

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN071924 SAS No.: BN071924 SDG No.: BN071924

Instrument ID: BNA_N Calibration Date/Time: 7/19/2024 1:09:23

Lab File ID: BN032832.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4269 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	0.492	0.010	-10.1389	40.0
1,4-Dioxane-d8	0.480	0.465	0.010	-3.1987	40.0
Naphthalene	1.074	1.016	0.600	-5.3804	30.0
1-Methylnaphthalene	0.693	0.661	0.300	-4.6342	30.0
2-Methylnaphthalene	0.670	0.617	0.300	-7.9418	30.0
Acenaphthylene	1.616	1.611	0.900	-0.3352	30.0
Acenaphthene	1.336	1.219	0.500	-8.8023	30.0
Fluorene	1.528	1.179	0.700	-22.8334	30.0
Pentachlorophenol	0.070	0.068	0.010	-3.0596	50.0
Phenanthrene	1.089	0.962	0.300	-11.6789	30.0
Anthracene	0.890	0.851	0.400	-4.3973	30.0
Fluoranthene	1.626	1.312	0.400	-19.298	30.0
Pyrene	1.683	1.365	0.500	-18.9039	30.0
Benzo (a) anthracene	1.273	1.228	0.400	-3.5479	30.0
Chrysene	1.842	1.464	0.400	-20.5336	30.0
Benzo (b) fluoranthene	1.411	1.100	0.200	-22.038	30.0
Benzo (k) fluoranthene	1.720	1.276	0.200	-25.8119	30.0
Benzo (a) pyrene	1.221	1.144	0.200	-6.3433	30.0
Indeno (1,2,3-cd) pyrene	1.654	1.423	0.200	-13.9266	30.0
Dibenzo (a,h) anthracene	1.282	1.137	0.200	-11.3123	30.0
Benzo (g,h,i) perylene	1.382	1.189	0.200	-13.9757	30.0
Fluoranthene-d10	1.304	1.084	0.400	-16.8132	30.0
2-Methylnaphthalene-d10	0.605	0.560	0.300	-7.4111	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.: BN071924 SAS No.: BN071924 SDG No.: BN071924

Instrument ID: BNA_N Calibration Date/Time: 7/19/2024 1:13:59

Lab File ID: BN032839.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4270 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	0.535	0.010	-2.2363	40.0
1,4-Dioxane-d8	0.480	0.493	0.010	2.7381	40.0
Naphthalene	1.074	1.021	0.600	-4.972	30.0
1-Methylnaphthalene	0.693	0.642	0.300	-7.4024	30.0
2-Methylnaphthalene	0.670	0.603	0.300	-10.1392	30.0
Acenaphthylene	1.616	1.589	0.900	-1.6636	30.0
Acenaphthene	1.336	1.220	0.500	-8.7014	30.0
Fluorene	1.528	1.202	0.700	-21.3524	30.0
Pentachlorophenol	0.070	0.070	0.010	0.2904	50.0
Phenanthrene	1.089	0.945	0.300	-13.2392	30.0
Anthracene	0.890	0.855	0.400	-3.9208	30.0
Fluoranthene	1.626	1.264	0.400	-22.2755	30.0
Pyrene	1.683	1.314	0.500	-21.947	30.0
Benzo (a) anthracene	1.273	1.166	0.400	-8.4189	30.0
Chrysene	1.842	1.514	0.400	-17.8057	30.0
Benzo (b) fluoranthene	1.411	1.076	0.200	-23.7709	30.0
Benzo (k) fluoranthene	1.720	1.309	0.200	-23.8771	30.0
Benzo (a) pyrene	1.221	1.141	0.200	-6.566	30.0
Indeno (1,2,3-cd) pyrene	1.654	1.438	0.200	-13.0697	30.0
Dibenzo (a,h) anthracene	1.282	1.151	0.200	-10.2431	30.0
Benzo (g,h,i) perylene	1.382	1.204	0.200	-12.8666	30.0
Fluoranthene-d10	1.304	1.053	0.400	-19.2577	30.0
2-Methylnaphthalene-d10	0.605	0.551	0.300	-8.8533	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.: BN071924 SAS No.: BN071924 SDG No.: BN071924
Instrument ID: BNA_N Calibration Date/Time: 7/20/2024 1:00:50
Lab File ID: BN032856.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4271 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	0.527	0.010	-3.6849	40.0
1,4-Dioxane-d8	0.480	0.479	0.010	-0.3616	40.0
Naphthalene	1.074	1.006	0.600	-6.3432	30.0
1-Methylnaphthalene	0.693	0.667	0.300	-3.7847	30.0
2-Methylnaphthalene	0.670	0.616	0.300	-8.1789	30.0
Acenaphthylene	1.616	1.638	0.900	1.3554	30.0
Acenaphthene	1.336	1.217	0.500	-8.9235	30.0
Fluorene	1.528	1.334	0.700	-12.7054	30.0
Pentachlorophenol	0.070	0.075	0.010	7.1316	50.0
Phenanthrene	1.089	0.950	0.300	-12.7479	30.0
Anthracene	0.890	0.879	0.400	-1.2126	30.0
Fluoranthene	1.626	1.339	0.400	-17.6362	30.0
Pyrene	1.683	1.378	0.500	-18.161	30.0
Benzo (a) anthracene	1.273	1.250	0.400	-1.8544	30.0
Chrysene	1.842	1.478	0.400	-19.7731	30.0
Benzo (b) fluoranthene	1.411	1.127	0.200	-20.1812	30.0
Benzo (k) fluoranthene	1.720	1.222	0.200	-28.9361	30.0
Benzo (a) pyrene	1.221	1.150	0.200	-5.8437	30.0
Indeno (1,2,3-cd) pyrene	1.654	1.435	0.200	-13.2254	30.0
Dibenzo (a,h) anthracene	1.282	1.152	0.200	-10.1688	30.0
Benzo (g,h,i) perylene	1.382	1.180	0.200	-14.6461	30.0
Fluoranthene-d10	1.304	1.085	0.400	-16.768	30.0
2-Methylnaphthalene-d10	0.605	0.567	0.300	-6.1879	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.: BN071924 SAS No.: BN071924 SDG No.: BN071924

Instrument ID: BNA_N Calibration Date/Time: 7/20/2024 11:39

Lab File ID: BN032873.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4272 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	0.468	0.010	-14.5071	50.0
1,4-Dioxane-d8	0.480	0.455	0.010	-5.2435	50.0
Naphthalene	1.074	0.999	0.600	-6.9515	50.0
1-Methylnaphthalene	0.693	0.650	0.300	-6.3104	50.0
2-Methylnaphthalene	0.670	0.605	0.300	-9.7702	50.0
Acenaphthylene	1.616	1.702	0.900	5.3148	50.0
Acenaphthene	1.336	1.213	0.500	-9.2727	50.0
Fluorene	1.528	1.197	0.700	-21.6322	50.0
Pentachlorophenol	0.070	0.070	0.010	0.2734	50.0
Phenanthrene	1.089	0.952	0.300	-12.6445	50.0
Anthracene	0.890	0.876	0.400	-1.5861	50.0
Fluoranthene	1.626	1.378	0.400	-15.2865	50.0
Pyrene	1.683	1.419	0.500	-15.7166	50.0
Benzo (a) anthracene	1.273	1.266	0.400	-0.5476	50.0
Chrysene	1.842	1.509	0.400	-18.0614	50.0
Benzo (b) fluoranthene	1.411	1.121	0.200	-20.5743	50.0
Benzo (k) fluoranthene	1.720	1.216	0.200	-29.2782	50.0
Benzo (a) pyrene	1.221	1.156	0.200	-5.3479	50.0
Indeno (1,2,3-cd) pyrene	1.654	1.448	0.200	-12.4379	50.0
Dibenzo (a,h) anthracene	1.282	1.161	0.200	-9.4183	50.0
Benzo (g,h,i) perylene	1.382	1.190	0.200	-13.9379	50.0
Fluoranthene-d10	1.304	1.107	0.400	-15.0706	50.0
2-Methylnaphthalene-d10	0.605	0.555	0.300	-8.2274	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SBLK090	SDG No.:	BN071924
Lab Sample ID:	PB162090BL	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
BN032833.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162090

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	4.916		15-120		61	SPK: -8
93951-69-0	Fluoranthene-d10	0.233		30-130		58	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.232		20-140		58	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4529		7.532			
1146-65-2	Naphthalene-d8	14182		10.299			
15067-26-2	Acenaphthene-d10	8023		14.179			

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SBLK090	SDG No.:	BN071924
Lab Sample ID:	PB162090BL	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
BN032833.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15815	16.944				
1719-03-5	Chrysene-d12	13790	21.173				
1520-96-3	Perylene-d12	14121	23.354				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	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:	A4DQ3	SDG No.:	BN071924
Lab Sample ID:	P3238-24	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	1000 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
BN032834.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/Kg
91-20-3	Naphthalene	7.2	E	0.01	0.02	0.1	ug/Kg
90-12-0	1-Methylnaphthalene	0.03	U	0.03	0.02	0.1	ug/Kg
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.02	0.1	ug/Kg
208-96-8	Acenaphthylene	3.2	E	0.01	0.02	0.1	ug/Kg
83-32-9	Acenaphthene	4	E	0.01	0.02	0.1	ug/Kg
86-73-7	Fluorene	1.1		0.02	0.02	0.1	ug/Kg
87-86-5	Pentachlorophenol	0.04	U	0.04	0.05	0.2	ug/Kg
85-01-8	Phenanthrene	8.7	E	0.02	0.02	0.1	ug/Kg
120-12-7	Anthracene	8.7	E	0.02	0.02	0.1	ug/Kg
206-44-0	Fluoranthene	1.4		0.02	0.02	0.1	ug/Kg
129-00-0	Pyrene	2.1	E	0.02	0.02	0.1	ug/Kg
56-55-3	Benzo(a)anthracene	1		0.01	0.02	0.1	ug/Kg
218-01-9	Chrysene	4.4	E	0.01	0.02	0.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	2.3	E	0.01	0.02	0.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.52		0.01	0.02	0.1	ug/Kg
50-32-8	Benzo(a)pyrene	3.5	E	0.01	0.02	0.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.7	E	0.03	0.02	0.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.9	E	0.03	0.02	0.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5	E	0.03	0.02	0.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.242		15-120		30	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.176		30-130		44	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.179		20-140		45	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3687		7.536			
1146-65-2	Naphthalene-d8	12280		10.299			
15067-26-2	Acenaphthene-d10	6416		14.184			

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:	A4DQ3	SDG No.:	BN071924
Lab Sample ID:	P3238-24	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	1000 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
BN032834.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11379	16.944				
1719-03-5	Chrysene-d12	9914	21.162				
1520-96-3	Perylene-d12	11707	23.357				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	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:	A4DQ3DL	SDG No.:	BN071924
Lab Sample ID:	P3238-24DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	1000 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
BN032835.D	10	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.33	U	0.33	0	2	ug/Kg
91-20-3	Naphthalene	7.9	D	0.11	0.25	0.99	ug/Kg
90-12-0	1-Methylnaphthalene	0.26	U	0.26	0.25	0.99	ug/Kg
91-57-6	2-Methylnaphthalene	0.1	U	0.1	0.25	0.99	ug/Kg
208-96-8	Acenaphthylene	3.3	D	0.14	0.25	0.99	ug/Kg
83-32-9	Acenaphthene	4.4	D	0.12	0.25	0.99	ug/Kg
86-73-7	Fluorene	1.2	D	0.2	0.25	0.99	ug/Kg
87-86-5	Pentachlorophenol	0.42	U	0.42	0.5	2	ug/Kg
85-01-8	Phenanthrene	9.1	D	0.15	0.25	0.99	ug/Kg
120-12-7	Anthracene	8.3	D	0.16	0.25	0.99	ug/Kg
206-44-0	Fluoranthene	1.5	D	0.2	0.25	0.99	ug/Kg
129-00-0	Pyrene	2.3	D	0.16	0.25	0.99	ug/Kg
56-55-3	Benzo(a)anthracene	1.2	D	0.13	0.25	0.99	ug/Kg
218-01-9	Chrysene	5	D	0.13	0.25	0.99	ug/Kg
205-99-2	Benzo(b)fluoranthene	2.5	D	0.06	0.25	0.99	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.67	JD	0.12	0.25	0.99	ug/Kg
50-32-8	Benzo(a)pyrene	3.9	D	0.11	0.25	0.99	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	D	0.26	0.25	0.99	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.1	D	0.27	0.25	0.99	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5.7	D	0.29	0.25	0.99	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.41		15-120		51	SPK: -0.8
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	2942		7.54			
1146-65-2	Naphthalene-d8	9176		10.316			
15067-26-2	Acenaphthene-d10	5369		14.188			

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:	A4DQ3DL	SDG No.:	BN071924
Lab Sample ID:	P3238-24DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	1000 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
BN032835.D	10	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10329	16.953				
1719-03-5	Chrysene-d12	9320	21.173				
1520-96-3	Perylene-d12	11500	23.365				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.33	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SLCS090	SDG No.:	BN071924
Lab Sample ID:	PB162090BS	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
BN032836.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	54		1.1	0	6.7	ug/Kg
91-20-3	Naphthalene	10		0.37	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	9.5		0.85	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	9.5		0.34	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	10		0.47	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	10		0.39	0.83	3.3	ug/Kg
86-73-7	Fluorene	8.6		0.68	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	23		1.4	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	9.5		0.51	0.83	3.3	ug/Kg
120-12-7	Anthracene	10		0.52	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	9		0.68	0.83	3.3	ug/Kg
129-00-0	Pyrene	9.3		0.52	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	10		0.42	0.83	3.3	ug/Kg
218-01-9	Chrysene	9.4		0.42	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	8.8		0.21	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	8.6		0.39	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	10		0.36	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	10		0.86	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	10		0.89	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	9.7		0.98	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.685		15-120		86	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.293		30-130		73	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.306		20-140		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2733	7.548				
1146-65-2	Naphthalene-d8	8874	10.321				
15067-26-2	Acenaphthene-d10	5073	14.193				

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SLCS090	SDG No.:	BN071924
Lab Sample ID:	PB162090BS	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
BN032836.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9108	16.965				
1719-03-5	Chrysene-d12	8151	21.173				
1520-96-3	Perylene-d12	10047	23.368				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	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:	A4BY4	SDG No.:	BN071924
Lab Sample ID:	P3178-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	34.5
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
BN032837.D	1	7/12/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162048

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	2.9	J	0.56	1.3	5	ug/Kg
90-12-0	1-Methylnaphthalene	1.3	U	1.3	1.3	5	ug/Kg
91-57-6	2-Methylnaphthalene	1.7	J	0.52	1.3	5	ug/Kg
208-96-8	Acenaphthylene	4.4	J	0.72	1.3	5	ug/Kg
83-32-9	Acenaphthene	4.1	J	0.6	1.3	5	ug/Kg
86-73-7	Fluorene	4.4	J	1	1.3	5	ug/Kg
87-86-5	Pentachlorophenol	2.1	U	2.1	2.6	10	ug/Kg
85-01-8	Phenanthrene	44		0.78	1.3	5	ug/Kg
120-12-7	Anthracene	14		0.79	1.3	5	ug/Kg
206-44-0	Fluoranthene	65		1	1.3	5	ug/Kg
129-00-0	Pyrene	60		0.79	1.3	5	ug/Kg
56-55-3	Benzo(a)anthracene	42		0.64	1.3	5	ug/Kg
218-01-9	Chrysene	26		0.64	1.3	5	ug/Kg
205-99-2	Benzo(b)fluoranthene	44		0.32	1.3	5	ug/Kg
207-08-9	Benzo(k)fluoranthene	14		0.6	1.3	5	ug/Kg
50-32-8	Benzo(a)pyrene	39		0.55	1.3	5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	20		1.3	1.3	5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5.8		1.4	1.3	5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25		1.5	1.3	5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.236		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.209		30-130		52	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.222		20-140		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3313		7.532			
1146-65-2	Naphthalene-d8	9976		10.299			
15067-26-2	Acenaphthene-d10	5306		14.184			

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:	A4BY4	SDG No.:	BN071924
Lab Sample ID:	P3178-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	34.5
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
BN032837.D	1	7/12/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10235	16.944				
1719-03-5	Chrysene-d12	8855	21.165				
1520-96-3	Perylene-d12	9278	23.354				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	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:	A4BT2	SDG No.:	BN071924
Lab Sample ID:	P3178-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.8
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
BN032838.D	1	7/12/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	U	1.4	0	8.3	ug/Kg
91-20-3	Naphthalene	1.4	J	0.46	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	1	U	1	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	0.42	U	0.42	1	4.1	ug/Kg
208-96-8	Acenaphthylene	0.58	U	0.58	1	4.1	ug/Kg
83-32-9	Acenaphthene	1.8	J	0.48	1	4.1	ug/Kg
86-73-7	Fluorene	1.8	J	0.84	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2.1	8.3	ug/Kg
85-01-8	Phenanthrene	14		0.63	1	4.1	ug/Kg
120-12-7	Anthracene	3.5	J	0.64	1	4.1	ug/Kg
206-44-0	Fluoranthene	13		0.84	1	4.1	ug/Kg
129-00-0	Pyrene	11		0.64	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	6.9		0.52	1	4.1	ug/Kg
218-01-9	Chrysene	4.6		0.52	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	8.4		0.26	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	2.5	J	0.48	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	6.6		0.44	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3.4	J	1.1	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.1	J	1.1	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4.1		1.2	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.414		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.213		30-130		53	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.21		20-140		52	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3052		7.532			
1146-65-2	Naphthalene-d8	9285		10.299			
15067-26-2	Acenaphthene-d10	4957		14.184			

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:	A4BT2	SDG No.:	BN071924
Lab Sample ID:	P3178-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.8
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
BN032838.D	1	7/12/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9178	16.944				
1719-03-5	Chrysene-d12	7890	21.171				
1520-96-3	Perylene-d12	7781	23.357				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SBLK090	SDG No.:	BN071924
Lab Sample ID:	PB162090BL	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
BN032840.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162090

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	4.842		15-120		61	SPK: -8
93951-69-0	Fluoranthene-d10	0.231		30-130		58	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.231		20-140		58	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3612		7.532			
1146-65-2	Naphthalene-d8	11262		10.299			
15067-26-2	Acenaphthene-d10	6212		14.184			

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SBLK090	SDG No.:	BN071924
Lab Sample ID:	PB162090BL	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
BN032840.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11546	16.944				
1719-03-5	Chrysene-d12	9709	21.179				
1520-96-3	Perylene-d12	8956	23.36				
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:	A4BE6	SDG No.:	BN071924
Lab Sample ID:	P3238-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.2
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
BN032841.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	U	1.4	0	8.4	ug/Kg
91-20-3	Naphthalene	370	E	0.46	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	160	E	1.1	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	200	E	0.43	1	4.1	ug/Kg
208-96-8	Acenaphthylene	110	E	0.59	1	4.1	ug/Kg
83-32-9	Acenaphthene	590	E	0.49	1	4.1	ug/Kg
86-73-7	Fluorene	580	E	0.85	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	2.3	J	1.8	2.1	8.4	ug/Kg
85-01-8	Phenanthrene	6000	E	0.64	1	4.1	ug/Kg
120-12-7	Anthracene	2000	E	0.65	1	4.1	ug/Kg
206-44-0	Fluoranthene	6400	E	0.85	1	4.1	ug/Kg
129-00-0	Pyrene	4700	E	0.65	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	3900	E	0.53	1	4.1	ug/Kg
218-01-9	Chrysene	2600	E	0.53	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	2200	E	0.26	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	710	E	0.49	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	1100	E	0.45	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	710	E	1.1	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	370	E	1.1	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	E	1.2	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.737		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.309		30-130		77	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.276		20-140		69	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3935		7.531			
1146-65-2	Naphthalene-d8	11712		10.294			
15067-26-2	Acenaphthene-d10	7170		14.179			

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:	A4BE6	SDG No.:	BN071924
Lab Sample ID:	P3238-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.2
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
BN032841.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13423	16.94				
1719-03-5	Chrysene-d12	10328	21.162				
1520-96-3	Perylene-d12	20623	23.354				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	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:	A4BE6MS	SDG No.:	BN071924
Lab Sample ID:	P3238-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.2
Sample Wt/Vol:	30.06 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
BN032842.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27		1.4	0	8.4	ug/Kg
91-20-3	Naphthalene	280	E	0.46	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	110	E	1.1	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	150	E	0.43	1	4.1	ug/Kg
208-96-8	Acenaphthylene	75	E	0.59	1	4.1	ug/Kg
83-32-9	Acenaphthene	410	E	0.49	1	4.1	ug/Kg
86-73-7	Fluorene	370	E	0.85	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	22		1.8	2.1	8.4	ug/Kg
85-01-8	Phenanthrene	3400	E	0.64	1	4.1	ug/Kg
120-12-7	Anthracene	910	E	0.65	1	4.1	ug/Kg
206-44-0	Fluoranthene	3900	E	0.85	1	4.1	ug/Kg
129-00-0	Pyrene	2700	E	0.65	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	2300	E	0.53	1	4.1	ug/Kg
218-01-9	Chrysene	1600	E	0.53	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500	E	0.26	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	560	E	0.49	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	720	E	0.45	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	470	E	1.1	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	230	E	1.1	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	82	E	1.2	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.27		15-120		34	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.222		30-130		56	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.213		20-140		53	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3926		7.536			
1146-65-2	Naphthalene-d8	12971		10.299			
15067-26-2	Acenaphthene-d10	7626		14.179			

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:	A4BE6MS	SDG No.:	BN071924
Lab Sample ID:	P3238-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.2
Sample Wt/Vol:	30.06 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
BN032842.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13577	16.94				
1719-03-5	Chrysene-d12	9912	21.159				
1520-96-3	Perylene-d12	16390	23.351				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	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:	A4BE6MSD	SDG No.:	BN071924
Lab Sample ID:	P3238-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.2
Sample Wt/Vol:	30.07 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
BN032843.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29		1.4	0	8.4	ug/Kg
91-20-3	Naphthalene	280	E	0.46	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	110	E	1.1	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	160	E	0.43	1	4.1	ug/Kg
208-96-8	Acenaphthylene	93	E	0.59	1	4.1	ug/Kg
83-32-9	Acenaphthene	410	E	0.49	1	4.1	ug/Kg
86-73-7	Fluorene	400	E	0.85	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	23		1.8	2.1	8.4	ug/Kg
85-01-8	Phenanthrene	3300	E	0.64	1	4.1	ug/Kg
120-12-7	Anthracene	910	E	0.65	1	4.1	ug/Kg
206-44-0	Fluoranthene	3700	E	0.85	1	4.1	ug/Kg
129-00-0	Pyrene	2600	E	0.65	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	2300	E	0.53	1	4.1	ug/Kg
218-01-9	Chrysene	1500	E	0.53	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500	E	0.26	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	550	E	0.49	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	710	E	0.45	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	460	E	1.1	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	230	E	1.1	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	E	1.2	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.315		15-120		39	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.218		30-130		54	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.221		20-140		55	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3385		7.532			
1146-65-2	Naphthalene-d8	10593		10.299			
15067-26-2	Acenaphthene-d10	6981		14.179			

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:	A4BE6MSD	SDG No.:	BN071924
Lab Sample ID:	P3238-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.2
Sample Wt/Vol:	30.07 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
BN032843.D	1	7/16/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15236	16.94				
1719-03-5	Chrysene-d12	11907	21.162				
1520-96-3	Perylene-d12	19854	23.357				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	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:	A4BS8	SDG No.:	BN071924
Lab Sample ID:	P3178-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	55.4
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
BN032844.D	1	7/12/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.5	U	2.5	0	15	ug/Kg
91-20-3	Naphthalene	18		0.83	1.8	7.4	ug/Kg
90-12-0	1-Methylnaphthalene	8.4		1.9	1.8	7.4	ug/Kg
91-57-6	2-Methylnaphthalene	12		0.76	1.8	7.4	ug/Kg
208-96-8	Acenaphthylene	17		1.1	1.8	7.4	ug/Kg
83-32-9	Acenaphthene	31		0.87	1.8	7.4	ug/Kg
86-73-7	Fluorene	27		1.5	1.8	7.4	ug/Kg
87-86-5	Pentachlorophenol	3.1	U	3.1	3.7	15	ug/Kg
85-01-8	Phenanthrene	410	E	1.1	1.8	7.4	ug/Kg
120-12-7	Anthracene	73		1.2	1.8	7.4	ug/Kg
206-44-0	Fluoranthene	480	E	1.5	1.8	7.4	ug/Kg
129-00-0	Pyrene	310	E	1.2	1.8	7.4	ug/Kg
56-55-3	Benzo(a)anthracene	300	E	0.94	1.8	7.4	ug/Kg
218-01-9	Chrysene	220	E	0.94	1.8	7.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	330	E	0.47	1.8	7.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	100		0.87	1.8	7.4	ug/Kg
50-32-8	Benzo(a)pyrene	120		0.8	1.8	7.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	85		1.9	1.8	7.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45		2	1.8	7.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	15		2.2	1.8	7.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.216		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.222		30-130		56	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	3963		7.527			
1146-65-2	Naphthalene-d8	12659		10.299			
15067-26-2	Acenaphthene-d10	6791		14.184			

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:	A4BS8	SDG No.:	BN071924
Lab Sample ID:	P3178-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	55.4
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
BN032844.D	1	7/12/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11893	16.94				
1719-03-5	Chrysene-d12	9605	21.162				
1520-96-3	Perylene-d12	10726	23.354				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2.5	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:	A4BS9	SDG No.:	BN071924
Lab Sample ID:	P3178-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	35.1
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
BN032845.D	1	7/12/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162048

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	1.7	J	0.57	1.3	5.1	ug/Kg
90-12-0	1-Methylnaphthalene	1.3	U	1.3	1.3	5.1	ug/Kg
91-57-6	2-Methylnaphthalene	1.1	J	0.52	1.3	5.1	ug/Kg
208-96-8	Acenaphthylene	4.1	J	0.72	1.3	5.1	ug/Kg
83-32-9	Acenaphthene	1.8	J	0.6	1.3	5.1	ug/Kg
86-73-7	Fluorene	2.3	J	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	19		0.79	1.3	5.1	ug/Kg
120-12-7	Anthracene	7		0.8	1.3	5.1	ug/Kg
206-44-0	Fluoranthene	31		1	1.3	5.1	ug/Kg
129-00-0	Pyrene	31		0.8	1.3	5.1	ug/Kg
56-55-3	Benzo(a)anthracene	22		0.65	1.3	5.1	ug/Kg
218-01-9	Chrysene	13		0.65	1.3	5.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	21		0.32	1.3	5.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	7.6		0.6	1.3	5.1	ug/Kg
50-32-8	Benzo(a)pyrene	20		0.55	1.3	5.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	10		1.3	1.3	5.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3.1	J	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	2.806		15-120		35	SPK: -8
93951-69-0	Fluoranthene-d10	0.2		30-130		50	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.194		20-140		49	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3797		7.531			
1146-65-2	Naphthalene-d8	11785		10.299			
15067-26-2	Acenaphthene-d10	6274		14.183			

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:	A4BS9	SDG No.:	BN071924
Lab Sample ID:	P3178-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	35.1
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
BN032845.D	1	7/12/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11332	16.944				
1719-03-5	Chrysene-d12	9509	21.162				
1520-96-3	Perylene-d12	10414	23.356				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	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:	A4BT2MS	SDG No.:	BN071924
Lab Sample ID:	P3178-18MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.8
Sample Wt/Vol:	30.08 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
BN032846.D	1	7/12/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	41		1.4	0	8.2	ug/Kg
91-20-3	Naphthalene	23		0.45	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	13		1	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	16		0.42	1	4.1	ug/Kg
208-96-8	Acenaphthylene	13		0.58	1	4.1	ug/Kg
83-32-9	Acenaphthene	22		0.48	1	4.1	ug/Kg
86-73-7	Fluorene	21		0.84	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	21		1.7	2.1	8.2	ug/Kg
85-01-8	Phenanthrene	140	E	0.63	1	4.1	ug/Kg
120-12-7	Anthracene	35		0.64	1	4.1	ug/Kg
206-44-0	Fluoranthene	110	E	0.84	1	4.1	ug/Kg
129-00-0	Pyrene	87	E	0.64	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	59		0.52	1	4.1	ug/Kg
218-01-9	Chrysene	39		0.52	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	45		0.26	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	21		0.48	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	42		0.44	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	25		1.1	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	14		1.1	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26		1.2	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.419		15-120		52	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.253		30-130		63	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	3462		7.536			
1146-65-2	Naphthalene-d8	11210		10.305			
15067-26-2	Acenaphthene-d10	5935		14.184			

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:	A4BT2MS	SDG No.:	BN071924
Lab Sample ID:	P3178-18MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.8
Sample Wt/Vol:	30.08 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
BN032846.D	1	7/12/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10602	16.948				
1719-03-5	Chrysene-d12	9445	21.162				
1520-96-3	Perylene-d12	11836	23.357				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	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:	A4BT2MSD	SDG No.:	BN071924
Lab Sample ID:	P3178-19MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.8
Sample Wt/Vol:	30.07 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
BN032847.D	1	7/12/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	38		1.4	0	8.2	ug/Kg
91-20-3	Naphthalene	22		0.45	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	14		1	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	16		0.42	1	4.1	ug/Kg
208-96-8	Acenaphthylene	12		0.58	1	4.1	ug/Kg
83-32-9	Acenaphthene	22		0.48	1	4.1	ug/Kg
86-73-7	Fluorene	21		0.84	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	20		1.7	2.1	8.2	ug/Kg
85-01-8	Phenanthrene	130	E	0.63	1	4.1	ug/Kg
120-12-7	Anthracene	34		0.64	1	4.1	ug/Kg
206-44-0	Fluoranthene	110	E	0.84	1	4.1	ug/Kg
129-00-0	Pyrene	84	E	0.64	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	57		0.52	1	4.1	ug/Kg
218-01-9	Chrysene	39		0.52	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	45		0.26	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	21		0.48	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	41		0.44	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	25		1.1	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	14		1.1	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26		1.2	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.404		15-120		50	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.248		30-130		62	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	3618		7.536			
1146-65-2	Naphthalene-d8	11463		10.305			
15067-26-2	Acenaphthene-d10	6140		14.184			

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:	A4BT2MSD	SDG No.:	BN071924
Lab Sample ID:	P3178-19MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.8
Sample Wt/Vol:	30.07 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
BN032847.D	1	7/12/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10343	16.948				
1719-03-5	Chrysene-d12	9031	21.159				
1520-96-3	Perylene-d12	11247	23.354				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	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:	A4BT3	SDG No.:	BN071924
Lab Sample ID:	P3178-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.9
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
BN032848.D	1	7/12/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	U	1.4	0	8.6	ug/Kg
91-20-3	Naphthalene	18		0.47	1.1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	5.8		1.1	1.1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	9.5		0.43	1.1	4.2	ug/Kg
208-96-8	Acenaphthylene	2	J	0.6	1.1	4.2	ug/Kg
83-32-9	Acenaphthene	29		0.5	1.1	4.2	ug/Kg
86-73-7	Fluorene	27		0.87	1.1	4.2	ug/Kg
87-86-5	Pentachlorophenol	1.8	U	1.8	2.1	8.6	ug/Kg
85-01-8	Phenanthrene	210	E	0.65	1.1	4.2	ug/Kg
120-12-7	Anthracene	46		0.66	1.1	4.2	ug/Kg
206-44-0	Fluoranthene	160	E	0.87	1.1	4.2	ug/Kg
129-00-0	Pyrene	120	E	0.66	1.1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	84	E	0.54	1.1	4.2	ug/Kg
218-01-9	Chrysene	48		0.54	1.1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	78	E	0.27	1.1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	24		0.5	1.1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	67		0.46	1.1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34		1.1	1.1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	11		1.1	1.1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39		1.3	1.1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.792		15-120		35	SPK: -8
93951-69-0	Fluoranthene-d10	0.199		30-130		50	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	3803		7.532			
1146-65-2	Naphthalene-d8	11383		10.299			
15067-26-2	Acenaphthene-d10	6240		14.184			

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:	A4BT3	SDG No.:	BN071924
Lab Sample ID:	P3178-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.9
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
BN032848.D	1	7/12/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10874	16.94				
1719-03-5	Chrysene-d12	9409	21.159				
1520-96-3	Perylene-d12	9938	23.354				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	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:	A4BT6	SDG No.:	BN071924
Lab Sample ID:	P3178-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	48.8
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
BN032849.D	1	7/12/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.1	U	2.1	0	13	ug/Kg
91-20-3	Naphthalene	9.3		0.72	1.6	6.4	ug/Kg
90-12-0	1-Methylnaphthalene	2.8	J	1.7	1.6	6.4	ug/Kg
91-57-6	2-Methylnaphthalene	4	J	0.66	1.6	6.4	ug/Kg
208-96-8	Acenaphthylene	12		0.91	1.6	6.4	ug/Kg
83-32-9	Acenaphthene	6.6		0.76	1.6	6.4	ug/Kg
86-73-7	Fluorene	7.1		1.3	1.6	6.4	ug/Kg
87-86-5	Pentachlorophenol	2.7	U	2.7	3.3	13	ug/Kg
85-01-8	Phenanthrene	100	E	0.99	1.6	6.4	ug/Kg
120-12-7	Anthracene	25		1	1.6	6.4	ug/Kg
206-44-0	Fluoranthene	190	E	1.3	1.6	6.4	ug/Kg
129-00-0	Pyrene	110	E	1	1.6	6.4	ug/Kg
56-55-3	Benzo(a)anthracene	110	E	0.82	1.6	6.4	ug/Kg
218-01-9	Chrysene	85		0.82	1.6	6.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	E	0.41	1.6	6.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	43		0.76	1.6	6.4	ug/Kg
50-32-8	Benzo(a)pyrene	46		0.7	1.6	6.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36		1.7	1.6	6.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	20		1.7	1.6	6.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	6.4		1.9	1.6	6.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.067		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.223		30-130		56	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.221		20-140		55	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4011		7.528			
1146-65-2	Naphthalene-d8	13066		10.299			
15067-26-2	Acenaphthene-d10	6905		14.179			

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:	A4BT6	SDG No.:	BN071924
Lab Sample ID:	P3178-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	48.8
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
BN032849.D	1	7/12/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11940	16.94				
1719-03-5	Chrysene-d12	9103	21.159				
1520-96-3	Perylene-d12	9950	23.351				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2.1	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:	A4BT7	SDG No.:	BN071924
Lab Sample ID:	P3178-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18
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
BN032850.D	1	7/12/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	8.1	ug/Kg
91-20-3	Naphthalene	0.45	U	0.45	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	1	U	1	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	0.41	U	0.41	1	4	ug/Kg
208-96-8	Acenaphthylene	1.7	J	0.57	1	4	ug/Kg
83-32-9	Acenaphthene	0.47	U	0.47	1	4	ug/Kg
86-73-7	Fluorene	0.83	U	0.83	1	4	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2	8.1	ug/Kg
85-01-8	Phenanthrene	4.3		0.62	1	4	ug/Kg
120-12-7	Anthracene	1.4	J	0.63	1	4	ug/Kg
206-44-0	Fluoranthene	7.3		0.83	1	4	ug/Kg
129-00-0	Pyrene	7.2		0.63	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	5.6		0.51	1	4	ug/Kg
218-01-9	Chrysene	3.7	J	0.51	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	6.9		0.26	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	1.9	J	0.47	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	5		0.44	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3.1	J	1	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.1	U	1.1	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3.9	J	1.2	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.328		15-120		29	SPK: -8
93951-69-0	Fluoranthene-d10	0.172		30-130		43	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.165		20-140		41	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4135		7.532			
1146-65-2	Naphthalene-d8	12870		10.299			
15067-26-2	Acenaphthene-d10	6884		14.179			

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:	A4BT7	SDG No.:	BN071924
Lab Sample ID:	P3178-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18
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
BN032850.D	1	7/12/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12312	16.944				
1719-03-5	Chrysene-d12	10217	21.165				
1520-96-3	Perylene-d12	11187	23.351				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	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:	A4BW0	SDG No.:	BN071924
Lab Sample ID:	P3178-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.8
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
BN032851.D	1	7/12/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	U	1.4	0	8.8	ug/Kg
91-20-3	Naphthalene	1.1	J	0.48	1.1	4.3	ug/Kg
90-12-0	1-Methylnaphthalene	1.1	U	1.1	1.1	4.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.44	U	0.44	1.1	4.3	ug/Kg
208-96-8	Acenaphthylene	1.7	J	0.61	1.1	4.3	ug/Kg
83-32-9	Acenaphthene	1.5	J	0.51	1.1	4.3	ug/Kg
86-73-7	Fluorene	1.4	J	0.89	1.1	4.3	ug/Kg
87-86-5	Pentachlorophenol	1.8	U	1.8	2.2	8.8	ug/Kg
85-01-8	Phenanthrene	13		0.67	1.1	4.3	ug/Kg
120-12-7	Anthracene	4.1	J	0.68	1.1	4.3	ug/Kg
206-44-0	Fluoranthene	16		0.89	1.1	4.3	ug/Kg
129-00-0	Pyrene	15		0.68	1.1	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	10		0.55	1.1	4.3	ug/Kg
218-01-9	Chrysene	6.3		0.55	1.1	4.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	12		0.27	1.1	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	3.4	J	0.51	1.1	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	9.9		0.47	1.1	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5.3		1.1	1.1	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.6	J	1.2	1.1	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	6.4		1.3	1.1	4.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.161		15-120		27	SPK: -8
93951-69-0	Fluoranthene-d10	0.168		30-130		42	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.166		20-140		41	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3944		7.527			
1146-65-2	Naphthalene-d8	13105		10.299			
15067-26-2	Acenaphthene-d10	7212		14.179			

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:	A4BW0	SDG No.:	BN071924
Lab Sample ID:	P3178-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.8
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
BN032851.D	1	7/12/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11519	16.94				
1719-03-5	Chrysene-d12	8921	21.162				
1520-96-3	Perylene-d12	9365	23.351				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	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:	A4BW1	SDG No.:	BN071924
Lab Sample ID:	P3178-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.6
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
BN032852.D	1	7/12/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162048

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	0.93	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	0.96	U	0.96	0.93	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	0.38	U	0.38	0.93	3.7	ug/Kg
208-96-8	Acenaphthylene	0.98	J	0.53	0.93	3.7	ug/Kg
83-32-9	Acenaphthene	0.44	U	0.44	0.93	3.7	ug/Kg
86-73-7	Fluorene	0.77	U	0.77	0.93	3.7	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.6	ug/Kg
85-01-8	Phenanthrene	1.6	J	0.58	0.93	3.7	ug/Kg
120-12-7	Anthracene	0.59	U	0.59	0.93	3.7	ug/Kg
206-44-0	Fluoranthene	2.9	J	0.77	0.93	3.7	ug/Kg
129-00-0	Pyrene	2.5	J	0.59	0.93	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	2.3	J	0.47	0.93	3.7	ug/Kg
218-01-9	Chrysene	1.6	J	0.47	0.93	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	2.9	J	0.24	0.93	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.9	J	0.44	0.93	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	1.9	J	0.41	0.93	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.2	J	0.97	0.93	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1	U	1	0.93	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.5	J	1.1	0.93	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.301		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.237		30-130		59	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.222		20-140		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3645		7.527			
1146-65-2	Naphthalene-d8	11291		10.299			
15067-26-2	Acenaphthene-d10	6107		14.179			

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:	A4BW1	SDG No.:	BN071924
Lab Sample ID:	P3178-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.6
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
BN032852.D	1	7/12/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10707	16.94				
1719-03-5	Chrysene-d12	9024	21.165				
1520-96-3	Perylene-d12	9252	23.348				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	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:	A4BT0	SDG No.:	BN071924
Lab Sample ID:	P3178-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.5
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
BN032853.D	1	7/12/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	7.8	ug/Kg
91-20-3	Naphthalene	2.8	J	0.43	0.96	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	0.99	U	0.99	0.96	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	1.2	J	0.4	0.96	3.8	ug/Kg
208-96-8	Acenaphthylene	1.6	J	0.55	0.96	3.8	ug/Kg
83-32-9	Acenaphthene	4.4		0.45	0.96	3.8	ug/Kg
86-73-7	Fluorene	3.7	J	0.79	0.96	3.8	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	2	7.8	ug/Kg
85-01-8	Phenanthrene	36		0.59	0.96	3.8	ug/Kg
120-12-7	Anthracene	11		0.61	0.96	3.8	ug/Kg
206-44-0	Fluoranthene	44		0.79	0.96	3.8	ug/Kg
129-00-0	Pyrene	37		0.61	0.96	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	27		0.49	0.96	3.8	ug/Kg
218-01-9	Chrysene	15		0.49	0.96	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	28		0.24	0.96	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	7.6		0.45	0.96	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	22		0.42	0.96	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	11		1	0.96	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3.4	J	1	0.96	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	13		1.1	0.96	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.921		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.216		30-130		54	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.201		20-140		50	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3709		7.527			
1146-65-2	Naphthalene-d8	11357		10.299			
15067-26-2	Acenaphthene-d10	6056		14.179			

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:	A4BT0	SDG No.:	BN071924
Lab Sample ID:	P3178-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.5
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
BN032853.D	1	7/12/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10633	16.94				
1719-03-5	Chrysene-d12	8971	21.159				
1520-96-3	Perylene-d12	9787	23.348				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	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:	A4BT8	SDG No.:	BN071924
Lab Sample ID:	P3178-13	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
BN032854.D	1	7/12/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.6	U	2.6	0	16	ug/Kg
91-20-3	Naphthalene	7.5	J	0.88	2	7.8	ug/Kg
90-12-0	1-Methylnaphthalene	3.1	J	2	2	7.8	ug/Kg
91-57-6	2-Methylnaphthalene	4.3	J	0.81	2	7.8	ug/Kg
208-96-8	Acenaphthylene	11		1.1	2	7.8	ug/Kg
83-32-9	Acenaphthene	11		0.92	2	7.8	ug/Kg
86-73-7	Fluorene	11		1.6	2	7.8	ug/Kg
87-86-5	Pentachlorophenol	3.3	U	3.3	4	16	ug/Kg
85-01-8	Phenanthrene	160	E	1.2	2	7.8	ug/Kg
120-12-7	Anthracene	33		1.2	2	7.8	ug/Kg
206-44-0	Fluoranthene	300	E	1.6	2	7.8	ug/Kg
129-00-0	Pyrene	170	E	1.2	2	7.8	ug/Kg
56-55-3	Benzo(a)anthracene	180	E	1	2	7.8	ug/Kg
218-01-9	Chrysene	150	E	1	2	7.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	260	E	0.5	2	7.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	77		0.92	2	7.8	ug/Kg
50-32-8	Benzo(a)pyrene	80		0.85	2	7.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	68		2	2	7.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	36		2.1	2	7.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	13		2.3	2	7.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.723		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.255		30-130		64	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.253		20-140		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3825		7.528			
1146-65-2	Naphthalene-d8	12217		10.294			
15067-26-2	Acenaphthene-d10	6491		14.179			

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:	A4BT8	SDG No.:	BN071924
Lab Sample ID:	P3178-13	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
BN032854.D	1	7/12/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11042	16.94				
1719-03-5	Chrysene-d12	9008	21.156				
1520-96-3	Perylene-d12	10107	23.348				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2.6	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:	SLCS048	SDG No.:	BN071924
Lab Sample ID:	PB162048BS	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
BN032855.D	1	7/12/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	56		1.1	0	6.7	ug/Kg
91-20-3	Naphthalene	13		0.37	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	12		0.85	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	13		0.34	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	13		0.47	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	12		0.39	0.83	3.3	ug/Kg
86-73-7	Fluorene	12		0.68	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	32		1.4	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	12		0.51	0.83	3.3	ug/Kg
120-12-7	Anthracene	14		0.52	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	12		0.68	0.83	3.3	ug/Kg
129-00-0	Pyrene	12		0.52	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	15		0.42	0.83	3.3	ug/Kg
218-01-9	Chrysene	12		0.42	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	12		0.21	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	11		0.39	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	13		0.36	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	13		0.86	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	13		0.89	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	12		0.98	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.694		15-120		87	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.372		30-130		93	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.387		20-140		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3420		7.536			
1146-65-2	Naphthalene-d8	11206		10.309			
15067-26-2	Acenaphthene-d10	6341		14.187			

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:	SLCS048	SDG No.:	BN071924
Lab Sample ID:	PB162048BS	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
BN032855.D	1	7/12/2024 12:00:00 AM	7/19/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12912	16.956				
1719-03-5	Chrysene-d12	11658	21.163				
1520-96-3	Perylene-d12	14184	23.355				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	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:	SBLK048	SDG No.:	BN071924
Lab Sample ID:	PB162048BL	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
BN032857.D	1	7/12/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162048

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	4.664		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.289		30-130		72	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.274		20-140		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4293		7.527			
1146-65-2	Naphthalene-d8	14279		10.294			
15067-26-2	Acenaphthene-d10	7942		14.179			

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:	SBLK048	SDG No.:	BN071924
Lab Sample ID:	PB162048BL	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
BN032857.D	1	7/12/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12815	16.94				
1719-03-5	Chrysene-d12	9528	21.171				
1520-96-3	Perylene-d12	9617	23.351				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	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:	A4BT4	SDG No.:	BN071924
Lab Sample ID:	P3178-09	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
BN032858.D	1	7/12/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.2	U	2.2	0	13	ug/Kg
91-20-3	Naphthalene	19		0.73	1.6	6.5	ug/Kg
90-12-0	1-Methylnaphthalene	7		1.7	1.6	6.5	ug/Kg
91-57-6	2-Methylnaphthalene	9.6		0.67	1.6	6.5	ug/Kg
208-96-8	Acenaphthylene	44		0.93	1.6	6.5	ug/Kg
83-32-9	Acenaphthene	26		0.77	1.6	6.5	ug/Kg
86-73-7	Fluorene	24		1.3	1.6	6.5	ug/Kg
87-86-5	Pentachlorophenol	2.8	U	2.8	3.3	13	ug/Kg
85-01-8	Phenanthrene	370	E	1	1.6	6.5	ug/Kg
120-12-7	Anthracene	96		1	1.6	6.5	ug/Kg
206-44-0	Fluoranthene	710	E	1.3	1.6	6.5	ug/Kg
129-00-0	Pyrene	400	E	1	1.6	6.5	ug/Kg
56-55-3	Benzo(a)anthracene	420	E	0.83	1.6	6.5	ug/Kg
218-01-9	Chrysene	340	E	0.83	1.6	6.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	520	E	0.41	1.6	6.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	E	0.77	1.6	6.5	ug/Kg
50-32-8	Benzo(a)pyrene	160	E	0.71	1.6	6.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	E	1.7	1.6	6.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	74		1.8	1.6	6.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	21		1.9	1.6	6.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.519		15-120		31	SPK: -8
93951-69-0	Fluoranthene-d10	0.19		30-130		47	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.184		20-140		46	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4100		7.528			
1146-65-2	Naphthalene-d8	12787		10.294			
15067-26-2	Acenaphthene-d10	7443		14.179			

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:	A4BT4	SDG No.:	BN071924
Lab Sample ID:	P3178-09	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
BN032858.D	1	7/12/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14864	16.94				
1719-03-5	Chrysene-d12	12665	21.153				
1520-96-3	Perylene-d12	14890	23.345				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2.2	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:	A4BX9	SDG No.:	BN071924
Lab Sample ID:	P3178-01	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
BN032859.D	1	7/12/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	8	ug/Kg
91-20-3	Naphthalene	41		0.44	0.98	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	21		1	0.98	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	27		0.41	0.98	3.9	ug/Kg
208-96-8	Acenaphthylene	37		0.56	0.98	3.9	ug/Kg
83-32-9	Acenaphthene	66	E	0.46	0.98	3.9	ug/Kg
86-73-7	Fluorene	61		0.81	0.98	3.9	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2	8	ug/Kg
85-01-8	Phenanthrene	670	E	0.61	0.98	3.9	ug/Kg
120-12-7	Anthracene	170	E	0.62	0.98	3.9	ug/Kg
206-44-0	Fluoranthene	820	E	0.81	0.98	3.9	ug/Kg
129-00-0	Pyrene	440	E	0.62	0.98	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	470	E	0.5	0.98	3.9	ug/Kg
218-01-9	Chrysene	340	E	0.5	0.98	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	470	E	0.25	0.98	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	E	0.46	0.98	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	140	E	0.43	0.98	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	E	1	0.98	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	66	E	1.1	0.98	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	17		1.2	0.98	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.953		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.253		30-130		63	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	4304		7.527			
1146-65-2	Naphthalene-d8	13578		10.294			
15067-26-2	Acenaphthene-d10	8105		14.179			

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:	A4BX9	SDG No.:	BN071924
Lab Sample ID:	P3178-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.4
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
BN032859.D	1	7/12/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13311	16.94				
1719-03-5	Chrysene-d12	9830	21.153				
1520-96-3	Perylene-d12	12109	23.345				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	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:	A4BT1	SDG No.:	BN071924
Lab Sample ID:	P3178-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	57.2
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
BN032860.D	1	7/12/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.6	U	2.6	0	16	ug/Kg
91-20-3	Naphthalene	5.5	J	0.86	1.9	7.7	ug/Kg
90-12-0	1-Methylnaphthalene	2.5	J	2	1.9	7.7	ug/Kg
91-57-6	2-Methylnaphthalene	3.6	J	0.79	1.9	7.7	ug/Kg
208-96-8	Acenaphthylene	12		1.1	1.9	7.7	ug/Kg
83-32-9	Acenaphthene	11		0.91	1.9	7.7	ug/Kg
86-73-7	Fluorene	9.9		1.6	1.9	7.7	ug/Kg
87-86-5	Pentachlorophenol	3.3	U	3.3	3.9	16	ug/Kg
85-01-8	Phenanthrene	140	E	1.2	1.9	7.7	ug/Kg
120-12-7	Anthracene	32		1.2	1.9	7.7	ug/Kg
206-44-0	Fluoranthene	250	E	1.6	1.9	7.7	ug/Kg
129-00-0	Pyrene	140	E	1.2	1.9	7.7	ug/Kg
56-55-3	Benzo(a)anthracene	140	E	0.98	1.9	7.7	ug/Kg
218-01-9	Chrysene	120		0.98	1.9	7.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	210	E	0.49	1.9	7.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	64		0.91	1.9	7.7	ug/Kg
50-32-8	Benzo(a)pyrene	62		0.84	1.9	7.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	57		2	1.9	7.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28		2.1	1.9	7.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	10		2.3	1.9	7.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.339		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.242		30-130		60	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.25		20-140		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3713		7.527			
1146-65-2	Naphthalene-d8	11516		10.294			
15067-26-2	Acenaphthene-d10	6902		14.179			

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:	A4BT1	SDG No.:	BN071924
Lab Sample ID:	P3178-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	57.2
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
BN032860.D	1	7/12/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13287	16.94				
1719-03-5	Chrysene-d12	11914	21.156				
1520-96-3	Perylene-d12	12784	23.345				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2.6	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:	A4BT5	SDG No.:	BN071924
Lab Sample ID:	P3178-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	46.1
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
BN032861.D	1	7/12/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2	U	2	0	12	ug/Kg
91-20-3	Naphthalene	7.1		0.68	1.5	6.1	ug/Kg
90-12-0	1-Methylnaphthalene	2.1	J	1.6	1.5	6.1	ug/Kg
91-57-6	2-Methylnaphthalene	3.9	J	0.63	1.5	6.1	ug/Kg
208-96-8	Acenaphthylene	11		0.87	1.5	6.1	ug/Kg
83-32-9	Acenaphthene	3.4	J	0.72	1.5	6.1	ug/Kg
86-73-7	Fluorene	4	J	1.3	1.5	6.1	ug/Kg
87-86-5	Pentachlorophenol	2.6	U	2.6	3.1	12	ug/Kg
85-01-8	Phenanthrene	47		0.94	1.5	6.1	ug/Kg
120-12-7	Anthracene	15		0.96	1.5	6.1	ug/Kg
206-44-0	Fluoranthene	86		1.3	1.5	6.1	ug/Kg
129-00-0	Pyrene	81		0.96	1.5	6.1	ug/Kg
56-55-3	Benzo(a)anthracene	56		0.78	1.5	6.1	ug/Kg
218-01-9	Chrysene	44		0.78	1.5	6.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	77		0.39	1.5	6.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	25		0.72	1.5	6.1	ug/Kg
50-32-8	Benzo(a)pyrene	64		0.67	1.5	6.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38		1.6	1.5	6.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	12		1.6	1.5	6.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	47		1.8	1.5	6.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.935		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.225		30-130		56	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.222		20-140		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4177	7.527				
1146-65-2	Naphthalene-d8	13536	10.294				
15067-26-2	Acenaphthene-d10	7347	14.179				

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:	A4BT5	SDG No.:	BN071924
Lab Sample ID:	P3178-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	46.1
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
BN032861.D	1	7/12/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12840	16.94				
1719-03-5	Chrysene-d12	10092	21.156				
1520-96-3	Perylene-d12	10837	23.345				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2	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:	A4BY5	SDG No.:	BN071924
Lab Sample ID:	P3178-17	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
BN032862.D	1	7/12/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	U	1.4	0	8.3	ug/Kg
91-20-3	Naphthalene	120	E	0.46	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	49		1.1	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	63		0.42	1	4.1	ug/Kg
208-96-8	Acenaphthylene	22		0.59	1	4.1	ug/Kg
83-32-9	Acenaphthene	150	E	0.49	1	4.1	ug/Kg
86-73-7	Fluorene	120	E	0.85	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2.1	8.3	ug/Kg
85-01-8	Phenanthrene	1500	E	0.64	1	4.1	ug/Kg
120-12-7	Anthracene	400	E	0.65	1	4.1	ug/Kg
206-44-0	Fluoranthene	1300	E	0.85	1	4.1	ug/Kg
129-00-0	Pyrene	1200	E	0.65	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	710	E	0.52	1	4.1	ug/Kg
218-01-9	Chrysene	440	E	0.52	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	560	E	0.26	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	E	0.49	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	480	E	0.45	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	210	E	1.1	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	73	E	1.1	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	250	E	1.2	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.852		15-120		36	SPK: -8
93951-69-0	Fluoranthene-d10	0.252		30-130		63	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.237		20-140		59	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4095		7.527			
1146-65-2	Naphthalene-d8	13295		10.293			
15067-26-2	Acenaphthene-d10	7809		14.179			

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:	A4BY5	SDG No.:	BN071924
Lab Sample ID:	P3178-17	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
BN032862.D	1	7/12/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12636	16.94				
1719-03-5	Chrysene-d12	9287	21.153				
1520-96-3	Perylene-d12	10969	23.344				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	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:	A4BE8	SDG No.:	BN071924
Lab Sample ID:	P3238-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.4
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
BN032863.D	1	7/16/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	U	1.4	0	8.5	ug/Kg
91-20-3	Naphthalene	100	E	0.47	1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	43		1.1	1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	61		0.43	1	4.2	ug/Kg
208-96-8	Acenaphthylene	66		0.6	1	4.2	ug/Kg
83-32-9	Acenaphthene	200	E	0.49	1	4.2	ug/Kg
86-73-7	Fluorene	190	E	0.86	1	4.2	ug/Kg
87-86-5	Pentachlorophenol	2.2	J	1.8	2.1	8.5	ug/Kg
85-01-8	Phenanthrene	2200	E	0.65	1	4.2	ug/Kg
120-12-7	Anthracene	500	E	0.66	1	4.2	ug/Kg
206-44-0	Fluoranthene	2700	E	0.86	1	4.2	ug/Kg
129-00-0	Pyrene	2100	E	0.66	1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	1600	E	0.53	1	4.2	ug/Kg
218-01-9	Chrysene	1200	E	0.53	1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200	E	0.27	1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	360	E	0.49	1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	570	E	0.46	1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	360	E	1.1	1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	180	E	1.1	1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	65		1.2	1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.169		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.252		30-130		63	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.211		20-140		53	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4770		7.527			
1146-65-2	Naphthalene-d8	14896		10.294			
15067-26-2	Acenaphthene-d10	9118		14.174			

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:	A4BE8	SDG No.:	BN071924
Lab Sample ID:	P3238-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.4
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
BN032863.D	1	7/16/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17276	16.936				
1719-03-5	Chrysene-d12	13079	21.153				
1520-96-3	Perylene-d12	21507	23.345				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	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:	A4BF6	SDG No.:	BN071924
Lab Sample ID:	P3238-10	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
BN032864.D	1	7/16/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	U	1.4	0	8.8	ug/Kg
91-20-3	Naphthalene	22		0.49	1.1	4.3	ug/Kg
90-12-0	1-Methylnaphthalene	11		1.1	1.1	4.3	ug/Kg
91-57-6	2-Methylnaphthalene	14		0.45	1.1	4.3	ug/Kg
208-96-8	Acenaphthylene	19		0.62	1.1	4.3	ug/Kg
83-32-9	Acenaphthene	63		0.51	1.1	4.3	ug/Kg
86-73-7	Fluorene	58		0.89	1.1	4.3	ug/Kg
87-86-5	Pentachlorophenol	1.8	U	1.8	2.2	8.8	ug/Kg
85-01-8	Phenanthrene	900	E	0.67	1.1	4.3	ug/Kg
120-12-7	Anthracene	190	E	0.68	1.1	4.3	ug/Kg
206-44-0	Fluoranthene	1100	E	0.89	1.1	4.3	ug/Kg
129-00-0	Pyrene	740	E	0.68	1.1	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	620	E	0.55	1.1	4.3	ug/Kg
218-01-9	Chrysene	500	E	0.55	1.1	4.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	500	E	0.28	1.1	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	E	0.51	1.1	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	240	E	0.47	1.1	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	E	1.1	1.1	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	89	E	1.2	1.1	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26		1.3	1.1	4.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.254		15-120		28	SPK: -8
93951-69-0	Fluoranthene-d10	0.176		30-130		44	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.168		20-140		42	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5302		7.527			
1146-65-2	Naphthalene-d8	16804		10.294			
15067-26-2	Acenaphthene-d10	10034		14.174			

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:	A4BF6	SDG No.:	BN071924
Lab Sample ID:	P3238-10	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
BN032864.D	1	7/16/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16762	16.936				
1719-03-5	Chrysene-d12	12249	21.153				
1520-96-3	Perylene-d12	16315	23.342				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	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:	A4BF7	SDG No.:	BN071924
Lab Sample ID:	P3238-11	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
BN032865.D	1	7/16/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	7.7	ug/Kg
91-20-3	Naphthalene	20		0.42	0.94	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	14		0.97	0.94	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	16		0.39	0.94	3.8	ug/Kg
208-96-8	Acenaphthylene	45		0.54	0.94	3.8	ug/Kg
83-32-9	Acenaphthene	79	E	0.45	0.94	3.8	ug/Kg
86-73-7	Fluorene	65	E	0.78	0.94	3.8	ug/Kg
87-86-5	Pentachlorophenol	2.1	J	1.6	1.9	7.7	ug/Kg
85-01-8	Phenanthrene	730	E	0.58	0.94	3.8	ug/Kg
120-12-7	Anthracene	230	E	0.59	0.94	3.8	ug/Kg
206-44-0	Fluoranthene	950	E	0.78	0.94	3.8	ug/Kg
129-00-0	Pyrene	660	E	0.59	0.94	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	550	E	0.48	0.94	3.8	ug/Kg
218-01-9	Chrysene	390	E	0.48	0.94	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	520	E	0.24	0.94	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	E	0.45	0.94	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	250	E	0.41	0.94	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	E	0.98	0.94	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	75	E	1	0.94	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30		1.1	0.94	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.207		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.211		30-130		53	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.21		20-140		52	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4604		7.523			
1146-65-2	Naphthalene-d8	14130		10.292			
15067-26-2	Acenaphthene-d10	8244		14.178			

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:	A4BF7	SDG No.:	BN071924
Lab Sample ID:	P3238-11	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
BN032865.D	1	7/16/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14558	16.939				
1719-03-5	Chrysene-d12	12061	21.155				
1520-96-3	Perylene-d12	15951	23.346				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	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:	A4BE9	SDG No.:	BN071924
Lab Sample ID:	P3238-06	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
BN032866.D	1	7/16/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.5	U	1.5	0	9.4	ug/Kg
91-20-3	Naphthalene	25		0.52	1.2	4.6	ug/Kg
90-12-0	1-Methylnaphthalene	9.8		1.2	1.2	4.6	ug/Kg
91-57-6	2-Methylnaphthalene	13		0.48	1.2	4.6	ug/Kg
208-96-8	Acenaphthylene	19		0.66	1.2	4.6	ug/Kg
83-32-9	Acenaphthene	58		0.55	1.2	4.6	ug/Kg
86-73-7	Fluorene	51		0.96	1.2	4.6	ug/Kg
87-86-5	Pentachlorophenol	2	U	2	2.4	9.4	ug/Kg
85-01-8	Phenanthrene	650	E	0.72	1.2	4.6	ug/Kg
120-12-7	Anthracene	130	E	0.73	1.2	4.6	ug/Kg
206-44-0	Fluoranthene	860	E	0.96	1.2	4.6	ug/Kg
129-00-0	Pyrene	580	E	0.73	1.2	4.6	ug/Kg
56-55-3	Benzo(a)anthracene	460	E	0.59	1.2	4.6	ug/Kg
218-01-9	Chrysene	350	E	0.59	1.2	4.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	470	E	0.3	1.2	4.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	E	0.55	1.2	4.6	ug/Kg
50-32-8	Benzo(a)pyrene	220	E	0.51	1.2	4.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	E	1.2	1.2	4.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	65		1.3	1.2	4.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26		1.4	1.2	4.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.641		15-120		33	SPK: -8
93951-69-0	Fluoranthene-d10	0.196		30-130		49	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.185		20-140		46	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5680		7.523			
1146-65-2	Naphthalene-d8	18521		10.294			
15067-26-2	Acenaphthene-d10	10298		14.179			

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:	A4BE9	SDG No.:	BN071924
Lab Sample ID:	P3238-06	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
BN032866.D	1	7/16/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18068	16.94				
1719-03-5	Chrysene-d12	12886	21.156				
1520-96-3	Perylene-d12	15868	23.348				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.5	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:	A4BZ5	SDG No.:	BN071924
Lab Sample ID:	P3238-15	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
BN032867.D	1	7/16/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.5	U	2.5	0	15	ug/Kg
91-20-3	Naphthalene	23		0.83	1.9	7.4	ug/Kg
90-12-0	1-Methylnaphthalene	14		1.9	1.9	7.4	ug/Kg
91-57-6	2-Methylnaphthalene	16		0.77	1.9	7.4	ug/Kg
208-96-8	Acenaphthylene	41		1.1	1.9	7.4	ug/Kg
83-32-9	Acenaphthene	38		0.88	1.9	7.4	ug/Kg
86-73-7	Fluorene	42		1.5	1.9	7.4	ug/Kg
87-86-5	Pentachlorophenol	3.6	J	3.2	3.8	15	ug/Kg
85-01-8	Phenanthrene	690	E	1.2	1.9	7.4	ug/Kg
120-12-7	Anthracene	150	E	1.2	1.9	7.4	ug/Kg
206-44-0	Fluoranthene	1300	E	1.5	1.9	7.4	ug/Kg
129-00-0	Pyrene	930	E	1.2	1.9	7.4	ug/Kg
56-55-3	Benzo(a)anthracene	700	E	0.95	1.9	7.4	ug/Kg
218-01-9	Chrysene	600	E	0.95	1.9	7.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	920	E	0.47	1.9	7.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	280	E	0.88	1.9	7.4	ug/Kg
50-32-8	Benzo(a)pyrene	400	E	0.81	1.9	7.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	310	E	1.9	1.9	7.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	E	2	1.9	7.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57		2.2	1.9	7.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.075		15-120		26	SPK: -8
93951-69-0	Fluoranthene-d10	0.141		30-130		35	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.141		20-140		35	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4740		7.523			
1146-65-2	Naphthalene-d8	15149		10.294			
15067-26-2	Acenaphthene-d10	8322		14.179			

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:	A4BZ5	SDG No.:	BN071924
Lab Sample ID:	P3238-15	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
BN032867.D	1	7/16/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14349	16.94				
1719-03-5	Chrysene-d12	11262	21.156				
1520-96-3	Perylene-d12	13412	23.348				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2.5	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:	A4BZ6	SDG No.:	BN071924
Lab Sample ID:	P3238-16	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
BN032868.D	1	7/16/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2	U	2	0	12	ug/Kg
91-20-3	Naphthalene	29		0.68	1.5	6	ug/Kg
90-12-0	1-Methylnaphthalene	16		1.6	1.5	6	ug/Kg
91-57-6	2-Methylnaphthalene	19		0.62	1.5	6	ug/Kg
208-96-8	Acenaphthylene	39		0.86	1.5	6	ug/Kg
83-32-9	Acenaphthene	71		0.71	1.5	6	ug/Kg
86-73-7	Fluorene	65		1.2	1.5	6	ug/Kg
87-86-5	Pentachlorophenol	2.6	U	2.6	3.1	12	ug/Kg
85-01-8	Phenanthrene	990	E	0.93	1.5	6	ug/Kg
120-12-7	Anthracene	230	E	0.95	1.5	6	ug/Kg
206-44-0	Fluoranthene	1500	E	1.2	1.5	6	ug/Kg
129-00-0	Pyrene	1100	E	0.95	1.5	6	ug/Kg
56-55-3	Benzo(a)anthracene	880	E	0.77	1.5	6	ug/Kg
218-01-9	Chrysene	660	E	0.77	1.5	6	ug/Kg
205-99-2	Benzo(b)fluoranthene	920	E	0.38	1.5	6	ug/Kg
207-08-9	Benzo(k)fluoranthene	260	E	0.71	1.5	6	ug/Kg
50-32-8	Benzo(a)pyrene	430	E	0.66	1.5	6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	300	E	1.6	1.5	6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	E	1.6	1.5	6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55		1.8	1.5	6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.333		15-120		29	SPK: -8
93951-69-0	Fluoranthene-d10	0.162		30-130		41	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.164		20-140		41	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4864		7.527			
1146-65-2	Naphthalene-d8	15645		10.294			
15067-26-2	Acenaphthene-d10	8269		14.179			

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:	A4BZ6	SDG No.:	BN071924
Lab Sample ID:	P3238-16	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
BN032868.D	1	7/16/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14608	16.936				
1719-03-5	Chrysene-d12	11176	21.156				
1520-96-3	Perylene-d12	14643	23.348				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	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:	A4C04	SDG No.:	BN071924
Lab Sample ID:	P3238-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	40
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
BN032869.D	1	7/16/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.8	U	1.8	0	11	ug/Kg
91-20-3	Naphthalene	140	E	0.61	1.4	5.5	ug/Kg
90-12-0	1-Methylnaphthalene	59		1.4	1.4	5.5	ug/Kg
91-57-6	2-Methylnaphthalene	79		0.56	1.4	5.5	ug/Kg
208-96-8	Acenaphthylene	48		0.78	1.4	5.5	ug/Kg
83-32-9	Acenaphthene	290	E	0.65	1.4	5.5	ug/Kg
86-73-7	Fluorene	300	E	1.1	1.4	5.5	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	2.8	11	ug/Kg
85-01-8	Phenanthrene	3200	E	0.85	1.4	5.5	ug/Kg
120-12-7	Anthracene	800	E	0.86	1.4	5.5	ug/Kg
206-44-0	Fluoranthene	4000	E	1.1	1.4	5.5	ug/Kg
129-00-0	Pyrene	3000	E	0.86	1.4	5.5	ug/Kg
56-55-3	Benzo(a)anthracene	2300	E	0.7	1.4	5.5	ug/Kg
218-01-9	Chrysene	1700	E	0.7	1.4	5.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500	E	0.35	1.4	5.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	550	E	0.65	1.4	5.5	ug/Kg
50-32-8	Benzo(a)pyrene	860	E	0.6	1.4	5.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	490	E	1.4	1.4	5.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	230	E	1.5	1.4	5.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	88		1.6	1.4	5.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.799		15-120		35	SPK: -8
93951-69-0	Fluoranthene-d10	0.236		30-130		59	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.212		20-140		53	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4969		7.527			
1146-65-2	Naphthalene-d8	15270		10.294			
15067-26-2	Acenaphthene-d10	9191		14.174			

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:	A4C04	SDG No.:	BN071924
Lab Sample ID:	P3238-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	40
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
BN032869.D	1	7/16/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16254	16.94				
1719-03-5	Chrysene-d12	10961	21.159				
1520-96-3	Perylene-d12	17585	23.351				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.8	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:	A4BF0	SDG No.:	BN071924
Lab Sample ID:	P3238-07	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
BN032870.D	1	7/16/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.9	U	1.9	0	12	ug/Kg
91-20-3	Naphthalene	33		0.64	1.4	5.7	ug/Kg
90-12-0	1-Methylnaphthalene	10		1.5	1.4	5.7	ug/Kg
91-57-6	2-Methylnaphthalene	15		0.59	1.4	5.7	ug/Kg
208-96-8	Acenaphthylene	11		0.81	1.4	5.7	ug/Kg
83-32-9	Acenaphthene	45		0.67	1.4	5.7	ug/Kg
86-73-7	Fluorene	42		1.2	1.4	5.7	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2.9	12	ug/Kg
85-01-8	Phenanthrene	330	E	0.88	1.4	5.7	ug/Kg
120-12-7	Anthracene	83		0.9	1.4	5.7	ug/Kg
206-44-0	Fluoranthene	350	E	1.2	1.4	5.7	ug/Kg
129-00-0	Pyrene	280	E	0.9	1.4	5.7	ug/Kg
56-55-3	Benzo(a)anthracene	190	E	0.73	1.4	5.7	ug/Kg
218-01-9	Chrysene	120	E	0.73	1.4	5.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	180	E	0.36	1.4	5.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	54		0.67	1.4	5.7	ug/Kg
50-32-8	Benzo(a)pyrene	160	E	0.62	1.4	5.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	79		1.5	1.4	5.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26		1.5	1.4	5.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	90		1.7	1.4	5.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.195		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.208		30-130		52	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.215		20-140		54	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4625		7.523			
1146-65-2	Naphthalene-d8	14518		10.294			
15067-26-2	Acenaphthene-d10	8313		14.179			

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:	A4BF0	SDG No.:	BN071924
Lab Sample ID:	P3238-07	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
BN032870.D	1	7/16/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17108	16.94				
1719-03-5	Chrysene-d12	13516	21.159				
1520-96-3	Perylene-d12	15650	23.348				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	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:	A4BF9	SDG No.:	BN071924
Lab Sample ID:	P3238-13	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
BN032871.D	1	7/16/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.6	U	2.6	0	16	ug/Kg
91-20-3	Naphthalene	16		0.87	1.9	7.8	ug/Kg
90-12-0	1-Methylnaphthalene	6.6	J	2	1.9	7.8	ug/Kg
91-57-6	2-Methylnaphthalene	8.6		0.8	1.9	7.8	ug/Kg
208-96-8	Acenaphthylene	33		1.1	1.9	7.8	ug/Kg
83-32-9	Acenaphthene	33		0.92	1.9	7.8	ug/Kg
86-73-7	Fluorene	29		1.6	1.9	7.8	ug/Kg
87-86-5	Pentachlorophenol	3.3	U	3.3	4	16	ug/Kg
85-01-8	Phenanthrene	480	E	1.2	1.9	7.8	ug/Kg
120-12-7	Anthracene	110		1.2	1.9	7.8	ug/Kg
206-44-0	Fluoranthene	820	E	1.6	1.9	7.8	ug/Kg
129-00-0	Pyrene	580	E	1.2	1.9	7.8	ug/Kg
56-55-3	Benzo(a)anthracene	480	E	0.99	1.9	7.8	ug/Kg
218-01-9	Chrysene	380	E	0.99	1.9	7.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	560	E	0.5	1.9	7.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	E	0.92	1.9	7.8	ug/Kg
50-32-8	Benzo(a)pyrene	270	E	0.85	1.9	7.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	E	2	1.9	7.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	74		2.1	1.9	7.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44		2.3	1.9	7.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.424		15-120		30	SPK: -8
93951-69-0	Fluoranthene-d10	0.17		30-130		43	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.161		20-140		40	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4187		7.523			
1146-65-2	Naphthalene-d8	13141		10.294			
15067-26-2	Acenaphthene-d10	7629		14.179			

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:	A4BF9	SDG No.:	BN071924
Lab Sample ID:	P3238-13	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
BN032871.D	1	7/16/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15338	16.936				
1719-03-5	Chrysene-d12	13186	21.156				
1520-96-3	Perylene-d12	15820	23.348				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2.6	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:	A4BG0	SDG No.:	BN071924
Lab Sample ID:	P3238-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	43.5
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
BN032872.D	1	7/16/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.9	U	1.9	0	12	ug/Kg
91-20-3	Naphthalene	7.7		0.65	1.5	5.8	ug/Kg
90-12-0	1-Methylnaphthalene	4.7	J	1.5	1.5	5.8	ug/Kg
91-57-6	2-Methylnaphthalene	5.1	J	0.6	1.5	5.8	ug/Kg
208-96-8	Acenaphthylene	7.1		0.83	1.5	5.8	ug/Kg
83-32-9	Acenaphthene	19		0.69	1.5	5.8	ug/Kg
86-73-7	Fluorene	12		1.2	1.5	5.8	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	3	12	ug/Kg
85-01-8	Phenanthrene	150	E	0.9	1.5	5.8	ug/Kg
120-12-7	Anthracene	39		0.92	1.5	5.8	ug/Kg
206-44-0	Fluoranthene	180	E	1.2	1.5	5.8	ug/Kg
129-00-0	Pyrene	130	E	0.92	1.5	5.8	ug/Kg
56-55-3	Benzo(a)anthracene	100	E	0.74	1.5	5.8	ug/Kg
218-01-9	Chrysene	75		0.74	1.5	5.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	E	0.37	1.5	5.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	36		0.69	1.5	5.8	ug/Kg
50-32-8	Benzo(a)pyrene	59		0.64	1.5	5.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38		1.5	1.5	5.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	16		1.6	1.5	5.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	7.1		1.7	1.5	5.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.347		15-120		29	SPK: -8
93951-69-0	Fluoranthene-d10	0.152		30-130		38	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.161		20-140		40	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4921		7.523			
1146-65-2	Naphthalene-d8	15024		10.293			
15067-26-2	Acenaphthene-d10	8244		14.178			

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:	A4BG0	SDG No.:	BN071924
Lab Sample ID:	P3238-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	43.5
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
BN032872.D	1	7/16/2024 12:00:00 AM	7/20/2024 12:00:00 AM	PB162090

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13981	16.939				
1719-03-5	Chrysene-d12	11515	21.158				
1520-96-3	Perylene-d12	13072	23.349				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN071924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4BX9								
P3178-01	A4BX9	Solid	Total Alkanes	*	0.000	1.3	8	ug/Kg
			Total Tics :			0.00		
P3178-01	A4BX9	Solid	1-Methylnaphthalene		21.000	1	3.9	ug/Kg
P3178-01	A4BX9	Solid	2-Methylnaphthalene		27.000	0.41	3.9	ug/Kg
P3178-01	A4BX9	Solid	Acenaphthene		66.000	E 0.46	3.9	ug/Kg
P3178-01	A4BX9	Solid	Acenaphthylene		37.000	0.56	3.9	ug/Kg
P3178-01	A4BX9	Solid	Anthracene		170.000	E 0.62	3.9	ug/Kg
P3178-01	A4BX9	Solid	Benzo(a)anthracene		470.000	E 0.5	3.9	ug/Kg
P3178-01	A4BX9	Solid	Benzo(a)pyrene		140.000	E 0.43	3.9	ug/Kg
P3178-01	A4BX9	Solid	Benzo(b)fluoranthene		470.000	E 0.25	3.9	ug/Kg
P3178-01	A4BX9	Solid	Benzo(g,h,i)perylene		17.000	1.2	3.9	ug/Kg
P3178-01	A4BX9	Solid	Benzo(k)fluoranthene		150.000	E 0.46	3.9	ug/Kg
P3178-01	A4BX9	Solid	Chrysene		340.000	E 0.5	3.9	ug/Kg
P3178-01	A4BX9	Solid	Dibenzo(a,h)anthracene		66.000	E 1.1	3.9	ug/Kg
P3178-01	A4BX9	Solid	Fluoranthene		820.000	E 0.81	3.9	ug/Kg
P3178-01	A4BX9	Solid	Fluorene		61.000	0.81	3.9	ug/Kg
P3178-01	A4BX9	Solid	Indeno(1,2,3-cd)pyrene		110.000	E 1	3.9	ug/Kg
P3178-01	A4BX9	Solid	Naphthalene		41.000	0.44	3.9	ug/Kg
P3178-01	A4BX9	Solid	Phenanthrene		670.000	E 0.61	3.9	ug/Kg
P3178-01	A4BX9	Solid	Pyrene		440.000	E 0.62	3.9	ug/Kg
			Total Svoc :			4,116.00		
			Total Concentration:			4,116.00		
Client ID : A4BS8								
P3178-03	A4BS8	Solid	Total Alkanes	*	0.000	2.5	15	ug/Kg
			Total Tics :			0.00		
P3178-03	A4BS8	Solid	1-Methylnaphthalene		8.400	1.9	7.4	ug/Kg
P3178-03	A4BS8	Solid	2-Methylnaphthalene		12.000	0.76	7.4	ug/Kg
P3178-03	A4BS8	Solid	Acenaphthene		31.000	0.87	7.4	ug/Kg
P3178-03	A4BS8	Solid	Acenaphthylene		17.000	1.1	7.4	ug/Kg
P3178-03	A4BS8	Solid	Anthracene		73.000	1.2	7.4	ug/Kg
P3178-03	A4BS8	Solid	Benzo(a)anthracene		300.000	E 0.94	7.4	ug/Kg
P3178-03	A4BS8	Solid	Benzo(a)pyrene		120.000	0.8	7.4	ug/Kg
P3178-03	A4BS8	Solid	Benzo(b)fluoranthene		330.000	E 0.47	7.4	ug/Kg
P3178-03	A4BS8	Solid	Benzo(g,h,i)perylene		15.000	2.2	7.4	ug/Kg
P3178-03	A4BS8	Solid	Benzo(k)fluoranthene		100.000	0.87	7.4	ug/Kg
P3178-03	A4BS8	Solid	Chrysene		220.000	E 0.94	7.4	ug/Kg
P3178-03	A4BS8	Solid	Dibenzo(a,h)anthracene		45.000	2	7.4	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN071924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3178-03	A4BS8	Solid	Fluoranthene	480.000	E	1.5	7.4	ug/Kg
P3178-03	A4BS8	Solid	Fluorene	27.000		1.5	7.4	ug/Kg
P3178-03	A4BS8	Solid	Indeno(1,2,3-cd)pyrene	85.000		1.9	7.4	ug/Kg
P3178-03	A4BS8	Solid	Naphthalene	18.000		0.83	7.4	ug/Kg
P3178-03	A4BS8	Solid	Phenanthrene	410.000	E	1.1	7.4	ug/Kg
P3178-03	A4BS8	Solid	Pyrene	310.000	E	1.2	7.4	ug/Kg
Total Svoc :				2,601.40				
Total Concentration:				2,601.40				
Client ID : A4BS9								
P3178-04	A4BS9	Solid	Total Alkanes	*	0.000	1.7	10	ug/Kg
Total Tics :				0.00				
P3178-04	A4BS9	Solid	2-Methylnaphthalene	1.100	J	0.52	5.1	ug/Kg
P3178-04	A4BS9	Solid	Acenaphthene	1.800	J	0.6	5.1	ug/Kg
P3178-04	A4BS9	Solid	Acenaphthylene	4.100	J	0.72	5.1	ug/Kg
P3178-04	A4BS9	Solid	Anthracene	7.000		0.8	5.1	ug/Kg
P3178-04	A4BS9	Solid	Benzo(a)anthracene	22.000		0.65	5.1	ug/Kg
P3178-04	A4BS9	Solid	Benzo(a)pyrene	20.000		0.55	5.1	ug/Kg
P3178-04	A4BS9	Solid	Benzo(b)fluoranthene	21.000		0.32	5.1	ug/Kg
P3178-04	A4BS9	Solid	Benzo(g,h,i)perylene	13.000		1.5	5.1	ug/Kg
P3178-04	A4BS9	Solid	Benzo(k)fluoranthene	7.600		0.6	5.1	ug/Kg
P3178-04	A4BS9	Solid	Chrysene	13.000		0.65	5.1	ug/Kg
P3178-04	A4BS9	Solid	Dibenzo(a,h)anthracene	3.100	J	1.4	5.1	ug/Kg
P3178-04	A4BS9	Solid	Fluoranthene	31.000		1	5.1	ug/Kg
P3178-04	A4BS9	Solid	Fluorene	2.300	J	1	5.1	ug/Kg
P3178-04	A4BS9	Solid	Indeno(1,2,3-cd)pyrene	10.000		1.3	5.1	ug/Kg
P3178-04	A4BS9	Solid	Naphthalene	1.700	J	0.57	5.1	ug/Kg
P3178-04	A4BS9	Solid	Phenanthrene	19.000		0.79	5.1	ug/Kg
P3178-04	A4BS9	Solid	Pyrene	31.000		0.8	5.1	ug/Kg
Total Svoc :				208.70				
Total Concentration:				208.70				
Client ID : A4BT0								
P3178-05	A4BT0	Solid	Total Alkanes	*	0.000	1.3	7.8	ug/Kg
Total Tics :				0.00				
P3178-05	A4BT0	Solid	2-Methylnaphthalene	1.200	J	0.4	3.8	ug/Kg
P3178-05	A4BT0	Solid	Acenaphthene	4.400		0.45	3.8	ug/Kg
P3178-05	A4BT0	Solid	Acenaphthylene	1.600	J	0.55	3.8	ug/Kg
P3178-05	A4BT0	Solid	Anthracene	11.000		0.61	3.8	ug/Kg
P3178-05	A4BT0	Solid	Benzo(a)anthracene	27.000		0.49	3.8	ug/Kg
P3178-05	A4BT0	Solid	Benzo(a)pyrene	22.000		0.42	3.8	ug/Kg
P3178-05	A4BT0	Solid	Benzo(b)fluoranthene	28.000		0.24	3.8	ug/Kg

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SDG No.: BN071924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3178-05	A4BT0	Solid	Benzo(g,h,i)perylene	13.000		1.1	3.8	ug/Kg
P3178-05	A4BT0	Solid	Benzo(k)fluoranthene	7.600		0.45	3.8	ug/Kg
P3178-05	A4BT0	Solid	Chrysene	15.000		0.49	3.8	ug/Kg
P3178-05	A4BT0	Solid	Dibenzo(a,h)anthracene	3.400	J	1	3.8	ug/Kg
P3178-05	A4BT0	Solid	Fluoranthene	44.000		0.79	3.8	ug/Kg
P3178-05	A4BT0	Solid	Fluorene	3.700	J	0.79	3.8	ug/Kg
P3178-05	A4BT0	Solid	Indeno(1,2,3-cd)pyrene	11.000		1	3.8	ug/Kg
P3178-05	A4BT0	Solid	Naphthalene	2.800	J	0.43	3.8	ug/Kg
P3178-05	A4BT0	Solid	Phenanthrene	36.000		0.59	3.8	ug/Kg
P3178-05	A4BT0	Solid	Pyrene	37.000		0.61	3.8	ug/Kg
Total Svoc :				268.70				
Total Concentration:				268.70				

Client ID : A4BT1

P3178-06	A4BT1	Solid	Total Alkanes	*	0.000	2.6	16	ug/Kg
Total Tics :				0.00				
P3178-06	A4BT1	Solid	1-Methylnaphthalene	J	2.500	2	7.7	ug/Kg
P3178-06	A4BT1	Solid	2-Methylnaphthalene	J	3.600	0.79	7.7	ug/Kg
P3178-06	A4BT1	Solid	Acenaphthene		11.000	0.91	7.7	ug/Kg
P3178-06	A4BT1	Solid	Acenaphthylene		12.000	1.1	7.7	ug/Kg
P3178-06	A4BT1	Solid	Anthracene		32.000	1.2	7.7	ug/Kg
P3178-06	A4BT1	Solid	Benzo(a)anthracene	E	140.000	0.98	7.7	ug/Kg
P3178-06	A4BT1	Solid	Benzo(a)pyrene		62.000	0.84	7.7	ug/Kg
P3178-06	A4BT1	Solid	Benzo(b)fluoranthene	E	210.000	0.49	7.7	ug/Kg
P3178-06	A4BT1	Solid	Benzo(g,h,i)perylene		10.000	2.3	7.7	ug/Kg
P3178-06	A4BT1	Solid	Benzo(k)fluoranthene		64.000	0.91	7.7	ug/Kg
P3178-06	A4BT1	Solid	Chrysene		120.000	0.98	7.7	ug/Kg
P3178-06	A4BT1	Solid	Dibenzo(a,h)anthracene		28.000	2.1	7.7	ug/Kg
P3178-06	A4BT1	Solid	Fluoranthene	E	250.000	1.6	7.7	ug/Kg
P3178-06	A4BT1	Solid	Fluorene		9.900	1.6	7.7	ug/Kg
P3178-06	A4BT1	Solid	Indeno(1,2,3-cd)pyrene		57.000	2	7.7	ug/Kg
P3178-06	A4BT1	Solid	Naphthalene	J	5.500	0.86	7.7	ug/Kg
P3178-06	A4BT1	Solid	Phenanthrene	E	140.000	1.2	7.7	ug/Kg
P3178-06	A4BT1	Solid	Pyrene	E	140.000	1.2	7.7	ug/Kg
Total Svoc :				1,297.50				
Total Concentration:				1,297.50				

Client ID : A4BT2

P3178-07	A4BT2	Solid	Total Alkanes	*	0.000	1.4	8.3	ug/Kg
Total Tics :				0.00				
P3178-07	A4BT2	Solid	Acenaphthene	J	1.800	0.48	4.1	ug/Kg
P3178-07	A4BT2	Solid	Anthracene	J	3.500	0.64	4.1	ug/Kg

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SDG No.: BN071924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3178-07	A4BT2	Solid	Benzo(a)anthracene	6.900		0.52	4.1	ug/Kg
P3178-07	A4BT2	Solid	Benzo(a)pyrene	6.600		0.44	4.1	ug/Kg
P3178-07	A4BT2	Solid	Benzo(b)fluoranthene	8.400		0.26	4.1	ug/Kg
P3178-07	A4BT2	Solid	Benzo(g,h,i)perylene	4.100		1.2	4.1	ug/Kg
P3178-07	A4BT2	Solid	Benzo(k)fluoranthene	2.500	J	0.48	4.1	ug/Kg
P3178-07	A4BT2	Solid	Chrysene	4.600		0.52	4.1	ug/Kg
P3178-07	A4BT2	Solid	Dibenzo(a,h)anthracene	1.100	J	1.1	4.1	ug/Kg
P3178-07	A4BT2	Solid	Fluoranthene	13.000		0.84	4.1	ug/Kg
P3178-07	A4BT2	Solid	Fluorene	1.800	J	0.84	4.1	ug/Kg
P3178-07	A4BT2	Solid	Indeno(1,2,3-cd)pyrene	3.400	J	1.1	4.1	ug/Kg
P3178-07	A4BT2	Solid	Naphthalene	1.400	J	0.46	4.1	ug/Kg
P3178-07	A4BT2	Solid	Phenanthrene	14.000		0.63	4.1	ug/Kg
P3178-07	A4BT2	Solid	Pyrene	11.000		0.64	4.1	ug/Kg

Total Svoc : 84.10

Total Concentration: 84.10

Client ID : A4BT3

P3178-08	A4BT3	Solid	Total Alkanes	*	0.000	1.4	8.6	ug/Kg
Total Tics :					0.00			
P3178-08	A4BT3	Solid	1-Methylnaphthalene		5.800	1.1	4.2	ug/Kg
P3178-08	A4BT3	Solid	2-Methylnaphthalene		9.500	0.43	4.2	ug/Kg
P3178-08	A4BT3	Solid	Acenaphthene		29.000	0.5	4.2	ug/Kg
P3178-08	A4BT3	Solid	Acenaphthylene	J	2.000	0.6	4.2	ug/Kg
P3178-08	A4BT3	Solid	Anthracene		46.000	0.66	4.2	ug/Kg
P3178-08	A4BT3	Solid	Benzo(a)anthracene		84.000	E 0.54	4.2	ug/Kg
P3178-08	A4BT3	Solid	Benzo(a)pyrene		67.000	0.46	4.2	ug/Kg
P3178-08	A4BT3	Solid	Benzo(b)fluoranthene		78.000	E 0.27	4.2	ug/Kg
P3178-08	A4BT3	Solid	Benzo(g,h,i)perylene		39.000	1.3	4.2	ug/Kg
P3178-08	A4BT3	Solid	Benzo(k)fluoranthene		24.000	0.5	4.2	ug/Kg
P3178-08	A4BT3	Solid	Chrysene		48.000	0.54	4.2	ug/Kg
P3178-08	A4BT3	Solid	Dibenzo(a,h)anthracene		11.000	1.1	4.2	ug/Kg
P3178-08	A4BT3	Solid	Fluoranthene		160.000	E 0.87	4.2	ug/Kg
P3178-08	A4BT3	Solid	Fluorene		27.000	0.87	4.2	ug/Kg
P3178-08	A4BT3	Solid	Indeno(1,2,3-cd)pyrene		34.000	1.1	4.2	ug/Kg
P3178-08	A4BT3	Solid	Naphthalene		18.000	0.47	4.2	ug/Kg
P3178-08	A4BT3	Solid	Phenanthrene		210.000	E 0.65	4.2	ug/Kg
P3178-08	A4BT3	Solid	Pyrene		120.000	E 0.66	4.2	ug/Kg

Total Svoc : 1,012.30

Total Concentration: 1,012.30

Client ID : A4BT4

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SDG No.: BN071924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3178-09	A4BT4	Solid	Total Alkanes	*	0.000	2.2	13	ug/Kg
Total Tics :				0.00				
P3178-09	A4BT4	Solid	1-Methylnaphthalene		7.000	1.7	6.5	ug/Kg
P3178-09	A4BT4	Solid	2-Methylnaphthalene		9.600	0.67	6.5	ug/Kg
P3178-09	A4BT4	Solid	Acenaphthene		26.000	0.77	6.5	ug/Kg
P3178-09	A4BT4	Solid	Acenaphthylene		44.000	0.93	6.5	ug/Kg
P3178-09	A4BT4	Solid	Anthracene		96.000	1	6.5	ug/Kg
P3178-09	A4BT4	Solid	Benzo(a)anthracene		420.000	E 0.83	6.5	ug/Kg
P3178-09	A4BT4	Solid	Benzo(a)pyrene		160.000	E 0.71	6.5	ug/Kg
P3178-09	A4BT4	Solid	Benzo(b)fluoranthene		520.000	E 0.41	6.5	ug/Kg
P3178-09	A4BT4	Solid	Benzo(g,h,i)perylene		21.000	1.9	6.5	ug/Kg
P3178-09	A4BT4	Solid	Benzo(k)fluoranthene		160.000	E 0.77	6.5	ug/Kg
P3178-09	A4BT4	Solid	Chrysene		340.000	E 0.83	6.5	ug/Kg
P3178-09	A4BT4	Solid	Dibenzo(a,h)anthracene		74.000	1.8	6.5	ug/Kg
P3178-09	A4BT4	Solid	Fluoranthene		710.000	E 1.3	6.5	ug/Kg
P3178-09	A4BT4	Solid	Fluorene		24.000	1.3	6.5	ug/Kg
P3178-09	A4BT4	Solid	Indeno(1,2,3-cd)pyrene		130.000	E 1.7	6.5	ug/Kg
P3178-09	A4BT4	Solid	Naphthalene		19.000	0.73	6.5	ug/Kg
P3178-09	A4BT4	Solid	Phenanthrene		370.000	E 1	6.5	ug/Kg
P3178-09	A4BT4	Solid	Pyrene		400.000	E 1	6.5	ug/Kg
Total Svoc :				3,530.60				
Total Concentration:				3,530.60				
Client ID : A4BT5								
P3178-10	A4BT5	Solid	Total Alkanes	*	0.000	2	12	ug/Kg
Total Tics :				0.00				
P3178-10	A4BT5	Solid	1-Methylnaphthalene		2.100	J 1.6	6.1	ug/Kg
P3178-10	A4BT5	Solid	2-Methylnaphthalene		3.900	J 0.63	6.1	ug/Kg
P3178-10	A4BT5	Solid	Acenaphthene		3.400	J 0.72	6.1	ug/Kg
P3178-10	A4BT5	Solid	Acenaphthylene		11.000	0.87	6.1	ug/Kg
P3178-10	A4BT5	Solid	Anthracene		15.000	0.96	6.1	ug/Kg
P3178-10	A4BT5	Solid	Benzo(a)anthracene		56.000	0.78	6.1	ug/Kg
P3178-10	A4BT5	Solid	Benzo(a)pyrene		64.000	0.67	6.1	ug/Kg
P3178-10	A4BT5	Solid	Benzo(b)fluoranthene		77.000	0.39	6.1	ug/Kg
P3178-10	A4BT5	Solid	Benzo(g,h,i)perylene		47.000	1.8	6.1	ug/Kg
P3178-10	A4BT5	Solid	Benzo(k)fluoranthene		25.000	0.72	6.1	ug/Kg
P3178-10	A4BT5	Solid	Chrysene		44.000	0.78	6.1	ug/Kg
P3178-10	A4BT5	Solid	Dibenzo(a,h)anthracene		12.000	1.6	6.1	ug/Kg
P3178-10	A4BT5	Solid	Fluoranthene		86.000	1.3	6.1	ug/Kg
P3178-10	A4BT5	Solid	Fluorene		4.000	J 1.3	6.1	ug/Kg
P3178-10	A4BT5	Solid	Indeno(1,2,3-cd)pyrene		38.000	1.6	6.1	ug/Kg

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SDG No.: BN071924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3178-10	A4BT5	Solid	Naphthalene	7.100		0.68	6.1	ug/Kg
P3178-10	A4BT5	Solid	Phenanthrene	47.000		0.94	6.1	ug/Kg
P3178-10	A4BT5	Solid	Pyrene	81.000		0.96	6.1	ug/Kg
Total Svoc :				623.50				
Total Concentration:				623.50				
Client ID : A4BT6								
P3178-11	A4BT6	Solid	Total Alkanes	*	0.000	2.1	13	ug/Kg
Total Tics :				0.00				
P3178-11	A4BT6	Solid	1-Methylnaphthalene	2.800	J	1.7	6.4	ug/Kg
P3178-11	A4BT6	Solid	2-Methylnaphthalene	4.000	J	0.66	6.4	ug/Kg
P3178-11	A4BT6	Solid	Acenaphthene	6.600		0.76	6.4	ug/Kg
P3178-11	A4BT6	Solid	Acenaphthylene	12.000		0.91	6.4	ug/Kg
P3178-11	A4BT6	Solid	Anthracene	25.000		1	6.4	ug/Kg
P3178-11	A4BT6	Solid	Benzo(a)anthracene	110.000	E	0.82	6.4	ug/Kg
P3178-11	A4BT6	Solid	Benzo(a)pyrene	46.000		0.7	6.4	ug/Kg
P3178-11	A4BT6	Solid	Benzo(b)fluoranthene	140.000	E	0.41	6.4	ug/Kg
P3178-11	A4BT6	Solid	Benzo(g,h,i)perylene	6.400		1.9	6.4	ug/Kg
P3178-11	A4BT6	Solid	Benzo(k)fluoranthene	43.000		0.76	6.4	ug/Kg
P3178-11	A4BT6	Solid	Chrysene	85.000		0.82	6.4	ug/Kg
P3178-11	A4BT6	Solid	Dibenzo(a,h)anthracene	20.000		1.7	6.4	ug/Kg
P3178-11	A4BT6	Solid	Fluoranthene	190.000	E	1.3	6.4	ug/Kg
P3178-11	A4BT6	Solid	Fluorene	7.100		1.3	6.4	ug/Kg
P3178-11	A4BT6	Solid	Indeno(1,2,3-cd)pyrene	36.000		1.7	6.4	ug/Kg
P3178-11	A4BT6	Solid	Naphthalene	9.300		0.72	6.4	ug/Kg
P3178-11	A4BT6	Solid	Phenanthrene	100.000	E	0.99	6.4	ug/Kg
P3178-11	A4BT6	Solid	Pyrene	110.000	E	1	6.4	ug/Kg
Total Svoc :				953.20				
Total Concentration:				953.20				
Client ID : A4BT7								
P3178-12	A4BT7	Solid	Total Alkanes	*	0.000	1.3	8.1	ug/Kg
Total Tics :				0.00				
P3178-12	A4BT7	Solid	Acenaphthylene	1.700	J	0.57	4	ug/Kg
P3178-12	A4BT7	Solid	Anthracene	1.400	J	0.63	4	ug/Kg
P3178-12	A4BT7	Solid	Benzo(a)anthracene	5.600		0.51	4	ug/Kg
P3178-12	A4BT7	Solid	Benzo(a)pyrene	5.000		0.44	4	ug/Kg
P3178-12	A4BT7	Solid	Benzo(b)fluoranthene	6.900		0.26	4	ug/Kg
P3178-12	A4BT7	Solid	Benzo(g,h,i)perylene	3.900	J	1.2	4	ug/Kg
P3178-12	A4BT7	Solid	Benzo(k)fluoranthene	1.900	J	0.47	4	ug/Kg
P3178-12	A4BT7	Solid	Chrysene	3.700	J	0.51	4	ug/Kg
P3178-12	A4BT7	Solid	Fluoranthene	7.300		0.83	4	ug/Kg

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SDG No.: BN071924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3178-12	A4BT7	Solid	Indeno(1,2,3-cd)pyrene	3.100	J	1	4	ug/Kg
P3178-12	A4BT7	Solid	Phenanthrene	4.300		0.62	4	ug/Kg
P3178-12	A4BT7	Solid	Pyrene	7.200		0.63	4	ug/Kg
Total Svoc :				52.00				
Total Concentration:				52.00				
Client ID : A4BT8								
P3178-13	A4BT8	Solid	Total Alkanes	*	0.000	2.6	16	ug/Kg
Total Tics :				0.00				
P3178-13	A4BT8	Solid	1-Methylnaphthalene	3.100	J	2	7.8	ug/Kg
P3178-13	A4BT8	Solid	2-Methylnaphthalene	4.300	J	0.81	7.8	ug/Kg
P3178-13	A4BT8	Solid	Acenaphthene	11.000		0.92	7.8	ug/Kg
P3178-13	A4BT8	Solid	Acenaphthylene	11.000		1.1	7.8	ug/Kg
P3178-13	A4BT8	Solid	Anthracene	33.000		1.2	7.8	ug/Kg
P3178-13	A4BT8	Solid	Benzo(a)anthracene	180.000	E	1	7.8	ug/Kg
P3178-13	A4BT8	Solid	Benzo(a)pyrene	80.000		0.85	7.8	ug/Kg
P3178-13	A4BT8	Solid	Benzo(b)fluoranthene	260.000	E	0.5	7.8	ug/Kg
P3178-13	A4BT8	Solid	Benzo(g,h,i)perylene	13.000		2.3	7.8	ug/Kg
P3178-13	A4BT8	Solid	Benzo(k)fluoranthene	77.000		0.92	7.8	ug/Kg
P3178-13	A4BT8	Solid	Chrysene	150.000	E	1	7.8	ug/Kg
P3178-13	A4BT8	Solid	Dibenzo(a,h)anthracene	36.000		2.1	7.8	ug/Kg
P3178-13	A4BT8	Solid	Fluoranthene	300.000	E	1.6	7.8	ug/Kg
P3178-13	A4BT8	Solid	Fluorene	11.000		1.6	7.8	ug/Kg
P3178-13	A4BT8	Solid	Indeno(1,2,3-cd)pyrene	68.000		2	7.8	ug/Kg
P3178-13	A4BT8	Solid	Naphthalene	7.500	J	0.88	7.8	ug/Kg
P3178-13	A4BT8	Solid	Phenanthrene	160.000	E	1.2	7.8	ug/Kg
P3178-13	A4BT8	Solid	Pyrene	170.000	E	1.2	7.8	ug/Kg
Total Svoc :				1,574.90				
Total Concentration:				1,574.90				
Client ID : A4BW0								
P3178-14	A4BW0	Solid	Total Alkanes	*	0.000	1.4	8.8	ug/Kg
Total Tics :				0.00				
P3178-14	A4BW0	Solid	Acenaphthene	1.500	J	0.51	4.3	ug/Kg
P3178-14	A4BW0	Solid	Acenaphthylene	1.700	J	0.61	4.3	ug/Kg
P3178-14	A4BW0	Solid	Anthracene	4.100	J	0.68	4.3	ug/Kg
P3178-14	A4BW0	Solid	Benzo(a)anthracene	10.000		0.55	4.3	ug/Kg
P3178-14	A4BW0	Solid	Benzo(a)pyrene	9.900		0.47	4.3	ug/Kg
P3178-14	A4BW0	Solid	Benzo(b)fluoranthene	12.000		0.27	4.3	ug/Kg
P3178-14	A4BW0	Solid	Benzo(g,h,i)perylene	6.400		1.3	4.3	ug/Kg
P3178-14	A4BW0	Solid	Benzo(k)fluoranthene	3.400	J	0.51	4.3	ug/Kg
P3178-14	A4BW0	Solid	Chrysene	6.300		0.55	4.3	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN071924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3178-14	A4BW0	Solid	Dibenzo(a,h)anthracene	1.600	J	1.2	4.3	ug/Kg
P3178-14	A4BW0	Solid	Fluoranthene	16.000		0.89	4.3	ug/Kg
P3178-14	A4BW0	Solid	Fluorene	1.400	J	0.89	4.3	ug/Kg
P3178-14	A4BW0	Solid	Indeno(1,2,3-cd)pyrene	5.300		1.1	4.3	ug/Kg
P3178-14	A4BW0	Solid	Naphthalene	1.100	J	0.48	4.3	ug/Kg
P3178-14	A4BW0	Solid	Phenanthrene	13.000		0.67	4.3	ug/Kg
P3178-14	A4BW0	Solid	Pyrene	15.000		0.68	4.3	ug/Kg
Total Svoc :				108.70				
Total Concentration:				108.70				
Client ID : A4BW1								
P3178-15	A4BW1	Solid	Total Alkanes	*	0.000	1.2	7.6	ug/Kg
Total Tics :				0.00				
P3178-15	A4BW1	Solid	Acenaphthylene	0.980	J	0.53	3.7	ug/Kg
P3178-15	A4BW1	Solid	Benzo(a)anthracene	2.300	J	0.47	3.7	ug/Kg
P3178-15	A4BW1	Solid	Benzo(a)pyrene	1.900	J	0.41	3.7	ug/Kg
P3178-15	A4BW1	Solid	Benzo(b)fluoranthene	2.900	J	0.24	3.7	ug/Kg
P3178-15	A4BW1	Solid	Benzo(g,h,i)perylene	1.500	J	1.1	3.7	ug/Kg
P3178-15	A4BW1	Solid	Benzo(k)fluoranthene	0.900	J	0.44	3.7	ug/Kg
P3178-15	A4BW1	Solid	Chrysene	1.600	J	0.47	3.7	ug/Kg
P3178-15	A4BW1	Solid	Fluoranthene	2.900	J	0.77	3.7	ug/Kg
P3178-15	A4BW1	Solid	Indeno(1,2,3-cd)pyrene	1.200	J	0.97	3.7	ug/Kg
P3178-15	A4BW1	Solid	Phenanthrene	1.600	J	0.58	3.7	ug/Kg
P3178-15	A4BW1	Solid	Pyrene	2.500	J	0.59	3.7	ug/Kg
Total Svoc :				20.28				
Total Concentration:				20.28				
Client ID : A4BY4								
P3178-16	A4BY4	Solid	Total Alkanes	*	0.000	1.7	10	ug/Kg
Total Tics :				0.00				
P3178-16	A4BY4	Solid	2-Methylnaphthalene	1.700	J	0.52	5	ug/Kg
P3178-16	A4BY4	Solid	Acenaphthene	4.100	J	0.6	5	ug/Kg
P3178-16	A4BY4	Solid	Acenaphthylene	4.400	J	0.72	5	ug/Kg
P3178-16	A4BY4	Solid	Anthracene	14.000		0.79	5	ug/Kg
P3178-16	A4BY4	Solid	Benzo(a)anthracene	42.000		0.64	5	ug/Kg
P3178-16	A4BY4	Solid	Benzo(a)pyrene	39.000		0.55	5	ug/Kg
P3178-16	A4BY4	Solid	Benzo(b)fluoranthene	44.000		0.32	5	ug/Kg
P3178-16	A4BY4	Solid	Benzo(g,h,i)perylene	25.000		1.5	5	ug/Kg
P3178-16	A4BY4	Solid	Benzo(k)fluoranthene	14.000		0.6	5	ug/Kg
P3178-16	A4BY4	Solid	Chrysene	26.000		0.64	5	ug/Kg
P3178-16	A4BY4	Solid	Dibenzo(a,h)anthracene	5.800		1.4	5	ug/Kg
P3178-16	A4BY4	Solid	Fluoranthene	65.000		1	5	ug/Kg

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SDG No.: BN071924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3178-16	A4BY4	Solid	Fluorene	4.400	J	1	5	ug/Kg
P3178-16	A4BY4	Solid	Indeno(1,2,3-cd)pyrene	20.000		1.3	5	ug/Kg
P3178-16	A4BY4	Solid	Naphthalene	2.900	J	0.56	5	ug/Kg
P3178-16	A4BY4	Solid	Phenanthrene	44.000		0.78	5	ug/Kg
P3178-16	A4BY4	Solid	Pyrene	60.000		0.79	5	ug/Kg
Total Svoc :				416.30				
Total Concentration:				416.30				

Client ID : A4BY5

P3178-17	A4BY5	Solid	Total Alkanes	*	0.000	1.4	8.3	ug/Kg
Total Tics :				0.00				
P3178-17	A4BY5	Solid	1-Methylnaphthalene		49.000	1.1	4.1	ug/Kg
P3178-17	A4BY5	Solid	2-Methylnaphthalene		63.000	0.42	4.1	ug/Kg
P3178-17	A4BY5	Solid	Acenaphthene		150.000	E 0.49	4.1	ug/Kg
P3178-17	A4BY5	Solid	Acenaphthylene		22.000	0.59	4.1	ug/Kg
P3178-17	A4BY5	Solid	Anthracene		400.000	E 0.65	4.1	ug/Kg
P3178-17	A4BY5	Solid	Benzo(a)anthracene		710.000	E 0.52	4.1	ug/Kg
P3178-17	A4BY5	Solid	Benzo(a)pyrene		480.000	E 0.45	4.1	ug/Kg
P3178-17	A4BY5	Solid	Benzo(b)fluoranthene		560.000	E 0.26	4.1	ug/Kg
P3178-17	A4BY5	Solid	Benzo(g,h,i)perylene		250.000	E 1.2	4.1	ug/Kg
P3178-17	A4BY5	Solid	Benzo(k)fluoranthene		160.000	E 0.49	4.1	ug/Kg
P3178-17	A4BY5	Solid	Chrysene		440.000	E 0.52	4.1	ug/Kg
P3178-17	A4BY5	Solid	Dibenzo(a,h)anthracene		73.000	E 1.1	4.1	ug/Kg
P3178-17	A4BY5	Solid	Fluoranthene		1,300.000	E 0.85	4.1	ug/Kg
P3178-17	A4BY5	Solid	Fluorene		120.000	E 0.85	4.1	ug/Kg
P3178-17	A4BY5	Solid	Indeno(1,2,3-cd)pyrene		210.000	E 1.1	4.1	ug/Kg
P3178-17	A4BY5	Solid	Naphthalene		120.000	E 0.46	4.1	ug/Kg
P3178-17	A4BY5	Solid	Phenanthrene		1,500.000	E 0.64	4.1	ug/Kg
P3178-17	A4BY5	Solid	Pyrene		1,200.000	E 0.65	4.1	ug/Kg
Total Svoc :				7,807.00				
Total Concentration:				7,807.00				

Client ID : A4BE6

P3238-01	A4BE6	Solid	Total Alkanes	*	0.000	1.4	8.4	ug/Kg
Total Tics :				0.00				
P3238-01	A4BE6	Solid	1-Methylnaphthalene		160.000	E 1.1	4.1	ug/Kg
P3238-01	A4BE6	Solid	2-Methylnaphthalene		200.000	E 0.43	4.1	ug/Kg
P3238-01	A4BE6	Solid	Acenaphthene		590.000	E 0.49	4.1	ug/Kg
P3238-01	A4BE6	Solid	Acenaphthylene		110.000	E 0.59	4.1	ug/Kg
P3238-01	A4BE6	Solid	Anthracene		2,000.000	E 0.65	4.1	ug/Kg
P3238-01	A4BE6	Solid	Benzo(a)anthracene		3,900.000	E 0.53	4.1	ug/Kg
P3238-01	A4BE6	Solid	Benzo(a)pyrene		1,100.000	E 0.45	4.1	ug/Kg

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SDG No.: BN071924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-01	A4BE6	Solid	Benzo(b)fluoranthene	2,200.000	E	0.26	4.1	ug/Kg
P3238-01	A4BE6	Solid	Benzo(g,h,i)perylene	120.000	E	1.2	4.1	ug/Kg
P3238-01	A4BE6	Solid	Benzo(k)fluoranthene	710.000	E	0.49	4.1	ug/Kg
P3238-01	A4BE6	Solid	Chrysene	2,600.000	E	0.53	4.1	ug/Kg
P3238-01	A4BE6	Solid	Dibenzo(a,h)anthracene	370.000	E	1.1	4.1	ug/Kg
P3238-01	A4BE6	Solid	Fluoranthene	6,400.000	E	0.85	4.1	ug/Kg
P3238-01	A4BE6	Solid	Fluorene	580.000	E	0.85	4.1	ug/Kg
P3238-01	A4BE6	Solid	Indeno(1,2,3-cd)pyrene	710.000	E	1.1	4.1	ug/Kg
P3238-01	A4BE6	Solid	Naphthalene	370.000	E	0.46	4.1	ug/Kg
P3238-01	A4BE6	Solid	Pentachlorophenol	2.300	J	1.8	8.4	ug/Kg
P3238-01	A4BE6	Solid	Phenanthrene	6,000.000	E	0.64	4.1	ug/Kg
P3238-01	A4BE6	Solid	Pyrene	4,700.000	E	0.65	4.1	ug/Kg
Total Svoc :				32,822.30				
Total Concentration:				32,822.30				

Client ID : A4BE8

P3238-05	A4BE8	Solid	Total Alkanes	*	0.000	1.4	8.5	ug/Kg
Total Tics :					0.00			
P3238-05	A4BE8	Solid	1-Methylnaphthalene		43.000	1.1	4.2	ug/Kg
P3238-05	A4BE8	Solid	2-Methylnaphthalene		61.000	0.43	4.2	ug/Kg
P3238-05	A4BE8	Solid	Acenaphthene		200.000	E	0.49	ug/Kg
P3238-05	A4BE8	Solid	Acenaphthylene		66.000	0.6	4.2	ug/Kg
P3238-05	A4BE8	Solid	Anthracene		500.000	E	0.66	ug/Kg
P3238-05	A4BE8	Solid	Benzo(a)anthracene		1,600.000	E	0.53	ug/Kg
P3238-05	A4BE8	Solid	Benzo(a)pyrene		570.000	E	0.46	ug/Kg
P3238-05	A4BE8	Solid	Benzo(b)fluoranthene		1,200.000	E	0.27	ug/Kg
P3238-05	A4BE8	Solid	Benzo(g,h,i)perylene		65.000	1.2	4.2	ug/Kg
P3238-05	A4BE8	Solid	Benzo(k)fluoranthene		360.000	E	0.49	ug/Kg
P3238-05	A4BE8	Solid	Chrysene		1,200.000	E	0.53	ug/Kg
P3238-05	A4BE8	Solid	Dibenzo(a,h)anthracene		180.000	E	1.1	ug/Kg
P3238-05	A4BE8	Solid	Fluoranthene		2,700.000	E	0.86	ug/Kg
P3238-05	A4BE8	Solid	Fluorene		190.000	E	0.86	ug/Kg
P3238-05	A4BE8	Solid	Indeno(1,2,3-cd)pyrene		360.000	E	1.1	ug/Kg
P3238-05	A4BE8	Solid	Naphthalene		100.000	E	0.47	ug/Kg
P3238-05	A4BE8	Solid	Pentachlorophenol		2.200	J	1.8	ug/Kg
P3238-05	A4BE8	Solid	Phenanthrene		2,200.000	E	0.65	ug/Kg
P3238-05	A4BE8	Solid	Pyrene		2,100.000	E	0.66	ug/Kg
Total Svoc :					13,697.20			
Total Concentration:					13,697.20			

Client ID : A4BE9

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SDG No.: BN071924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-06	A4BE9	Solid	Total Alkanes	*	0.000	1.5	9.4	ug/Kg
Total Tics :				0.00				
P3238-06	A4BE9	Solid	1-Methylnaphthalene		9.800	1.2	4.6	ug/Kg
P3238-06	A4BE9	Solid	2-Methylnaphthalene		13.000	0.48	4.6	ug/Kg
P3238-06	A4BE9	Solid	Acenaphthene		58.000	0.55	4.6	ug/Kg
P3238-06	A4BE9	Solid	Acenaphthylene		19.000	0.66	4.6	ug/Kg
P3238-06	A4BE9	Solid	Anthracene		130.000	E 0.73	4.6	ug/Kg
P3238-06	A4BE9	Solid	Benzo(a)anthracene		460.000	E 0.59	4.6	ug/Kg
P3238-06	A4BE9	Solid	Benzo(a)pyrene		220.000	E 0.51	4.6	ug/Kg
P3238-06	A4BE9	Solid	Benzo(b)fluoranthene		470.000	E 0.3	4.6	ug/Kg
P3238-06	A4BE9	Solid	Benzo(g,h,i)perylene		26.000	1.4	4.6	ug/Kg
P3238-06	A4BE9	Solid	Benzo(k)fluoranthene		140.000	E 0.55	4.6	ug/Kg
P3238-06	A4BE9	Solid	Chrysene		350.000	E 0.59	4.6	ug/Kg
P3238-06	A4BE9	Solid	Dibenzo(a,h)anthracene		65.000	1.3	4.6	ug/Kg
P3238-06	A4BE9	Solid	Fluoranthene		860.000	E 0.96	4.6	ug/Kg
P3238-06	A4BE9	Solid	Fluorene		51.000	0.96	4.6	ug/Kg
P3238-06	A4BE9	Solid	Indeno(1,2,3-cd)pyrene		140.000	E 1.2	4.6	ug/Kg
P3238-06	A4BE9	Solid	Naphthalene		25.000	0.52	4.6	ug/Kg
P3238-06	A4BE9	Solid	Phenanthrene		650.000	E 0.72	4.6	ug/Kg
P3238-06	A4BE9	Solid	Pyrene		580.000	E 0.73	4.6	ug/Kg
Total Svoc :				4,266.80				
Total Concentration:				4,266.80				
Client ID : A4BF0								
P3238-07	A4BF0	Solid	Total Alkanes	*	0.000	1.9	12	ug/Kg
Total Tics :				0.00				
P3238-07	A4BF0	Solid	1-Methylnaphthalene		10.000	1.5	5.7	ug/Kg
P3238-07	A4BF0	Solid	2-Methylnaphthalene		15.000	0.59	5.7	ug/Kg
P3238-07	A4BF0	Solid	Acenaphthene		45.000	0.67	5.7	ug/Kg
P3238-07	A4BF0	Solid	Acenaphthylene		11.000	0.81	5.7	ug/Kg
P3238-07	A4BF0	Solid	Anthracene		83.000	0.9	5.7	ug/Kg
P3238-07	A4BF0	Solid	Benzo(a)anthracene		190.000	E 0.73	5.7	ug/Kg
P3238-07	A4BF0	Solid	Benzo(a)pyrene		160.000	E 0.62	5.7	ug/Kg
P3238-07	A4BF0	Solid	Benzo(b)fluoranthene		180.000	E 0.36	5.7	ug/Kg
P3238-07	A4BF0	Solid	Benzo(g,h,i)perylene		90.000	1.7	5.7	ug/Kg
P3238-07	A4BF0	Solid	Benzo(k)fluoranthene		54.000	0.67	5.7	ug/Kg
P3238-07	A4BF0	Solid	Chrysene		120.000	E 0.73	5.7	ug/Kg
P3238-07	A4BF0	Solid	Dibenzo(a,h)anthracene		26.000	1.5	5.7	ug/Kg
P3238-07	A4BF0	Solid	Fluoranthene		350.000	E 1.2	5.7	ug/Kg
P3238-07	A4BF0	Solid	Fluorene		42.000	1.2	5.7	ug/Kg
P3238-07	A4BF0	Solid	Indeno(1,2,3-cd)pyrene		79.000	1.5	5.7	ug/Kg

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SDG No.: BN071924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-07	A4BF0	Solid	Naphthalene	33.000		0.64	5.7	ug/Kg
P3238-07	A4BF0	Solid	Phenanthrene	330.000	E	0.88	5.7	ug/Kg
P3238-07	A4BF0	Solid	Pyrene	280.000	E	0.9	5.7	ug/Kg
Total Svoc :				2,098.00				
Total Concentration:				2,098.00				
Client ID : A4BF6								
P3238-10	A4BF6	Solid	Total Alkanes	*	0.000	1.4	8.8	ug/Kg
Total Tics :				0.00				
P3238-10	A4BF6	Solid	1-Methylnaphthalene	11.000		1.1	4.3	ug/Kg
P3238-10	A4BF6	Solid	2-Methylnaphthalene	14.000		0.45	4.3	ug/Kg
P3238-10	A4BF6	Solid	Acenaphthene	63.000		0.51	4.3	ug/Kg
P3238-10	A4BF6	Solid	Acenaphthylene	19.000		0.62	4.3	ug/Kg
P3238-10	A4BF6	Solid	Anthracene	190.000	E	0.68	4.3	ug/Kg
P3238-10	A4BF6	Solid	Benzo(a)anthracene	620.000	E	0.55	4.3	ug/Kg
P3238-10	A4BF6	Solid	Benzo(a)pyrene	240.000	E	0.47	4.3	ug/Kg
P3238-10	A4BF6	Solid	Benzo(b)fluoranthene	500.000	E	0.28	4.3	ug/Kg
P3238-10	A4BF6	Solid	Benzo(g,h,i)perylene	26.000		1.3	4.3	ug/Kg
P3238-10	A4BF6	Solid	Benzo(k)fluoranthene	170.000	E	0.51	4.3	ug/Kg
P3238-10	A4BF6	Solid	Chrysene	500.000	E	0.55	4.3	ug/Kg
P3238-10	A4BF6	Solid	Dibenzo(a,h)anthracene	89.000	E	1.2	4.3	ug/Kg
P3238-10	A4BF6	Solid	Fluoranthene	1,100.000	E	0.89	4.3	ug/Kg
P3238-10	A4BF6	Solid	Fluorene	58.000		0.89	4.3	ug/Kg
P3238-10	A4BF6	Solid	Indeno(1,2,3-cd)pyrene	150.000	E	1.1	4.3	ug/Kg
P3238-10	A4BF6	Solid	Naphthalene	22.000		0.49	4.3	ug/Kg
P3238-10	A4BF6	Solid	Phenanthrene	900.000	E	0.67	4.3	ug/Kg
P3238-10	A4BF6	Solid	Pyrene	740.000	E	0.68	4.3	ug/Kg
Total Svoc :				5,412.00				
Total Concentration:				5,412.00				
Client ID : A4BF7								
P3238-11	A4BF7	Solid	Total Alkanes	*	0.000	1.3	7.7	ug/Kg
Total Tics :				0.00				
P3238-11	A4BF7	Solid	1-Methylnaphthalene	14.000		0.97	3.8	ug/Kg
P3238-11	A4BF7	Solid	2-Methylnaphthalene	16.000		0.39	3.8	ug/Kg
P3238-11	A4BF7	Solid	Acenaphthene	79.000	E	0.45	3.8	ug/Kg
P3238-11	A4BF7	Solid	Acenaphthylene	45.000		0.54	3.8	ug/Kg
P3238-11	A4BF7	Solid	Anthracene	230.000	E	0.59	3.8	ug/Kg
P3238-11	A4BF7	Solid	Benzo(a)anthracene	550.000	E	0.48	3.8	ug/Kg
P3238-11	A4BF7	Solid	Benzo(a)pyrene	250.000	E	0.41	3.8	ug/Kg
P3238-11	A4BF7	Solid	Benzo(b)fluoranthene	520.000	E	0.24	3.8	ug/Kg
P3238-11	A4BF7	Solid	Benzo(g,h,i)perylene	30.000		1.1	3.8	ug/Kg

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SDG No.: BN071924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-11	A4BF7	Solid	Benzo(k)fluoranthene	160.000	E	0.45	3.8	ug/Kg
P3238-11	A4BF7	Solid	Chrysene	390.000	E	0.48	3.8	ug/Kg
P3238-11	A4BF7	Solid	Dibenzo(a,h)anthracene	75.000	E	1	3.8	ug/Kg
P3238-11	A4BF7	Solid	Fluoranthene	950.000	E	0.78	3.8	ug/Kg
P3238-11	A4BF7	Solid	Fluorene	65.000	E	0.78	3.8	ug/Kg
P3238-11	A4BF7	Solid	Indeno(1,2,3-cd)pyrene	170.000	E	0.98	3.8	ug/Kg
P3238-11	A4BF7	Solid	Naphthalene	20.000		0.42	3.8	ug/Kg
P3238-11	A4BF7	Solid	Pentachlorophenol	2.100	J	1.6	7.7	ug/Kg
P3238-11	A4BF7	Solid	Phenanthrene	730.000	E	0.58	3.8	ug/Kg
P3238-11	A4BF7	Solid	Pyrene	660.000	E	0.59	3.8	ug/Kg
Total Svoc :				4,956.10				
Total Concentration:				4,956.10				
Client ID : A4BF9								
P3238-13	A4BF9	Solid	Total Alkanes	*	0.000	2.6	16	ug/Kg
Total Tics :				0.00				
P3238-13	A4BF9	Solid	1-Methylnaphthalene	6.600	J	2	7.8	ug/Kg
P3238-13	A4BF9	Solid	2-Methylnaphthalene	8.600		0.8	7.8	ug/Kg
P3238-13	A4BF9	Solid	Acenaphthene	33.000		0.92	7.8	ug/Kg
P3238-13	A4BF9	Solid	Acenaphthylene	33.000		1.1	7.8	ug/Kg
P3238-13	A4BF9	Solid	Anthracene	110.000		1.2	7.8	ug/Kg
P3238-13	A4BF9	Solid	Benzo(a)anthracene	480.000	E	0.99	7.8	ug/Kg
P3238-13	A4BF9	Solid	Benzo(a)pyrene	270.000	E	0.85	7.8	ug/Kg
P3238-13	A4BF9	Solid	Benzo(b)fluoranthene	560.000	E	0.5	7.8	ug/Kg
P3238-13	A4BF9	Solid	Benzo(g,h,i)perylene	44.000		2.3	7.8	ug/Kg
P3238-13	A4BF9	Solid	Benzo(k)fluoranthene	160.000	E	0.92	7.8	ug/Kg
P3238-13	A4BF9	Solid	Chrysene	380.000	E	0.99	7.8	ug/Kg
P3238-13	A4BF9	Solid	Dibenzo(a,h)anthracene	74.000		2.1	7.8	ug/Kg
P3238-13	A4BF9	Solid	Fluoranthene	820.000	E	1.6	7.8	ug/Kg
P3238-13	A4BF9	Solid	Fluorene	29.000		1.6	7.8	ug/Kg
P3238-13	A4BF9	Solid	Indeno(1,2,3-cd)pyrene	180.000	E	2	7.8	ug/Kg
P3238-13	A4BF9	Solid	Naphthalene	16.000		0.87	7.8	ug/Kg
P3238-13	A4BF9	Solid	Phenanthrene	480.000	E	1.2	7.8	ug/Kg
P3238-13	A4BF9	Solid	Pyrene	580.000	E	1.2	7.8	ug/Kg
Total Svoc :				4,264.20				
Total Concentration:				4,264.20				
Client ID : A4BG0								
P3238-14	A4BG0	Solid	Total Alkanes	*	0.000	1.9	12	ug/Kg
Total Tics :				0.00				
P3238-14	A4BG0	Solid	1-Methylnaphthalene	4.700	J	1.5	5.8	ug/Kg
P3238-14	A4BG0	Solid	2-Methylnaphthalene	5.100	J	0.6	5.8	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN071924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-14	A4BG0	Solid	Acenaphthene	19.000		0.69	5.8	ug/Kg
P3238-14	A4BG0	Solid	Acenaphthylene	7.100		0.83	5.8	ug/Kg
P3238-14	A4BG0	Solid	Anthracene	39.000		0.92	5.8	ug/Kg
P3238-14	A4BG0	Solid	Benzo(a)anthracene	100.000	E	0.74	5.8	ug/Kg
P3238-14	A4BG0	Solid	Benzo(a)pyrene	59.000		0.64	5.8	ug/Kg
P3238-14	A4BG0	Solid	Benzo(b)fluoranthene	110.000	E	0.37	5.8	ug/Kg
P3238-14	A4BG0	Solid	Benzo(g,h,i)perylene	7.100		1.7	5.8	ug/Kg
P3238-14	A4BG0	Solid	Benzo(k)fluoranthene	36.000		0.69	5.8	ug/Kg
P3238-14	A4BG0	Solid	Chrysene	75.000		0.74	5.8	ug/Kg
P3238-14	A4BG0	Solid	Dibenzo(a,h)anthracene	16.000		1.6	5.8	ug/Kg
P3238-14	A4BG0	Solid	Fluoranthene	180.000	E	1.2	5.8	ug/Kg
P3238-14	A4BG0	Solid	Fluorene	12.000		1.2	5.8	ug/Kg
P3238-14	A4BG0	Solid	Indeno(1,2,3-cd)pyrene	38.000		1.5	5.8	ug/Kg
P3238-14	A4BG0	Solid	Naphthalene	7.700		0.65	5.8	ug/Kg
P3238-14	A4BG0	Solid	Phenanthrene	150.000	E	0.9	5.8	ug/Kg
P3238-14	A4BG0	Solid	Pyrene	130.000	E	0.92	5.8	ug/Kg
Total Svoc :				995.70				
Total Concentration:				995.70				

Client ID : A4BZ5

P3238-15	A4BZ5	Solid	Total Alkanes	*	0.000	2.5	15	ug/Kg
Total Tics :				0.00				
P3238-15	A4BZ5	Solid	1-Methylnaphthalene		14.000	1.9	7.4	ug/Kg
P3238-15	A4BZ5	Solid	2-Methylnaphthalene		16.000	0.77	7.4	ug/Kg
P3238-15	A4BZ5	Solid	Acenaphthene		38.000	0.88	7.4	ug/Kg
P3238-15	A4BZ5	Solid	Acenaphthylene		41.000	1.1	7.4	ug/Kg
P3238-15	A4BZ5	Solid	Anthracene		150.000	E	7.4	ug/Kg
P3238-15	A4BZ5	Solid	Benzo(a)anthracene		700.000	E	7.4	ug/Kg
P3238-15	A4BZ5	Solid	Benzo(a)pyrene		400.000	E	7.4	ug/Kg
P3238-15	A4BZ5	Solid	Benzo(b)fluoranthene		920.000	E	7.4	ug/Kg
P3238-15	A4BZ5	Solid	Benzo(g,h,i)perylene		57.000	2.2	7.4	ug/Kg
P3238-15	A4BZ5	Solid	Benzo(k)fluoranthene		280.000	E	7.4	ug/Kg
P3238-15	A4BZ5	Solid	Chrysene		600.000	E	7.4	ug/Kg
P3238-15	A4BZ5	Solid	Dibenzo(a,h)anthracene		120.000	E	7.4	ug/Kg
P3238-15	A4BZ5	Solid	Fluoranthene		1,300.000	E	7.4	ug/Kg
P3238-15	A4BZ5	Solid	Fluorene		42.000	1.5	7.4	ug/Kg
P3238-15	A4BZ5	Solid	Indeno(1,2,3-cd)pyrene		310.000	E	7.4	ug/Kg
P3238-15	A4BZ5	Solid	Naphthalene		23.000	0.83	7.4	ug/Kg
P3238-15	A4BZ5	Solid	Pentachlorophenol		3.600	J	15	ug/Kg
P3238-15	A4BZ5	Solid	Phenanthrene		690.000	E	7.4	ug/Kg
P3238-15	A4BZ5	Solid	Pyrene		930.000	E	7.4	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN071924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	6,634.60				
			Total Concentration:	6,634.60				
Client ID : A4BZ6								
P3238-16	A4BZ6	Solid	Total Alkanes	*	0.000	2	12	ug/Kg
			Total Tics :	0.00				
P3238-16	A4BZ6	Solid	1-Methylnaphthalene		16.000	1.6	6	ug/Kg
P3238-16	A4BZ6	Solid	2-Methylnaphthalene		19.000	0.62	6	ug/Kg
P3238-16	A4BZ6	Solid	Acenaphthene		71.000	0.71	6	ug/Kg
P3238-16	A4BZ6	Solid	Acenaphthylene		39.000	0.86	6	ug/Kg
P3238-16	A4BZ6	Solid	Anthracene		230.000	E 0.95	6	ug/Kg
P3238-16	A4BZ6	Solid	Benzo(a)anthracene		880.000	E 0.77	6	ug/Kg
P3238-16	A4BZ6	Solid	Benzo(a)pyrene		430.000	E 0.66	6	ug/Kg
P3238-16	A4BZ6	Solid	Benzo(b)fluoranthene		920.000	E 0.38	6	ug/Kg
P3238-16	A4BZ6	Solid	Benzo(g,h,i)perylene		55.000	1.8	6	ug/Kg
P3238-16	A4BZ6	Solid	Benzo(k)fluoranthene		260.000	E 0.71	6	ug/Kg
P3238-16	A4BZ6	Solid	Chrysene		660.000	E 0.77	6	ug/Kg
P3238-16	A4BZ6	Solid	Dibenzo(a,h)anthracene		130.000	E 1.6	6	ug/Kg
P3238-16	A4BZ6	Solid	Fluoranthene		1,500.000	E 1.2	6	ug/Kg
P3238-16	A4BZ6	Solid	Fluorene		65.000	1.2	6	ug/Kg
P3238-16	A4BZ6	Solid	Indeno(1,2,3-cd)pyrene		300.000	E 1.6	6	ug/Kg
P3238-16	A4BZ6	Solid	Naphthalene		29.000	0.68	6	ug/Kg
P3238-16	A4BZ6	Solid	Phenanthrene		990.000	E 0.93	6	ug/Kg
P3238-16	A4BZ6	Solid	Pyrene		1,100.000	E 0.95	6	ug/Kg
			Total Svoc :	7,694.00				
			Total Concentration:	7,694.00				
Client ID : A4C04								
P3238-17	A4C04	Solid	Total Alkanes	*	0.000	1.8	11	ug/Kg
			Total Tics :	0.00				
P3238-17	A4C04	Solid	1-Methylnaphthalene		59.000	1.4	5.5	ug/Kg
P3238-17	A4C04	Solid	2-Methylnaphthalene		79.000	0.56	5.5	ug/Kg
P3238-17	A4C04	Solid	Acenaphthene		290.000	E 0.65	5.5	ug/Kg
P3238-17	A4C04	Solid	Acenaphthylene		48.000	0.78	5.5	ug/Kg
P3238-17	A4C04	Solid	Anthracene		800.000	E 0.86	5.5	ug/Kg
P3238-17	A4C04	Solid	Benzo(a)anthracene		2,300.000	E 0.7	5.5	ug/Kg
P3238-17	A4C04	Solid	Benzo(a)pyrene		860.000	E 0.6	5.5	ug/Kg
P3238-17	A4C04	Solid	Benzo(b)fluoranthene		1,500.000	E 0.35	5.5	ug/Kg
P3238-17	A4C04	Solid	Benzo(g,h,i)perylene		88.000	1.6	5.5	ug/Kg
P3238-17	A4C04	Solid	Benzo(k)fluoranthene		550.000	E 0.65	5.5	ug/Kg
P3238-17	A4C04	Solid	Chrysene		1,700.000	E 0.7	5.5	ug/Kg
P3238-17	A4C04	Solid	Dibenzo(a,h)anthracene		230.000	E 1.5	5.5	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN071924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-17	A4C04	Solid	Fluoranthene	4,000.000	E	1.1	5.5	ug/Kg
P3238-17	A4C04	Solid	Fluorene	300.000	E	1.1	5.5	ug/Kg
P3238-17	A4C04	Solid	Indeno(1,2,3-cd)pyrene	490.000	E	1.4	5.5	ug/Kg
P3238-17	A4C04	Solid	Naphthalene	140.000	E	0.61	5.5	ug/Kg
P3238-17	A4C04	Solid	Phenanthrene	3,200.000	E	0.85	5.5	ug/Kg
P3238-17	A4C04	Solid	Pyrene	3,000.000	E	0.86	5.5	ug/Kg
Total Svoc :				19,634.00				
Total Concentration:				19,634.00				
Client ID : A4DQ3								
P3238-24	A4DQ3	Solid	Total Alkanes	*	0.000	0.03	0.2	ug/Kg
Total Tics :				0.00				
P3238-24	A4DQ3	Solid	Acenaphthene	4.000	E	0.01	0.1	ug/Kg
P3238-24	A4DQ3	Solid	Acenaphthylene	3.200	E	0.01	0.1	ug/Kg
P3238-24	A4DQ3	Solid	Anthracene	8.700	E	0.02	0.1	ug/Kg
P3238-24	A4DQ3	Solid	Benzo(a)anthracene	1.000		0.01	0.1	ug/Kg
P3238-24	A4DQ3	Solid	Benzo(a)pyrene	3.500	E	0.01	0.1	ug/Kg
P3238-24	A4DQ3	Solid	Benzo(b)fluoranthene	2.300	E	0.01	0.1	ug/Kg
P3238-24	A4DQ3	Solid	Benzo(g,h,i)perylene	5.000	E	0.03	0.1	ug/Kg
P3238-24	A4DQ3	Solid	Benzo(k)fluoranthene	0.520		0.01	0.1	ug/Kg
P3238-24	A4DQ3	Solid	Chrysene	4.400	E	0.01	0.1	ug/Kg
P3238-24	A4DQ3	Solid	Dibenzo(a,h)anthracene	1.900	E	0.03	0.1	ug/Kg
P3238-24	A4DQ3	Solid	Fluoranthene	1.400		0.02	0.1	ug/Kg
P3238-24	A4DQ3	Solid	Fluorene	1.100		0.02	0.1	ug/Kg
P3238-24	A4DQ3	Solid	Indeno(1,2,3-cd)pyrene	1.700	E	0.03	0.1	ug/Kg
P3238-24	A4DQ3	Solid	Naphthalene	7.200	E	0.01	0.1	ug/Kg
P3238-24	A4DQ3	Solid	Phenanthrene	8.700	E	0.02	0.1	ug/Kg
P3238-24	A4DQ3	Solid	Pyrene	2.100	E	0.02	0.1	ug/Kg
Total Svoc :				56.72				
Total Concentration:				56.72				
Client ID : A4DQ3DL								
P3238-24DL	A4DQ3DL	Solid	Total Alkanes	*	0.000	D 0.33	2	ug/Kg
Total Tics :				0.00				
P3238-24DL	A4DQ3DL	Solid	Acenaphthene	4.400	D	0.12	0.99	ug/Kg
P3238-24DL	A4DQ3DL	Solid	Acenaphthylene	3.300	D	0.14	0.99	ug/Kg
P3238-24DL	A4DQ3DL	Solid	Anthracene	8.300	D	0.16	0.99	ug/Kg
P3238-24DL	A4DQ3DL	Solid	Benzo(a)anthracene	1.200	D	0.13	0.99	ug/Kg
P3238-24DL	A4DQ3DL	Solid	Benzo(a)pyrene	3.900	D	0.11	0.99	ug/Kg
P3238-24DL	A4DQ3DL	Solid	Benzo(b)fluoranthene	2.500	D	0.06	0.99	ug/Kg
P3238-24DL	A4DQ3DL	Solid	Benzo(g,h,i)perylene	5.700	D	0.29	0.99	ug/Kg
P3238-24DL	A4DQ3DL	Solid	Benzo(k)fluoranthene	0.670	JD	0.12	0.99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN071924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-24DL	A4DQ3DL	Solid	Chrysene	5.000	D	0.13	0.99	ug/Kg
P3238-24DL	A4DQ3DL	Solid	Dibenzo(a,h)anthracene	2.100	D	0.27	0.99	ug/Kg
P3238-24DL	A4DQ3DL	Solid	Fluoranthene	1.500	D	0.2	0.99	ug/Kg
P3238-24DL	A4DQ3DL	Solid	Fluorene	1.200	D	0.2	0.99	ug/Kg
P3238-24DL	A4DQ3DL	Solid	Indeno(1,2,3-cd)pyrene	1.900	D	0.26	0.99	ug/Kg
P3238-24DL	A4DQ3DL	Solid	Naphthalene	7.900	D	0.11	0.99	ug/Kg
P3238-24DL	A4DQ3DL	Solid	Phenanthrene	9.100	D	0.15	0.99	ug/Kg
P3238-24DL	A4DQ3DL	Solid	Pyrene	2.300	D	0.16	0.99	ug/Kg
Total Svoc :				60.97				
Total Concentration:				60.97				



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN071924 SAS No.: BN071924 SDG NO.: BN071924

EPA Sample No.: SSTD0.4239

Date Analyzed: Jul 19 2024 12:00AM

Lab File ID: BN032628.D

Time Analyzed: 09:59

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	SBLK090	4529	7.53	14182	10.30	8023	14.18
02	A4DQ3	3687	7.54	12280	10.30	6416	14.18
03	A4DQ3DL	2942	7.54	9176	10.32	5369	14.19
04	SLCS090	2733	7.55	8874	10.32	5073	14.19
05	A4BY4	3313	7.53	9976	10.30	5306	14.18
06	A4BT2	3052	7.53	9285	10.30	4957	14.18
07	SBLK090	3612	7.53	11262	10.30	6212	14.18
08	A4BE6	3935	7.53	11712	10.29	7170	14.18
09	A4BE6MS	3926	7.54	12971	10.30	7626	14.18
10	A4BE6MSD	3385	7.53	10593	10.30	6981	14.18
11	A4BS8	3963	7.53	12659	10.30	6791	14.18
12	A4BS9	3797	7.53	11785	10.30	6274	14.18
13	A4BT2MS	3462	7.54	11210	10.31	5935	14.18
14	A4BT2MSD	3618	7.54	11463	10.31	6140	14.18
15	A4BT3	3803	7.53	11383	10.30	6240	14.18
16	A4BT6	4011	7.53	13066	10.30	6905	14.18
17	A4BT7	4135	7.53	12870	10.30	6884	14.18
18	A4BW0	3944	7.53	13105	10.30	7212	14.18
19	A4BW1	3645	7.53	11291	10.30	6107	14.18
20	A4BT0	3709	7.53	11357	10.30	6056	14.18
21	A4BT8	3825	7.53	12217	10.29	6491	14.18
22	SLCS048	3420	7.54	11206	10.31	6341	14.19
23	SBLK048	4293	7.53	14279	10.29	7942	14.18

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN071924 SAS No.: BN071924 SDG NO.: BN071924

EPA Sample No.: SSTD0.4239 Date Analyzed: Jul 20 2024 12:00AM

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

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 A4BT4	4100	7.53	12787	10.29	7443	14.18
25 A4BX9	4304	7.53	13578	10.29	8105	14.18
26 A4BT1	3713	7.53	11516	10.29	6902	14.18
27 A4BT5	4177	7.53	13536	10.29	7347	14.18
28 A4BY5	4095	7.53	13295	10.29	7809	14.18
29 A4BE8	4770	7.53	14896	10.29	9118	14.17
30 A4BF6	5302	7.53	16804	10.29	10034	14.17
31 A4BF7	4604	7.52	14130	10.29	8244	14.18
32 A4BE9	5680	7.52	18521	10.29	10298	14.18
33 A4BZ5	4740	7.52	15149	10.29	8322	14.18
34 A4BZ6	4864	7.53	15645	10.29	8269	14.18
35 A4C04	4969	7.53	15270	10.29	9191	14.17
36 A4BF0	4625	7.52	14518	10.29	8313	14.18
37 A4BF9	4187	7.52	13141	10.29	7629	14.18
38 A4BG0	4921	7.52	15024	10.29	8244	14.18

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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN071924 SAS No.: BN071924 SDG NO.: BN071924

EPA Sample No.: SSTD0.4269 Date Analyzed: Jul 19 2024 12:00AM

Lab File ID: BN032832.D Time Analyzed: 09:59

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	3564	7.54	12018	10.31	6563	14.19
UPPER LIMIT	7128	8.04	24036	10.81	13126	14.688
LOWER LIMIT	1782	7.04	6009	9.81	3281.5	13.688
EPA SAMPLE NO.						
01 SBLK090	4529	7.53	14182	10.30	8023	14.18
02 A4DQ3	3687	7.54	12280	10.30	6416	14.18
03 A4DQ3DL	2942	7.54	9176	10.32	5369	14.19
04 SLCS090	2733	7.55	8874	10.32	5073	14.19
05 A4BY4	3313	7.53	9976	10.30	5306	14.18
06 A4BT2	3052	7.53	9285	10.30	4957	14.18

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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN071924 SAS No.: BN071924 SDG NO.: BN071924

EPA Sample No.: SSTD0.4270 Date Analyzed: Jul 19 2024 12:00AM

Lab File ID: BN032839.D Time Analyzed: 14:35

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	2973	7.548	9809	10.32	5310	14.19
	UPPER LIMIT	5946	8.048	19618	10.82	10620	14.692
	LOWER LIMIT	1486.5	7.048	4904.5	9.82	2655	13.692
	EPA SAMPLE NO.						
01	SBLK090	3612	7.53	11262	10.30	6212	14.18
02	A4BE6	3935	7.53	11712	10.29	7170	14.18
03	A4BE6MS	3926	7.54	12971	10.30	7626	14.18
04	A4BE6MSD	3385	7.53	10593	10.30	6981	14.18
05	A4BS8	3963	7.53	12659	10.30	6791	14.18
06	A4BS9	3797	7.53	11785	10.30	6274	14.18
07	A4BT2MS	3462	7.54	11210	10.31	5935	14.18
08	A4BT2MSD	3618	7.54	11463	10.31	6140	14.18
09	A4BT3	3803	7.53	11383	10.30	6240	14.18
10	A4BT6	4011	7.53	13066	10.30	6905	14.18
11	A4BT7	4135	7.53	12870	10.30	6884	14.18
12	A4BW0	3944	7.53	13105	10.30	7212	14.18
13	A4BW1	3645	7.53	11291	10.30	6107	14.18
14	A4BT0	3709	7.53	11357	10.30	6056	14.18
15	A4BT8	3825	7.53	12217	10.29	6491	14.18
16	SLCS048	3420	7.54	11206	10.31	6341	14.19



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN071924 SAS No.: BN071924 SDG NO.: BN071924

EPA Sample No.: SSTD0.4270 Date Analyzed: Jul 19 2024 12:00AM

Lab File ID: BN032839.D Time Analyzed: 23:38

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	2973	7.548	9809	10.32	5310	14.19
UPPER LIMIT	5946	8.048	19618	10.82	10620	14.692
LOWER LIMIT	1486.5	7.048	4904.5	9.82	2655	13.692
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.: BN071924 SAS No.: BN071924 SDG NO.: BN071924

EPA Sample No.: SSTD0.4271 Date Analyzed: Jul 20 2024 12:00AM

Lab File ID: BN032856.D Time Analyzed: 01:26

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	3124	7.536	10389	10.31	6064	14.19
	UPPER LIMIT	6248	8.036	20778	10.814	12128	14.687
	LOWER LIMIT	1562	7.036	5194.5	9.814	3032	13.687
	EPA SAMPLE NO.						
01	SBLK048	4293	7.53	14279	10.29	7942	14.18
02	A4BT4	4100	7.53	12787	10.29	7443	14.18
03	A4BX9	4304	7.53	13578	10.29	8105	14.18
04	A4BT1	3713	7.53	11516	10.29	6902	14.18
05	A4BT5	4177	7.53	13536	10.29	7347	14.18
06	A4BY5	4095	7.53	13295	10.29	7809	14.18
07	A4BE8	4770	7.53	14896	10.29	9118	14.17
08	A4BF6	5302	7.53	16804	10.29	10034	14.17
09	A4BF7	4604	7.52	14130	10.29	8244	14.18
10	A4BE9	5680	7.52	18521	10.29	10298	14.18
11	A4BZ5	4740	7.52	15149	10.29	8322	14.18
12	A4BZ6	4864	7.53	15645	10.29	8269	14.18
13	A4C04	4969	7.53	15270	10.29	9191	14.17
14	A4BF0	4625	7.52	14518	10.29	8313	14.18
15	A4BF9	4187	7.52	13141	10.29	7629	14.18
16	A4BG0	4921	7.52	15024	10.29	8244	14.18



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN071924 SAS No.: BN071924 SDG NO.: BN071924

EPA Sample No.: SSTD0.4271 Date Analyzed: Jul 20 2024 12:00AM

Lab File ID: BN032856.D Time Analyzed: 10:27

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	3124	7.536	10389	10.31	6064	14.19
UPPER LIMIT	6248	8.036	20778	10.814	12128	14.687
LOWER LIMIT	1562	7.036	5194.5	9.814	3032	13.687
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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN071924 SAS No.: BN071924 SDG NO.: BN071924

EPA Sample No.: SSTD0.4239 Date Analyzed: Jul 19 2024 12:00AM

Lab File ID: BN032628.D Time Analyzed: 09:59

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	SBLK090	15815	16.94	13790	21.17	14121	23.35
02	A4DQ3	11379	16.94	9914	21.16	11707	23.36
03	A4DQ3DL	10329	16.95	9320	21.17	11500	23.37
04	SLCS090	9108 *	16.97	8151	21.17	10047	23.37
05	A4BY4	10235	16.94	8855	21.17	9278	23.35
06	A4BT2	9178 *	16.94	7890	21.17	7781	23.36
07	SBLK090	11546	16.94	9709	21.18	8956	23.36
08	A4BE6	13423	16.94	10328	21.16	20623	23.35
09	A4BE6MS	13577	16.94	9912	21.16	16390	23.35
10	A4BE6MSD	15236	16.94	11907	21.16	19854	23.36
11	A4BS8	11893	16.94	9605	21.16	10726	23.35
12	A4BS9	11332	16.94	9509	21.16	10414	23.36
13	A4BT2MS	10602	16.95	9445	21.16	11836	23.36
14	A4BT2MSD	10343	16.95	9031	21.16	11247	23.35
15	A4BT3	10874	16.94	9409	21.16	9938	23.35
16	A4BT6	11940	16.94	9103	21.16	9950	23.35
17	A4BT7	12312	16.94	10217	21.17	11187	23.35
18	A4BW0	11519	16.94	8921	21.16	9365	23.35
19	A4BW1	10707	16.94	9024	21.17	9252	23.35
20	A4BT0	10633	16.94	8971	21.16	9787	23.35
21	A4BT8	11042	16.94	9008	21.16	10107	23.35

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN071924 SAS No.: BN071924 SDG NO.: BN071924

EPA Sample No.: SSTD0.4239 Date Analyzed: Jul 19 2024 12:00AM

Lab File ID: BN032628.D Time Analyzed: 23:38

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	SLCS048	12912	16.96	11658	21.16	14184	23.36
23	SBLK048	12815	16.94	9528	21.17	9617	23.35
24	A4BT4	14864	16.94	12665	21.15	14890	23.35
25	A4BX9	13311	16.94	9830	21.15	12109	23.35
26	A4BT1	13287	16.94	11914	21.16	12784	23.35
27	A4BT5	12840	16.94	10092	21.16	10837	23.35
28	A4BY5	12636	16.94	9287	21.15	10969	23.34
29	A4BE8	17276	16.94	13079	21.15	21507	23.35
30	A4BF6	16762	16.94	12249	21.15	16315	23.34
31	A4BF7	14558	16.94	12061	21.16	15951	23.35
32	A4BE9	18068	16.94	12886	21.16	15868	23.35
33	A4BZ5	14349	16.94	11262	21.16	13412	23.35
34	A4BZ6	14608	16.94	11176	21.16	14643	23.35
35	A4C04	16254	16.94	10961	21.16	17585	23.35
36	A4BF0	17108	16.94	13516	21.16	15650	23.35
37	A4BF9	15338	16.94	13186	21.16	15820	23.35
38	A4BG0	13981	16.94	11515	21.16	13072	23.35

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN071924 SAS No.: BN071924 SDG NO.: BN071924

EPA Sample No.: SSTD0.4239 Date Analyzed: Jul 20 2024 12:00AM

Lab File ID: BN032628.D Time Analyzed: 10:27

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.						

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.: BN071924 SAS No.: BN071924 SDG NO.: BN071924

EPA Sample No.: SSTD0.4269 Date Analyzed: Jul 19 2024 12:00AM

Lab File ID: BN032832.D Time Analyzed: 09:59

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	10936	16.957	9396	21.168	11703	23.36
UPPER LIMIT	21872	17.457	18792	21.668	23406	23.86
LOWER LIMIT	5468	16.457	4698	20.668	5851.5	22.86
EPA SAMPLE NO.						
01 SBLK090	15815	16.94	13790	21.17	14121	23.35
02 A4DQ3	11379	16.94	9914	21.16	11707	23.36
03 A4DQ3DL	10329	16.95	9320	21.17	11500	23.37
04 SLCS090	9108	16.97	8151	21.17	10047	23.37
05 A4BY4	10235	16.94	8855	21.17	9278	23.35
06 A4BT2	9178	16.94	7890	21.17	7781	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.: BN071924 SAS No.: BN071924 SDG NO.: BN071924

EPA Sample No.: SSTD0.4270 Date Analyzed: Jul 19 2024 12:00AM

Lab File ID: BN032839.D Time Analyzed: 14:35

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	8951	16.968	7919	21.175	9768	23.367
	UPPER LIMIT	17902	17.468	15838	21.675	19536	23.867
	LOWER LIMIT	4475.5	16.468	3959.5	20.675	4884	22.867
	EPA SAMPLE NO.						
01	SBLK090	11546	16.94	9709	21.18	8956	23.36
02	A4BE6	13423	16.94	10328	21.16	20623 *	23.35
03	A4BE6MS	13577	16.94	9912	21.16	16390	23.35
04	A4BE6MSD	15236	16.94	11907	21.16	19854 *	23.36
05	A4BS8	11893	16.94	9605	21.16	10726	23.35
06	A4BS9	11332	16.94	9509	21.16	10414	23.36
07	A4BT2MS	10602	16.95	9445	21.16	11836	23.36
08	A4BT2MSD	10343	16.95	9031	21.16	11247	23.35
09	A4BT3	10874	16.94	9409	21.16	9938	23.35
10	A4BT6	11940	16.94	9103	21.16	9950	23.35
11	A4BT7	12312	16.94	10217	21.17	11187	23.35
12	A4BW0	11519	16.94	8921	21.16	9365	23.35
13	A4BW1	10707	16.94	9024	21.17	9252	23.35
14	A4BT0	10633	16.94	8971	21.16	9787	23.35
15	A4BT8	11042	16.94	9008	21.16	10107	23.35
16	SLCS048	12912	16.96	11658	21.16	14184	23.36

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN071924 SAS No.: BN071924 SDG NO.: BN071924

EPA Sample No.: SSTD0.4270 Date Analyzed: Jul 19 2024 12:00AM

Lab File ID: BN032839.D Time Analyzed: 23:38

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	8951	16.968	7919	21.175	9768	23.367
UPPER LIMIT	17902	17.468	15838	21.675	19536	23.867
LOWER LIMIT	4475.5	16.468	3959.5	20.675	4884	22.867
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.: BN071924 SAS No.: BN071924 SDG NO.: BN071924

EPA Sample No.: SSTD0.4271 Date Analyzed: Jul 20 2024 12:00AM

Lab File ID: BN032856.D Time Analyzed: 01:26

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	12343	16.96	11084	21.165	13547	23.357
	UPPER LIMIT	24686	17.46	22168	21.665	27094	23.857
	LOWER LIMIT	6171.5	16.46	5542	20.665	6773.5	22.857
	EPA SAMPLE NO.						
01	SBLK048	12815	16.94	9528	21.17	9617	23.35
02	A4BT4	14864	16.94	12665	21.15	14890	23.35
03	A4BX9	13311	16.94	9830	21.15	12109	23.35
04	A4BT1	13287	16.94	11914	21.16	12784	23.35
05	A4BT5	12840	16.94	10092	21.16	10837	23.35
06	A4BY5	12636	16.94	9287	21.15	10969	23.34
07	A4BE8	17276	16.94	13079	21.15	21507	23.35
08	A4BF6	16762	16.94	12249	21.15	16315	23.34
09	A4BF7	14558	16.94	12061	21.16	15951	23.35
10	A4BE9	18068	16.94	12886	21.16	15868	23.35
11	A4BZ5	14349	16.94	11262	21.16	13412	23.35
12	A4BZ6	14608	16.94	11176	21.16	14643	23.35
13	A4C04	16254	16.94	10961	21.16	17585	23.35
14	A4BF0	17108	16.94	13516	21.16	15650	23.35
15	A4BF9	15338	16.94	13186	21.16	15820	23.35
16	A4BG0	13981	16.94	11515	21.16	13072	23.35

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN071924 SAS No.: BN071924 SDG NO.: BN071924

EPA Sample No.: SSTD0.4271 Date Analyzed: Jul 20 2024 12:00AM

Lab File ID: BN032856.D Time Analyzed: 10:27

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	12343	16.96	11084	21.165	13547	23.357
UPPER LIMIT	24686	17.46	22168	21.665	27094	23.857
LOWER LIMIT	6171.5	16.46	5542	20.665	6773.5	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.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN071924

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB162048BS	1,4-Dioxane	66.7	56	ug/Kg	84				0	0	
	Naphthalene	13.3	13	ug/Kg	98				0	0	
	1-Methylnaphthalene	13.3	12	ug/Kg	90				0	0	
	2-Methylnaphthalene	13.3	13	ug/Kg	98				0	0	
	Acenaphthylene	13.3	13	ug/Kg	98				0	0	
	Acenaphthene	13.3	12	ug/Kg	90				0	0	
	Fluorene	13.3	12	ug/Kg	90				0	0	
	Pentachlorophenol	26.7	32	ug/Kg	120				0	0	
	Phenanthrene	13.3	12	ug/Kg	90				0	0	
	Anthracene	13.3	14	ug/Kg	105				0	0	
	Fluoranthene	13.3	12	ug/Kg	90				0	0	
	Pyrene	13.3	12	ug/Kg	90				0	0	
	Benzo(a)anthracene	13.3	15	ug/Kg	113				0	0	
	Chrysene	13.3	12	ug/Kg	90				0	0	
	Benzo(b)fluoranthene	13.3	12	ug/Kg	90				0	0	
	Benzo(k)fluoranthene	13.3	11	ug/Kg	83				0	0	
	Benzo(a)pyrene	13.3	13	ug/Kg	98				0	0	
	Indeno(1,2,3-cd)pyrene	13.3	13	ug/Kg	98				0	0	
	Dibenzo(a,h)anthracene	13.3	13	ug/Kg	98				0	0	
	Benzo(g,h,i)perylene	13.3	12	ug/Kg	90				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN071924

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162090BS	1,4-Dioxane	66.7	54	ug/Kg	81				0	0		
	Naphthalene	13.3	10	ug/Kg	75				0	0		
	1-Methylnaphthalene	13.3	9.5	ug/Kg	71				0	0		
	2-Methylnaphthalene	13.3	9.5	ug/Kg	71				0	0		
	Acenaphthylene	13.3	10	ug/Kg	75				0	0		
	Acenaphthene	13.3	10	ug/Kg	75				0	0		
	Fluorene	13.3	8.6	ug/Kg	65				0	0		
	Pentachlorophenol	26.7	23	ug/Kg	86				0	0		
	Phenanthrene	13.3	9.5	ug/Kg	71				0	0		
	Anthracene	13.3	10	ug/Kg	75				0	0		
	Fluoranthene	13.3	9	ug/Kg	68				0	0		
	Pyrene	13.3	9.3	ug/Kg	70				0	0		
	Benzo(a)anthracene	13.3	10	ug/Kg	75				0	0		
	Chrysene	13.3	9.4	ug/Kg	71				0	0		
	Benzo(b)fluoranthene	13.3	8.8	ug/Kg	66				0	0		
	Benzo(k)fluoranthene	13.3	8.6	ug/Kg	65				0	0		
	Benzo(a)pyrene	13.3	10	ug/Kg	75				0	0		
	Indeno(1,2,3-cd)pyrene	13.3	10	ug/Kg	75				0	0		
	Dibenzo(a,h)anthracene	13.3	10	ug/Kg	75				0	0		
	Benzo(g,h,i)perylene	13.3	9.7	ug/Kg	73				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK048

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN071924

SAS No.: BN071924 SDG NO.: BN071924

Lab File ID: BN032857.D

Lab Sample ID: PB162048BL

Instrument ID: BNA_N

Date Extracted: 07/12/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/20/2024

Level: (low/med) LOW

Time Analyzed: 01:26

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4BT4	P3178-09	BN032858.D	07/20/2024
A4BT1	P3178-06	BN032860.D	07/20/2024
A4BT5	P3178-10	BN032861.D	07/20/2024
A4BY5	P3178-17	BN032862.D	07/20/2024
A4BY4	P3178-16	BN032837.D	07/19/2024
A4BS8	P3178-03	BN032844.D	07/19/2024
A4BS9	P3178-04	BN032845.D	07/19/2024
A4BT2	P3178-07	BN032838.D	07/19/2024
A4BT2MS	P3178-18MS	BN032846.D	07/19/2024
A4BT0	P3178-05	BN032853.D	07/19/2024
A4BX9	P3178-01	BN032859.D	07/20/2024
A4BT2MSD	P3178-19MSD	BN032847.D	07/19/2024
A4BT3	P3178-08	BN032848.D	07/19/2024
A4BT6	P3178-11	BN032849.D	07/19/2024
A4BT7	P3178-12	BN032850.D	07/19/2024
A4BW0	P3178-14	BN032851.D	07/19/2024
A4BW1	P3178-15	BN032852.D	07/19/2024
A4BT8	P3178-13	BN032854.D	07/19/2024
PB162048BS	PB162048BS	BN032855.D	07/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK090

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN071924

SAS No.: BN071924 SDG NO.: BN071924

Lab File ID: BN032840.D

Lab Sample ID: PB162090BL

Instrument ID: BNA_N

Date Extracted: 07/16/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/19/2024

Level: (low/med) LOW

Time Analyzed: 14:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4DQ3	P3238-24	BN032834.D	07/19/2024
PB162090BS	PB162090BS	BN032836.D	07/19/2024
A4BE8	P3238-05	BN032863.D	07/20/2024
A4BE9	P3238-06	BN032866.D	07/20/2024
A4BF0	P3238-07	BN032870.D	07/20/2024
A4BF6	P3238-10	BN032864.D	07/20/2024
A4BF7	P3238-11	BN032865.D	07/20/2024
A4BZ5	P3238-15	BN032867.D	07/20/2024
A4BZ6	P3238-16	BN032868.D	07/20/2024
A4C04	P3238-17	BN032869.D	07/20/2024
A4BF9	P3238-13	BN032871.D	07/20/2024
A4BG0	P3238-14	BN032872.D	07/20/2024
A4BE6	P3238-01	BN032841.D	07/19/2024
A4BE6MS	P3238-02MS	BN032842.D	07/19/2024
A4BE6MSD	P3238-03MSD	BN032843.D	07/19/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN071924

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3238-02MS	Client Sample ID:	A4BE6MS					DataFile:	BN032842.D		
1,4-Dioxane	83.4		27	ug/Kg	32				15	120	
Naphthalene	16.7		280	ug/Kg	1677				0	0	
1-Methylnaphthalene	16.7		110	ug/Kg	659				0	0	
2-Methylnaphthalene	16.7		150	ug/Kg	898				0	0	
Acenaphthylene	16.7		75	ug/Kg	449				0	0	
Acenaphthene	16.7		410	ug/Kg	2455	*			31	137	
Fluorene	16.7		370	ug/Kg	2216				0	0	
Pentachlorophenol	33.4		22	ug/Kg	66				17	109	
Phenanthrene	16.7		3400	ug/Kg	20359				0	0	
Anthracene	16.7		910	ug/Kg	5449				0	0	
Fluoranthene	16.7		3900	ug/Kg	23353				0	0	
Pyrene	16.7		2700	ug/Kg	16168	*			35	142	
Benzo(a)anthracene	16.7		2300	ug/Kg	13772				0	0	
Chrysene	16.7		1600	ug/Kg	9581				0	0	
Benzo(b)fluoranthene	16.7		1500	ug/Kg	8982				0	0	
Benzo(k)fluoranthene	16.7		560	ug/Kg	3353				0	0	
Benzo(a)pyrene	16.7		720	ug/Kg	4311				0	0	
Indeno(1,2,3-cd)pyrene	16.7		470	ug/Kg	2814				0	0	
Dibenzo(a,h)anthracene	16.7		230	ug/Kg	1377				0	0	
Benzo(g,h,i)perylene	16.7		82	ug/Kg	491				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN071924

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3238-03MSD	Client Sample ID:	A4BE6MSD					DataFile:	BN032843.D		
1,4-Dioxane	83.3		29	ug/Kg	35		9		15	120	50
Naphthalene	16.7		280	ug/Kg	1677		0		0	0	0
1-Methylnaphthalene	16.7		110	ug/Kg	659		0		0	0	0
2-Methylnaphthalene	16.7		160	ug/Kg	958		6	*	0	0	0
Acenaphthylene	16.7		93	ug/Kg	557		21	*	0	0	0
Acenaphthene	16.7		410	ug/Kg	2455	*	0		31	137	19
Fluorene	16.7		400	ug/Kg	2395		8	*	0	0	0
Pentachlorophenol	33.3		23	ug/Kg	69		4		17	109	47
Phenanthrene	16.7		3300	ug/Kg	19760		3	*	0	0	0
Anthracene	16.7		910	ug/Kg	5449		0		0	0	0
Fluoranthene	16.7		3700	ug/Kg	22156		5	*	0	0	0
Pyrene	16.7		2600	ug/Kg	15569	*	4		35	142	36
Benzo(a)anthracene	16.7		2300	ug/Kg	13772		0		0	0	0
Chrysene	16.7		1500	ug/Kg	8982		6	*	0	0	0
Benzo(b)fluoranthene	16.7		1500	ug/Kg	8982		0		0	0	0
Benzo(k)fluoranthene	16.7		550	ug/Kg	3293		2	*	0	0	0
Benzo(a)pyrene	16.7		710	ug/Kg	4251		1	*	0	0	0
Indeno(1,2,3-cd)pyrene	16.7		460	ug/Kg	2754		2	*	0	0	0
Dibenzo(a,h)anthracene	16.7		230	ug/Kg	1377		0		0	0	0
Benzo(g,h,i)perylene	16.7		80	ug/Kg	479		2	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN071924

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3178-18MS	Client Sample ID:	A4BT2MS					DataFile:	BN032846.D		
1,4-Dioxane	81.9		41	ug/Kg	50				15	120	
Naphthalene	16.4	1.4	23	ug/Kg	132				0	0	
1-Methylnaphthalene	16.4		13	ug/Kg	79				0	0	
2-Methylnaphthalene	16.4		16	ug/Kg	98				0	0	
Acenaphthylene	16.4		13	ug/Kg	79				0	0	
Acenaphthene	16.4	1.8	22	ug/Kg	123				31	137	
Fluorene	16.4	1.8	21	ug/Kg	117				0	0	
Pentachlorophenol	32.8		21	ug/Kg	64				17	109	
Phenanthrene	16.4	14	140	ug/Kg	768				0	0	
Anthracene	16.4	3.5	35	ug/Kg	192				0	0	
Fluoranthene	16.4	13	110	ug/Kg	591				0	0	
Pyrene	16.4	11	87	ug/Kg	463	*			35	142	
Benzo(a)anthracene	16.4	6.9	59	ug/Kg	318				0	0	
Chrysene	16.4	4.6	39	ug/Kg	210				0	0	
Benzo(b)fluoranthene	16.4	8.4	45	ug/Kg	223				0	0	
Benzo(k)fluoranthene	16.4	2.5	21	ug/Kg	113				0	0	
Benzo(a)pyrene	16.4	6.6	42	ug/Kg	216				0	0	
Indeno(1,2,3-cd)pyrene	16.4	3.4	25	ug/Kg	132				0	0	
Dibenzo(a,h)anthracene	16.4	1.1	14	ug/Kg	79				0	0	
Benzo(g,h,i)perylene	16.4	4.1	26	ug/Kg	134				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN071924

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3178-19MSD	Client Sample ID:	A4BT2MSD					DataFile:	BN032847.D		
1,4-Dioxane	81.9		38	ug/Kg	46		8		15	120	50
Naphthalene	16.4	1.4	22	ug/Kg	126		5	*	0	0	0
1-Methylnaphthalene	16.4		14	ug/Kg	85		7	*	0	0	0
2-Methylnaphthalene	16.4		16	ug/Kg	98		0		0	0	0
Acenaphthylene	16.4		12	ug/Kg	73		8	*	0	0	0
Acenaphthene	16.4	1.8	22	ug/Kg	123		0		31	137	19
Fluorene	16.4	1.8	21	ug/Kg	117		0		0	0	0
Pentachlorophenol	32.8		20	ug/Kg	61		5		17	109	47
Phenanthrene	16.4	14	130	ug/Kg	707		8	*	0	0	0
Anthracene	16.4	3.5	34	ug/Kg	186		3	*	0	0	0
Fluoranthene	16.4	13	110	ug/Kg	591		0		0	0	0
Pyrene	16.4	11	84	ug/Kg	445	*	4		35	142	36
Benzo(a)anthracene	16.4	6.9	57	ug/Kg	305		4	*	0	0	0
Chrysene	16.4	4.6	39	ug/Kg	210		0		0	0	0
Benzo(b)fluoranthene	16.4	8.4	45	ug/Kg	223		0		0	0	0
Benzo(k)fluoranthene	16.4	2.5	21	ug/Kg	113		0		0	0	0
Benzo(a)pyrene	16.4	6.6	41	ug/Kg	210		3	*	0	0	0
Indeno(1,2,3-cd)pyrene	16.4	3.4	25	ug/Kg	132		0		0	0	0
Dibenzo(a,h)anthracene	16.4	1.1	14	ug/Kg	79		0		0	0	0
Benzo(g,h,i)perylene	16.4	4.1	26	ug/Kg	134		0		0	0	0

Surrogate Summary

SW-846

SDG No.: **BN071924**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3178-01	A4BX9	BN032859.D	1,4-Dioxane-d8	8	2.95	37		15	120
			Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.24	61		20	140
P3178-03	A4BS8	BN032844.D	1,4-Dioxane-d8	8	3.22	40		15	120
			Fluoranthene-d10	0.4	0.22	56		30	130
			2-Methylnaphthalene-d10	0.4	0.23	57		20	140
P3178-04	A4BS9	BN032845.D	1,4-Dioxane-d8	8	2.81	35		15	120
			Fluoranthene-d10	0.4	0.20	50		30	130
			2-Methylnaphthalene-d10	0.4	0.19	49		20	140
P3178-05	A4BT0	BN032853.D	1,4-Dioxane-d8	8	2.92	37		15	120
			Fluoranthene-d10	0.4	0.22	54		30	130
			2-Methylnaphthalene-d10	0.4	0.20	50		20	140
P3178-06	A4BT1	BN032860.D	1,4-Dioxane-d8	8	3.34	42		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		20	140
P3178-07	A4BT2	BN032838.D	1,4-Dioxane-d8	8	3.41	43		15	120
			Fluoranthene-d10	0.4	0.21	53		30	130
			2-Methylnaphthalene-d10	0.4	0.21	52		20	140
P3178-08	A4BT3	BN032848.D	1,4-Dioxane-d8	8	2.79	35		15	120
			Fluoranthene-d10	0.4	0.20	50		30	130
			2-Methylnaphthalene-d10	0.4	0.20	49		20	140
P3178-09	A4BT4	BN032858.D	1,4-Dioxane-d8	8	2.52	31		15	120
			Fluoranthene-d10	0.4	0.19	47		30	130
			2-Methylnaphthalene-d10	0.4	0.18	46		20	140
P3178-10	A4BT5	BN032861.D	1,4-Dioxane-d8	8	2.94	37		15	120
			Fluoranthene-d10	0.4	0.23	56		30	130
			2-Methylnaphthalene-d10	0.4	0.22	56		20	140
P3178-11	A4BT6	BN032849.D	1,4-Dioxane-d8	8	3.07	38		15	120
			Fluoranthene-d10	0.4	0.22	56		30	130
			2-Methylnaphthalene-d10	0.4	0.22	55		20	140
P3178-12	A4BT7	BN032850.D	1,4-Dioxane-d8	8	2.33	29		15	120
			Fluoranthene-d10	0.4	0.17	43		30	130
			2-Methylnaphthalene-d10	0.4	0.17	41		20	140
P3178-13	A4BT8	BN032854.D	1,4-Dioxane-d8	8	3.72	47		15	120
			Fluoranthene-d10	0.4	0.26	64		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		20	140
P3178-14	A4BW0	BN032851.D	1,4-Dioxane-d8	8	2.16	27		15	120
			Fluoranthene-d10	0.4	0.17	42		30	130
			2-Methylnaphthalene-d10	0.4	0.17	41		20	140
P3178-15	A4BW1	BN032852.D	1,4-Dioxane-d8	8	3.30	41		15	120
			Fluoranthene-d10	0.4	0.24	59		30	130
			2-Methylnaphthalene-d10	0.4	0.22	56		20	140
P3178-16	A4BY4	BN032837.D	1,4-Dioxane-d8	8	3.24	40		15	120
			Fluoranthene-d10	0.4	0.21	52		30	130
			2-Methylnaphthalene-d10	0.4	0.22	56		20	140
P3178-17	A4BY5	BN032862.D	1,4-Dioxane-d8	8	2.85	36		15	120
			Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.24	59		20	140
P3178-18MS	A4BT2MS	BN032846.D	1,4-Dioxane-d8	0.8	0.42	52		15	120



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

Surrogate Summary

SW-846

SDG No.: BN071924

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3178-18MS	A4BT2MS	BN032846.D	Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		20	140
P3178-19MSD	A4BT2MSD	BN032847.D	1,4-Dioxane-d8	0.8	0.40	50		15	120
			Fluoranthene-d10	0.4	0.25	62		30	130
PB162048BL	PB162048BL	BN032857.D	2-Methylnaphthalene-d10	0.4	0.26	65		20	140
			1,4-Dioxane-d8	8	4.66	58		15	120
PB162048BS	PB162048BS	BN032855.D	Fluoranthene-d10	0.4	0.29	72		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		20	140
			1,4-Dioxane-d8	0.8	0.69	87		15	120
			Fluoranthene-d10	0.4	0.37	93		30	130
			2-Methylnaphthalene-d10	0.4	0.39	97		20	140

Surrogate Summary

SW-846

SDG No.: **BN071924**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3238-01	A4BE6	BN032841.D	1,4-Dioxane-d8	8	3.74	47		15	120
			Fluoranthene-d10	0.4	0.31	77		30	130
			2-Methylnaphthalene-d10	0.4	0.28	69		20	140
P3238-02MS	A4BE6MS	BN032842.D	1,4-Dioxane-d8	0.8	0.27	34		15	120
			Fluoranthene-d10	0.4	0.22	56		30	130
			2-Methylnaphthalene-d10	0.4	0.21	53		20	140
P3238-03MSD	A4BE6MSD	BN032843.D	1,4-Dioxane-d8	0.8	0.32	39		15	120
			Fluoranthene-d10	0.4	0.22	54		30	130
			2-Methylnaphthalene-d10	0.4	0.22	55		20	140
P3238-05	A4BE8	BN032863.D	1,4-Dioxane-d8	8	3.17	40		15	120
			Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.21	53		20	140
P3238-06	A4BE9	BN032866.D	1,4-Dioxane-d8	8	2.64	33		15	120
			Fluoranthene-d10	0.4	0.20	49		30	130
			2-Methylnaphthalene-d10	0.4	0.19	46		20	140
P3238-07	A4BF0	BN032870.D	1,4-Dioxane-d8	8	3.20	40		15	120
			Fluoranthene-d10	0.4	0.21	52		30	130
			2-Methylnaphthalene-d10	0.4	0.22	54		20	140
P3238-10	A4BF6	BN032864.D	1,4-Dioxane-d8	8	2.25	28		15	120
			Fluoranthene-d10	0.4	0.18	44		30	130
			2-Methylnaphthalene-d10	0.4	0.17	42		20	140
P3238-11	A4BF7	BN032865.D	1,4-Dioxane-d8	8	3.21	40		15	120
			Fluoranthene-d10	0.4	0.21	53		30	130
			2-Methylnaphthalene-d10	0.4	0.21	52		20	140
P3238-13	A4BF9	BN032871.D	1,4-Dioxane-d8	8	2.42	30		15	120
			Fluoranthene-d10	0.4	0.17	43		30	130
			2-Methylnaphthalene-d10	0.4	0.16	40		20	140
P3238-14	A4BG0	BN032872.D	1,4-Dioxane-d8	8	2.35	29		15	120
			Fluoranthene-d10	0.4	0.15	38		30	130
			2-Methylnaphthalene-d10	0.4	0.16	40		20	140
P3238-15	A4BZ5	BN032867.D	1,4-Dioxane-d8	8	2.08	26		15	120
			Fluoranthene-d10	0.4	0.14	35		30	130
			2-Methylnaphthalene-d10	0.4	0.14	35		20	140
P3238-16	A4BZ6	BN032868.D	1,4-Dioxane-d8	8	2.33	29		15	120
			Fluoranthene-d10	0.4	0.16	41		30	130
			2-Methylnaphthalene-d10	0.4	0.16	41		20	140
P3238-17	A4C04	BN032869.D	1,4-Dioxane-d8	8	2.80	35		15	120
			Fluoranthene-d10	0.4	0.24	59		30	130
			2-Methylnaphthalene-d10	0.4	0.21	53		20	140
P3238-24	A4DQ3	BN032834.D	1,4-Dioxane-d8	0.8	0.24	30		15	120
			Fluoranthene-d10	0.4	0.18	44		30	130
			2-Methylnaphthalene-d10	0.4	0.18	45		20	140
P3238-24DL	A4DQ3DL	BN032835.D	1,4-Dioxane-d8	0.8	0.41	51		15	120
			Fluoranthene-d10	0.4	0.20	50		30	130
			2-Methylnaphthalene-d10	0.4	0.19	47		20	140
PB162090BL	PB162090BL	BN032833.D	1,4-Dioxane-d8	8	4.92	61		15	120
		BN032840.D	1,4-Dioxane-d8	8	4.84	61		15	120
		BN032833.D	Fluoranthene-d10	0.4	0.23	58		30	130
		BN032840.D	Fluoranthene-d10	0.4	0.23	58		30	130



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

Surrogate Summary

SW-846

SDG No.: BN071924

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
PB162090BL	PB162090BL	BN032840.D	2-Methylnaphthalene-d10	0.4	0.23	58		20	140
		BN032833.D	2-Methylnaphthalene-d10	0.4	0.23	58		20	140
PB162090BS	PB162090BS	BN032836.D	1,4-Dioxane-d8	0.8	0.69	86		15	120
			Fluoranthene-d10	0.4	0.29	73		30	130
			2-Methylnaphthalene-d10	0.4	0.31	76		20	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN071924

Lab Code: CHEM

SAS No.: BN071924

SDG NO.: BN071924

Lab File ID: BN032831.D

DFTPP Injection Date: 07/19/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:44

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	26.9
68	Less than 2.0% of mass 69	0.6 (2) 1
69	Mass 69 relative abundance	31.7
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	46.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	28
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	12.1
442	Greater than 50% of mass 198	66.2
443	15.0 - 24.0% of mass 442	14.2 (21.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD0.4269	SSTDCCC0.4	BN032832.D	07/19/2024	09:23
SBLK090	PB162090BL	BN032833.D	07/19/2024	09:59
A4DQ3	P3238-24	BN032834.D	07/19/2024	10:35
A4DQ3DL	P3238-24DL	BN032835.D	07/19/2024	11:33
SLCS090	PB162090BS	BN032836.D	07/19/2024	12:09
A4BY4	P3178-16	BN032837.D	07/19/2024	12:46
A4BT2	P3178-07	BN032838.D	07/19/2024	13:23
SSTD0.4270	SSTDCCC0.4	BN032839.D	07/19/2024	13:59
SBLK090	PB162090BL	BN032840.D	07/19/2024	14:35
A4BE6	P3238-01	BN032841.D	07/19/2024	15:11
A4BE6MS	P3238-02MS	BN032842.D	07/19/2024	15:48
A4BE6MSD	P3238-03MSD	BN032843.D	07/19/2024	16:24
A4BS8	P3178-03	BN032844.D	07/19/2024	17:00
A4BS9	P3178-04	BN032845.D	07/19/2024	17:36
A4BT2MS	P3178-18MS	BN032846.D	07/19/2024	18:13
A4BT2MSD	P3178-19MSD	BN032847.D	07/19/2024	18:49
A4BT3	P3178-08	BN032848.D	07/19/2024	19:25
A4BT6	P3178-11	BN032849.D	07/19/2024	20:01

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN071924

Lab Code: CHEM

SAS No.: BN071924

SDG NO.: BN071924

Lab File ID: BN032831.D

DFTPP Injection Date: 07/19/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:44

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	26.9
68	Less than 2.0% of mass 69	0.6 (2) 1
69	Mass 69 relative abundance	31.7
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	46.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	28
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	12.1
442	Greater than 50% of mass 198	66.2
443	15.0 - 24.0% of mass 442	14.2 (21.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
A4BT7	P3178-12	BN032850.D	07/19/2024	20:38
A4BW0	P3178-14	BN032851.D	07/19/2024	21:13
A4BW1	P3178-15	BN032852.D	07/19/2024	21:50
A4BT0	P3178-05	BN032853.D	07/19/2024	22:26
A4BT8	P3178-13	BN032854.D	07/19/2024	23:02
SLCS048	PB162048BS	BN032855.D	07/19/2024	23:38
SSTD0.4271	SSTDCCC0.4	BN032856.D	07/20/2024	00:50
SBLK048	PB162048BL	BN032857.D	07/20/2024	01:26
A4BT4	P3178-09	BN032858.D	07/20/2024	02:02
A4BX9	P3178-01	BN032859.D	07/20/2024	02:38
A4BT1	P3178-06	BN032860.D	07/20/2024	03:14
A4BT5	P3178-10	BN032861.D	07/20/2024	03:50
A4BY5	P3178-17	BN032862.D	07/20/2024	04:26
A4BE8	P3238-05	BN032863.D	07/20/2024	05:02
A4BF6	P3238-10	BN032864.D	07/20/2024	05:38
A4BF7	P3238-11	BN032865.D	07/20/2024	06:14
A4BE9	P3238-06	BN032866.D	07/20/2024	06:50
A4BZ5	P3238-15	BN032867.D	07/20/2024	07:27

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN071924

Lab Code: CHEM

SAS No.: BN071924

SDG NO.: BN071924

Lab File ID: BN032831.D

DFTPP Injection Date: 07/19/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:44

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
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127	10.0 - 80.0% of mass 198	46.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	28
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443	15.0 - 24.0% of mass 442	14.2 (21.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
A4BZ6	P3238-16	BN032868.D	07/20/2024	08:03
A4C04	P3238-17	BN032869.D	07/20/2024	08:39
A4BF0	P3238-07	BN032870.D	07/20/2024	09:15
A4BF9	P3238-13	BN032871.D	07/20/2024	09:51
A4BG0	P3238-14	BN032872.D	07/20/2024	10:27
SSTD0.4272	SSTDCCC0.4EC	BN032873.D	07/20/2024	11:39