130
			2-Methylnaphthalene-d10	0.4	0.19	47		20	140
P3238-06DL	A4BE9DL	BN032920.D	1,4-Dioxane-d8	8	2.77	35		15	120
			Fluoranthene-d10	0.4	0.21	51		30	130
			2-Methylnaphthalene-d10	0.4	0.20	49		20	140
P3238-07DL	A4BF0DL	BN032926.D	1,4-Dioxane-d8	8	3.11	39		15	120
			Fluoranthene-d10	0.4	0.23	57		30	130
			2-Methylnaphthalene-d10	0.4	0.22	55		20	140
P3238-10DL	A4BF6DL	BN032918.D	1,4-Dioxane-d8	8	2.52	31		15	120
			Fluoranthene-d10	0.4	0.17	41		30	130
			2-Methylnaphthalene-d10	0.4	0.17	43		20	140
P3238-11DL	A4BF7DL	BN032919.D	1,4-Dioxane-d8	8	2.88	36		15	120
			Fluoranthene-d10	0.4	0.22	54		30	130
			2-Methylnaphthalene-d10	0.4	0.20	50		20	140
P3238-13DL	A4BF9DL	BN032927.D	1,4-Dioxane-d8	8	2.19	27		15	120
			Fluoranthene-d10	0.4	0.17	43		30	130
			2-Methylnaphthalene-d10	0.4	0.16	39		20	140
P3238-14DL	A4BG0DL	BN032928.D	1,4-Dioxane-d8	8	2.34	29		15	120
			Fluoranthene-d10	0.4	0.16	39		30	130
			2-Methylnaphthalene-d10	0.4	0.15	38		20	140
P3238-15DL	A4BZ5DL	BN032923.D	1,4-Dioxane-d8	8	2.15	27		15	120
			Fluoranthene-d10	0.4	0.13	32		30	130
			2-Methylnaphthalene-d10	0.4	0.14	35		20	140
P3238-16DL	A4BZ6DL	BN032924.D	1,4-Dioxane-d8	8	2.09	26		15	120
			Fluoranthene-d10	0.4	0.14	35		30	130
			2-Methylnaphthalene-d10	0.4	0.14	35		20	140
P3238-17DL	A4C04DL	BN032925.D	1,4-Dioxane-d8	8	2.73	34		15	120
			Fluoranthene-d10	0.4	0.20	50		30	130
			2-Methylnaphthalene-d10	0.4	0.19	47		20	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN072324

Lab Code: CHEM

SAS No.: BN072324 SDG NO.: BN072324

Lab File ID: BN032902.D

DFTPP Injection Date: 07/23/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.4
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	34.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	46.7
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
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	11.3
442	Greater than 50% of mass 198	66.5
443	15.0 - 24.0% of mass 442	14.1 (21.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD0.4275	SSTDCCC0.4	BN032903.D	07/23/2024	10:29
SBLK058	PB162058BL	BN032904.D	07/23/2024	11:05
A4BD4	P3215-02	BN032905.D	07/23/2024	11:41
A4BD3	P3215-01	BN032906.D	07/23/2024	12:18
A4CJ5	P3215-20	BN032907.D	07/23/2024	12:54
A4CJ7	P3215-22	BN032908.D	07/23/2024	13:30
A4BS8DL	P3178-03DL	BN032909.D	07/23/2024	14:07
A4BT3DL	P3178-08DL	BN032910.D	07/23/2024	14:43
A4BT6DL	P3178-11DL	BN032911.D	07/23/2024	15:19
A4BT8DL	P3178-13DL	BN032912.D	07/23/2024	15:55
A4BT4DL	P3178-09DL	BN032913.D	07/23/2024	16:31
A4BX9DL	P3178-01DL	BN032914.D	07/23/2024	17:07
A4BT1DL	P3178-06DL	BN032915.D	07/23/2024	17:43
A4BY5DL	P3178-17DL	BN032916.D	07/23/2024	18:19
A4BE8DL	P3238-05DL	BN032917.D	07/23/2024	18:55
A4BF6DL	P3238-10DL	BN032918.D	07/23/2024	19:31
A4BF7DL	P3238-11DL	BN032919.D	07/23/2024	20:07
A4BE9DL	P3238-06DL	BN032920.D	07/23/2024	20:43

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN072324

Lab Code: CHEM

SAS No.: BN072324 SDG NO.: BN072324

Lab File ID: BN032902.D

DFTPP Injection Date: 07/23/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.4
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	34.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	46.7
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
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	11.3
442	Greater than 50% of mass 198	66.5
443	15.0 - 24.0% of mass 442	14.1 (21.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD0.4276	SSTDCCC0.4	BN032921.D	07/23/2024	21:19
SBLK058	PB162058BL	BN032922.D	07/23/2024	22:31
A4BZ5DL	P3238-15DL	BN032923.D	07/23/2024	23:07
A4BZ6DL	P3238-16DL	BN032924.D	07/23/2024	23:44
A4C04DL	P3238-17DL	BN032925.D	07/24/2024	00:19
A4BF0DL	P3238-07DL	BN032926.D	07/24/2024	00:56
A4BF9DL	P3238-13DL	BN032927.D	07/24/2024	01:32
A4BG0DL	P3238-14DL	BN032928.D	07/24/2024	02:08
A4D44	P3215-16	BN032929.D	07/24/2024	02:44
A4D43	P3215-15	BN032930.D	07/24/2024	03:20
A4C08	P3215-05	BN032931.D	07/24/2024	03:57
A4C12	P3215-07	BN032932.D	07/24/2024	04:33
A4D31	P3215-14	BN032933.D	07/24/2024	05:09
SLCS058	PB162058BS	BN032934.D	07/24/2024	05:45
A4D25DL	P3215-12DL	BN032935.D	07/24/2024	06:21
A4D23DL	P3215-08DL	BN032936.D	07/24/2024	06:57
SSTD0.4277	SSTDCCC0.4	BN032937.D	07/24/2024	08:10
SBLK058	PB162058BL	BN032938.D	07/24/2024	08:46