

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN112224 SAS No.: BN112224 SDG No.: BN112224

Instrument ID: BNA_N Calibration Date/Time: 11/22/2024 : 11:51

Lab File ID: BN035237.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4347 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.397	0.461	0.010	16.2329	40.0
1,4-Dioxane-d8	0.366	0.402	0.010	9.9605	40.0
Naphthalene	1.008	1.037	0.600	2.8626	30.0
1-Methylnaphthalene	0.705	0.722	0.300	2.3358	30.0
2-Methylnaphthalene	0.699	0.712	0.300	1.8718	30.0
Acenaphthylene	1.587	1.836	0.900	15.7327	30.0
Acenaphthene	1.214	1.325	0.500	9.1132	30.0
Fluorene	1.425	1.590	0.700	11.5762	30.0
Pentachlorophenol	0.093	0.122	0.010	30.4622	50.0
Phenanthrene	1.057	1.137	0.300	7.5566	30.0
Anthracene	0.981	1.091	0.400	11.1216	30.0
Fluoranthene	1.393	1.745	0.400	25.3287	30.0
Pyrene	1.449	1.866	0.500	28.7322	30.0
Benzo (a) anthracene	1.388	1.538	0.400	10.7902	30.0
Chrysene	1.397	1.518	0.400	8.6669	30.0
Benzo (b) fluoranthene	1.322	1.471	0.200	11.2408	30.0
Benzo (k) fluoranthene	1.363	1.561	0.200	14.5101	30.0
Benzo (a) pyrene	1.208	1.337	0.200	10.6255	30.0
Indeno (1,2,3-cd) pyrene	1.632	1.597	0.200	-2.141	30.0
Dibenzo (a,h) anthracene	1.279	1.192	0.200	-6.8585	30.0
Benzo (g,h,i) perylene	1.287	1.224	0.200	-4.9118	30.0
Fluoranthene-d10	1.104	1.284	0.400	16.3884	30.0
2-Methylnaphthalene-d10	0.586	0.550	0.300	-6.1433	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.: BN112224 SAS No.: BN112224 SDG No.: BN112224

Instrument ID: BNA_N Calibration Date/Time: 11/22/2024 : 20:46

Lab File ID: BN035250.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4348 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.397	0.388	0.010	-2.1983	40.0
1,4-Dioxane-d8	0.366	0.350	0.010	-4.1467	40.0
Naphthalene	1.008	1.025	0.600	1.723	30.0
1-Methylnaphthalene	0.705	0.710	0.300	0.6633	30.0
2-Methylnaphthalene	0.699	0.698	0.300	-0.1386	30.0
Acenaphthylene	1.587	1.797	0.900	13.2692	30.0
Acenaphthene	1.214	1.331	0.500	9.6712	30.0
Fluorene	1.425	1.520	0.700	6.6744	30.0
Pentachlorophenol	0.093	0.087	0.010	-6.4752	50.0
Phenanthrene	1.057	1.138	0.300	7.6321	30.0
Anthracene	0.981	1.021	0.400	3.9835	30.0
Fluoranthene	1.393	1.849	0.400	32.734	30.0
Pyrene	1.449	1.885	0.500	30.096	30.0
Benzo (a) anthracene	1.388	1.425	0.400	2.6797	30.0
Chrysene	1.397	1.514	0.400	8.38	30.0
Benzo (b) fluoranthene	1.322	1.387	0.200	4.9251	30.0
Benzo (k) fluoranthene	1.363	1.515	0.200	11.1528	30.0
Benzo (a) pyrene	1.208	1.264	0.200	4.6042	30.0
Indeno (1,2,3-cd) pyrene	1.632	1.684	0.200	3.1807	30.0
Dibenzo (a,h) anthracene	1.279	1.293	0.200	1.1014	30.0
Benzo (g,h,i) perylene	1.287	1.284	0.200	-0.2184	30.0
Fluoranthene-d10	1.104	1.335	0.400	20.9536	30.0
2-Methylnaphthalene-d10	0.586	0.530	0.300	-9.5006	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.: BN112224 SAS No.: BN112224 SDG No.: BN112224

Instrument ID: BNA_N Calibration Date/Time: 11/23/2024 : 06:23

Lab File ID: BN035266.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4349 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.397	0.308	0.010	-22.332	40.0
1,4-Dioxane-d8	0.366	0.294	0.010	-19.7164	40.0
Naphthalene	1.008	1.020	0.600	1.2309	30.0
1-Methylnaphthalene	0.705	0.706	0.300	0.0552	30.0
2-Methylnaphthalene	0.699	0.690	0.300	-1.2283	30.0
Acenaphthylene	1.587	1.809	0.900	13.9862	30.0
Acenaphthene	1.214	1.328	0.500	9.3669	30.0
Fluorene	1.425	1.507	0.700	5.7824	30.0
Pentachlorophenol	0.093	0.085	0.010	-8.7479	50.0
Phenanthrene	1.057	1.130	0.300	6.8535	30.0
Anthracene	0.981	1.014	0.400	3.3419	30.0
Fluoranthene	1.393	1.852	0.400	32.9764	30.0
Pyrene	1.449	1.857	0.500	28.1189	30.0
Benzo (a) anthracene	1.388	1.438	0.400	3.5751	30.0
Chrysene	1.397	1.495	0.400	7.0124	30.0
Benzo (b) fluoranthene	1.322	1.399	0.200	5.7767	30.0
Benzo (k) fluoranthene	1.363	1.508	0.200	10.6011	30.0
Benzo (a) pyrene	1.208	1.264	0.200	4.604	30.0
Indeno (1,2,3-cd) pyrene	1.632	1.637	0.200	0.3103	30.0
Dibenzo (a,h) anthracene	1.279	1.236	0.200	-3.3714	30.0
Benzo (g,h,i) perylene	1.287	1.281	0.200	-0.436	30.0
Fluoranthene-d10	1.104	1.325	0.400	20.0827	30.0
2-Methylnaphthalene-d10	0.586	0.525	0.300	-10.3808	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.: BN112224 SAS No.: BN112224 SDG No.: BN112224

Instrument ID: BNA_N Calibration Date/Time: 11/23/2024 : 12:23

Lab File ID: BN035275.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4350 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.397	0.294	0.010	-26.006	50.0
1,4-Dioxane-d8	0.366	0.270	0.010	-26.061	50.0
Naphthalene	1.008	1.042	0.600	3.4051	50.0
1-Methylnaphthalene	0.705	0.726	0.300	2.9741	50.0
2-Methylnaphthalene	0.699	0.714	0.300	2.1557	50.0
Acenaphthylene	1.587	1.922	0.900	21.1107	50.0
Acenaphthene	1.214	1.369	0.500	12.7435	50.0
Fluorene	1.425	1.560	0.700	9.5005	50.0
Pentachlorophenol	0.093	0.080	0.010	-14.419	50.0
Phenanthrene	1.057	1.165	0.300	10.1742	50.0
Anthracene	0.981	1.042	0.400	6.1506	50.0
Fluoranthene	1.393	1.692	0.400	21.4753	50.0
Pyrene	1.449	1.727	0.500	19.146	50.0
Benzo (a) anthracene	1.388	1.493	0.400	7.5491	50.0
Chrysene	1.397	1.534	0.400	9.8356	50.0
Benzo (b) fluoranthene	1.322	1.470	0.200	11.1829	50.0
Benzo (k) fluoranthene	1.363	1.622	0.200	19.015	50.0
Benzo (a) pyrene	1.208	1.299	0.200	7.513	50.0
Indeno (1,2,3-cd) pyrene	1.632	1.609	0.200	-1.3789	50.0
Dibenzo (a,h) anthracene	1.279	1.208	0.200	-5.5868	50.0
Benzo (g,h,i) perylene	1.287	1.230	0.200	-4.3873	50.0
Fluoranthene-d10	1.104	1.207	0.400	9.4185	50.0
2-Methylnaphthalene-d10	0.586	0.541	0.300	-7.6739	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SBLK099	SDG No.:	BN112224
Lab Sample ID:	PB165099BL	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
BN035238.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165099

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	4.405		15-120		55	SPK: -8
93951-69-0	Fluoranthene-d10	0.294		30-130		74	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.242		20-140		60	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4399	7.318				
1146-65-2	Naphthalene-d8	11408	10.069				
15067-26-2	Acenaphthene-d10	7512	13.981				

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SBLK099	SDG No.:	BN112224
Lab Sample ID:	PB165099BL	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
BN035238.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17322	16.751				
1719-03-5	Chrysene-d12	13352	20.996				
1520-96-3	Perylene-d12	11263	23.1				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29X1	SDG No.:	BN112224
Lab Sample ID:	P4872-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035239.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3	J	1.3	0	7.9	ug/Kg
91-20-3	Naphthalene	0.83	J	0.44	0.98	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	1	U	1	0.98	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.83	J	0.4	0.98	3.9	ug/Kg
208-96-8	Acenaphthylene	14		0.56	0.98	3.9	ug/Kg
83-32-9	Acenaphthene	1	J	0.46	0.98	3.9	ug/Kg
86-73-7	Fluorene	2	J	0.81	0.98	3.9	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2	7.9	ug/Kg
85-01-8	Phenanthrene	11		0.61	0.98	3.9	ug/Kg
120-12-7	Anthracene	6.2		0.62	0.98	3.9	ug/Kg
206-44-0	Fluoranthene	48		0.81	0.98	3.9	ug/Kg
129-00-0	Pyrene	40		0.62	0.98	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	30		0.5	0.98	3.9	ug/Kg
218-01-9	Chrysene	27		0.5	0.98	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	44		0.25	0.98	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	17		0.46	0.98	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	32		0.43	0.98	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	15		1	0.98	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4.4		1.1	0.98	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	16		1.2	0.98	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.521		15-120		32	SPK: -8
93951-69-0	Fluoranthene-d10	0.219		30-130		55	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.17		20-140		43	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4201		7.322			
1146-65-2	Naphthalene-d8	11068		10.07			
15067-26-2	Acenaphthene-d10	7178		13.981			

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29X1	SDG No.:	BN112224
Lab Sample ID:	P4872-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16
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
BN035239.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16412	16.747				
1719-03-5	Chrysene-d12	13804	20.991				
1520-96-3	Perylene-d12	11517	23.095				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29X2	SDG No.:	BN112224
Lab Sample ID:	P4872-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.5
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035240.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165099

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	0.44	U	0.44	0.99	4	ug/Kg
90-12-0	1-Methylnaphthalene	1	U	1	0.99	4	ug/Kg
91-57-6	2-Methylnaphthalene	0.41	U	0.41	0.99	4	ug/Kg
208-96-8	Acenaphthylene	2	J	0.56	0.99	4	ug/Kg
83-32-9	Acenaphthene	0.47	U	0.47	0.99	4	ug/Kg
86-73-7	Fluorene	0.81	U	0.81	0.99	4	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2	8	ug/Kg
85-01-8	Phenanthrene	5.8		0.61	0.99	4	ug/Kg
120-12-7	Anthracene	1.3	J	0.62	0.99	4	ug/Kg
206-44-0	Fluoranthene	15		0.81	0.99	4	ug/Kg
129-00-0	Pyrene	13		0.62	0.99	4	ug/Kg
56-55-3	Benzo(a)anthracene	5		0.5	0.99	4	ug/Kg
218-01-9	Chrysene	5.8		0.5	0.99	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	8.9		0.25	0.99	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	3.2	J	0.47	0.99	4	ug/Kg
50-32-8	Benzo(a)pyrene	6.5		0.43	0.99	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3.4	J	1	0.99	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.1	U	1.1	0.99	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4.4		1.2	0.99	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.422		15-120		30	SPK: -8
93951-69-0	Fluoranthene-d10	0.207		30-130		52	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.142		20-140		36	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3340		7.318			
1146-65-2	Naphthalene-d8	8860		10.069			
15067-26-2	Acenaphthene-d10	5573		13.981			

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29X2	SDG No.:	BN112224
Lab Sample ID:	P4872-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.5
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
BN035240.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12058	16.747				
1719-03-5	Chrysene-d12	8027	20.993				
1520-96-3	Perylene-d12	6813	23.097				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E2A20	SDG No.:	BN112224
Lab Sample ID:	P4875-21	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 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
BN035241.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165092

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/L
91-20-3	Naphthalene	0.01	U	0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.04	U	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0	U	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.436		15-120		55	SPK: -8
93951-69-0	Fluoranthene-d10	0.487		30-130		122	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.29		30-130		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3089	7.318				
1146-65-2	Naphthalene-d8	8139	10.069				
15067-26-2	Acenaphthene-d10	5307	13.981				

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E2A20	SDG No.:	BN112224
Lab Sample ID:	P4875-21	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 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
BN035241.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165092

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11892	16.747				
1719-03-5	Chrysene-d12	8274	20.991				
1520-96-3	Perylene-d12	6579	23.095				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E29Y9	SDG No.:	BN112224
Lab Sample ID:	P4872-22	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035242.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165099

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	0.44	U	0.44	0.99	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	1	U	1	0.99	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.41	U	0.41	0.99	3.9	ug/Kg
208-96-8	Acenaphthylene	3.1	J	0.56	0.99	3.9	ug/Kg
83-32-9	Acenaphthene	0.47	U	0.47	0.99	3.9	ug/Kg
86-73-7	Fluorene	0.96	J	0.81	0.99	3.9	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2	8	ug/Kg
85-01-8	Phenanthrene	7.5		0.61	0.99	3.9	ug/Kg
120-12-7	Anthracene	2.2	J	0.62	0.99	3.9	ug/Kg
206-44-0	Fluoranthene	18		0.81	0.99	3.9	ug/Kg
129-00-0	Pyrene	15		0.62	0.99	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	7.9		0.5	0.99	3.9	ug/Kg
218-01-9	Chrysene	8.2		0.5	0.99	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	15		0.25	0.99	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	5.3		0.47	0.99	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	12		0.43	0.99	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	6.1		1	0.99	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2	J	1.1	0.99	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	7.9		1.2	0.99	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.788		15-120		35	SPK: -8
93951-69-0	Fluoranthene-d10	0.274		30-130		68	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.176		20-140		44	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3122		7.318			
1146-65-2	Naphthalene-d8	8322		10.069			
15067-26-2	Acenaphthene-d10	5275		13.981			

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E29Y9	SDG No.:	BN112224
Lab Sample ID:	P4872-22	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.7
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
BN035242.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11579	16.747				
1719-03-5	Chrysene-d12	7764	20.993				
1520-96-3	Perylene-d12	6218	23.097				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E29Y7	SDG No.:	BN112224
Lab Sample ID:	P4872-20	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035243.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165099

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	0.47	U	0.47	1.1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	1.1	U	1.1	1.1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	0.44	U	0.44	1.1	4.2	ug/Kg
208-96-8	Acenaphthylene	3.8	J	0.6	1.1	4.2	ug/Kg
83-32-9	Acenaphthene	0.5	U	0.5	1.1	4.2	ug/Kg
86-73-7	Fluorene	1.1	J	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	12		0.65	1.1	4.2	ug/Kg
120-12-7	Anthracene	3.8	J	0.67	1.1	4.2	ug/Kg
206-44-0	Fluoranthene	41		0.87	1.1	4.2	ug/Kg
129-00-0	Pyrene	32		0.67	1.1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	14		0.54	1.1	4.2	ug/Kg
218-01-9	Chrysene	13		0.54	1.1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	19		0.27	1.1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	6.4		0.5	1.1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	15		0.46	1.1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	7.2		1.1	1.1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2	J	1.1	1.1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	8.7		1.3	1.1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.8		15-120		60	SPK: -8
93951-69-0	Fluoranthene-d10	0.473		30-130		118	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.307		20-140		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3418		7.318			
1146-65-2	Naphthalene-d8	8963		10.069			
15067-26-2	Acenaphthene-d10	5828		13.981			

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E29Y7	SDG No.:	BN112224
Lab Sample ID:	P4872-20	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.2
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
BN035243.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12798	16.747				
1719-03-5	Chrysene-d12	8211	20.99				
1520-96-3	Perylene-d12	6616	23.092				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E29Y1	SDG No.:	BN112224
Lab Sample ID:	P4872-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035244.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165099

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	0.48	U	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	0.45	U	0.45	1.1	4.3	ug/Kg
208-96-8	Acenaphthylene	4	J	0.62	1.1	4.3	ug/Kg
83-32-9	Acenaphthene	0.51	U	0.51	1.1	4.3	ug/Kg
86-73-7	Fluorene	0.89	U	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	4.3		0.67	1.1	4.3	ug/Kg
120-12-7	Anthracene	1.8	J	0.68	1.1	4.3	ug/Kg
206-44-0	Fluoranthene	17		0.89	1.1	4.3	ug/Kg
129-00-0	Pyrene	13		0.68	1.1	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	7		0.55	1.1	4.3	ug/Kg
218-01-9	Chrysene	7		0.55	1.1	4.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	11		0.28	1.1	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	4.7		0.51	1.1	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	9.5		0.47	1.1	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4.6		1.1	1.1	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.4	J	1.2	1.1	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5.8		1.3	1.1	4.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.038		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.32		30-130		80	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	3534		7.322			
1146-65-2	Naphthalene-d8	9264		10.069			
15067-26-2	Acenaphthene-d10	5813		13.981			

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E29Y1	SDG No.:	BN112224
Lab Sample ID:	P4872-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.9
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
BN035244.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12375	16.747				
1719-03-5	Chrysene-d12	7697	20.99				
1520-96-3	Perylene-d12	7318	23.092				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E2A24	SDG No.:	BN112224
Lab Sample ID:	P4875-22	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 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
BN035245.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.02	J	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.004		15-120		63	SPK: -8
93951-69-0	Fluoranthene-d10	0.537	*	30-130		134	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.311		30-130		78	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3192		7.318			
1146-65-2	Naphthalene-d8	8398		10.069			
15067-26-2	Acenaphthene-d10	5462		13.981			

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E2A24	SDG No.:	BN112224
Lab Sample ID:	P4875-22	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 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
BN035245.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11666	16.747				
1719-03-5	Chrysene-d12	7362	20.991				
1520-96-3	Perylene-d12	6127	23.092				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	SBLK200	SDG No.:	BN112224
Lab Sample ID:	PB165200BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 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
BN035246.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.461		15-120		68	SPK: -8
93951-69-0	Fluoranthene-d10	0.438		30-130		109	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.299		30-130		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3561		7.322			
1146-65-2	Naphthalene-d8	9357		10.069			
15067-26-2	Acenaphthene-d10	5903		13.981			

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	SBLK200	SDG No.:	BN112224
Lab Sample ID:	PB165200BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 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
BN035246.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12670	16.747				
1719-03-5	Chrysene-d12	7822	20.991				
1520-96-3	Perylene-d12	6760	23.095				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	E1PH7	SDG No.:	BN112224
Lab Sample ID:	P4965-01	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			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
BN035247.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.394		15-120		55	SPK: -8
93951-69-0	Fluoranthene-d10	0.42		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.3		30-130		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3402		7.318			
1146-65-2	Naphthalene-d8	8401		10.069			
15067-26-2	Acenaphthene-d10	4769		13.981			

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	E1PH7	SDG No.:	BN112224
Lab Sample ID:	P4965-01	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 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
BN035247.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9591	16.747				
1719-03-5	Chrysene-d12	7178	20.99				
1520-96-3	Perylene-d12	7616	23.092				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	E1PH8	SDG No.:	BN112224
Lab Sample ID:	P4965-02	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 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
BN035248.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.176		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.531	*	30-130		133	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.319		30-130		80	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3250		7.322			
1146-65-2	Naphthalene-d8	8585		10.069			
15067-26-2	Acenaphthene-d10	5445		13.981			

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	E1PH8	SDG No.:	BN112224
Lab Sample ID:	P4965-02	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 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
BN035248.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11772	16.747				
1719-03-5	Chrysene-d12	7554	20.99				
1520-96-3	Perylene-d12	6064	23.092				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	SLCS200	SDG No.:	BN112224
Lab Sample ID:	PB165200BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 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
BN035249.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.6		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.37		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.36		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.36		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.41		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.39		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.38		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.83		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.39		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.38		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.48		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.47		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.4		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.42		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.43		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.44		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.41		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.39		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.37		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.39		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.628		15-120		79	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.478		30-130		119	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.361		30-130		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3041	7.322				
1146-65-2	Naphthalene-d8	7749	10.07				
15067-26-2	Acenaphthene-d10	4800	13.981				

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	SLCS200	SDG No.:	BN112224
Lab Sample ID:	PB165200BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 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
BN035249.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10585	16.747				
1719-03-5	Chrysene-d12	7608	20.988				
1520-96-3	Perylene-d12	6707	23.092				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SBLK115	SDG No.:	BN112224
Lab Sample ID:	PB165115BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 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
BN035251.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.217		15-120		65	SPK: -8
93951-69-0	Fluoranthene-d10	0.42		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.303		30-130		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3032		7.318			
1146-65-2	Naphthalene-d8	7814		10.069			
15067-26-2	Acenaphthene-d10	4951		13.981			

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SBLK115	SDG No.:	BN112224
Lab Sample ID:	PB165115BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 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
BN035251.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10850	16.747				
1719-03-5	Chrysene-d12	7402	20.99				
1520-96-3	Perylene-d12	6090	23.092				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SBLK099	SDG No.:	BN112224
Lab Sample ID:	PB165099BL	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
BN035252.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165099

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	3.848		15-120		48	SPK: -8
93951-69-0	Fluoranthene-d10	0.308		30-130		77	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.233		20-140		58	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4274	7.318				
1146-65-2	Naphthalene-d8	10899	10.07				
15067-26-2	Acenaphthene-d10	6982	13.981				

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SBLK099	SDG No.:	BN112224
Lab Sample ID:	PB165099BL	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
BN035252.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15495	16.747				
1719-03-5	Chrysene-d12	10988	20.991				
1520-96-3	Perylene-d12	9711	23.092				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29X9	SDG No.:	BN112224
Lab Sample ID:	P4872-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	49.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035253.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165099

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	0.73	U	0.73	1.6	6.5	ug/Kg
90-12-0	1-Methylnaphthalene	1.7	U	1.7	1.6	6.5	ug/Kg
91-57-6	2-Methylnaphthalene	0.67	U	0.67	1.6	6.5	ug/Kg
208-96-8	Acenaphthylene	0.92	U	0.92	1.6	6.5	ug/Kg
83-32-9	Acenaphthene	0.77	U	0.77	1.6	6.5	ug/Kg
86-73-7	Fluorene	1.3	U	1.3	1.6	6.5	ug/Kg
87-86-5	Pentachlorophenol	2.7	U	2.7	3.3	13	ug/Kg
85-01-8	Phenanthrene	1	U	1	1.6	6.5	ug/Kg
120-12-7	Anthracene	1	U	1	1.6	6.5	ug/Kg
206-44-0	Fluoranthene	1.3	U	1.3	1.6	6.5	ug/Kg
129-00-0	Pyrene	1	U	1	1.6	6.5	ug/Kg
56-55-3	Benzo(a)anthracene	0.82	U	0.82	1.6	6.5	ug/Kg
218-01-9	Chrysene	0.82	U	0.82	1.6	6.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.41	U	0.41	1.6	6.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.77	U	0.77	1.6	6.5	ug/Kg
50-32-8	Benzo(a)pyrene	0.71	U	0.71	1.6	6.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.7	U	1.7	1.6	6.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.7	U	1.7	1.6	6.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	1.6	6.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.968		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.264		30-130		66	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.188		20-140		47	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3345		7.318			
1146-65-2	Naphthalene-d8	8582		10.07			
15067-26-2	Acenaphthene-d10	5446		13.981			

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29X9	SDG No.:	BN112224
Lab Sample ID:	P4872-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	49.2
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
BN035253.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12026	16.747				
1719-03-5	Chrysene-d12	8558	20.988				
1520-96-3	Perylene-d12	6875	23.089				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Y0	SDG No.:	BN112224
Lab Sample ID:	P4872-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035254.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.4	ug/Kg
91-20-3	Naphthalene	0.41	U	0.41	0.92	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	0.94	U	0.94	0.92	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	0.38	U	0.38	0.92	3.7	ug/Kg
208-96-8	Acenaphthylene	0.52	U	0.52	0.92	3.7	ug/Kg
83-32-9	Acenaphthene	0.43	U	0.43	0.92	3.7	ug/Kg
86-73-7	Fluorene	0.76	U	0.76	0.92	3.7	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.4	ug/Kg
85-01-8	Phenanthrene	0.57	U	0.57	0.92	3.7	ug/Kg
120-12-7	Anthracene	0.58	U	0.58	0.92	3.7	ug/Kg
206-44-0	Fluoranthene	0.76	U	0.76	0.92	3.7	ug/Kg
129-00-0	Pyrene	0.58	U	0.58	0.92	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	0.47	U	0.47	0.92	3.7	ug/Kg
218-01-9	Chrysene	0.47	U	0.47	0.92	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.23	U	0.23	0.92	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.43	U	0.43	0.92	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	0.4	U	0.4	0.92	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.96	U	0.96	0.92	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.99	U	0.99	0.92	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	0.92	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.886		15-120		24	SPK: -8
93951-69-0	Fluoranthene-d10	0.165		30-130		41	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.12		20-140		30	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3279		7.318			
1146-65-2	Naphthalene-d8	8435		10.069			
15067-26-2	Acenaphthene-d10	5315		13.981			

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Y0	SDG No.:	BN112224
Lab Sample ID:	P4872-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.3
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
BN035254.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11759	16.747				
1719-03-5	Chrysene-d12	8285	20.988				
1520-96-3	Perylene-d12	6733	23.089				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E29Y3	SDG No.:	BN112224
Lab Sample ID:	P4872-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11
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
BN035255.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.5	ug/Kg
91-20-3	Naphthalene	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	0.53	U	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	0.76	U	0.76	0.93	3.7	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.5	ug/Kg
85-01-8	Phenanthrene	0.57	U	0.57	0.93	3.7	ug/Kg
120-12-7	Anthracene	0.58	U	0.58	0.93	3.7	ug/Kg
206-44-0	Fluoranthene	0.76	U	0.76	0.93	3.7	ug/Kg
129-00-0	Pyrene	0.58	U	0.58	0.93	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	0.47	U	0.47	0.93	3.7	ug/Kg
218-01-9	Chrysene	0.47	U	0.47	0.93	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.24	U	0.24	0.93	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.44	U	0.44	0.93	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	0.4	U	0.4	0.93	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.97	U	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	1.1	U	1.1	0.93	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.584		15-120		32	SPK: -8
93951-69-0	Fluoranthene-d10	0.298		30-130		75	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	3107		7.318			
1146-65-2	Naphthalene-d8	8038		10.07			
15067-26-2	Acenaphthene-d10	5074		13.981			

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E29Y3	SDG No.:	BN112224
Lab Sample ID:	P4872-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11
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
BN035255.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11292	16.747				
1719-03-5	Chrysene-d12	8042	20.991				
1520-96-3	Perylene-d12	6512	23.095				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SLCS099	SDG No.:	BN112224
Lab Sample ID:	PB165099BS	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
BN035256.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	44		1.1	0	6.7	ug/Kg
91-20-3	Naphthalene	11		0.37	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	10		0.85	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	10		0.34	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	12		0.47	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	11		0.39	0.83	3.3	ug/Kg
86-73-7	Fluorene	11		0.68	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	22		1.4	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	11		0.51	0.83	3.3	ug/Kg
120-12-7	Anthracene	11		0.52	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	13		0.68	0.83	3.3	ug/Kg
129-00-0	Pyrene	13		0.52	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	11		0.42	0.83	3.3	ug/Kg
218-01-9	Chrysene	11		0.42	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	11		0.21	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	12		0.39	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	11		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	9.6		0.89	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	9.9		0.98	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.507		15-120		63	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.374		30-130		94	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.305		20-140		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3718	7.318				
1146-65-2	Naphthalene-d8	9412	10.069				
15067-26-2	Acenaphthene-d10	5930	13.977				

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SLCS099	SDG No.:	BN112224
Lab Sample ID:	PB165099BS	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
BN035256.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13279	16.747				
1719-03-5	Chrysene-d12	9950	20.988				
1520-96-3	Perylene-d12	8640	23.092				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E29Y4	SDG No.:	BN112224
Lab Sample ID:	P4872-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035257.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

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	0.96	J	0.44	0.99	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	1	U	1	0.99	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.41	U	0.41	0.99	3.9	ug/Kg
208-96-8	Acenaphthylene	5.7		0.56	0.99	3.9	ug/Kg
83-32-9	Acenaphthene	0.47	U	0.47	0.99	3.9	ug/Kg
86-73-7	Fluorene	2.4	J	0.81	0.99	3.9	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2	8	ug/Kg
85-01-8	Phenanthrene	16		0.61	0.99	3.9	ug/Kg
120-12-7	Anthracene	5.1		0.62	0.99	3.9	ug/Kg
206-44-0	Fluoranthene	53		0.81	0.99	3.9	ug/Kg
129-00-0	Pyrene	44		0.62	0.99	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	22		0.5	0.99	3.9	ug/Kg
218-01-9	Chrysene	23		0.5	0.99	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	34		0.25	0.99	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	12		0.47	0.99	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	27		0.43	0.99	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	13		1	0.99	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3.5	J	1.1	0.99	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	17		1.2	0.99	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.379		15-120		55	SPK: -8
93951-69-0	Fluoranthene-d10	0.53	*	30-130		132	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.345		20-140		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3484		7.318			
1146-65-2	Naphthalene-d8	9083		10.069			
15067-26-2	Acenaphthene-d10	6014		13.981			

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E29Y4	SDG No.:	BN112224
Lab Sample ID:	P4872-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.6
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
BN035257.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13710	16.747				
1719-03-5	Chrysene-d12	9829	20.988				
1520-96-3	Perylene-d12	7640	23.089				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E29Y6	SDG No.:	BN112224
Lab Sample ID:	P4872-19	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.8
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
BN035258.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

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	3.3	J	0.42	0.94	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	3.3	J	0.96	0.94	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	2.9	J	0.39	0.94	3.7	ug/Kg
208-96-8	Acenaphthylene	32		0.53	0.94	3.7	ug/Kg
83-32-9	Acenaphthene	3.7		0.44	0.94	3.7	ug/Kg
86-73-7	Fluorene	25		0.77	0.94	3.7	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.6	ug/Kg
85-01-8	Phenanthrene	200	E	0.58	0.94	3.7	ug/Kg
120-12-7	Anthracene	47		0.59	0.94	3.7	ug/Kg
206-44-0	Fluoranthene	430	E	0.77	0.94	3.7	ug/Kg
129-00-0	Pyrene	300	E	0.59	0.94	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	160	E	0.48	0.94	3.7	ug/Kg
218-01-9	Chrysene	140	E	0.48	0.94	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	200	E	0.24	0.94	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	74	E	0.44	0.94	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	150	E	0.41	0.94	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	63	E	0.98	0.94	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	19		1	0.94	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	72	E	1.1	0.94	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.958		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.444		30-130		111	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.316		20-140		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3588		7.318			
1146-65-2	Naphthalene-d8	9569		10.064			
15067-26-2	Acenaphthene-d10	6183		13.977			

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E29Y6	SDG No.:	BN112224
Lab Sample ID:	P4872-19	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.8
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
BN035258.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13704	16.743				
1719-03-5	Chrysene-d12	10475	20.988				
1520-96-3	Perylene-d12	7705	23.089				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29X6	SDG No.:	BN112224
Lab Sample ID:	P4872-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035259.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	8.2	ug/Kg
91-20-3	Naphthalene	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	0.42	U	0.42	1	4	ug/Kg
208-96-8	Acenaphthylene	2.7	J	0.58	1	4	ug/Kg
83-32-9	Acenaphthene	0.48	U	0.48	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	2.1	8.2	ug/Kg
85-01-8	Phenanthrene	6.9		0.62	1	4	ug/Kg
120-12-7	Anthracene	2	J	0.64	1	4	ug/Kg
206-44-0	Fluoranthene	23		0.83	1	4	ug/Kg
129-00-0	Pyrene	20		0.64	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	7.6		0.51	1	4	ug/Kg
218-01-9	Chrysene	8.6		0.51	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	13		0.26	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	4.7		0.48	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	10		0.44	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5.9		1.1	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.5	J	1.1	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	8.1		1.2	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.099		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.318		30-130		79	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.225		20-140		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3590		7.318			
1146-65-2	Naphthalene-d8	9598		10.064			
15067-26-2	Acenaphthene-d10	6040		13.977			

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29X6	SDG No.:	BN112224
Lab Sample ID:	P4872-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.3
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
BN035259.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13269	16.747				
1719-03-5	Chrysene-d12	9346	20.988				
1520-96-3	Perylene-d12	7360	23.089				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29X5	SDG No.:	BN112224
Lab Sample ID:	P4872-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	25.1
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
BN035260.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.5	U	1.5	0	8.9	ug/Kg
91-20-3	Naphthalene	0.49	U	0.49	1.1	4.4	ug/Kg
90-12-0	1-Methylnaphthalene	1.1	U	1.1	1.1	4.4	ug/Kg
91-57-6	2-Methylnaphthalene	0.45	U	0.45	1.1	4.4	ug/Kg
208-96-8	Acenaphthylene	2	J	0.63	1.1	4.4	ug/Kg
83-32-9	Acenaphthene	0.52	U	0.52	1.1	4.4	ug/Kg
86-73-7	Fluorene	0.93	J	0.9	1.1	4.4	ug/Kg
87-86-5	Pentachlorophenol	1.9	U	1.9	2.2	8.9	ug/Kg
85-01-8	Phenanthrene	11		0.68	1.1	4.4	ug/Kg
120-12-7	Anthracene	2.1	J	0.69	1.1	4.4	ug/Kg
206-44-0	Fluoranthene	27		0.9	1.1	4.4	ug/Kg
129-00-0	Pyrene	21		0.69	1.1	4.4	ug/Kg
56-55-3	Benzo(a)anthracene	7.9		0.56	1.1	4.4	ug/Kg
218-01-9	Chrysene	8.2		0.56	1.1	4.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	11		0.28	1.1	4.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	4.6		0.52	1.1	4.4	ug/Kg
50-32-8	Benzo(a)pyrene	8.9		0.48	1.1	4.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5.6		1.1	1.1	4.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.3	J	1.2	1.1	4.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	6.5		1.3	1.1	4.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.372		15-120		30	SPK: -8
93951-69-0	Fluoranthene-d10	0.256		30-130		64	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	4818		7.318			
1146-65-2	Naphthalene-d8	12555		10.07			
15067-26-2	Acenaphthene-d10	7701		13.977			

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29X5	SDG No.:	BN112224
Lab Sample ID:	P4872-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	25.1
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
BN035260.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16084	16.747				
1719-03-5	Chrysene-d12	9856	20.988				
1520-96-3	Perylene-d12	9286	23.089				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29X5MS	SDG No.:	BN112224
Lab Sample ID:	P4872-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	25.1
Sample Wt/Vol:	30.05 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
BN035261.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	36		1.5	0	8.9	ug/Kg
91-20-3	Naphthalene	11		0.49	1.1	4.4	ug/Kg
90-12-0	1-Methylnaphthalene	11		1.1	1.1	4.4	ug/Kg
91-57-6	2-Methylnaphthalene	11		0.45	1.1	4.4	ug/Kg
208-96-8	Acenaphthylene	13		0.63	1.1	4.4	ug/Kg
83-32-9	Acenaphthene	12		0.52	1.1	4.4	ug/Kg
86-73-7	Fluorene	12		0.91	1.1	4.4	ug/Kg
87-86-5	Pentachlorophenol	19		1.9	2.2	8.9	ug/Kg
85-01-8	Phenanthrene	16		0.68	1.1	4.4	ug/Kg
120-12-7	Anthracene	13		0.69	1.1	4.4	ug/Kg
206-44-0	Fluoranthene	30		0.91	1.1	4.4	ug/Kg
129-00-0	Pyrene	27		0.69	1.1	4.4	ug/Kg
56-55-3	Benzo(a)anthracene	18		0.56	1.1	4.4	ug/Kg
218-01-9	Chrysene	18		0.56	1.1	4.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	19		0.28	1.1	4.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	16		0.52	1.1	4.4	ug/Kg
50-32-8	Benzo(a)pyrene	17		0.48	1.1	4.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	15		1.1	1.1	4.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	13		1.2	1.1	4.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	16		1.3	1.1	4.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.296		15-120		37	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.342		30-130		86	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.234		20-140		58	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4409	7.318				
1146-65-2	Naphthalene-d8	11409	10.069				
15067-26-2	Acenaphthene-d10	7219	13.977				

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29X5MS	SDG No.:	BN112224
Lab Sample ID:	P4872-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	25.1
Sample Wt/Vol:	30.05 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
BN035261.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15229	16.747				
1719-03-5	Chrysene-d12	10345	20.988				
1520-96-3	Perylene-d12	9174	23.089				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29X5MSD	SDG No.:	BN112224
Lab Sample ID:	P4872-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	25.1
Sample Wt/Vol:	30.09 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
BN035262.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	37		1.5	0	8.9	ug/Kg
91-20-3	Naphthalene	11		0.49	1.1	4.4	ug/Kg
90-12-0	1-Methylnaphthalene	11		1.1	1.1	4.4	ug/Kg
91-57-6	2-Methylnaphthalene	11		0.45	1.1	4.4	ug/Kg
208-96-8	Acenaphthylene	14		0.63	1.1	4.4	ug/Kg
83-32-9	Acenaphthene	12		0.52	1.1	4.4	ug/Kg
86-73-7	Fluorene	11		0.91	1.1	4.4	ug/Kg
87-86-5	Pentachlorophenol	18		1.9	2.2	8.9	ug/Kg
85-01-8	Phenanthrene	16		0.68	1.1	4.4	ug/Kg
120-12-7	Anthracene	13		0.69	1.1	4.4	ug/Kg
206-44-0	Fluoranthene	24		0.91	1.1	4.4	ug/Kg
129-00-0	Pyrene	22		0.69	1.1	4.4	ug/Kg
56-55-3	Benzo(a)anthracene	18		0.56	1.1	4.4	ug/Kg
218-01-9	Chrysene	18		0.56	1.1	4.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	20		0.28	1.1	4.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	15		0.52	1.1	4.4	ug/Kg
50-32-8	Benzo(a)pyrene	18		0.48	1.1	4.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	15		1.1	1.1	4.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	14		1.2	1.1	4.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	16		1.3	1.1	4.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.311		15-120		39	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.271		30-130		68	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	4184		7.318			
1146-65-2	Naphthalene-d8	10190		10.069			
15067-26-2	Acenaphthene-d10	5656		13.977			

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29X5MSD	SDG No.:	BN112224
Lab Sample ID:	P4872-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	25.1
Sample Wt/Vol:	30.09 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
BN035262.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10803	16.747				
1719-03-5	Chrysene-d12	9532	20.988				
1520-96-3	Perylene-d12	10457	23.089				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29X3	SDG No.:	BN112224
Lab Sample ID:	P4872-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.1
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
BN035263.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	7.9	ug/Kg
91-20-3	Naphthalene	0.98	J	0.44	0.97	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	1	U	1	0.97	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	1.1	J	0.4	0.97	3.9	ug/Kg
208-96-8	Acenaphthylene	16		0.55	0.97	3.9	ug/Kg
83-32-9	Acenaphthene	1.4	J	0.46	0.97	3.9	ug/Kg
86-73-7	Fluorene	7		0.8	0.97	3.9	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	2	7.9	ug/Kg
85-01-8	Phenanthrene	120	E	0.6	0.97	3.9	ug/Kg
120-12-7	Anthracene	18		0.61	0.97	3.9	ug/Kg
206-44-0	Fluoranthene	170	E	0.8	0.97	3.9	ug/Kg
129-00-0	Pyrene	120	E	0.61	0.97	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	55		0.49	0.97	3.9	ug/Kg
218-01-9	Chrysene	56		0.49	0.97	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	72	E	0.25	0.97	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	27		0.46	0.97	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	54		0.42	0.97	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30		1	0.97	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	7.9		1	0.97	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36		1.2	0.97	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.214		15-120		28	SPK: -8
93951-69-0	Fluoranthene-d10	0.211		30-130		53	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.162		20-140		41	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4121		7.318			
1146-65-2	Naphthalene-d8	10472		10.069			
15067-26-2	Acenaphthene-d10	6107		13.976			

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29X3	SDG No.:	BN112224
Lab Sample ID:	P4872-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.1
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
BN035263.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11810	16.747				
1719-03-5	Chrysene-d12	8459	20.987				
1520-96-3	Perylene-d12	8596	23.088				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29X4	SDG No.:	BN112224
Lab Sample ID:	P4872-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13
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
BN035264.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

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	1	J	0.42	0.95	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	1.2	J	0.97	0.95	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	0.8	J	0.39	0.95	3.8	ug/Kg
208-96-8	Acenaphthylene	11		0.54	0.95	3.8	ug/Kg
83-32-9	Acenaphthene	2.3	J	0.45	0.95	3.8	ug/Kg
86-73-7	Fluorene	7.9		0.78	0.95	3.8	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.7	ug/Kg
85-01-8	Phenanthrene	73	E	0.58	0.95	3.8	ug/Kg
120-12-7	Anthracene	16		0.6	0.95	3.8	ug/Kg
206-44-0	Fluoranthene	150	E	0.78	0.95	3.8	ug/Kg
129-00-0	Pyrene	110	E	0.6	0.95	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	46		0.48	0.95	3.8	ug/Kg
218-01-9	Chrysene	46		0.48	0.95	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	65	E	0.24	0.95	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	24		0.45	0.95	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	52		0.41	0.95	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28		0.99	0.95	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	8.2		1	0.95	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33		1.1	0.95	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.169		15-120		27	SPK: -8
93951-69-0	Fluoranthene-d10	0.228		30-130		57	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.159		20-140		40	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4265		7.318			
1146-65-2	Naphthalene-d8	11131		10.064			
15067-26-2	Acenaphthene-d10	6698		13.981			

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29X4	SDG No.:	BN112224
Lab Sample ID:	P4872-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13
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
BN035264.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13771	16.747				
1719-03-5	Chrysene-d12	8828	20.988				
1520-96-3	Perylene-d12	8189	23.089				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SLCS115	SDG No.:	BN112224
Lab Sample ID:	PB165115BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 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
BN035265.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.36		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.35		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.35		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.41		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.38		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.36		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.77		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.38		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.37		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.43		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.42		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.39		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.4		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.4		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.4		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.39		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.41		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.39		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.4		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.519		15-120		65	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.434		30-130		108	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.347		30-130		87	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4100	7.318				
1146-65-2	Naphthalene-d8	10422	10.069				
15067-26-2	Acenaphthene-d10	5912	13.981				

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SLCS115	SDG No.:	BN112224
Lab Sample ID:	PB165115BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 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
BN035265.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11370	16.747				
1719-03-5	Chrysene-d12	7713	20.988				
1520-96-3	Perylene-d12	8574	23.089				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SBLK099	SDG No.:	BN112224
Lab Sample ID:	PB165099BL	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
BN035267.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

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	3.927		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.422		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.282		20-140		70	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3721		7.318			
1146-65-2	Naphthalene-d8	9735		10.064			
15067-26-2	Acenaphthene-d10	6003		13.977			

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SBLK099	SDG No.:	BN112224
Lab Sample ID:	PB165099BL	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
BN035267.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13104	16.743				
1719-03-5	Chrysene-d12	8315	20.985				
1520-96-3	Perylene-d12	6990	23.083				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SBLK115	SDG No.:	BN112224
Lab Sample ID:	PB165115BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 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
BN035268.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.244		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.448		30-130		112	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.305		30-130		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3245	7.318				
1146-65-2	Naphthalene-d8	8641	10.064				
15067-26-2	Acenaphthene-d10	5334	13.976				

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SBLK115	SDG No.:	BN112224
Lab Sample ID:	PB165115BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 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
BN035268.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11709	16.747				
1719-03-5	Chrysene-d12	7520	20.988				
1520-96-3	Perylene-d12	6204	23.083				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E29Y2	SDG No.:	BN112224
Lab Sample ID:	P4872-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035269.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.5	ug/Kg
91-20-3	Naphthalene	1.8	J	0.42	0.93	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	1.1	J	0.96	0.93	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	1.2	J	0.38	0.93	3.7	ug/Kg
208-96-8	Acenaphthylene	5.4		0.53	0.93	3.7	ug/Kg
83-32-9	Acenaphthene	0.97	J	0.44	0.93	3.7	ug/Kg
86-73-7	Fluorene	2.6	J	0.76	0.93	3.7	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.5	ug/Kg
85-01-8	Phenanthrene	21		0.57	0.93	3.7	ug/Kg
120-12-7	Anthracene	5.1		0.58	0.93	3.7	ug/Kg
206-44-0	Fluoranthene	45		0.76	0.93	3.7	ug/Kg
129-00-0	Pyrene	36		0.58	0.93	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	18		0.47	0.93	3.7	ug/Kg
218-01-9	Chrysene	19		0.47	0.93	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	26		0.24	0.93	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	9.3		0.44	0.93	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	19		0.4	0.93	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	8.7		0.97	0.93	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.6	J	1	0.93	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	11		1.1	0.93	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.28		15-120		28	SPK: -8
93951-69-0	Fluoranthene-d10	0.325		30-130		81	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.207		20-140		52	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3878		7.318			
1146-65-2	Naphthalene-d8	10251		10.064			
15067-26-2	Acenaphthene-d10	6667		13.977			

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E29Y2	SDG No.:	BN112224
Lab Sample ID:	P4872-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11
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
BN035269.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15324	16.743				
1719-03-5	Chrysene-d12	10606	20.985				
1520-96-3	Perylene-d12	8362	23.083				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29X7	SDG No.:	BN112224
Lab Sample ID:	P4872-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.1
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035270.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.2	ug/Kg
91-20-3	Naphthalene	0.4	U	0.4	0.89	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.91	U	0.91	0.89	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	0.37	U	0.37	0.89	3.6	ug/Kg
208-96-8	Acenaphthylene	1.1	J	0.51	0.89	3.6	ug/Kg
83-32-9	Acenaphthene	0.42	U	0.42	0.89	3.6	ug/Kg
86-73-7	Fluorene	0.86	J	0.73	0.89	3.6	ug/Kg
87-86-5	Pentachlorophenol	1.5	U	1.5	1.8	7.2	ug/Kg
85-01-8	Phenanthrene	4.6		0.55	0.89	3.6	ug/Kg
120-12-7	Anthracene	0.86	J	0.56	0.89	3.6	ug/Kg
206-44-0	Fluoranthene	6.5		0.73	0.89	3.6	ug/Kg
129-00-0	Pyrene	5.1		0.56	0.89	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	1.7	J	0.45	0.89	3.6	ug/Kg
218-01-9	Chrysene	2.1	J	0.45	0.89	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	2.5	J	0.23	0.89	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	1.1	J	0.42	0.89	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	1.8	J	0.39	0.89	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.2	J	0.93	0.89	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.96	U	0.96	0.89	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.8	J	1.1	0.89	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.035		15-120		25	SPK: -8
93951-69-0	Fluoranthene-d10	0.24		30-130		60	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	3873		7.318			
1146-65-2	Naphthalene-d8	10363		10.064			
15067-26-2	Acenaphthene-d10	6634		13.976			

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29X7	SDG No.:	BN112224
Lab Sample ID:	P4872-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.1
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
BN035270.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15364	16.742				
1719-03-5	Chrysene-d12	10990	20.985				
1520-96-3	Perylene-d12	8669	23.086				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29X8	SDG No.:	BN112224
Lab Sample ID:	P4872-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.7
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035271.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

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	0.44	U	0.44	0.99	4	ug/Kg
90-12-0	1-Methylnaphthalene	1	U	1	0.99	4	ug/Kg
91-57-6	2-Methylnaphthalene	0.41	U	0.41	0.99	4	ug/Kg
208-96-8	Acenaphthylene	6		0.56	0.99	4	ug/Kg
83-32-9	Acenaphthene	0.47	U	0.47	0.99	4	ug/Kg
86-73-7	Fluorene	0.82	U	0.82	0.99	4	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2	8	ug/Kg
85-01-8	Phenanthrene	7		0.61	0.99	4	ug/Kg
120-12-7	Anthracene	2.7	J	0.62	0.99	4	ug/Kg
206-44-0	Fluoranthene	46		0.82	0.99	4	ug/Kg
129-00-0	Pyrene	42		0.62	0.99	4	ug/Kg
56-55-3	Benzo(a)anthracene	17		0.5	0.99	4	ug/Kg
218-01-9	Chrysene	17		0.5	0.99	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	27		0.25	0.99	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	11		0.47	0.99	4	ug/Kg
50-32-8	Benzo(a)pyrene	21		0.43	0.99	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	9.7		1	0.99	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.5	J	1.1	0.99	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	13		1.2	0.99	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.426		15-120		30	SPK: -8
93951-69-0	Fluoranthene-d10	0.272		30-130		68	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.199		20-140		50	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3740		7.318			
1146-65-2	Naphthalene-d8	10283		10.064			
15067-26-2	Acenaphthene-d10	6478		13.977			

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29X8	SDG No.:	BN112224
Lab Sample ID:	P4872-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.7
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
BN035271.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14864	16.743				
1719-03-5	Chrysene-d12	11403	20.985				
1520-96-3	Perylene-d12	8837	23.083				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E29Y8	SDG No.:	BN112224
Lab Sample ID:	P4872-21	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.6
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
BN035272.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

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	0.44	U	0.44	0.99	4	ug/Kg
90-12-0	1-Methylnaphthalene	1	U	1	0.99	4	ug/Kg
91-57-6	2-Methylnaphthalene	0.41	U	0.41	0.99	4	ug/Kg
208-96-8	Acenaphthylene	3.9	J	0.56	0.99	4	ug/Kg
83-32-9	Acenaphthene	0.47	U	0.47	0.99	4	ug/Kg
86-73-7	Fluorene	1.9	J	0.82	0.99	4	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2	8	ug/Kg
85-01-8	Phenanthrene	19		0.61	0.99	4	ug/Kg
120-12-7	Anthracene	5.6		0.62	0.99	4	ug/Kg
206-44-0	Fluoranthene	42		0.82	0.99	4	ug/Kg
129-00-0	Pyrene	31		0.62	0.99	4	ug/Kg
56-55-3	Benzo(a)anthracene	13		0.5	0.99	4	ug/Kg
218-01-9	Chrysene	13		0.5	0.99	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	20		0.25	0.99	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	7.9		0.47	0.99	4	ug/Kg
50-32-8	Benzo(a)pyrene	14		0.43	0.99	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	6.8		1	0.99	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.8	J	1.1	0.99	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	8.9		1.2	0.99	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.713		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.456		30-130		114	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.329		20-140		82	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3186		7.318			
1146-65-2	Naphthalene-d8	8840		10.064			
15067-26-2	Acenaphthene-d10	5706		13.976			

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E29Y8	SDG No.:	BN112224
Lab Sample ID:	P4872-21	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.6
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
BN035272.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13003	16.743				
1719-03-5	Chrysene-d12	10167	20.985				
1520-96-3	Perylene-d12	7719	23.086				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E29Z0	SDG No.:	BN112224
Lab Sample ID:	P4872-23	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.6
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035273.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

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	0.89	J	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	19		0.57	1	4	ug/Kg
83-32-9	Acenaphthene	2.1	J	0.47	1	4	ug/Kg
86-73-7	Fluorene	6.8		0.83	1	4	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2	8.1	ug/Kg
85-01-8	Phenanthrene	63		0.62	1	4	ug/Kg
120-12-7	Anthracene	16		0.63	1	4	ug/Kg
206-44-0	Fluoranthene	110	E	0.83	1	4	ug/Kg
129-00-0	Pyrene	89	E	0.63	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	48		0.51	1	4	ug/Kg
218-01-9	Chrysene	44		0.51	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	66	E	0.25	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	24		0.47	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	52		0.44	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	23		1	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	6.6		1.1	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27		1.2	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.853		15-120		23	SPK: -8
93951-69-0	Fluoranthene-d10	0.197		30-130		49	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.157		20-140		39	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4001		7.318			
1146-65-2	Naphthalene-d8	11125		10.064			
15067-26-2	Acenaphthene-d10	6981		13.977			

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E29Z0	SDG No.:	BN112224
Lab Sample ID:	P4872-23	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.6
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
BN035273.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15762	16.743				
1719-03-5	Chrysene-d12	13559	20.985				
1520-96-3	Perylene-d12	10584	23.083				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E29Y5	SDG No.:	BN112224
Lab Sample ID:	P4872-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035274.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

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	0.44	U	0.44	0.98	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	1	U	1	0.98	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.4	U	0.4	0.98	3.9	ug/Kg
208-96-8	Acenaphthylene	5.7		0.56	0.98	3.9	ug/Kg
83-32-9	Acenaphthene	0.46	U	0.46	0.98	3.9	ug/Kg
86-73-7	Fluorene	2	J	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	18		0.61	0.98	3.9	ug/Kg
120-12-7	Anthracene	4.4		0.62	0.98	3.9	ug/Kg
206-44-0	Fluoranthene	34		0.81	0.98	3.9	ug/Kg
129-00-0	Pyrene	27		0.62	0.98	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	13		0.5	0.98	3.9	ug/Kg
218-01-9	Chrysene	13		0.5	0.98	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	21		0.25	0.98	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	7.1		0.46	0.98	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	15		0.43	0.98	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	6.7		1	0.98	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.8	J	1.1	0.98	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	8.4		1.2	0.98	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.482		15-120		31	SPK: -8
93951-69-0	Fluoranthene-d10	0.254		30-130		63	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.199		20-140		50	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3024		7.318			
1146-65-2	Naphthalene-d8	8480		10.064			
15067-26-2	Acenaphthene-d10	5426		13.977			

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E29Y5	SDG No.:	BN112224
Lab Sample ID:	P4872-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.1
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
BN035274.D	1	11/19/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12409	16.743				
1719-03-5	Chrysene-d12	10907	20.985				
1520-96-3	Perylene-d12	8523	23.083				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN112224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : E29X1								
P4872-01	E29X1	Solid	Total Alkanes	*	0.000	1.3	7.9	ug/Kg
			Total Tics :			0.00		
P4872-01	E29X1	Solid	1,4-Dioxane		3.000	J 1.3	7.9	ug/Kg
P4872-01	E29X1	Solid	2-Methylnaphthalene		0.830	J 0.4	3.9	ug/Kg
P4872-01	E29X1	Solid	Acenaphthene		1.000	J 0.46	3.9	ug/Kg
P4872-01	E29X1	Solid	Acenaphthylene		14.000	0.56	3.9	ug/Kg
P4872-01	E29X1	Solid	Anthracene		6.200	0.62	3.9	ug/Kg
P4872-01	E29X1	Solid	Benzo(a)anthracene		30.000	0.5	3.9	ug/Kg
P4872-01	E29X1	Solid	Benzo(a)pyrene		32.000	0.43	3.9	ug/Kg
P4872-01	E29X1	Solid	Benzo(b)fluoranthene		44.000	0.25	3.9	ug/Kg
P4872-01	E29X1	Solid	Benzo(g,h,i)perylene		16.000	1.2	3.9	ug/Kg
P4872-01	E29X1	Solid	Benzo(k)fluoranthene		17.000	0.46	3.9	ug/Kg
P4872-01	E29X1	Solid	Chrysene		27.000	0.5	3.9	ug/Kg
P4872-01	E29X1	Solid	Dibenzo(a,h)anthracene		4.400	1.1	3.9	ug/Kg
P4872-01	E29X1	Solid	Fluoranthene		48.000	0.81	3.9	ug/Kg
P4872-01	E29X1	Solid	Fluorene		2.000	J 0.81	3.9	ug/Kg
P4872-01	E29X1	Solid	Indeno(1,2,3-cd)pyrene		15.000	1	3.9	ug/Kg
P4872-01	E29X1	Solid	Naphthalene		0.830	J 0.44	3.9	ug/Kg
P4872-01	E29X1	Solid	Phenanthrene		11.000	0.61	3.9	ug/Kg
P4872-01	E29X1	Solid	Pyrene		40.000	0.62	3.9	ug/Kg
			Total Svoc :			312.26		
			Total Concentration:			312.26		
Client ID : E29X2								
P4872-02	E29X2	Solid	Total Alkanes	*	0.000	1.3	8	ug/Kg
			Total Tics :			0.00		
P4872-02	E29X2	Solid	Acenaphthylene		2.000	J 0.56	4	ug/Kg
P4872-02	E29X2	Solid	Anthracene		1.300	J 0.62	4	ug/Kg
P4872-02	E29X2	Solid	Benzo(a)anthracene		5.000	0.5	4	ug/Kg
P4872-02	E29X2	Solid	Benzo(a)pyrene		6.500	0.43	4	ug/Kg
P4872-02	E29X2	Solid	Benzo(b)fluoranthene		8.900	0.25	4	ug/Kg
P4872-02	E29X2	Solid	Benzo(g,h,i)perylene		4.400	1.2	4	ug/Kg
P4872-02	E29X2	Solid	Benzo(k)fluoranthene		3.200	J 0.47	4	ug/Kg
P4872-02	E29X2	Solid	Chrysene		5.800	0.5	4	ug/Kg
P4872-02	E29X2	Solid	Fluoranthene		15.000	0.81	4	ug/Kg
P4872-02	E29X2	Solid	Indeno(1,2,3-cd)pyrene		3.400	J 1	4	ug/Kg
P4872-02	E29X2	Solid	Phenanthrene		5.800	0.61	4	ug/Kg
P4872-02	E29X2	Solid	Pyrene		13.000	0.62	4	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN112224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :			74.30		
			Total Concentration:			74.30		
Client ID : E29X3								
P4872-03	E29X3	Solid	Total Alkanes	*	0.000	1.3	7.9	ug/Kg
			Total Tics :			0.00		
P4872-03	E29X3	Solid	2-Methylnaphthalene		1.100	J 0.4	3.9	ug/Kg
P4872-03	E29X3	Solid	Acenaphthene		1.400	J 0.46	3.9	ug/Kg
P4872-03	E29X3	Solid	Acenaphthylene		16.000	0.55	3.9	ug/Kg
P4872-03	E29X3	Solid	Anthracene		18.000	0.61	3.9	ug/Kg
P4872-03	E29X3	Solid	Benzo(a)anthracene		55.000	0.49	3.9	ug/Kg
P4872-03	E29X3	Solid	Benzo(a)pyrene		54.000	0.42	3.9	ug/Kg
P4872-03	E29X3	Solid	Benzo(b)fluoranthene		72.000	E 0.25	3.9	ug/Kg
P4872-03	E29X3	Solid	Benzo(g,h,i)perylene		36.000	1.2	3.9	ug/Kg
P4872-03	E29X3	Solid	Benzo(k)fluoranthene		27.000	0.46	3.9	ug/Kg
P4872-03	E29X3	Solid	Chrysene		56.000	0.49	3.9	ug/Kg
P4872-03	E29X3	Solid	Dibenzo(a,h)anthracene		7.900	1	3.9	ug/Kg
P4872-03	E29X3	Solid	Fluoranthene		170.000	E 0.8	3.9	ug/Kg
P4872-03	E29X3	Solid	Fluorene		7.000	0.8	3.9	ug/Kg
P4872-03	E29X3	Solid	Indeno(1,2,3-cd)pyrene		30.000	1	3.9	ug/Kg
P4872-03	E29X3	Solid	Naphthalene		0.980	J 0.44	3.9	ug/Kg
P4872-03	E29X3	Solid	Phenanthrene		120.000	E 0.6	3.9	ug/Kg
P4872-03	E29X3	Solid	Pyrene		120.000	E 0.61	3.9	ug/Kg
			Total Svoc :			792.38		
			Total Concentration:			792.38		
Client ID : E29X4								
P4872-04	E29X4	Solid	Total Alkanes	*	0.000	1.3	7.7	ug/Kg
			Total Tics :			0.00		
P4872-04	E29X4	Solid	1-Methylnaphthalene		1.200	J 0.97	3.8	ug/Kg
P4872-04	E29X4	Solid	2-Methylnaphthalene		0.800	J 0.39	3.8	ug/Kg
P4872-04	E29X4	Solid	Acenaphthene		2.300	J 0.45	3.8	ug/Kg
P4872-04	E29X4	Solid	Acenaphthylene		11.000	0.54	3.8	ug/Kg
P4872-04	E29X4	Solid	Anthracene		16.000	0.6	3.8	ug/Kg
P4872-04	E29X4	Solid	Benzo(a)anthracene		46.000	0.48	3.8	ug/Kg
P4872-04	E29X4	Solid	Benzo(a)pyrene		52.000	0.41	3.8	ug/Kg
P4872-04	E29X4	Solid	Benzo(b)fluoranthene		65.000	E 0.24	3.8	ug/Kg
P4872-04	E29X4	Solid	Benzo(g,h,i)perylene		33.000	1.1	3.8	ug/Kg
P4872-04	E29X4	Solid	Benzo(k)fluoranthene		24.000	0.45	3.8	ug/Kg
P4872-04	E29X4	Solid	Chrysene		46.000	0.48	3.8	ug/Kg
P4872-04	E29X4	Solid	Dibenzo(a,h)anthracene		8.200	1	3.8	ug/Kg
P4872-04	E29X4	Solid	Fluoranthene		150.000	E 0.78	3.8	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN112224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4872-04	E29X4	Solid	Fluorene	7.900		0.78	3.8	ug/Kg
P4872-04	E29X4	Solid	Indeno(1,2,3-cd)pyrene	28.000		0.99	3.8	ug/Kg
P4872-04	E29X4	Solid	Naphthalene	1.000	J	0.42	3.8	ug/Kg
P4872-04	E29X4	Solid	Phenanthrene	73.000	E	0.58	3.8	ug/Kg
P4872-04	E29X4	Solid	Pyrene	110.000	E	0.6	3.8	ug/Kg
Total Svoc :				675.40				
Total Concentration:				675.40				
Client ID : E29X5								
P4872-05	E29X5	Solid	Total Alkanes	*	0.000	1.5	8.9	ug/Kg
Total Tics :				0.00				
P4872-05	E29X5	Solid	Acenaphthylene	2.000	J	0.63	4.4	ug/Kg
P4872-05	E29X5	Solid	Anthracene	2.100	J	0.69	4.4	ug/Kg
P4872-05	E29X5	Solid	Benzo(a)anthracene	7.900		0.56	4.4	ug/Kg
P4872-05	E29X5	Solid	Benzo(a)pyrene	8.900		0.48	4.4	ug/Kg
P4872-05	E29X5	Solid	Benzo(b)fluoranthene	11.000		0.28	4.4	ug/Kg
P4872-05	E29X5	Solid	Benzo(g,h,i)perylene	6.500		1.3	4.4	ug/Kg
P4872-05	E29X5	Solid	Benzo(k)fluoranthene	4.600		0.52	4.4	ug/Kg
P4872-05	E29X5	Solid	Chrysene	8.200		0.56	4.4	ug/Kg
P4872-05	E29X5	Solid	Dibenzo(a,h)anthracene	1.300	J	1.2	4.4	ug/Kg
P4872-05	E29X5	Solid	Fluoranthene	27.000		0.9	4.4	ug/Kg
P4872-05	E29X5	Solid	Fluorene	0.930	J	0.9	4.4	ug/Kg
P4872-05	E29X5	Solid	Indeno(1,2,3-cd)pyrene	5.600		1.1	4.4	ug/Kg
P4872-05	E29X5	Solid	Phenanthrene	11.000		0.68	4.4	ug/Kg
P4872-05	E29X5	Solid	Pyrene	21.000		0.69	4.4	ug/Kg
Total Svoc :				118.03				
Total Concentration:				118.03				
Client ID : E29X6								
P4872-08	E29X6	Solid	Total Alkanes	*	0.000	1.3	8.2	ug/Kg
Total Tics :				0.00				
P4872-08	E29X6	Solid	Acenaphthylene	2.700	J	0.58	4	ug/Kg
P4872-08	E29X6	Solid	Anthracene	2.000	J	0.64	4	ug/Kg
P4872-08	E29X6	Solid	Benzo(a)anthracene	7.600		0.51	4	ug/Kg
P4872-08	E29X6	Solid	Benzo(a)pyrene	10.000		0.44	4	ug/Kg
P4872-08	E29X6	Solid	Benzo(b)fluoranthene	13.000		0.26	4	ug/Kg
P4872-08	E29X6	Solid	Benzo(g,h,i)perylene	8.100		1.2	4	ug/Kg
P4872-08	E29X6	Solid	Benzo(k)fluoranthene	4.700		0.48	4	ug/Kg
P4872-08	E29X6	Solid	Chrysene	8.600		0.51	4	ug/Kg
P4872-08	E29X6	Solid	Dibenzo(a,h)anthracene	1.500	J	1.1	4	ug/Kg
P4872-08	E29X6	Solid	Fluoranthene	23.000		0.83	4	ug/Kg
P4872-08	E29X6	Solid	Indeno(1,2,3-cd)pyrene	5.900		1.1	4	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN112224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4872-08	E29X6	Solid	Phenanthrene	6.900		0.62	4	ug/Kg
P4872-08	E29X6	Solid	Pyrene	20.000		0.64	4	ug/Kg
Total Svoc :				114.00				
Total Concentration:				114.00				
Client ID : E29X7								
P4872-09	E29X7	Solid	Total Alkanes	*	0.000	1.2	7.2	ug/Kg
Total Tics :				0.00				
P4872-09	E29X7	Solid	Acenaphthylene	1.100	J	0.51	3.6	ug/Kg
P4872-09	E29X7	Solid	Anthracene	0.860	J	0.56	3.6	ug/Kg
P4872-09	E29X7	Solid	Benzo(a)anthracene	1.700	J	0.45	3.6	ug/Kg
P4872-09	E29X7	Solid	Benzo(a)pyrene	1.800	J	0.39	3.6	ug/Kg
P4872-09	E29X7	Solid	Benzo(b)fluoranthene	2.500	J	0.23	3.6	ug/Kg
P4872-09	E29X7	Solid	Benzo(g,h,i)perylene	1.800	J	1.1	3.6	ug/Kg
P4872-09	E29X7	Solid	Benzo(k)fluoranthene	1.100	J	0.42	3.6	ug/Kg
P4872-09	E29X7	Solid	Chrysene	2.100	J	0.45	3.6	ug/Kg
P4872-09	E29X7	Solid	Fluoranthene	6.500		0.73	3.6	ug/Kg
P4872-09	E29X7	Solid	Fluorene	0.860	J	0.73	3.6	ug/Kg
P4872-09	E29X7	Solid	Indeno(1,2,3-cd)pyrene	1.200	J	0.93	3.6	ug/Kg
P4872-09	E29X7	Solid	Phenanthrene	4.600		0.55	3.6	ug/Kg
P4872-09	E29X7	Solid	Pyrene	5.100		0.56	3.6	ug/Kg
Total Svoc :				31.22				
Total Concentration:				31.22				
Client ID : E29X8								
P4872-10	E29X8	Solid	Total Alkanes	*	0.000	1.3	8	ug/Kg
Total Tics :				0.00				
P4872-10	E29X8	Solid	Acenaphthylene	6.000		0.56	4	ug/Kg
P4872-10	E29X8	Solid	Anthracene	2.700	J	0.62	4	ug/Kg
P4872-10	E29X8	Solid	Benzo(a)anthracene	17.000		0.5	4	ug/Kg
P4872-10	E29X8	Solid	Benzo(a)pyrene	21.000		0.43	4	ug/Kg
P4872-10	E29X8	Solid	Benzo(b)fluoranthene	27.000		0.25	4	ug/Kg
P4872-10	E29X8	Solid	Benzo(g,h,i)perylene	13.000		1.2	4	ug/Kg
P4872-10	E29X8	Solid	Benzo(k)fluoranthene	11.000		0.47	4	ug/Kg
P4872-10	E29X8	Solid	Chrysene	17.000		0.5	4	ug/Kg
P4872-10	E29X8	Solid	Dibenzo(a,h)anthracene	2.500	J	1.1	4	ug/Kg
P4872-10	E29X8	Solid	Fluoranthene	46.000		0.82	4	ug/Kg
P4872-10	E29X8	Solid	Indeno(1,2,3-cd)pyrene	9.700		1	4	ug/Kg
P4872-10	E29X8	Solid	Phenanthrene	7.000		0.61	4	ug/Kg
P4872-10	E29X8	Solid	Pyrene	42.000		0.62	4	ug/Kg
Total Svoc :				221.90				

Hit Summary Sheet SW-846

SDG No.: BN112224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				221.90				
Client ID :	E29X9							
P4872-11	E29X9	Solid	Total Alkanes	*	0.000	2.2	13	ug/Kg
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID :	E29Y0							
P4872-12	E29Y0	Solid	Total Alkanes	*	0.000	1.2	7.4	ug/Kg
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID :	E29Y1							
P4872-14	E29Y1	Solid	Total Alkanes	*	0.000	1.4	8.8	ug/Kg
Total Tics :				0.00				
P4872-14	E29Y1	Solid	Acenaphthylene		4.000	J 0.62	4.3	ug/Kg
P4872-14	E29Y1	Solid	Anthracene		1.800	J 0.68	4.3	ug/Kg
P4872-14	E29Y1	Solid	Benzo(a)anthracene		7.000	0.55	4.3	ug/Kg
P4872-14	E29Y1	Solid	Benzo(a)pyrene		9.500	0.47	4.3	ug/Kg
P4872-14	E29Y1	Solid	Benzo(b)fluoranthene		11.000	0.28	4.3	ug/Kg
P4872-14	E29Y1	Solid	Benzo(g,h,i)perylene		5.800	1.3	4.3	ug/Kg
P4872-14	E29Y1	Solid	Benzo(k)fluoranthene		4.700	0.51	4.3	ug/Kg
P4872-14	E29Y1	Solid	Chrysene		7.000	0.55	4.3	ug/Kg
P4872-14	E29Y1	Solid	Dibenzo(a,h)anthracene		1.400	J 1.2	4.3	ug/Kg
P4872-14	E29Y1	Solid	Fluoranthene		17.000	0.89	4.3	ug/Kg
P4872-14	E29Y1	Solid	Indeno(1,2,3-cd)pyrene		4.600	1.1	4.3	ug/Kg
P4872-14	E29Y1	Solid	Phenanthrene		4.300	0.67	4.3	ug/Kg
P4872-14	E29Y1	Solid	Pyrene		13.000	0.68	4.3	ug/Kg
Total Svoc :				91.10				
Total Concentration:				91.10				
Client ID :	E29Y2							
P4872-15	E29Y2	Solid	Total Alkanes	*	0.000	1.2	7.5	ug/Kg
Total Tics :				0.00				
P4872-15	E29Y2	Solid	1-Methylnaphthalene		1.100	J 0.96	3.7	ug/Kg
P4872-15	E29Y2	Solid	2-Methylnaphthalene		1.200	J 0.38	3.7	ug/Kg
P4872-15	E29Y2	Solid	Acenaphthene		0.970	J 0.44	3.7	ug/Kg
P4872-15	E29Y2	Solid	Acenaphthylene		5.400	0.53	3.7	ug/Kg
P4872-15	E29Y2	Solid	Anthracene		5.100	0.58	3.7	ug/Kg
P4872-15	E29Y2	Solid	Benzo(a)anthracene		18.000	0.47	3.7	ug/Kg
P4872-15	E29Y2	Solid	Benzo(a)pyrene		19.000	0.4	3.7	ug/Kg
P4872-15	E29Y2	Solid	Benzo(b)fluoranthene		26.000	0.24	3.7	ug/Kg
P4872-15	E29Y2	Solid	Benzo(g,h,i)perylene		11.000	1.1	3.7	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN112224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4872-15	E29Y2	Solid	Benzo(k)fluoranthene	9.300		0.44	3.7	ug/Kg
P4872-15	E29Y2	Solid	Chrysene	19.000		0.47	3.7	ug/Kg
P4872-15	E29Y2	Solid	Dibenzo(a,h)anthracene	2.600	J	1	3.7	ug/Kg
P4872-15	E29Y2	Solid	Fluoranthene	45.000		0.76	3.7	ug/Kg
P4872-15	E29Y2	Solid	Fluorene	2.600	J	0.76	3.7	ug/Kg
P4872-15	E29Y2	Solid	Indeno(1,2,3-cd)pyrene	8.700		0.97	3.7	ug/Kg
P4872-15	E29Y2	Solid	Naphthalene	1.800	J	0.42	3.7	ug/Kg
P4872-15	E29Y2	Solid	Phenanthrene	21.000		0.57	3.7	ug/Kg
P4872-15	E29Y2	Solid	Pyrene	36.000		0.58	3.7	ug/Kg
Total Svoc :				233.77				
Total Concentration:				233.77				
Client ID :	E29Y3							
P4872-16	E29Y3	Solid	Total Alkanes	*	0.000	1.2	7.5	ug/Kg
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID :	E29Y4							
P4872-17	E29Y4	Solid	Total Alkanes	*	0.000	1.3	8	ug/Kg
Total Tics :				0.00				
P4872-17	E29Y4	Solid	Acenaphthylene	5.700		0.56	3.9	ug/Kg
P4872-17	E29Y4	Solid	Anthracene	5.100		0.62	3.9	ug/Kg
P4872-17	E29Y4	Solid	Benzo(a)anthracene	22.000		0.5	3.9	ug/Kg
P4872-17	E29Y4	Solid	Benzo(a)pyrene	27.000		0.43	3.9	ug/Kg
P4872-17	E29Y4	Solid	Benzo(b)fluoranthene	34.000		0.25	3.9	ug/Kg
P4872-17	E29Y4	Solid	Benzo(g,h,i)perylene	17.000		1.2	3.9	ug/Kg
P4872-17	E29Y4	Solid	Benzo(k)fluoranthene	12.000		0.47	3.9	ug/Kg
P4872-17	E29Y4	Solid	Chrysene	23.000		0.5	3.9	ug/Kg
P4872-17	E29Y4	Solid	Dibenzo(a,h)anthracene	3.500	J	1.1	3.9	ug/Kg
P4872-17	E29Y4	Solid	Fluoranthene	53.000		0.81	3.9	ug/Kg
P4872-17	E29Y4	Solid	Fluorene	2.400	J	0.81	3.9	ug/Kg
P4872-17	E29Y4	Solid	Indeno(1,2,3-cd)pyrene	13.000		1	3.9	ug/Kg
P4872-17	E29Y4	Solid	Naphthalene	0.960	J	0.44	3.9	ug/Kg
P4872-17	E29Y4	Solid	Phenanthrene	16.000		0.61	3.9	ug/Kg
P4872-17	E29Y4	Solid	Pyrene	44.000		0.62	3.9	ug/Kg
Total Svoc :				278.66				
Total Concentration:				278.66				
Client ID :	E29Y5							
P4872-18	E29Y5	Solid	Total Alkanes	*	0.000	1.3	8	ug/Kg
Total Tics :				0.00				
P4872-18	E29Y5	Solid	Acenaphthylene	5.700		0.56	3.9	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN112224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4872-18	E29Y5	Solid	Anthracene	4.400		0.62	3.9	ug/Kg
P4872-18	E29Y5	Solid	Benzo(a)anthracene	13.000		0.5	3.9	ug/Kg
P4872-18	E29Y5	Solid	Benzo(a)pyrene	15.000		0.43	3.9	ug/Kg
P4872-18	E29Y5	Solid	Benzo(b)fluoranthene	21.000		0.25	3.9	ug/Kg
P4872-18	E29Y5	Solid	Benzo(g,h,i)perylene	8.400		1.2	3.9	ug/Kg
P4872-18	E29Y5	Solid	Benzo(k)fluoranthene	7.100		0.46	3.9	ug/Kg
P4872-18	E29Y5	Solid	Chrysene	13.000		0.5	3.9	ug/Kg
P4872-18	E29Y5	Solid	Dibenzo(a,h)anthracene	1.800	J	1.1	3.9	ug/Kg
P4872-18	E29Y5	Solid	Fluoranthene	34.000		0.81	3.9	ug/Kg
P4872-18	E29Y5	Solid	Fluorene	2.000	J	0.81	3.9	ug/Kg
P4872-18	E29Y5	Solid	Indeno(1,2,3-cd)pyrene	6.700		1	3.9	ug/Kg
P4872-18	E29Y5	Solid	Phenanthrene	18.000		0.61	3.9	ug/Kg
P4872-18	E29Y5	Solid	Pyrene	27.000		0.62	3.9	ug/Kg

Total Svoc : 177.10

Total Concentration: 177.10

Client ID : E29Y6

P4872-19	E29Y6	Solid	Total Alkanes	*	0.000	1.2	7.6	ug/Kg
Total Tics :					0.00			
P4872-19	E29Y6	Solid	1-Methylnaphthalene	J	3.300	0.96	3.7	ug/Kg
P4872-19	E29Y6	Solid	2-Methylnaphthalene	J	2.900	0.39	3.7	ug/Kg
P4872-19	E29Y6	Solid	Acenaphthene		3.700	0.44	3.7	ug/Kg
P4872-19	E29Y6	Solid	Acenaphthylene		32.000	0.53	3.7	ug/Kg
P4872-19	E29Y6	Solid	Anthracene		47.000	0.59	3.7	ug/Kg
P4872-19	E29Y6	Solid	Benzo(a)anthracene	E	160.000	0.48	3.7	ug/Kg
P4872-19	E29Y6	Solid	Benzo(a)pyrene	E	150.000	0.41	3.7	ug/Kg
P4872-19	E29Y6	Solid	Benzo(b)fluoranthene	E	200.000	0.24	3.7	ug/Kg
P4872-19	E29Y6	Solid	Benzo(g,h,i)perylene	E	72.000	1.1	3.7	ug/Kg
P4872-19	E29Y6	Solid	Benzo(k)fluoranthene	E	74.000	0.44	3.7	ug/Kg
P4872-19	E29Y6	Solid	Chrysene	E	140.000	0.48	3.7	ug/Kg
P4872-19	E29Y6	Solid	Dibenzo(a,h)anthracene		19.000	1	3.7	ug/Kg
P4872-19	E29Y6	Solid	Fluoranthene	E	430.000	0.77	3.7	ug/Kg
P4872-19	E29Y6	Solid	Fluorene		25.000	0.77	3.7	ug/Kg
P4872-19	E29Y6	Solid	Indeno(1,2,3-cd)pyrene	E	63.000	0.98	3.7	ug/Kg
P4872-19	E29Y6	Solid	Naphthalene	J	3.300	0.42	3.7	ug/Kg
P4872-19	E29Y6	Solid	Phenanthrene	E	200.000	0.58	3.7	ug/Kg
P4872-19	E29Y6	Solid	Pyrene	E	300.000	0.59	3.7	ug/Kg

Total Svoc : 1,925.20

Total Concentration: 1,925.20

Client ID : E29Y7

Hit Summary Sheet SW-846

SDG No.: BN112224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4872-20	E29Y7	Solid	Total Alkanes	*	0.000	1.4	8.6	ug/Kg
Total Tics :				0.00				
P4872-20	E29Y7	Solid	Acenaphthylene		3.800	J 0.6	4.2	ug/Kg
P4872-20	E29Y7	Solid	Anthracene		3.800	J 0.67	4.2	ug/Kg
P4872-20	E29Y7	Solid	Benzo(a)anthracene		14.000	0.54	4.2	ug/Kg
P4872-20	E29Y7	Solid	Benzo(a)pyrene		15.000	0.46	4.2	ug/Kg
P4872-20	E29Y7	Solid	Benzo(b)fluoranthene		19.000	0.27	4.2	ug/Kg
P4872-20	E29Y7	Solid	Benzo(g,h,i)perylene		8.700	1.3	4.2	ug/Kg
P4872-20	E29Y7	Solid	Benzo(k)fluoranthene		6.400	0.5	4.2	ug/Kg
P4872-20	E29Y7	Solid	Chrysene		13.000	0.54	4.2	ug/Kg
P4872-20	E29Y7	Solid	Dibenzo(a,h)anthracene		2.000	J 1.1	4.2	ug/Kg
P4872-20	E29Y7	Solid	Fluoranthene		41.000	0.87	4.2	ug/Kg
P4872-20	E29Y7	Solid	Fluorene		1.100	J 0.87	4.2	ug/Kg
P4872-20	E29Y7	Solid	Indeno(1,2,3-cd)pyrene		7.200	1.1	4.2	ug/Kg
P4872-20	E29Y7	Solid	Phenanthrene		12.000	0.65	4.2	ug/Kg
P4872-20	E29Y7	Solid	Pyrene		32.000	0.67	4.2	ug/Kg
Total Svoc :				179.00				
Total Concentration:				179.00				
Client ID : E29Y8								
P4872-21	E29Y8	Solid	Total Alkanes	*	0.000	1.3	8	ug/Kg
Total Tics :				0.00				
P4872-21	E29Y8	Solid	Acenaphthylene		3.900	J 0.56	4	ug/Kg
P4872-21	E29Y8	Solid	Anthracene		5.600	0.62	4	ug/Kg
P4872-21	E29Y8	Solid	Benzo(a)anthracene		13.000	0.5	4	ug/Kg
P4872-21	E29Y8	Solid	Benzo(a)pyrene		14.000	0.43	4	ug/Kg
P4872-21	E29Y8	Solid	Benzo(b)fluoranthene		20.000	0.25	4	ug/Kg
P4872-21	E29Y8	Solid	Benzo(g,h,i)perylene		8.900	1.2	4	ug/Kg
P4872-21	E29Y8	Solid	Benzo(k)fluoranthene		7.900	0.47	4	ug/Kg
P4872-21	E29Y8	Solid	Chrysene		13.000	0.5	4	ug/Kg
P4872-21	E29Y8	Solid	Dibenzo(a,h)anthracene		1.800	J 1.1	4	ug/Kg
P4872-21	E29Y8	Solid	Fluoranthene		42.000	0.82	4	ug/Kg
P4872-21	E29Y8	Solid	Fluorene		1.900	J 0.82	4	ug/Kg
P4872-21	E29Y8	Solid	Indeno(1,2,3-cd)pyrene		6.800	1	4	ug/Kg
P4872-21	E29Y8	Solid	Phenanthrene		19.000	0.61	4	ug/Kg
P4872-21	E29Y8	Solid	Pyrene		31.000	0.62	4	ug/Kg
Total Svoc :				188.80				
Total Concentration:				188.80				
Client ID : E29Y9								
P4872-22	E29Y9	Solid	Total Alkanes	*	0.000	1.3	8	ug/Kg
Total Tics :				0.00				

Hit Summary Sheet SW-846

SDG No.: BN112224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4872-22	E29Y9	Solid	Acenaphthylene	3.100	J	0.56	3.9	ug/Kg
P4872-22	E29Y9	Solid	Anthracene	2.200	J	0.62	3.9	ug/Kg
P4872-22	E29Y9	Solid	Benzo(a)anthracene	7.900		0.5	3.9	ug/Kg
P4872-22	E29Y9	Solid	Benzo(a)pyrene	12.000		0.43	3.9	ug/Kg
P4872-22	E29Y9	Solid	Benzo(b)fluoranthene	15.000		0.25	3.9	ug/Kg
P4872-22	E29Y9	Solid	Benzo(g,h,i)perylene	7.900		1.2	3.9	ug/Kg
P4872-22	E29Y9	Solid	Benzo(k)fluoranthene	5.300		0.47	3.9	ug/Kg
P4872-22	E29Y9	Solid	Chrysene	8.200		0.5	3.9	ug/Kg
P4872-22	E29Y9	Solid	Dibenzo(a,h)anthracene	2.000	J	1.1	3.9	ug/Kg
P4872-22	E29Y9	Solid	Fluoranthene	18.000		0.81	3.9	ug/Kg
P4872-22	E29Y9	Solid	Fluorene	0.960	J	0.81	3.9	ug/Kg
P4872-22	E29Y9	Solid	Indeno(1,2,3-cd)pyrene	6.100		1	3.9	ug/Kg
P4872-22	E29Y9	Solid	Phenanthrene	7.500		0.61	3.9	ug/Kg
P4872-22	E29Y9	Solid	Pyrene	15.000		0.62	3.9	ug/Kg

Total Svoc :

111.16

Total Concentration:

111.16

Client ID : E29Z0

P4872-23	E29Z0	Solid	Total Alkanes	*	0.000	1.3	8.1	ug/Kg	
			Total Tics :		0.00				
P4872-23	E29Z0	Solid	Acenaphthene		2.100	J	0.47	4	ug/Kg
P4872-23	E29Z0	Solid	Acenaphthylene		19.000		0.57	4	ug/Kg
P4872-23	E29Z0	Solid	Anthracene		16.000		0.63	4	ug/Kg
P4872-23	E29Z0	Solid	Benzo(a)anthracene		48.000		0.51	4	ug/Kg
P4872-23	E29Z0	Solid	Benzo(a)pyrene		52.000		0.44	4	ug/Kg
P4872-23	E29Z0	Solid	Benzo(b)fluoranthene		66.000	E	0.25	4	ug/Kg
P4872-23	E29Z0	Solid	Benzo(g,h,i)perylene		27.000		1.2	4	ug/Kg
P4872-23	E29Z0	Solid	Benzo(k)fluoranthene		24.000		0.47	4	ug/Kg
P4872-23	E29Z0	Solid	Chrysene		44.000		0.51	4	ug/Kg
P4872-23	E29Z0	Solid	Dibenzo(a,h)anthracene		6.600		1.1	4	ug/Kg
P4872-23	E29Z0	Solid	Fluoranthene		110.000	E	0.83	4	ug/Kg
P4872-23	E29Z0	Solid	Fluorene		6.800		0.83	4	ug/Kg
P4872-23	E29Z0	Solid	Indeno(1,2,3-cd)pyrene		23.000		1	4	ug/Kg
P4872-23	E29Z0	Solid	Naphthalene		0.890	J	0.45	4	ug/Kg
P4872-23	E29Z0	Solid	Phenanthrene		63.000		0.62	4	ug/Kg
P4872-23	E29Z0	Solid	Pyrene		89.000	E	0.63	4	ug/Kg

Total Svoc :

597.39

Total Concentration:

597.39

Client ID : E2A20

P4875-21	E2A20	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
Total Tics :					0.00			

Hit Summary Sheet SW-846

SDG No.: BN112224

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:			0.00		
Client ID :	E2A24							
P4875-22	E2A24	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P4875-22	E2A24	Water	Naphthalene		0.020	J 0.011	0.1	ug/L
			Total Svoc :			0.02		
			Total Concentration:			0.02		
Client ID :	E1PH7							
P4965-01	E1PH7	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E1PH8							
P4965-02	E1PH8	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN111624 SAS No.: BN111624 SDG No.: BN111624
Instrument ID: _____ Calibration Date(s): 11/16/2024
Calibration Time(s): 12:26

LAB FILE ID:		RRFAL1 = BN035134.D			RRFAL2 = BN035135.D		RRFAL3 = BN035136.D	
		RRFAL4 = BN035137.D			RRFAL5 = BN035138.D		RRFAL6 = BN035139.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.425	0.424	0.381	0.380	0.374	0.397	6.4
1,4-Dioxane-d8		0.385	0.398	0.347	0.350	0.347	0.366	6.6
Naphthalene	1.030	1.015	1.057	0.976	0.961		1.008	3.9
1-Methylnaphthalene	0.723	0.695	0.740	0.684	0.685		0.705	3.5
2-Methylnaphthalene	0.705	0.695	0.737	0.680	0.677		0.699	3.5
Acenaphthylene	1.595	1.597	1.638	1.568	1.536		1.587	2.4
Acenaphthene	1.241	1.225	1.246	1.197	1.161		1.214	2.9
Fluorene	1.444	1.422	1.476	1.410	1.373		1.425	2.7
Pentachlorophenol		0.079	0.087	0.088	0.099	0.113	0.093	14.2
Phenanthrene	1.071	1.063	1.088	1.043	1.023		1.057	2.4
Anthracene	0.998	0.971	1.004	0.969	0.966		0.981	1.8
Fluoranthene	1.393	1.361	1.470	1.388	1.353		1.393	3.3
Pyrene	1.466	1.429	1.530	1.433	1.388		1.449	3.7
Benzo(a)anthracene	1.404	1.387	1.441	1.367	1.342		1.388	2.7
Chrysene	1.420	1.402	1.456	1.377	1.330		1.397	3.4
Benzo(b)fluoranthene	1.355	1.307	1.371	1.289	1.290		1.322	2.9
Benzo(k)fluoranthene	1.336	1.401	1.421	1.345	1.313		1.363	3.3
Benzo(a)pyrene	1.242	1.203	1.244	1.182	1.170		1.208	2.8
Indeno(1,2,3-cd)pyrene	1.631	1.626	1.714	1.609	1.579		1.632	3.1
Dibenzo(a,h)anthracene	1.270	1.273	1.348	1.264	1.241		1.279	3.2
Benzo(g,h,i)perylene	1.286	1.305	1.348	1.261	1.233		1.287	3.4
Fluoranthene-d10	1.120	1.083	1.165	1.089	1.060		1.104	3.7
2-Methylnaphthalene-d10	0.600	0.583	0.614	0.569	0.565		0.586	3.5

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.: BN112224 SAS No.: BN112224 SDG NO.: BN112224

EPA Sample No.: SSTD0.4225

Date Analyzed: Nov 22 2024 12:00AM

Lab File ID: BN035136.D

Time Analyzed: 12:35

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	2538	7.55	5912	10.31	3911	14.19
	UPPER LIMIT	5076	8.05	11824	10.812	7822	14.689
	LOWER LIMIT	1269	7.05	2956	9.812	1955.5	13.689
	EPA SAMPLE NO.						
01	SBLK099	4399	7.32	11408	10.07	7512	13.98
02	E29X1	4201	7.32	11068	10.07	7178	13.98
03	E29X2	3340	7.32	8860	10.07	5573	13.98
04	E2A20	3089	7.32	8139	10.07	5307	13.98
05	E29Y9	3122	7.32	8322	10.07	5275	13.98
06	E29Y7	3418	7.32	8963	10.07	5828	13.98
07	E29Y1	3534	7.32	9264	10.07	5813	13.98
08	E2A24	3192	7.32	8398	10.07	5462	13.98
09	SBLK200	3561	7.32	9357	10.07	5903	13.98
10	E1PH7	3402	7.32	8401	10.07	4769	13.98
11	E1PH8	3250	7.32	8585	10.07	5445	13.98
12	SLCS200	3041	7.32	7749	10.07	4800	13.98
13	SBLK115	3032	7.32	7814	10.07	4951	13.98
14	SBLK099	4274	7.32	10899	10.07	6982	13.98
15	E29X9	3345	7.32	8582	10.07	5446	13.98
16	E29Y0	3279	7.32	8435	10.07	5315	13.98
17	E29Y3	3107	7.32	8038	10.07	5074	13.98
18	SLCS099	3718	7.32	9412	10.07	5930	13.98
19	E29Y4	3484	7.32	9083	10.07	6014	13.98
20	E29Y6	3588	7.32	9569	10.06	6183	13.98
21	E29X6	3590	7.32	9598	10.06	6040	13.98
22	E29X5	4818	7.32	12555 *	10.07	7701	13.98
23	E29X5MS	4409	7.32	11409	10.07	7219	13.98

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN112224 SAS No.: BN112224 SDG NO.: BN112224

EPA Sample No.: SSTD0.4225 Date Analyzed: Nov 23 2024 12:00AM

Lab File ID: BN035136.D Time Analyzed: 03:59

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	2538	7.55	5912	10.31	3911	14.19
UPPER LIMIT	5076	8.05	11824	10.812	7822	14.689
LOWER LIMIT	1269	7.05	2956	9.812	1955.5	13.689
EPA SAMPLE NO.						
24 E29X5MSD	4184	7.32	10190	10.07	5656	13.98
25 E29X3	4121	7.32	10472	10.07	6107	13.98
26 E29X4	4265	7.32	11131	10.06	6698	13.98
27 SLCS115	4100	7.32	10422	10.07	5912	13.98
28 SBLK099	3721	7.32	9735	10.06	6003	13.98
29 SBLK115	3245	7.32	8641	10.06	5334	13.98
30 E29Y2	3878	7.32	10251	10.06	6667	13.98
31 E29X7	3873	7.32	10363	10.06	6634	13.98
32 E29X8	3740	7.32	10283	10.06	6478	13.98
33 E29Y8	3186	7.32	8840	10.06	5706	13.98
34 E29Z0	4001	7.32	11125	10.06	6981	13.98
35 E29Y5	3024	7.32	8480	10.06	5426	13.98

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.: BN112224 SAS No.: BN112224 SDG NO.: BN112224

EPA Sample No.: SSTD0.4347 Date Analyzed: Nov 22 2024 12:00AM

Lab File ID: BN035237.D Time Analyzed: 12:35

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	3592	7.318	8950	10.07	5738	13.98
UPPER LIMIT	7184	7.818	17900	10.569	11476	14.481
LOWER LIMIT	1796	6.818	4475	9.569	2869	13.481
EPA SAMPLE NO.						
01 SBLK099	4399	7.32	11408	10.07	7512	13.98
02 E29X1	4201	7.32	11068	10.07	7178	13.98
03 E29X2	3340	7.32	8860	10.07	5573	13.98
04 E2A20	3089	7.32	8139	10.07	5307	13.98
05 E29Y9	3122	7.32	8322	10.07	5275	13.98
06 E29Y7	3418	7.32	8963	10.07	5828	13.98
07 E29Y1	3534	7.32	9264	10.07	5813	13.98
08 E2A24	3192	7.32	8398	10.07	5462	13.98
09 SBLK200	3561	7.32	9357	10.07	5903	13.98
10 E1PH7	3402	7.32	8401	10.07	4769	13.98
11 E1PH8	3250	7.32	8585	10.07	5445	13.98
12 SLCS200	3041	7.32	7749	10.07	4800	13.98

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.: BN112224 SAS No.: BN112224 SDG NO.: BN112224

EPA Sample No.: SSTD0.4348 Date Analyzed: Nov 22 2024 12:00AM

Lab File ID: BN035250.D Time Analyzed: 21:22

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	3022	7.322	7544	10.07	4607	13.98
	UPPER LIMIT	6044	7.822	15088	10.57	9214	14.481
	LOWER LIMIT	1511	6.822	3772	9.57	2303.5	13.481
	EPA SAMPLE NO.						
01	SBLK115	3032	7.32	7814	10.07	4951	13.98
02	SBLK099	4274	7.32	10899	10.07	6982	13.98
03	E29X9	3345	7.32	8582	10.07	5446	13.98
04	E29Y0	3279	7.32	8435	10.07	5315	13.98
05	E29Y3	3107	7.32	8038	10.07	5074	13.98
06	SLCS099	3718	7.32	9412	10.07	5930	13.98
07	E29Y4	3484	7.32	9083	10.07	6014	13.98
08	E29Y6	3588	7.32	9569	10.06	6183	13.98
09	E29X6	3590	7.32	9598	10.06	6040	13.98
10	E29X5	4818	7.32	12555	10.07	7701	13.98
11	E29X5MS	4409	7.32	11409	10.07	7219	13.98
12	E29X5MSD	4184	7.32	10190	10.07	5656	13.98
13	E29X3	4121	7.32	10472	10.07	6107	13.98
14	E29X4	4265	7.32	11131	10.06	6698	13.98
15	SLCS115	4100	7.32	10422	10.07	5912	13.98

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.: BN112224 SAS No.: BN112224 SDG NO.: BN112224

EPA Sample No.: SSTD0.4349 Date Analyzed: Nov 23 2024 12:00AM

Lab File ID: BN035266.D Time Analyzed: 07:35

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	3189	7.318	8311	10.07	5022	13.98
UPPER LIMIT	6378	7.818	16622	10.569	10044	14.477
LOWER LIMIT	1594.5	6.818	4155.5	9.569	2511	13.477
EPA SAMPLE NO.						
01 SBLK099	3721	7.32	9735	10.06	6003	13.98
02 SBLK115	3245	7.32	8641	10.06	5334	13.98
03 E29Y2	3878	7.32	10251	10.06	6667	13.98
04 E29X7	3873	7.32	10363	10.06	6634	13.98
05 E29X8	3740	7.32	10283	10.06	6478	13.98
06 E29Y8	3186	7.32	8840	10.06	5706	13.98
07 E29Z0	4001	7.32	11125	10.06	6981	13.98
08 E29Y5	3024	7.32	8480	10.06	5426	13.98

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.: BN112224 SAS No.: BN112224 SDG NO.: BN112224

EPA Sample No.: SSTD0.4225 Date Analyzed: Nov 22 2024 12:00AM

Lab File ID: BN035136.D Time Analyzed: 12:35

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	8422	16.941	7282	21.154	7906	23.331
	UPPER LIMIT	16844	17.441	14564	21.654	15812	23.831
	LOWER LIMIT	4211	16.441	3641	20.654	3953	22.831
	EPA SAMPLE NO.						
01	SBLK099	17322 *	16.75	13352	21.00	11263	23.10
02	E29X1	16412	16.75	13804	20.99	11517	23.10
03	E29X2	12058	16.75	8027	20.99	6813	23.10
04	E2A20	11892	16.75	8274	20.99	6579	23.10
05	E29Y9	11579	16.75	7764	20.99	6218	23.10
06	E29Y7	12798	16.75	8211	20.99	6616	23.09
07	E29Y1	12375	16.75	7697	20.99	7318	23.09
08	E2A24	11666	16.75	7362	20.99	6127	23.09
09	SBLK200	12670	16.75	7822	20.99	6760	23.10
10	E1PH7	9591	16.75	7178	20.99	7616	23.09
11	E1PH8	11772	16.75	7554	20.99	6064	23.09
12	SLCS200	10585	16.75	7608	20.99	6707	23.09
13	SBLK115	10850	16.75	7402	20.99	6090	23.09
14	SBLK099	15495	16.75	10988	20.99	9711	23.09
15	E29X9	12026	16.75	8558	20.99	6875	23.09
16	E29Y0	11759	16.75	8285	20.99	6733	23.09
17	E29Y3	11292	16.75	8042	20.99	6512	23.10
18	SLCS099	13279	16.75	9950	20.99	8640	23.09
19	E29Y4	13710	16.75	9829	20.99	7640	23.09
20	E29Y6	13704	16.74	10475	20.99	7705	23.09
21	E29X6	13269	16.75	9346	20.99	7360	23.09

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN112224 SAS No.: BN112224 SDG NO.: BN112224

EPA Sample No.: SSTD0.4225 Date Analyzed: Nov 23 2024 12:00AM

Lab File ID: BN035136.D Time Analyzed: 02:47

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	8422	16.941	7282	21.154	7906	23.331
UPPER LIMIT	16844	17.441	14564	21.654	15812	23.831
LOWER LIMIT	4211	16.441	3641	20.654	3953	22.831
EPA SAMPLE NO.						
22 E29X5	16084	16.75	9856	20.99	9286	23.09
23 E29X5MS	15229	16.75	10345	20.99	9174	23.09
24 E29X5MSD	10803	16.75	9532	20.99	10457	23.09
25 E29X3	11810	16.75	8459	20.99	8596	23.09
26 E29X4	13771	16.75	8828	20.99	8189	23.09
27 SLCS115	11370	16.75	7713	20.99	8574	23.09
28 SBLK099	13104	16.74	8315	20.99	6990	23.08
29 SBLK115	11709	16.75	7520	20.99	6204	23.08
30 E29Y2	15324	16.74	10606	20.99	8362	23.08
31 E29X7	15364	16.74	10990	20.99	8669	23.09
32 E29X8	14864	16.74	11403	20.99	8837	23.08
33 E29Y8	13003	16.74	10167	20.99	7719	23.09
34 E29Z0	15762	16.74	13559	20.99	10584	23.08
35 E29Y5	12409	16.74	10907	20.99	8523	23.08

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.: BN112224 SAS No.: BN112224 SDG NO.: BN112224

EPA Sample No.: SSTD0.4347 Date Analyzed: Nov 22 2024 12:00AM

Lab File ID: BN035237.D Time Analyzed: 12:35

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	13715	16.747	11064	20.993	9771	23.1
UPPER LIMIT	27430	17.247	22128	21.493	19542	23.6
LOWER LIMIT	6857.5	16.247	5532	20.493	4885.5	22.6
EPA SAMPLE NO.						
01 SBLK099	17322	16.75	13352	21.00	11263	23.10
02 E29X1	16412	16.75	13804	20.99	11517	23.10
03 E29X2	12058	16.75	8027	20.99	6813	23.10
04 E2A20	11892	16.75	8274	20.99	6579	23.10
05 E29Y9	11579	16.75	7764	20.99	6218	23.10
06 E29Y7	12798	16.75	8211	20.99	6616	23.09
07 E29Y1	12375	16.75	7697	20.99	7318	23.09
08 E2A24	11666	16.75	7362	20.99	6127	23.09
09 SBLK200	12670	16.75	7822	20.99	6760	23.10
10 E1PH7	9591	16.75	7178	20.99	7616	23.09
11 E1PH8	11772	16.75	7554	20.99	6064	23.09
12 SLCS200	10585	16.75	7608	20.99	6707	23.09

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.: BN112224 SAS No.: BN112224 SDG NO.: BN112224

EPA Sample No.: SSTD0.4348 Date Analyzed: Nov 22 2024 12:00AM

Lab File ID: BN035250.D Time Analyzed: 21:22

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	10111	16.747	6958	20.991	6414	23.092
	UPPER LIMIT	20222	17.247	13916	21.491	12828	23.592
	LOWER LIMIT	5055.5	16.247	3479	20.491	3207	22.592
	EPA SAMPLE NO.						
01	SBLK115	10850	16.75	7402	20.99	6090	23.09
02	SBLK099	15495	16.75	10988	20.99	9711	23.09
03	E29X9	12026	16.75	8558	20.99	6875	23.09
04	E29Y0	11759	16.75	8285	20.99	6733	23.09
05	E29Y3	11292	16.75	8042	20.99	6512	23.10
06	SLCS099	13279	16.75	9950	20.99	8640	23.09
07	E29Y4	13710	16.75	9829	20.99	7640	23.09
08	E29Y6	13704	16.74	10475	20.99	7705	23.09
09	E29X6	13269	16.75	9346	20.99	7360	23.09
10	E29X5	16084	16.75	9856	20.99	9286	23.09
11	E29X5MS	15229	16.75	10345	20.99	9174	23.09
12	E29X5MSD	10803	16.75	9532	20.99	10457	23.09
13	E29X3	11810	16.75	8459	20.99	8596	23.09
14	E29X4	13771	16.75	8828	20.99	8189	23.09
15	SLCS115	11370	16.75	7713	20.99	8574	23.09

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN112224 SAS No.: BN112224 SDG NO.: BN112224

EPA Sample No.: SSTD0.4348 Date Analyzed: Nov 23 2024 12:00AM

Lab File ID: BN035250.D Time Analyzed: 05:47

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	10111	16.747	6958	20.991	6414	23.092
UPPER LIMIT	20222	17.247	13916	21.491	12828	23.592
LOWER LIMIT	5055.5	16.247	3479	20.491	3207	22.592
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.: BN112224 SAS No.: BN112224 SDG NO.: BN112224

EPA Sample No.: SSTD0.4349 Date Analyzed: Nov 23 2024 12:00AM

Lab File ID: BN035266.D Time Analyzed: 07:35

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	10998	16.747	7542	20.988	6702	23.089
UPPER LIMIT	21996	17.247	15084	21.488	13404	23.589
LOWER LIMIT	5499	16.247	3771	20.488	3351	22.589
EPA SAMPLE NO.						
01 SBLK099	13104	16.74	8315	20.99	6990	23.08
02 SBLK115	11709	16.75	7520	20.99	6204	23.08
03 E29Y2	15324	16.74	10606	20.99	8362	23.08
04 E29X7	15364	16.74	10990	20.99	8669	23.09
05 E29X8	14864	16.74	11403	20.99	8837	23.08
06 E29Y8	13003	16.74	10167	20.99	7719	23.09
07 E29Z0	15762	16.74	13559	20.99	10584	23.08
08 E29Y5	12409	16.74	10907	20.99	8523	23.08

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.: BN112224

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165099BS	1,4-Dioxane	66.7	44	ug/Kg	66				0	0		
	Naphthalene	13.3	11	ug/Kg	83				0	0		
	1-Methylnaphthalene	13.3	10	ug/Kg	75				0	0		
	2-Methylnaphthalene	13.3	10	ug/Kg	75				0	0		
	Acenaphthylene	13.3	12	ug/Kg	90				0	0		
	Acenaphthene	13.3	11	ug/Kg	83				0	0		
	Fluorene	13.3	11	ug/Kg	83				0	0		
	Pentachlorophenol	26.7	22	ug/Kg	82				0	0		
	Phenanthrene	13.3	11	ug/Kg	83				0	0		
	Anthracene	13.3	11	ug/Kg	83				0	0		
	Fluoranthene	13.3	13	ug/Kg	98				0	0		
	Pyrene	13.3	13	ug/Kg	98				0	0		
	Benzo(a)anthracene	13.3	11	ug/Kg	83				0	0		
	Chrysene	13.3	11	ug/Kg	83				0	0		
	Benzo(b)fluoranthene	13.3	11	ug/Kg	83				0	0		
	Benzo(k)fluoranthene	13.3	12	ug/Kg	90				0	0		
	Benzo(a)pyrene	13.3	11	ug/Kg	83				0	0		
	Indeno(1,2,3-cd)pyrene	13.3	10	ug/Kg	75				0	0		
	Dibenzo(a,h)anthracene	13.3	9.6	ug/Kg	72				0	0		
	Benzo(g,h,i)perylene	13.3	9.9	ug/Kg	74				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN112224

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165115BS	1,4-Dioxane	2	1.3	ug/L	65				0	0		
	Naphthalene	0.4	0.36	ug/L	90				0	0		
	1-Methylnaphthalene	0.4	0.35	ug/L	88				0	0		
	2-Methylnaphthalene	0.4	0.35	ug/L	88				0	0		
	Acenaphthylene	0.4	0.41	ug/L	103				0	0		
	Acenaphthene	0.4	0.38	ug/L	95				0	0		
	Fluorene	0.4	0.36	ug/L	90				0	0		
	Pentachlorophenol	0.8	0.77	ug/L	96				0	0		
	Phenanthrene	0.4	0.38	ug/L	95				0	0		
	Anthracene	0.4	0.37	ug/L	93				0	0		
	Fluoranthene	0.4	0.43	ug/L	108				0	0		
	Pyrene	0.4	0.42	ug/L	105				0	0		
	Benzo(a)anthracene	0.4	0.39	ug/L	98				0	0		
	Chrysene	0.4	0.4	ug/L	100				0	0		
	Benzo(b)fluoranthene	0.4	0.4	ug/L	100				0	0		
	Benzo(k)fluoranthene	0.4	0.4	ug/L	100				0	0		
	Benzo(a)pyrene	0.4	0.39	ug/L	98				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.41	ug/L	103				0	0		
	Dibenzo(a,h)anthracene	0.4	0.39	ug/L	98				0	0		
	Benzo(g,h,i)perylene	0.4	0.4	ug/L	100				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN112224

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165200BS	1,4-Dioxane	2	1.6	ug/L	80				0	0		
	Naphthalene	0.4	0.37	ug/L	93				0	0		
	1-Methylnaphthalene	0.4	0.36	ug/L	90				0	0		
	2-Methylnaphthalene	0.4	0.36	ug/L	90				0	0		
	Acenaphthylene	0.4	0.41	ug/L	103				0	0		
	Acenaphthene	0.4	0.39	ug/L	98				0	0		
	Fluorene	0.4	0.38	ug/L	95				0	0		
	Pentachlorophenol	0.8	0.83	ug/L	104				0	0		
	Phenanthrene	0.4	0.39	ug/L	98				0	0		
	Anthracene	0.4	0.38	ug/L	95				0	0		
	Fluoranthene	0.4	0.48	ug/L	120				0	0		
	Pyrene	0.4	0.47	ug/L	117				0	0		
	Benzo(a)anthracene	0.4	0.4	ug/L	100				0	0		
	Chrysene	0.4	0.42	ug/L	105				0	0		
	Benzo(b)fluoranthene	0.4	0.43	ug/L	108				0	0		
	Benzo(k)fluoranthene	0.4	0.44	ug/L	110				0	0		
	Benzo(a)pyrene	0.4	0.41	ug/L	103				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.39	ug/L	98				0	0		
	Dibenzo(a,h)anthracene	0.4	0.37	ug/L	93				0	0		
	Benzo(g,h,i)perylene	0.4	0.39	ug/L	98				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

E2A20

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN112224

SAS No.: BN112224 SDG NO.: BN112224

Lab File ID: BN035241.D

Lab Sample ID: P4875-21

Instrument ID: BNA_N

Date Extracted: 11/19/2024

Matrix: (soil/water) Water

Date Analyzed: 11/22/2024

Level: (low/med) LOW

Time Analyzed: 14:29

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E2A20	P4875-21	BN035241.D	11/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK099

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN112224

SAS No.: BN112224 SDG NO.: BN112224

Lab File ID: BN035252.D

Lab Sample ID: PB165099BL

Instrument ID: BNA_N

Date Extracted: 11/19/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/22/2024

Level: (low/med) LOW

Time Analyzed: 21:58

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E29X1	P4872-01	BN035239.D	11/22/2024
E29X2	P4872-02	BN035240.D	11/22/2024
E29Y2	P4872-15	BN035269.D	11/23/2024
E29X7	P4872-09	BN035270.D	11/23/2024
E29X8	P4872-10	BN035271.D	11/23/2024
E29Y8	P4872-21	BN035272.D	11/23/2024
E29Z0	P4872-23	BN035273.D	11/23/2024
E29Y5	P4872-18	BN035274.D	11/23/2024
E29X9	P4872-11	BN035253.D	11/22/2024
E29Y0	P4872-12	BN035254.D	11/22/2024
E29Y3	P4872-16	BN035255.D	11/22/2024
PB165099BS	PB165099BS	BN035256.D	11/23/2024
E29Y4	P4872-17	BN035257.D	11/23/2024
E29Y6	P4872-19	BN035258.D	11/23/2024
E29X6	P4872-08	BN035259.D	11/23/2024
E29X5	P4872-05	BN035260.D	11/23/2024
E29X5MS	P4872-06MS	BN035261.D	11/23/2024
E29X5MSD	P4872-07MSD	BN035262.D	11/23/2024
E29X3	P4872-03	BN035263.D	11/23/2024
E29X4	P4872-04	BN035264.D	11/23/2024
E29Y9	P4872-22	BN035242.D	11/22/2024
E29Y7	P4872-20	BN035243.D	11/22/2024
E29Y1	P4872-14	BN035244.D	11/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK115

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN112224

SAS No.: BN112224 SDG NO.: BN112224

Lab File ID: BN035268.D

Lab Sample ID: PB165115BL

Instrument ID: BNA_N

Date Extracted: 11/19/2024

Matrix: (soil/water) Water

Date Analyzed: 11/23/2024

Level: (low/med) LOW

Time Analyzed: 08:11

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E2A24	P4875-22	BN035245.D	11/22/2024
PB165115BS	PB165115BS	BN035265.D	11/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK200

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN112224

SAS No.: BN112224 SDG NO.: BN112224

Lab File ID: BN035246.D

Lab Sample ID: PB165200BL

Instrument ID: BNA_N

Date Extracted: 11/22/2024

Matrix: (soil/water) Water

Date Analyzed: 11/22/2024

Level: (low/med) LOW

Time Analyzed: 17:46

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1PH7	P4965-01	BN035247.D	11/22/2024
E1PH8	P4965-02	BN035248.D	11/22/2024
PB165200BS	PB165200BS	BN035249.D	11/22/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN112224

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4872-06MS	Client Sample ID:	E29X5MS					DataFile:	BN035261.D		
1,4-Dioxane	88.9		36	ug/Kg	40				15	120	
Naphthalene	17.8		11	ug/Kg	62				0	0	
1-Methylnaphthalene	17.8		11	ug/Kg	62				0	0	
2-Methylnaphthalene	17.8		11	ug/Kg	62				0	0	
Acenaphthylene	17.8	2	13	ug/Kg	62				0	0	
Acenaphthene	17.8		12	ug/Kg	67				31	137	
Fluorene	17.8	0.93	12	ug/Kg	62				0	0	
Pentachlorophenol	35.5		19	ug/Kg	54				17	109	
Phenanthrene	17.8	11	16	ug/Kg	28				0	0	
Anthracene	17.8	2.1	13	ug/Kg	61				0	0	
Fluoranthene	17.8	27	30	ug/Kg	17				0	0	
Pyrene	17.8	21	27	ug/Kg	34	*			35	142	
Benzo(a)anthracene	17.8	7.9	18	ug/Kg	57				0	0	
Chrysene	17.8	8.2	18	ug/Kg	55				0	0	
Benzo(b)fluoranthene	17.8	11	19	ug/Kg	45				0	0	
Benzo(k)fluoranthene	17.8	4.6	16	ug/Kg	64				0	0	
Benzo(a)pyrene	17.8	8.9	17	ug/Kg	46				0	0	
Indeno(1,2,3-cd)pyrene	17.8	5.6	15	ug/Kg	53				0	0	
Dibenzo(a,h)anthracene	17.8	1.3	13	ug/Kg	66				0	0	
Benzo(g,h,i)perylene	17.8	6.5	16	ug/Kg	53				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN112224

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4872-07MSD	Client Sample ID:	E29X5MSD					DataFile:	BN035262.D		
1,4-Dioxane	88.7		37	ug/Kg	42		5		15	120	50
Naphthalene	17.7		11	ug/Kg	62		0		0	0	0
1-Methylnaphthalene	17.7		11	ug/Kg	62		0		0	0	0
2-Methylnaphthalene	17.7		11	ug/Kg	62		0		0	0	0
Acenaphthylene	17.7	2	14	ug/Kg	68		9	*	0	0	0
Acenaphthene	17.7		12	ug/Kg	68		1		31	137	19
Fluorene	17.7	0.93	11	ug/Kg	57		8	*	0	0	0
Pentachlorophenol	35.5		18	ug/Kg	51		6		17	109	47
Phenanthrene	17.7	11	16	ug/Kg	28		0		0	0	0
Anthracene	17.7	2.1	13	ug/Kg	62		2	*	0	0	0
Fluoranthene	17.7	27	24	ug/Kg	-17				0	0	0
Pyrene	17.7	21	22	ug/Kg	6	*	140	*	35	142	36
Benzo(a)anthracene	17.7	7.9	18	ug/Kg	57		0		0	0	0
Chrysene	17.7	8.2	18	ug/Kg	55		0		0	0	0
Benzo(b)fluoranthene	17.7	11	20	ug/Kg	51		13	*	0	0	0
Benzo(k)fluoranthene	17.7	4.6	15	ug/Kg	59		8	*	0	0	0
Benzo(a)pyrene	17.7	8.9	18	ug/Kg	51		10	*	0	0	0
Indeno(1,2,3-cd)pyrene	17.7	5.6	15	ug/Kg	53		0		0	0	0
Dibenzo(a,h)anthracene	17.7	1.3	14	ug/Kg	72		9	*	0	0	0
Benzo(g,h,i)perylene	17.7	6.5	16	ug/Kg	54		2	*	0	0	0

Surrogate Summary

SW-846

SDG No.: BN112224

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4875-21	E2A20	BN035241.D	1,4-Dioxane-d8	8	4.44	55		15	120
			Fluoranthene-d10	0.4	0.49	122		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		30	130

Surrogate Summary

SW-846

SDG No.: BN112224

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4872-01	E29X1	BN035239.D	1,4-Dioxane-d8	8	2.52	32		15	120
			Fluoranthene-d10	0.4	0.22	55		30	130
			2-Methylnaphthalene-d10	0.4	0.17	43		20	140
P4872-02	E29X2	BN035240.D	1,4-Dioxane-d8	8	2.42	30		15	120
			Fluoranthene-d10	0.4	0.21	52		30	130
			2-Methylnaphthalene-d10	0.4	0.14	36		20	140
P4872-03	E29X3	BN035263.D	1,4-Dioxane-d8	8	2.21	28		15	120
			Fluoranthene-d10	0.4	0.21	53		30	130
			2-Methylnaphthalene-d10	0.4	0.16	41		20	140
P4872-04	E29X4	BN035264.D	1,4-Dioxane-d8	8	2.17	27		15	120
			Fluoranthene-d10	0.4	0.23	57		30	130
			2-Methylnaphthalene-d10	0.4	0.16	40		20	140
P4872-05	E29X5	BN035260.D	1,4-Dioxane-d8	8	2.37	30		15	120
			Fluoranthene-d10	0.4	0.26	64		30	130
			2-Methylnaphthalene-d10	0.4	0.17	42		20	140
P4872-06MS	E29X5MS	BN035261.D	1,4-Dioxane-d8	0.8	0.30	37		15	120
			Fluoranthene-d10	0.4	0.34	86		30	130
			2-Methylnaphthalene-d10	0.4	0.23	58		20	140
P4872-07MSD	E29X5MSD	BN035262.D	1,4-Dioxane-d8	0.8	0.31	39		15	120
			Fluoranthene-d10	0.4	0.27	68		30	130
			2-Methylnaphthalene-d10	0.4	0.23	58		20	140
P4872-08	E29X6	BN035259.D	1,4-Dioxane-d8	8	3.10	39		15	120
			Fluoranthene-d10	0.4	0.32	79		30	130
			2-Methylnaphthalene-d10	0.4	0.23	56		20	140
P4872-09	E29X7	BN035270.D	1,4-Dioxane-d8	8	2.04	25		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.17	41		20	140
P4872-10	E29X8	BN035271.D	1,4-Dioxane-d8	8	2.43	30		15	120
			Fluoranthene-d10	0.4	0.27	68		30	130
			2-Methylnaphthalene-d10	0.4	0.20	50		20	140
P4872-11	E29X9	BN035253.D	1,4-Dioxane-d8	8	2.97	37		15	120
			Fluoranthene-d10	0.4	0.26	66		30	130
			2-Methylnaphthalene-d10	0.4	0.19	47		20	140
P4872-12	E29Y0	BN035254.D	1,4-Dioxane-d8	8	1.89	24		15	120
			Fluoranthene-d10	0.4	0.17	41		30	130
			2-Methylnaphthalene-d10	0.4	0.12	30		20	140
P4872-14	E29Y1	BN035244.D	1,4-Dioxane-d8	8	3.04	38		15	120
			Fluoranthene-d10	0.4	0.32	80		30	130
			2-Methylnaphthalene-d10	0.4	0.20	50		20	140
P4872-15	E29Y2	BN035269.D	1,4-Dioxane-d8	8	2.28	28		15	120
			Fluoranthene-d10	0.4	0.33	81		30	130
			2-Methylnaphthalene-d10	0.4	0.21	52		20	140
P4872-16	E29Y3	BN035255.D	1,4-Dioxane-d8	8	2.58	32		15	120
			Fluoranthene-d10	0.4	0.30	75		30	130
			2-Methylnaphthalene-d10	0.4	0.18	45		20	140
P4872-17	E29Y4	BN035257.D	1,4-Dioxane-d8	8	4.38	55		15	120
			Fluoranthene-d10	0.4	0.53	132	*	30	130
			2-Methylnaphthalene-d10	0.4	0.35	86		20	140
P4872-18	E29Y5	BN035274.D	1,4-Dioxane-d8	8	2.48	31		15	120

Surrogate Summary

SW-846

SDG No.: BN112224

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4872-18	E29Y5	BN035274.D	Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.20	50		20	140
			1,4-Dioxane-d8	8	3.96	49		15	120
P4872-19	E29Y6	BN035258.D	Fluoranthene-d10	0.4	0.44	111		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		20	140
			1,4-Dioxane-d8	8	4.80	60		15	120
P4872-20	E29Y7	BN035243.D	Fluoranthene-d10	0.4	0.47	118		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		20	140
			1,4-Dioxane-d8	8	3.71	46		15	120
P4872-21	E29Y8	BN035272.D	Fluoranthene-d10	0.4	0.46	114		30	130
			2-Methylnaphthalene-d10	0.4	0.33	82		20	140
			1,4-Dioxane-d8	8	2.79	35		15	120
P4872-22	E29Y9	BN035242.D	Fluoranthene-d10	0.4	0.27	68		30	130
			2-Methylnaphthalene-d10	0.4	0.18	44		20	140
			1,4-Dioxane-d8	8	1.85	23		15	120
P4872-23	E29Z0	BN035273.D	Fluoranthene-d10	0.4	0.20	49		30	130
			2-Methylnaphthalene-d10	0.4	0.16	39		20	140
			1,4-Dioxane-d8	8	3.93	49		15	120
PB165099BL	PB165099BL	BN035267.D	1,4-Dioxane-d8	8	4.41	55		15	120
		BN035238.D	1,4-Dioxane-d8	8	3.85	48		15	120
		BN035252.D	1,4-Dioxane-d8	8	0.31	77		30	130
			Fluoranthene-d10	0.4	0.29	74		30	130
		BN035238.D	Fluoranthene-d10	0.4	0.29	74		30	130
		BN035267.D	Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		20	140
		BN035238.D	2-Methylnaphthalene-d10	0.4	0.24	60		20	140
		BN035252.D	2-Methylnaphthalene-d10	0.4	0.23	58		20	140
PB165099BS	PB165099BS	BN035256.D	1,4-Dioxane-d8	0.8	0.51	63		15	120
			Fluoranthene-d10	0.4	0.37	94		30	130
			2-Methylnaphthalene-d10	0.4	0.31	76		20	140

Surrogate Summary

SW-846

SDG No.: BN112224

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4875-22	E2A24	BN035245.D	1,4-Dioxane-d8	8	5.00	63		15	120
			Fluoranthene-d10	0.4	0.54	134	*	30	130
			2-Methylnaphthalene-d10	0.4	0.31	78		30	130
PB165115BL	PB165115BL	BN035251.D	1,4-Dioxane-d8	8	5.22	65		15	120
		BN035268.D	1,4-Dioxane-d8	8	4.24	53		15	120
		BN035251.D	Fluoranthene-d10	0.4	0.45	112		30	130
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.30	76		30	130
		BN035268.D	2-Methylnaphthalene-d10	0.4	0.31	76		30	130
PB165115BS	PB165115BS	BN035265.D	1,4-Dioxane-d8	0.8	0.52	65		15	120
		BN035265.D	Fluoranthene-d10	0.4	0.43	108		30	130
			2-Methylnaphthalene-d10	0.4	0.35	87		30	130

Surrogate Summary

SW-846

SDG No.: BN112224

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4965-01	E1PH7	BN035247.D	1,4-Dioxane-d8	8	4.39	55		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
P4965-02	E1PH8	BN035248.D	1,4-Dioxane-d8	8	4.18	52		15	120
			Fluoranthene-d10	0.4	0.53	133	*	30	130
			2-Methylnaphthalene-d10	0.4	0.32	80		30	130
PB165200BL	PB165200BL	BN035246.D	1,4-Dioxane-d8	8	5.46	68		15	120
			Fluoranthene-d10	0.4	0.44	109		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
PB165200BS	PB165200BS	BN035249.D	1,4-Dioxane-d8	0.8	0.63	79		15	120
			Fluoranthene-d10	0.4	0.48	119		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN112224

Lab Code: CHEM

SAS No.: BN112224 SDG NO.: BN112224

Lab File ID: BN035236.D

DFTPP Injection Date: 11/22/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	22.4
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	29.1
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	40.6
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	6.5
275	10.0 - 60.0% of mass 198	27.7
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	11.5
442	Greater than 50% of mass 198	63.8
443	15.0 - 24.0% of mass 442	12.7 (19.8) 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
SSTD0.4347	SSTDCCC0.4	BN035237.D	11/22/2024	11:51
SBLK099	PB165099BL	BN035238.D	11/22/2024	12:35
E29X1	P4872-01	BN035239.D	11/22/2024	13:11
E29X2	P4872-02	BN035240.D	11/22/2024	13:53
E2A20	P4875-21	BN035241.D	11/22/2024	14:29
E29Y9	P4872-22	BN035242.D	11/22/2024	15:22
E29Y7	P4872-20	BN035243.D	11/22/2024	15:58
E29Y1	P4872-14	BN035244.D	11/22/2024	16:34
E2A24	P4875-22	BN035245.D	11/22/2024	17:10
SBLK200	PB165200BL	BN035246.D	11/22/2024	17:46
E1PH7	P4965-01	BN035247.D	11/22/2024	18:22
E1PH8	P4965-02	BN035248.D	11/22/2024	18:58
SLCS200	PB165200BS	BN035249.D	11/22/2024	19:34
SSTD0.4348	SSTDCCC0.4	BN035250.D	11/22/2024	20:46
SBLK115	PB165115BL	BN035251.D	11/22/2024	21:22
SBLK099	PB165099BL	BN035252.D	11/22/2024	21:58
E29X9	P4872-11	BN035253.D	11/22/2024	22:34
E29Y0	P4872-12	BN035254.D	11/22/2024	23:10

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN112224

Lab Code: CHEM

SAS No.: BN112224 SDG NO.: BN112224

Lab File ID: BN035236.D

DFTPP Injection Date: 11/22/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	22.4
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	29.1
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	40.6
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	6.5
275	10.0 - 60.0% of mass 198	27.7
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	11.5
442	Greater than 50% of mass 198	63.8
443	15.0 - 24.0% of mass 442	12.7 (19.8) 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
E29Y3	P4872-16	BN035255.D	11/22/2024	23:46
SLCS099	PB165099BS	BN035256.D	11/23/2024	00:22
E29Y4	P4872-17	BN035257.D	11/23/2024	00:58
E29Y6	P4872-19	BN035258.D	11/23/2024	01:34
E29X6	P4872-08	BN035259.D	11/23/2024	02:11
E29X5	P4872-05	BN035260.D	11/23/2024	02:47
E29X5MS	P4872-06MS	BN035261.D	11/23/2024	03:23
E29X5MSD	P4872-07MSD	BN035262.D	11/23/2024	03:59
E29X3	P4872-03	BN035263.D	11/23/2024	04:35
E29X4	P4872-04	BN035264.D	11/23/2024	05:11
SLCS115	PB165115BS	BN035265.D	11/23/2024	05:47
SSTD0.4349	SSTDCCC0.4	BN035266.D	11/23/2024	06:23
SBLK099	PB165099BL	BN035267.D	11/23/2024	07:35
SBLK115	PB165115BL	BN035268.D	11/23/2024	08:11
E29Y2	P4872-15	BN035269.D	11/23/2024	08:47
E29X7	P4872-09	BN035270.D	11/23/2024	09:23
E29X8	P4872-10	BN035271.D	11/23/2024	09:59
E29Y8	P4872-21	BN035272.D	11/23/2024	10:35

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN112224

Lab Code: CHEM

SAS No.: BN112224 SDG NO.: BN112224

Lab File ID: BN035236.D

DFTPP Injection Date: 11/22/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	22.4
68	Less than 2.0% of mass 69	0.0 (0.0) 1
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442	Greater than 50% of mass 198	63.8
443	15.0 - 24.0% of mass 442	12.7 (19.8) 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
E29Z0	P4872-23	BN035273.D	11/23/2024	11:11
E29Y5	P4872-18	BN035274.D	11/23/2024	11:47
SSTD0.4350	SSTDCCC0.4EC	BN035275.D	11/23/2024	12:23