

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BN112624 SAS No.: BN112624 SDG No.: BN112624
 Instrument ID: BNA_N Calibration Date/Time: 11/26/2024 : 05:08
 Lab File ID: BN035302.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD0.4351 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane-d8	0.366	0.397	0.010	8.5894	40.0
1,4-Dioxane	0.397	0.430	0.010	8.313	40.0
Naphthalene	1.008	1.020	0.600	1.259	30.0
1-Methylnaphthalene	0.705	0.666	0.300	-5.5586	30.0
2-Methylnaphthalene	0.699	0.659	0.300	-5.6529	30.0
Acenaphthylene	1.587	1.752	0.900	10.4469	30.0
Acenaphthene	1.214	1.328	0.500	9.3975	30.0
Fluorene	1.425	1.462	0.700	2.5663	30.0
Pentachlorophenol	0.093	0.078	0.010	-15.9311	50.0
Phenanthrene	1.057	1.135	0.300	7.3194	30.0
Anthracene	0.981	0.981	0.400	-0.0795	30.0
Fluoranthene	1.393	1.511	0.400	8.5159	30.0
Pyrene	1.449	1.547	0.500	6.7112	30.0
Benzo (a) anthracene	1.388	1.377	0.400	-0.7793	30.0
Chrysene	1.397	1.544	0.400	10.5482	30.0
Benzo (b) fluoranthene	1.322	1.348	0.200	1.9235	30.0
Benzo (k) fluoranthene	1.363	1.502	0.200	10.1476	30.0
Benzo (a) pyrene	1.208	1.240	0.200	2.5831	30.0
Indeno (1,2,3-cd) pyrene	1.632	1.664	0.200	1.9919	30.0
Dibenzo (a,h) anthracene	1.279	1.261	0.200	-1.445	30.0
Benzo (g,h,i) perylene	1.287	1.324	0.200	2.9228	30.0
Fluoranthene-d10	1.104	1.096	0.400	-0.6609	30.0
2-Methylnaphthalene-d10	0.586	0.506	0.300	-13.7159	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.: BN112624 SAS No.: BN112624 SDG No.: BN112624

Instrument ID: BNA_N Calibration Date/Time: 11/26/2024 : 08:08

Lab File ID: BN035306.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4352 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	0.442	0.010	11.46	40.0
1,4-Dioxane-d8	0.366	0.396	0.010	8.4046	40.0
Naphthalene	1.008	1.017	0.600	0.9169	30.0
1-Methylnaphthalene	0.705	0.662	0.300	-6.1366	30.0
2-Methylnaphthalene	0.699	0.656	0.300	-6.1682	30.0
Acenaphthylene	1.587	1.718	0.900	8.2956	30.0
Acenaphthene	1.214	1.311	0.500	8.0217	30.0
Fluorene	1.425	1.439	0.700	0.9734	30.0
Pentachlorophenol	0.093	0.078	0.010	-16.2938	50.0
Phenanthrene	1.057	1.129	0.300	6.8036	30.0
Anthracene	0.981	0.976	0.400	-0.511	30.0
Fluoranthene	1.393	1.495	0.400	7.3223	30.0
Pyrene	1.449	1.540	0.500	6.2362	30.0
Benzo (a) anthracene	1.388	1.369	0.400	-1.3849	30.0
Chrysene	1.397	1.527	0.400	9.3502	30.0
Benzo (b) fluoranthene	1.322	1.287	0.200	-2.6553	30.0
Benzo (k) fluoranthene	1.363	1.485	0.200	8.9307	30.0
Benzo (a) pyrene	1.208	1.202	0.200	-0.5518	30.0
Indeno (1,2,3-cd) pyrene	1.632	1.657	0.200	1.5474	30.0
Dibenzo (a,h) anthracene	1.279	1.251	0.200	-2.2065	30.0
Benzo (g,h,i) perylene	1.287	1.274	0.200	-0.959	30.0
Fluoranthene-d10	1.104	1.109	0.400	0.5203	30.0
2-Methylnaphthalene-d10	0.586	0.512	0.300	-12.7146	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.: BN112624 SAS No.: BN112624 SDG No.: BN112624

Instrument ID: BNA_N Calibration Date/Time: 11/26/2024 : 17:07

Lab File ID: BN035318.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4353 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane-d8	0.366	0.404	0.010	10.6177	40.0
1,4-Dioxane	0.397	0.413	0.010	4.1482	40.0
Naphthalene	1.008	1.028	0.600	2.0371	30.0
1-Methylnaphthalene	0.705	0.692	0.300	-1.849	30.0
2-Methylnaphthalene	0.699	0.683	0.300	-2.3359	30.0
Acenaphthylene	1.587	1.697	0.900	6.9809	30.0
Acenaphthene	1.214	1.285	0.500	5.8801	30.0
Fluorene	1.425	1.399	0.700	-1.7946	30.0
Pentachlorophenol	0.093	0.072	0.010	-22.9395	50.0
Phenanthrene	1.057	1.112	0.300	5.1822	30.0
Anthracene	0.981	0.965	0.400	-1.7035	30.0
Fluoranthene	1.393	1.706	0.400	22.483	30.0
Pyrene	1.449	1.694	0.500	16.8782	30.0
Benzo (a) anthracene	1.388	1.365	0.400	-1.6578	30.0
Chrysene	1.397	1.499	0.400	7.3422	30.0
Benzo (b) fluoranthene	1.322	1.365	0.200	3.2308	30.0
Benzo (k) fluoranthene	1.363	1.498	0.200	9.8593	30.0
Benzo (a) pyrene	1.208	1.255	0.200	3.8222	30.0
Indeno (1,2,3-cd) pyrene	1.632	1.667	0.200	2.1464	30.0
Dibenzo (a,h) anthracene	1.279	1.258	0.200	-1.6614	30.0
Benzo (g,h,i) perylene	1.287	1.374	0.200	6.7678	30.0
Fluoranthene-d10	1.104	1.277	0.400	15.6877	30.0
2-Methylnaphthalene-d10	0.586	0.539	0.300	-8.0629	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.: BN112624 SAS No.: BN112624 SDG No.: BN112624

Instrument ID: BNA_N Calibration Date/Time: 11/27/2024 : 03:18

Lab File ID: BN035334.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4354 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane-d8	0.366	0.386	0.010	5.7106	40.0
1,4-Dioxane	0.397	0.410	0.010	3.2134	40.0
Naphthalene	1.008	1.025	0.600	1.7108	30.0
1-Methylnaphthalene	0.705	0.703	0.300	-0.2985	30.0
2-Methylnaphthalene	0.699	0.688	0.300	-1.5686	30.0
Acenaphthylene	1.587	1.710	0.900	7.7402	30.0
Acenaphthene	1.214	1.321	0.500	8.804	30.0
Fluorene	1.425	1.444	0.700	1.3465	30.0
Pentachlorophenol	0.093	0.071	0.010	-24.0732	50.0
Phenanthrene	1.057	1.126	0.300	6.4596	30.0
Anthracene	0.981	0.970	0.400	-1.165	30.0
Fluoranthene	1.393	1.842	0.400	32.2924	30.0
Pyrene	1.449	1.830	0.500	26.2436	30.0
Benzo (a) anthracene	1.388	1.368	0.400	-1.407	30.0
Chrysene	1.397	1.532	0.400	9.7187	30.0
Benzo (b) fluoranthene	1.322	1.310	0.200	-0.9363	30.0
Benzo (k) fluoranthene	1.363	1.456	0.200	6.794	30.0
Benzo (a) pyrene	1.208	1.213	0.200	0.4074	30.0
Indeno (1,2,3-cd) pyrene	1.632	1.712	0.200	4.8963	30.0
Dibenzo (a,h) anthracene	1.279	1.292	0.200	0.9653	30.0
Benzo (g,h,i) perylene	1.287	1.330	0.200	3.3471	30.0
Fluoranthene-d10	1.104	1.358	0.400	23.062	30.0
2-Methylnaphthalene-d10	0.586	0.537	0.300	-8.3825	30.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	SBLK232	SDG No.:	BN112624
Lab Sample ID:	PB165232BL	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
BN035303.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165232

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	6.709		15-120		84	SPK: -8
93951-69-0	Fluoranthene-d10	0.389		30-130		97	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.301		30-130		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3181		7.314			
1146-65-2	Naphthalene-d8	7651		10.059			
15067-26-2	Acenaphthene-d10	4192		13.972			

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	SBLK232	SDG No.:	BN112624
Lab Sample ID:	PB165232BL	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
BN035303.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165232

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8144	16.738				
1719-03-5	Chrysene-d12	6161	20.982				
1520-96-3	Perylene-d12	6395	23.077				
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:	E1PJ0	SDG No.:	BN112624
Lab Sample ID:	P4965-03	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
BN035304.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165232

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	5.021		15-120		63	SPK: -8
93951-69-0	Fluoranthene-d10	0.426		30-130		106	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.312		30-130		78	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3189		7.314			
1146-65-2	Naphthalene-d8	8125		10.059			
15067-26-2	Acenaphthene-d10	4852		13.972			

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:	E1PJ0	SDG No.:	BN112624
Lab Sample ID:	P4965-03	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
BN035304.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165232

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10598	16.738				
1719-03-5	Chrysene-d12	8765	20.982				
1520-96-3	Perylene-d12	8324	23.08				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	SLCS232	SDG No.:	BN112624
Lab Sample ID:	PB165232BS	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
BN035305.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165232

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.7		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.35		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.32		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.32		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.37		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.37		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.34		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.67		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.36		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.34		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.38		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.38		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.36		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.41		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.37		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.42		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.37		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	0.36		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.37		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.723		15-120		90	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.391		30-130		98	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.329		30-130		82	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2937	7.314				
1146-65-2	Naphthalene-d8	7102	10.064				
15067-26-2	Acenaphthene-d10	3820	13.972				

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	SLCS232	SDG No.:	BN112624
Lab Sample ID:	PB165232BS	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
BN035305.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165232

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7710	16.738				
1719-03-5	Chrysene-d12	6344	20.982				
1520-96-3	Perylene-d12	6933	23.08				
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:	SBLK213	SDG No.:	BN112624
Lab Sample ID:	PB165213BL	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
BN035307.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165213

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	7.133		15-120		89	SPK: -8
93951-69-0	Fluoranthene-d10	0.394		30-130		98	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.31		20-140		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2821		7.309			
1146-65-2	Naphthalene-d8	6978		10.058			
15067-26-2	Acenaphthene-d10	3863		13.972			

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:	SBLK213	SDG No.:	BN112624
Lab Sample ID:	PB165213BL	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
BN035307.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165213

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7718	16.738				
1719-03-5	Chrysene-d12	6109	20.985				
1520-96-3	Perylene-d12	6001	23.083				
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:	E2A24	SDG No.:	BN112624
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
BN035308.D	1	11/19/2024 12:00:00 AM	11/26/2024 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	5.39		15-120		67	SPK: -8
93951-69-0	Fluoranthene-d10	0.45		30-130		113	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.294		30-130		74	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2861		7.309			
1146-65-2	Naphthalene-d8	6920		10.058			
15067-26-2	Acenaphthene-d10	3919		13.972			

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.:	BN112624
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
BN035308.D	1	11/19/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7906	16.738				
1719-03-5	Chrysene-d12	6097	20.982				
1520-96-3	Perylene-d12	5876	23.08				
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:	E29Y4	SDG No.:	BN112624
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:	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
BN035309.D	1	11/19/2024 12:00:00 AM	11/26/2024 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	1	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	6.7		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	2.2	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	6.2		0.62	0.99	3.9	ug/Kg
206-44-0	Fluoranthene	43		0.81	0.99	3.9	ug/Kg
129-00-0	Pyrene	37		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	21		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	28		0.43	0.99	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	15		1	0.99	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3.8	J	1.1	0.99	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	19		1.2	0.99	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.625		15-120		70	SPK: -8
93951-69-0	Fluoranthene-d10	0.436		30-130		109	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.328		20-140		82	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3337		7.314			
1146-65-2	Naphthalene-d8	8210		10.058			
15067-26-2	Acenaphthene-d10	4570		13.972			

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.:	BN112624
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
BN035309.D	1	11/19/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8708	16.734				
1719-03-5	Chrysene-d12	7393	20.979				
1520-96-3	Perylene-d12	7319	23.074				
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:	E29Y6DL	SDG No.:	BN112624
Lab Sample ID:	P4872-19DL	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
BN035310.D	5	11/19/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.2	U	6.2	0	38	ug/Kg
91-20-3	Naphthalene	2.1	U	2.1	4.7	19	ug/Kg
90-12-0	1-Methylnaphthalene	4.8	U	4.8	4.7	19	ug/Kg
91-57-6	2-Methylnaphthalene	1.9	U	1.9	4.7	19	ug/Kg
208-96-8	Acenaphthylene	34	D	2.7	4.7	19	ug/Kg
83-32-9	Acenaphthene	4	JD	2.2	4.7	19	ug/Kg
86-73-7	Fluorene	21	D	3.9	4.7	19	ug/Kg
87-86-5	Pentachlorophenol	7.9	U	7.9	9.5	38	ug/Kg
85-01-8	Phenanthrene	190	D	2.9	4.7	19	ug/Kg
120-12-7	Anthracene	48	D	2.9	4.7	19	ug/Kg
206-44-0	Fluoranthene	330	ED	3.9	4.7	19	ug/Kg
129-00-0	Pyrene	260	D	2.9	4.7	19	ug/Kg
56-55-3	Benzo(a)anthracene	140	D	2.4	4.7	19	ug/Kg
218-01-9	Chrysene	130	D	2.4	4.7	19	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	D	1.2	4.7	19	ug/Kg
207-08-9	Benzo(k)fluoranthene	62	D	2.2	4.7	19	ug/Kg
50-32-8	Benzo(a)pyrene	120	D	2	4.7	19	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	59	D	4.9	4.7	19	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	19	D	5	4.7	19	ug/Kg
191-24-2	Benzo(g,h,i)perylene	65	D	5.6	4.7	19	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.835		15-120		60	SPK: -8
93951-69-0	Fluoranthene-d10	0.335		30-130		84	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.275		20-140		69	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3999		7.314			
1146-65-2	Naphthalene-d8	10287		10.058			
15067-26-2	Acenaphthene-d10	5550		13.972			

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:	E29Y6DL	SDG No.:	BN112624
Lab Sample ID:	P4872-19DL	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
BN035310.D	5	11/19/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10363	16.738				
1719-03-5	Chrysene-d12	8961	20.979				
1520-96-3	Perylene-d12	9252	23.071				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.2	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:	E29X3DL	SDG No.:	BN112624
Lab Sample ID:	P4872-03DL	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
BN035311.D	5	11/19/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.5	U	6.5	0	39	ug/Kg
91-20-3	Naphthalene	2.2	U	2.2	4.9	19	ug/Kg
90-12-0	1-Methylnaphthalene	5	U	5	4.9	19	ug/Kg
91-57-6	2-Methylnaphthalene	2	U	2	4.9	19	ug/Kg
208-96-8	Acenaphthylene	15	JD	2.8	4.9	19	ug/Kg
83-32-9	Acenaphthene	2.3	U	2.3	4.9	19	ug/Kg
86-73-7	Fluorene	6.1	JD	4	4.9	19	ug/Kg
87-86-5	Pentachlorophenol	8.2	U	8.2	9.9	39	ug/Kg
85-01-8	Phenanthrene	98	D	3	4.9	19	ug/Kg
120-12-7	Anthracene	16	JD	3.1	4.9	19	ug/Kg
206-44-0	Fluoranthene	130	D	4	4.9	19	ug/Kg
129-00-0	Pyrene	100	D	3.1	4.9	19	ug/Kg
56-55-3	Benzo(a)anthracene	45	D	2.5	4.9	19	ug/Kg
218-01-9	Chrysene	47	D	2.5	4.9	19	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	D	1.2	4.9	19	ug/Kg
207-08-9	Benzo(k)fluoranthene	20	D	2.3	4.9	19	ug/Kg
50-32-8	Benzo(a)pyrene	38	D	2.1	4.9	19	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	23	D	5.1	4.9	19	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	7.3	JD	5.2	4.9	19	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	D	5.8	4.9	19	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.64		15-120		33	SPK: -8
93951-69-0	Fluoranthene-d10	0.165		30-130		41	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.14		20-140		35	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5387		7.314			
1146-65-2	Naphthalene-d8	13813		10.058			
15067-26-2	Acenaphthene-d10	7812		13.972			

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:	E29X3DL	SDG No.:	BN112624
Lab Sample ID:	P4872-03DL	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
BN035311.D	5	11/19/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14588	16.738				
1719-03-5	Chrysene-d12	11419	20.979				
1520-96-3	Perylene-d12	13926	23.074				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.5	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:	E29X4DL	SDG No.:	BN112624
Lab Sample ID:	P4872-04DL	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
BN035312.D	5	11/19/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.3	U	6.3	0	38	ug/Kg
91-20-3	Naphthalene	2.1	U	2.1	4.7	19	ug/Kg
90-12-0	1-Methylnaphthalene	4.9	U	4.9	4.7	19	ug/Kg
91-57-6	2-Methylnaphthalene	1.9	U	1.9	4.7	19	ug/Kg
208-96-8	Acenaphthylene	15	JD	2.7	4.7	19	ug/Kg
83-32-9	Acenaphthene	2.2	U	2.2	4.7	19	ug/Kg
86-73-7	Fluorene	7.4	JD	3.9	4.7	19	ug/Kg
87-86-5	Pentachlorophenol	8	U	8	9.6	38	ug/Kg
85-01-8	Phenanthrene	68	D	2.9	4.7	19	ug/Kg
120-12-7	Anthracene	16	JD	3	4.7	19	ug/Kg
206-44-0	Fluoranthene	110	D	3.9	4.7	19	ug/Kg
129-00-0	Pyrene	91	D	3	4.7	19	ug/Kg
56-55-3	Benzo(a)anthracene	41	D	2.4	4.7	19	ug/Kg
218-01-9	Chrysene	44	D	2.4	4.7	19	ug/Kg
205-99-2	Benzo(b)fluoranthene	52	D	1.2	4.7	19	ug/Kg
207-08-9	Benzo(k)fluoranthene	19	D	2.2	4.7	19	ug/Kg
50-32-8	Benzo(a)pyrene	40	D	2.1	4.7	19	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	23	D	4.9	4.7	19	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	7.3	JD	5.1	4.7	19	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	D	5.6	4.7	19	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.13		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.175		30-130		44	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.155		20-140		39	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3505		7.314			
1146-65-2	Naphthalene-d8	8812		10.058			
15067-26-2	Acenaphthene-d10	4982		13.972			

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:	E29X4DL	SDG No.:	BN112624
Lab Sample ID:	P4872-04DL	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
BN035312.D	5	11/19/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10462	16.738				
1719-03-5	Chrysene-d12	9232	20.979				
1520-96-3	Perylene-d12	10769	23.074				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.3	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:	E29Z0DL	SDG No.:	BN112624
Lab Sample ID:	P4872-23DL	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
BN035313.D	5	11/19/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.7	U	6.7	0	41	ug/Kg
91-20-3	Naphthalene	2.2	U	2.2	5	20	ug/Kg
90-12-0	1-Methylnaphthalene	5.2	U	5.2	5	20	ug/Kg
91-57-6	2-Methylnaphthalene	2.1	U	2.1	5	20	ug/Kg
208-96-8	Acenaphthylene	15	JD	2.9	5	20	ug/Kg
83-32-9	Acenaphthene	2.4	U	2.4	5	20	ug/Kg
86-73-7	Fluorene	5.9	JD	4.1	5	20	ug/Kg
87-86-5	Pentachlorophenol	8.5	U	8.5	10.2	41	ug/Kg
85-01-8	Phenanthrene	57	D	3.1	5	20	ug/Kg
120-12-7	Anthracene	15	JD	3.2	5	20	ug/Kg
206-44-0	Fluoranthene	96	D	4.1	5	20	ug/Kg
129-00-0	Pyrene	84	D	3.2	5	20	ug/Kg
56-55-3	Benzo(a)anthracene	41	D	2.5	5	20	ug/Kg
218-01-9	Chrysene	41	D	2.5	5	20	ug/Kg
205-99-2	Benzo(b)fluoranthene	47	D	1.3	5	20	ug/Kg
207-08-9	Benzo(k)fluoranthene	18	JD	2.4	5	20	ug/Kg
50-32-8	Benzo(a)pyrene	39	D	2.2	5	20	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	22	D	5.2	5	20	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	8.1	JD	5.4	5	20	ug/Kg
191-24-2	Benzo(g,h,i)perylene	24	D	5.9	5	20	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.895		15-120		36	SPK: -8
93951-69-0	Fluoranthene-d10	0.185		30-130		46	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.14		20-140		35	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3966		7.314			
1146-65-2	Naphthalene-d8	10101		10.059			
15067-26-2	Acenaphthene-d10	5471		13.972			

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:	E29Z0DL	SDG No.:	BN112624
Lab Sample ID:	P4872-23DL	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
BN035313.D	5	11/19/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9828	16.734				
1719-03-5	Chrysene-d12	6934	20.979				
1520-96-3	Perylene-d12	8524	23.074				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.7	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:	E29Z0DL	SDG No.:	BN112624
Lab Sample ID:	P4872-23DL	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
BN035314.D	5	11/19/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.7	U	6.7	0	41	ug/Kg
91-20-3	Naphthalene	2.2	U	2.2	5	20	ug/Kg
90-12-0	1-Methylnaphthalene	5.2	U	5.2	5	20	ug/Kg
91-57-6	2-Methylnaphthalene	2.1	U	2.1	5	20	ug/Kg
208-96-8	Acenaphthylene	19	JD	2.9	5	20	ug/Kg
83-32-9	Acenaphthene	2.4	U	2.4	5	20	ug/Kg
86-73-7	Fluorene	6.7	JD	4.1	5	20	ug/Kg
87-86-5	Pentachlorophenol	8.5	U	8.5	10.2	41	ug/Kg
85-01-8	Phenanthrene	64	D	3.1	5	20	ug/Kg
120-12-7	Anthracene	17	JD	3.2	5	20	ug/Kg
206-44-0	Fluoranthene	100	D	4.1	5	20	ug/Kg
129-00-0	Pyrene	90	D	3.2	5	20	ug/Kg
56-55-3	Benzo(a)anthracene	46	D	2.5	5	20	ug/Kg
218-01-9	Chrysene	46	D	2.5	5	20	ug/Kg
205-99-2	Benzo(b)fluoranthene	57	D	1.3	5	20	ug/Kg
207-08-9	Benzo(k)fluoranthene	24	D	2.4	5	20	ug/Kg
50-32-8	Benzo(a)pyrene	50	D	2.2	5	20	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	27	D	5.2	5	20	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	7.5	JD	5.4	5	20	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	D	5.9	5	20	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.2		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.195		30-130		49	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.155		20-140		39	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3708		7.309			
1146-65-2	Naphthalene-d8	9110		10.058			
15067-26-2	Acenaphthene-d10	4724		13.972			

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:	E29Z0DL	SDG No.:	BN112624
Lab Sample ID:	P4872-23DL	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
BN035314.D	5	11/19/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8719	16.738				
1719-03-5	Chrysene-d12	6954	20.982				
1520-96-3	Perylene-d12	7684	23.074				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.7	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:	E29Y6DL	SDG No.:	BN112624
Lab Sample ID:	P4872-19DL	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
BN035315.D	5	11/19/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.2	U	6.2	0	38	ug/Kg
91-20-3	Naphthalene	2.1	U	2.1	4.7	19	ug/Kg
90-12-0	1-Methylnaphthalene	4.8	U	4.8	4.7	19	ug/Kg
91-57-6	2-Methylnaphthalene	1.9	U	1.9	4.7	19	ug/Kg
208-96-8	Acenaphthylene	44	D	2.7	4.7	19	ug/Kg
83-32-9	Acenaphthene	4.5	JD	2.2	4.7	19	ug/Kg
86-73-7	Fluorene	26	D	3.9	4.7	19	ug/Kg
87-86-5	Pentachlorophenol	7.9	U	7.9	9.5	38	ug/Kg
85-01-8	Phenanthrene	220	D	2.9	4.7	19	ug/Kg
120-12-7	Anthracene	57	D	2.9	4.7	19	ug/Kg
206-44-0	Fluoranthene	390	ED	3.9	4.7	19	ug/Kg
129-00-0	Pyrene	310	ED	2.9	4.7	19	ug/Kg
56-55-3	Benzo(a)anthracene	160	D	2.4	4.7	19	ug/Kg
218-01-9	Chrysene	150	D	2.4	4.7	19	ug/Kg
205-99-2	Benzo(b)fluoranthene	180	D	1.2	4.7	19	ug/Kg
207-08-9	Benzo(k)fluoranthene	76	D	2.2	4.7	19	ug/Kg
50-32-8	Benzo(a)pyrene	150	D	2	4.7	19	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	71	D	4.9	4.7	19	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	20	D	5	4.7	19	ug/Kg
191-24-2	Benzo(g,h,i)perylene	77	D	5.6	4.7	19	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.94		15-120		74	SPK: -8
93951-69-0	Fluoranthene-d10	0.395		30-130		99	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.315		20-140		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3749		7.314			
1146-65-2	Naphthalene-d8	9206		10.058			
15067-26-2	Acenaphthene-d10	4847		13.972			

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:	E29Y6DL	SDG No.:	BN112624
Lab Sample ID:	P4872-19DL	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
BN035315.D	5	11/19/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9462	16.734				
1719-03-5	Chrysene-d12	8425	20.979				
1520-96-3	Perylene-d12	8722	23.071				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.2	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:	E29X3DL	SDG No.:	BN112624
Lab Sample ID:	P4872-03DL	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
BN035316.D	5	11/19/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.5	U	6.5	0	39	ug/Kg
91-20-3	Naphthalene	2.2	U	2.2	4.9	19	ug/Kg
90-12-0	1-Methylnaphthalene	5	U	5	4.9	19	ug/Kg
91-57-6	2-Methylnaphthalene	2	U	2	4.9	19	ug/Kg
208-96-8	Acenaphthylene	19	D	2.8	4.9	19	ug/Kg
83-32-9	Acenaphthene	2.3	U	2.3	4.9	19	ug/Kg
86-73-7	Fluorene	7.3	JD	4	4.9	19	ug/Kg
87-86-5	Pentachlorophenol	8.2	U	8.2	9.9	39	ug/Kg
85-01-8	Phenanthrene	120	D	3	4.9	19	ug/Kg
120-12-7	Anthracene	19	D	3.1	4.9	19	ug/Kg
206-44-0	Fluoranthene	150	D	4	4.9	19	ug/Kg
129-00-0	Pyrene	120	D	3.1	4.9	19	ug/Kg
56-55-3	Benzo(a)anthracene	51	D	2.5	4.9	19	ug/Kg
218-01-9	Chrysene	56	D	2.5	4.9	19	ug/Kg
205-99-2	Benzo(b)fluoranthene	60	D	1.2	4.9	19	ug/Kg
207-08-9	Benzo(k)fluoranthene	23	D	2.3	4.9	19	ug/Kg
50-32-8	Benzo(a)pyrene	44	D	2.1	4.9	19	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	27	D	5.1	4.9	19	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	6.7	JD	5.2	4.9	19	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	D	5.8	4.9	19	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.235		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.195		30-130		49	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.155		20-140		39	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3728		7.314			
1146-65-2	Naphthalene-d8	9185		10.059			
15067-26-2	Acenaphthene-d10	4819		13.972			

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:	E29X3DL	SDG No.:	BN112624
Lab Sample ID:	P4872-03DL	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
BN035316.D	5	11/19/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9344	16.734				
1719-03-5	Chrysene-d12	7815	20.979				
1520-96-3	Perylene-d12	9610	23.071				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.5	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:	E29X4DL	SDG No.:	BN112624
Lab Sample ID:	P4872-04DL	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
BN035317.D	5	11/19/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.3	U	6.3	0	38	ug/Kg
91-20-3	Naphthalene	2.1	U	2.1	4.7	19	ug/Kg
90-12-0	1-Methylnaphthalene	4.9	U	4.9	4.7	19	ug/Kg
91-57-6	2-Methylnaphthalene	1.9	U	1.9	4.7	19	ug/Kg
208-96-8	Acenaphthylene	17	JD	2.7	4.7	19	ug/Kg
83-32-9	Acenaphthene	2.2	U	2.2	4.7	19	ug/Kg
86-73-7	Fluorene	9	JD	3.9	4.7	19	ug/Kg
87-86-5	Pentachlorophenol	8	U	8	9.6	38	ug/Kg
85-01-8	Phenanthrene	83	D	2.9	4.7	19	ug/Kg
120-12-7	Anthracene	20	D	3	4.7	19	ug/Kg
206-44-0	Fluoranthene	130	D	3.9	4.7	19	ug/Kg
129-00-0	Pyrene	110	D	3	4.7	19	ug/Kg
56-55-3	Benzo(a)anthracene	50	D	2.4	4.7	19	ug/Kg
218-01-9	Chrysene	53	D	2.4	4.7	19	ug/Kg
205-99-2	Benzo(b)fluoranthene	70	D	1.2	4.7	19	ug/Kg
207-08-9	Benzo(k)fluoranthene	24	D	2.2	4.7	19	ug/Kg
50-32-8	Benzo(a)pyrene	55	D	2.1	4.7	19	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	D	4.9	4.7	19	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	7.3	JD	5.1	4.7	19	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	D	5.6	4.7	19	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.71		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.21		30-130		52	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.175		20-140		44	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3932		7.314			
1146-65-2	Naphthalene-d8	9561		10.058			
15067-26-2	Acenaphthene-d10	5018		13.972			

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:	E29X4DL	SDG No.:	BN112624
Lab Sample ID:	P4872-04DL	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
BN035317.D	5	11/19/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9832	16.734				
1719-03-5	Chrysene-d12	8316	20.979				
1520-96-3	Perylene-d12	9030	23.071				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	SBLK261	SDG No.:	BN112624
Lab Sample ID:	PB165261BL	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
BN035319.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165261

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	5.403		15-120		68	SPK: -8
93951-69-0	Fluoranthene-d10	0.42		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.265		30-130		66	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3476	7.314				
1146-65-2	Naphthalene-d8	9327	10.058				
15067-26-2	Acenaphthene-d10	5733	13.972				

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	SBLK261	SDG No.:	BN112624
Lab Sample ID:	PB165261BL	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
BN035319.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165261

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11288	16.734				
1719-03-5	Chrysene-d12	6047	20.979				
1520-96-3	Perylene-d12	6129	23.071				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	SBLK279	SDG No.:	BN112624
Lab Sample ID:	PB165279BL	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
BN035320.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165279

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	5.331		15-120		67	SPK: -8
93951-69-0	Fluoranthene-d10	0.38		30-130		95	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.258		30-130		64	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3912	7.314				
1146-65-2	Naphthalene-d8	10217	10.058				
15067-26-2	Acenaphthene-d10	6093	13.972				

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	SBLK279	SDG No.:	BN112624
Lab Sample ID:	PB165279BL	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
BN035320.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165279

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11662	16.738				
1719-03-5	Chrysene-d12	6445	20.979				
1520-96-3	Perylene-d12	6589	23.071				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/24/2024 12:00:00 AM
Project:		Date Received:	11/24/2024 12:00:00 AM
Client Sample ID:	E1PJ2	SDG No.:	BN112624
Lab Sample ID:	P5016-01	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
BN035321.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165279

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	4.966		15-120		62	SPK: -8
93951-69-0	Fluoranthene-d10	0.496		30-130		124	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.312		30-130		78	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3741	7.314				
1146-65-2	Naphthalene-d8	10114	10.059				
15067-26-2	Acenaphthene-d10	6346	13.972				

Report of Analysis

Client:		Date Collected:	11/24/2024 12:00:00 AM
Project:		Date Received:	11/24/2024 12:00:00 AM
Client Sample ID:	E1PJ2	SDG No.:	BN112624
Lab Sample ID:	P5016-01	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
BN035321.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165279

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12775	16.734				
1719-03-5	Chrysene-d12	7179	20.976				
1520-96-3	Perylene-d12	6570	23.068				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/24/2024 12:00:00 AM
Project:		Date Received:	11/24/2024 12:00:00 AM
Client Sample ID:	E1PJ3	SDG No.:	BN112624
Lab Sample ID:	P5016-02	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		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
BN035322.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165279

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	5.56		15-120		69	SPK: -8
93951-69-0	Fluoranthene-d10	0.591	*	30-130		148	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.352		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3354		7.314			
1146-65-2	Naphthalene-d8	9181		10.058			
15067-26-2	Acenaphthene-d10	5780		13.972			

Report of Analysis

Client:		Date Collected:	11/24/2024 12:00:00 AM
Project:		Date Received:	11/24/2024 12:00:00 AM
Client Sample ID:	E1PJ3	SDG No.:	BN112624
Lab Sample ID:	P5016-02	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
BN035322.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165279

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11648	16.734				
1719-03-5	Chrysene-d12	6475	20.979				
1520-96-3	Perylene-d12	5752	23.071				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	E1PJ4	SDG No.:	BN112624
Lab Sample ID:	P5016-03	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
BN035323.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165279

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	4.314		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.491		30-130		123	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	3826	7.314				
1146-65-2	Naphthalene-d8	10354	10.059				
15067-26-2	Acenaphthene-d10	6416	13.967				

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	E1PJ4	SDG No.:	BN112624
Lab Sample ID:	P5016-03	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
BN035323.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165279

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12658	16.734				
1719-03-5	Chrysene-d12	7169	20.976				
1520-96-3	Perylene-d12	6833	23.068				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF71	SDG No.:	BN112624
Lab Sample ID:	P4996-04	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
BN035324.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165261

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	4.399		15-120		55	SPK: -8
93951-69-0	Fluoranthene-d10	0.53	*	30-130		132	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.29		30-130		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3334		7.31			
1146-65-2	Naphthalene-d8	9129		10.059			
15067-26-2	Acenaphthene-d10	5774		13.967			

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF71	SDG No.:	BN112624
Lab Sample ID:	P4996-04	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
BN035324.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165261

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11774	16.734				
1719-03-5	Chrysene-d12	6485	20.976				
1520-96-3	Perylene-d12	5803	23.068				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF72	SDG No.:	BN112624
Lab Sample ID:	P4996-05	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
BN035325.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165261

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	4.923		15-120		62	SPK: -8
93951-69-0	Fluoranthene-d10	0.548	*	30-130		137	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.279		30-130		70	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3286		7.314			
1146-65-2	Naphthalene-d8	9095		10.058			
15067-26-2	Acenaphthene-d10	5633		13.972			

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF72	SDG No.:	BN112624
Lab Sample ID:	P4996-05	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
BN035325.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165261

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11192	16.734				
1719-03-5	Chrysene-d12	6113	20.976				
1520-96-3	Perylene-d12	5859	23.068				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF73	SDG No.:	BN112624
Lab Sample ID:	P4996-06	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
BN035326.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165261

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	4.579		15-120		57	SPK: -8
93951-69-0	Fluoranthene-d10	0.484		30-130		121	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.072	*	30-130		18	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3355	7.31				
1146-65-2	Naphthalene-d8	9317	10.059				
15067-26-2	Acenaphthene-d10	7286	13.972				

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF73	SDG No.:	BN112624
Lab Sample ID:	P4996-06	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
BN035326.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165261

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12884	16.734				
1719-03-5	Chrysene-d12	8547	20.976				
1520-96-3	Perylene-d12	7147	23.068				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF74	SDG No.:	BN112624
Lab Sample ID:	P4996-07	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
BN035327.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165261

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	4.619		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.533	*	30-130		133	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.08	*	30-130		20	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3353		7.309			
1146-65-2	Naphthalene-d8	9411		10.058			
15067-26-2	Acenaphthene-d10	7143		13.972			

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF74	SDG No.:	BN112624
Lab Sample ID:	P4996-07	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
BN035327.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165261

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11241	16.734				
1719-03-5	Chrysene-d12	6345	20.979				
1520-96-3	Perylene-d12	6305	23.071				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF70	SDG No.:	BN112624
Lab Sample ID:	P4996-01	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
BN035328.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165259

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	4.564		15-120		57	SPK: -8
93951-69-0	Fluoranthene-d10	0.467		30-130		117	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.277		30-130		69	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3847	7.31				
1146-65-2	Naphthalene-d8	10662	10.059				
15067-26-2	Acenaphthene-d10	6784	13.967				

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF70	SDG No.:	BN112624
Lab Sample ID:	P4996-01	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
BN035328.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13772	16.734				
1719-03-5	Chrysene-d12	7605	20.979				
1520-96-3	Perylene-d12	6947	23.068				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF70MS	SDG No.:	BN112624
Lab Sample ID:	P4996-02MS	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
BN035329.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.63		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.28		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.28		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.27		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.32		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.32		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.31		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.7		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.36		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.33		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.47		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.45		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.37		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	0.38		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	0.37		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.38		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	0.38		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.206		15-120		26	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.471		30-130		118	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.267		30-130		67	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3624	7.31				
1146-65-2	Naphthalene-d8	9646	10.059				
15067-26-2	Acenaphthene-d10	5838	13.967				

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF70MS	SDG No.:	BN112624
Lab Sample ID:	P4996-02MS	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
BN035329.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11249	16.734				
1719-03-5	Chrysene-d12	6703	20.976				
1520-96-3	Perylene-d12	7287	23.071				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF70MSD	SDG No.:	BN112624
Lab Sample ID:	P4996-03MSD	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
BN035330.D	1	11/25/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.61		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.27		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.27		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.26		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.31		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.3		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.3		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.7		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.35		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.32		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.46		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.44		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.36		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.39		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.36		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.39		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.35		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.37		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.35		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.37		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.217		15-120		27	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.463		30-130		116	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.255		30-130		64	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3473	7.31				
1146-65-2	Naphthalene-d8	9177	10.059				
15067-26-2	Acenaphthene-d10	5537	13.967				

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF70MSD	SDG No.:	BN112624
Lab Sample ID:	P4996-03MSD	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
BN035330.D	1	11/25/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10850	16.734				
1719-03-5	Chrysene-d12	6359	20.976				
1520-96-3	Perylene-d12	6851	23.068				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	SLCS279	SDG No.:	BN112624
Lab Sample ID:	PB165279BS	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
BN035331.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165279

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.7		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.35		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.34		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.34		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.37		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.37		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.34		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.65		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.37		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.34		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	0.41		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.35		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.39		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.37		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.38		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.36		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.38		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.36		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.38		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.698		15-120		87	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.437		30-130		109	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.35		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3271	7.31				
1146-65-2	Naphthalene-d8	8419	10.059				
15067-26-2	Acenaphthene-d10	4912	13.967				

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	SLCS279	SDG No.:	BN112624
Lab Sample ID:	PB165279BS	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
BN035331.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165279

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9080	16.734				
1719-03-5	Chrysene-d12	5734	20.976				
1520-96-3	Perylene-d12	6466	23.071				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	SLCS261	SDG No.:	BN112624
Lab Sample ID:	PB165261BS	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
BN035332.D	1	11/25/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165261

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.8		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.38		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.38		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.38		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.4		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.41		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	0.69		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.4		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	0.51		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.49		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	0.43		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	0.44		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.4		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	0.4		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.42		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.74		15-120		93	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.512		30-130		128	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.379		30-130		95	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3107	7.31				
1146-65-2	Naphthalene-d8	8120	10.058				
15067-26-2	Acenaphthene-d10	4901	13.967				

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	SLCS261	SDG No.:	BN112624
Lab Sample ID:	PB165261BS	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
BN035332.D	1	11/25/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165261

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9549	16.734				
1719-03-5	Chrysene-d12	5483	20.976				
1520-96-3	Perylene-d12	5907	23.068				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	SLCS259	SDG No.:	BN112624
Lab Sample ID:	PB165259BS	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
BN035333.D	1	11/25/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.5		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.31		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.31		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.31		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.33		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.33		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.32		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.56		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.32		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.3		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.44		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	0.32		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.35		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.34		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.35		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.33		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.33		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.32		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.34		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.585		15-120		73	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.442		30-130		111	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.308		30-130		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3228	7.31				
1146-65-2	Naphthalene-d8	8458	10.059				
15067-26-2	Acenaphthene-d10	5227	13.967				

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	SLCS259	SDG No.:	BN112624
Lab Sample ID:	PB165259BS	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
BN035333.D	1	11/25/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10658	16.734				
1719-03-5	Chrysene-d12	5932	20.976				
1520-96-3	Perylene-d12	6177	23.068				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	SBLK259	SDG No.:	BN112624
Lab Sample ID:	PB165259BL	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
BN035335.D	1	11/25/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165259

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	5.117		15-120		64	SPK: -8
93951-69-0	Fluoranthene-d10	0.393		30-130		98	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.252		30-130		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3705	7.31				
1146-65-2	Naphthalene-d8	9886	10.059				
15067-26-2	Acenaphthene-d10	6161	13.967				

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	SBLK259	SDG No.:	BN112624
Lab Sample ID:	PB165259BL	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
BN035335.D	1	11/25/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12035	16.734				
1719-03-5	Chrysene-d12	6396	20.976				
1520-96-3	Perylene-d12	6410	23.071				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	SBLK232	SDG No.:	BN112624
Lab Sample ID:	PB165232BL	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
BN035336.D	1	11/25/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165232

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	6.192		15-120		77	SPK: -8
93951-69-0	Fluoranthene-d10	0.459		30-130		115	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.328		30-130		82	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5190	7.31				
1146-65-2	Naphthalene-d8	13820	10.059				
15067-26-2	Acenaphthene-d10	8553	13.967				

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	SBLK232	SDG No.:	BN112624
Lab Sample ID:	PB165232BL	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
BN035336.D	1	11/25/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165232

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16605	16.734				
1719-03-5	Chrysene-d12	9388	20.976				
1520-96-3	Perylene-d12	9950	23.071				
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:	E2A11	SDG No.:	BN112624
Lab Sample ID:	P4895-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.7
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
BN035337.D	1	11/22/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165213

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	U	1.4	0	8.4	ug/Kg
91-20-3	Naphthalene	0.47	U	0.47	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	1.1	U	1.1	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	0.43	U	0.43	1	4.1	ug/Kg
208-96-8	Acenaphthylene	7.8		0.59	1	4.1	ug/Kg
83-32-9	Acenaphthene	1.3	J	0.49	1	4.1	ug/Kg
86-73-7	Fluorene	3.5	J	0.85	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	1.8	U	1.8	2.1	8.4	ug/Kg
85-01-8	Phenanthrene	34		0.64	1	4.1	ug/Kg
120-12-7	Anthracene	10		0.65	1	4.1	ug/Kg
206-44-0	Fluoranthene	91	E	0.85	1	4.1	ug/Kg
129-00-0	Pyrene	70	E	0.65	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	33		0.53	1	4.1	ug/Kg
218-01-9	Chrysene	33		0.53	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	44		0.26	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	17		0.49	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	35		0.45	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	19		1.1	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5.4		1.1	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	23		1.2	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.022		15-120		25	SPK: -8
93951-69-0	Fluoranthene-d10	0.239		30-130		60	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.13		20-140		32	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3873		7.309			
1146-65-2	Naphthalene-d8	10230		10.058			
15067-26-2	Acenaphthene-d10	6387		13.967			

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:	E2A11	SDG No.:	BN112624
Lab Sample ID:	P4895-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.7
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
BN035337.D	1	11/22/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165213

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12463	16.734				
1719-03-5	Chrysene-d12	7993	20.976				
1520-96-3	Perylene-d12	8049	23.068				
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:	E2A12	SDG No.:	BN112624
Lab Sample ID:	P4895-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.4
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
BN035338.D	1	11/22/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165213

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	0.97	J	0.45	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	1.5	J	1	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	2	J	0.41	1	4	ug/Kg
208-96-8	Acenaphthylene	19		0.57	1	4	ug/Kg
83-32-9	Acenaphthene	13		0.47	1	4	ug/Kg
86-73-7	Fluorene	17		0.82	1	4	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2	8.1	ug/Kg
85-01-8	Phenanthrene	160	E	0.62	1	4	ug/Kg
120-12-7	Anthracene	34		0.63	1	4	ug/Kg
206-44-0	Fluoranthene	330	E	0.82	1	4	ug/Kg
129-00-0	Pyrene	250	E	0.63	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	100	E	0.51	1	4	ug/Kg
218-01-9	Chrysene	100	E	0.51	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	E	0.25	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	51		0.47	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	110	E	0.44	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53		1	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	15		1.1	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	67	E	1.2	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.707		15-120		34	SPK: -8
93951-69-0	Fluoranthene-d10	0.344		30-130		86	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.202		20-140		50	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3847		7.31			
1146-65-2	Naphthalene-d8	10847		10.053			
15067-26-2	Acenaphthene-d10	7092		13.967			

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:	E2A12	SDG No.:	BN112624
Lab Sample ID:	P4895-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.4
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
BN035338.D	1	11/22/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165213

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14749	16.734				
1719-03-5	Chrysene-d12	9308	20.976				
1520-96-3	Perylene-d12	7904	23.068				
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:	E2A12MS	SDG No.:	BN112624
Lab Sample ID:	P4895-04MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.4
Sample Wt/Vol:	30.06	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
BN035339.D	1	11/22/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165213

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34		1.3	0	8.1	ug/Kg
91-20-3	Naphthalene	9.1		0.45	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	9.4		1	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	9.2		0.41	1	4	ug/Kg
208-96-8	Acenaphthylene	13		0.57	1	4	ug/Kg
83-32-9	Acenaphthene	10		0.47	1	4	ug/Kg
86-73-7	Fluorene	10		0.82	1	4	ug/Kg
87-86-5	Pentachlorophenol	4.3	J	1.7	2	8.1	ug/Kg
85-01-8	Phenanthrene	22		0.62	1	4	ug/Kg
120-12-7	Anthracene	13		0.63	1	4	ug/Kg
206-44-0	Fluoranthene	60		0.82	1	4	ug/Kg
129-00-0	Pyrene	49		0.63	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	27		0.51	1	4	ug/Kg
218-01-9	Chrysene	27		0.51	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	31		0.25	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	19		0.47	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	26		0.43	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	20		1	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	13		1.1	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	22		1.2	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.338		15-120		42	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.353		30-130		88	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.228		20-140		57	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4005		7.31			
1146-65-2	Naphthalene-d8	11212		10.059			
15067-26-2	Acenaphthene-d10	7096		13.967			

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:	E2A12MS	SDG No.:	BN112624
Lab Sample ID:	P4895-04MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.4
Sample Wt/Vol:	30.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035339.D	1	11/22/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165213

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14289	16.734				
1719-03-5	Chrysene-d12	8579	20.976				
1520-96-3	Perylene-d12	8881	23.068				
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:	E2A12MSD	SDG No.:	BN112624
Lab Sample ID:	P4895-05MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.4
Sample Wt/Vol:	30.08 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035340.D	1	11/22/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165213

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	35		1.3	0	8.1	ug/Kg
91-20-3	Naphthalene	8.6		0.45	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	8.3		1	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	8.3		0.41	1	4	ug/Kg
208-96-8	Acenaphthylene	13		0.57	1	4	ug/Kg
83-32-9	Acenaphthene	9.6		0.47	1	4	ug/Kg
86-73-7	Fluorene	9.5		0.82	1	4	ug/Kg
87-86-5	Pentachlorophenol	3.8	J	1.7	2	8.1	ug/Kg
85-01-8	Phenanthrene	20		0.62	1	4	ug/Kg
120-12-7	Anthracene	12		0.63	1	4	ug/Kg
206-44-0	Fluoranthene	44		0.82	1	4	ug/Kg
129-00-0	Pyrene	37		0.63	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	25		0.51	1	4	ug/Kg
218-01-9	Chrysene	26		0.51	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	30		0.25	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	18		0.47	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	24		0.43	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	19		1	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	12		1.1	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	21		1.2	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.323		15-120		40	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.253		30-130		63	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.203		20-140		51	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3758		7.309			
1146-65-2	Naphthalene-d8	9492		10.058			
15067-26-2	Acenaphthene-d10	5321		13.967			

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:	E2A12MSD	SDG No.:	BN112624
Lab Sample ID:	P4895-05MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.4
Sample Wt/Vol:	30.08 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035340.D	1	11/22/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165213

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10741	16.734				
1719-03-5	Chrysene-d12	9453	20.973				
1520-96-3	Perylene-d12	10606	23.065				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

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:	SLCS213	SDG No.:	BN112624
Lab Sample ID:	PB165213BS	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
BN035341.D	1	11/22/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165213

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	53		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	11		0.85	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	11		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	12		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	21		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	12		0.42	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	12		0.21	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	12		0.39	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	12		0.36	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	12		0.86	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	11		0.89	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	12		0.98	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.616		15-120		77	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.388		30-130		97	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.324		20-140		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3995	7.309				
1146-65-2	Naphthalene-d8	10670	10.058				
15067-26-2	Acenaphthene-d10	6180	13.967				

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:	SLCS213	SDG No.:	BN112624
Lab Sample ID:	PB165213BS	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
BN035341.D	1	11/22/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165213

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11369	16.734				
1719-03-5	Chrysene-d12	7356	20.976				
1520-96-3	Perylene-d12	8190	23.068				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN112624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : E29X3DL								
P4872-03DL	E29X3DL	Solid	Total Alkanes	*	0.000	D 6.5	39	ug/Kg
P4872-03DL	E29X3DL	Solid	Total Alkanes	*	0.000	D 6.5	39	ug/Kg
Total Tics :				0.00				
P4872-03DL	E29X3DL	Solid	Acenaphthylene	15.000	JD	2.8	19	ug/Kg
P4872-03DL	E29X3DL	Solid	Anthracene	16.000	JD	3.1	19	ug/Kg
P4872-03DL	E29X3DL	Solid	Benzo(a)anthracene	45.000	D	2.5	19	ug/Kg
P4872-03DL	E29X3DL	Solid	Benzo(a)pyrene	38.000	D	2.1	19	ug/Kg
P4872-03DL	E29X3DL	Solid	Benzo(b)fluoranthene	50.000	D	1.2	19	ug/Kg
P4872-03DL	E29X3DL	Solid	Benzo(g,h,i)perylene	26.000	D	5.8	19	ug/Kg
P4872-03DL	E29X3DL	Solid	Benzo(k)fluoranthene	20.000	D	2.3	19	ug/Kg
P4872-03DL	E29X3DL	Solid	Chrysene	47.000	D	2.5	19	ug/Kg
P4872-03DL	E29X3DL	Solid	Dibenzo(a,h)anthracene	7.300	JD	5.2	19	ug/Kg
P4872-03DL	E29X3DL	Solid	Fluoranthene	130.000	D	4	19	ug/Kg
P4872-03DL	E29X3DL	Solid	Fluorene	6.100	JD	4	19	ug/Kg
P4872-03DL	E29X3DL	Solid	Indeno(1,2,3-cd)pyrene	23.000	D	5.1	19	ug/Kg
P4872-03DL	E29X3DL	Solid	Phenanthrene	98.000	D	3	19	ug/Kg
P4872-03DL	E29X3DL	Solid	Pyrene	100.000	D	3.1	19	ug/Kg
P4872-03DL	E29X3DL	Solid	Acenaphthylene	19.000	D	2.8	19	ug/Kg
P4872-03DL	E29X3DL	Solid	Anthracene	19.000	D	3.1	19	ug/Kg
P4872-03DL	E29X3DL	Solid	Benzo(a)anthracene	51.000	D	2.5	19	ug/Kg
P4872-03DL	E29X3DL	Solid	Benzo(a)pyrene	44.000	D	2.1	19	ug/Kg
P4872-03DL	E29X3DL	Solid	Benzo(b)fluoranthene	60.000	D	1.2	19	ug/Kg
P4872-03DL	E29X3DL	Solid	Benzo(g,h,i)perylene	30.000	D	5.8	19	ug/Kg
P4872-03DL	E29X3DL	Solid	Benzo(k)fluoranthene	23.000	D	2.3	19	ug/Kg
P4872-03DL	E29X3DL	Solid	Chrysene	56.000	D	2.5	19	ug/Kg
P4872-03DL	E29X3DL	Solid	Dibenzo(a,h)anthracene	6.700	JD	5.2	19	ug/Kg
P4872-03DL	E29X3DL	Solid	Fluoranthene	150.000	D	4	19	ug/Kg
P4872-03DL	E29X3DL	Solid	Fluorene	7.300	JD	4	19	ug/Kg
P4872-03DL	E29X3DL	Solid	Indeno(1,2,3-cd)pyrene	27.000	D	5.1	19	ug/Kg
P4872-03DL	E29X3DL	Solid	Phenanthrene	120.000	D	3	19	ug/Kg
P4872-03DL	E29X3DL	Solid	Pyrene	120.000	D	3.1	19	ug/Kg
Total Svoc :				1,354.40				
Total Concentration:				1,354.40				
Client ID : E29X4DL								
P4872-04DL	E29X4DL	Solid	Total Alkanes	*	0.000	D 6.3	38	ug/Kg
P4872-04DL	E29X4DL	Solid	Total Alkanes	*	0.000	D 6.3	38	ug/Kg
Total Tics :				0.00				

Hit Summary Sheet SW-846

SDG No.: BN112624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4872-04DL	E29X4DL	Solid	Acenaphthylene	15.000	JD	2.7	19	ug/Kg
P4872-04DL	E29X4DL	Solid	Anthracene	16.000	JD	3	19	ug/Kg
P4872-04DL	E29X4DL	Solid	Benzo(a)anthracene	41.000	D	2.4	19	ug/Kg
P4872-04DL	E29X4DL	Solid	Benzo(a)pyrene	40.000	D	2.1	19	ug/Kg
P4872-04DL	E29X4DL	Solid	Benzo(b)fluoranthene	52.000	D	1.2	19	ug/Kg
P4872-04DL	E29X4DL	Solid	Benzo(g,h,i)perylene	26.000	D	5.6	19	ug/Kg
P4872-04DL	E29X4DL	Solid	Benzo(k)fluoranthene	19.000	D	2.2	19	ug/Kg
P4872-04DL	E29X4DL	Solid	Chrysene	44.000	D	2.4	19	ug/Kg
P4872-04DL	E29X4DL	Solid	Dibenzo(a,h)anthracene	7.300	JD	5.1	19	ug/Kg
P4872-04DL	E29X4DL	Solid	Fluoranthene	110.000	D	3.9	19	ug/Kg
P4872-04DL	E29X4DL	Solid	Fluorene	7.400	JD	3.9	19	ug/Kg
P4872-04DL	E29X4DL	Solid	Indeno(1,2,3-cd)pyrene	23.000	D	4.9	19	ug/Kg
P4872-04DL	E29X4DL	Solid	Phenanthrene	68.000	D	2.9	19	ug/Kg
P4872-04DL	E29X4DL	Solid	Pyrene	91.000	D	3	19	ug/Kg
P4872-04DL	E29X4DL	Solid	Acenaphthylene	17.000	JD	2.7	19	ug/Kg
P4872-04DL	E29X4DL	Solid	Anthracene	20.000	D	3	19	ug/Kg
P4872-04DL	E29X4DL	Solid	Benzo(a)anthracene	50.000	D	2.4	19	ug/Kg
P4872-04DL	E29X4DL	Solid	Benzo(a)pyrene	55.000	D	2.1	19	ug/Kg
P4872-04DL	E29X4DL	Solid	Benzo(b)fluoranthene	70.000	D	1.2	19	ug/Kg
P4872-04DL	E29X4DL	Solid	Benzo(g,h,i)perylene	35.000	D	5.6	19	ug/Kg
P4872-04DL	E29X4DL	Solid	Benzo(k)fluoranthene	24.000	D	2.2	19	ug/Kg
P4872-04DL	E29X4DL	Solid	Chrysene	53.000	D	2.4	19	ug/Kg
P4872-04DL	E29X4DL	Solid	Dibenzo(a,h)anthracene	7.300	JD	5.1	19	ug/Kg
P4872-04DL	E29X4DL	Solid	Fluoranthene	130.000	D	3.9	19	ug/Kg
P4872-04DL	E29X4DL	Solid	Fluorene	9.000	JD	3.9	19	ug/Kg
P4872-04DL	E29X4DL	Solid	Indeno(1,2,3-cd)pyrene	31.000	D	4.9	19	ug/Kg
P4872-04DL	E29X4DL	Solid	Phenanthrene	83.000	D	2.9	19	ug/Kg
P4872-04DL	E29X4DL	Solid	Pyrene	110.000	D	3	19	ug/Kg

Total Svoc : 1,254.00
Total Concentration: 1,254.00

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		6.700	0.56	3.9	ug/Kg
P4872-17	E29Y4	Solid	Anthracene		6.200	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		28.000	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		19.000	1.2	3.9	ug/Kg
P4872-17	E29Y4	Solid	Benzo(k)fluoranthene		12.000	0.47	3.9	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN112624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4872-17	E29Y4	Solid	Chrysene	21.000		0.5	3.9	ug/Kg
P4872-17	E29Y4	Solid	Dibenzo(a,h)anthracene	3.800	J	1.1	3.9	ug/Kg
P4872-17	E29Y4	Solid	Fluoranthene	43.000		0.81	3.9	ug/Kg
P4872-17	E29Y4	Solid	Fluorene	2.200	J	0.81	3.9	ug/Kg
P4872-17	E29Y4	Solid	Indeno(1,2,3-cd)pyrene	15.000		1	3.9	ug/Kg
P4872-17	E29Y4	Solid	Naphthalene	1.000	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	37.000		0.62	3.9	ug/Kg

Total Svoc :

266.90

Total Concentration:

266.90

Client ID : E29Y6DL

P4872-19DL	E29Y6DL	Solid	Total Alkanes	*	0.000	D	6.2	38	ug/Kg
P4872-19DL	E29Y6DL	Solid	Total Alkanes	*	0.000	D	6.2	38	ug/Kg

Total Tics :

0.00

P4872-19DL	E29Y6DL	Solid	Acenaphthene		4.000	JD	2.2	19	ug/Kg
P4872-19DL	E29Y6DL	Solid	Acenaphthylene		34.000	D	2.7	19	ug/Kg
P4872-19DL	E29Y6DL	Solid	Anthracene		48.000	D	2.9	19	ug/Kg
P4872-19DL	E29Y6DL	Solid	Benzo(a)anthracene		140.000	D	2.4	19	ug/Kg
P4872-19DL	E29Y6DL	Solid	Benzo(a)pyrene		120.000	D	2	19	ug/Kg
P4872-19DL	E29Y6DL	Solid	Benzo(b)fluoranthene		160.000	D	1.2	19	ug/Kg
P4872-19DL	E29Y6DL	Solid	Benzo(g,h,i)perylene		65.000	D	5.6	19	ug/Kg
P4872-19DL	E29Y6DL	Solid	Benzo(k)fluoranthene		62.000	D	2.2	19	ug/Kg
P4872-19DL	E29Y6DL	Solid	Chrysene		130.000	D	2.4	19	ug/Kg
P4872-19DL	E29Y6DL	Solid	Dibenzo(a,h)anthracene		19.000	D	5	19	ug/Kg
P4872-19DL	E29Y6DL	Solid	Fluoranthene		330.000	ED	3.9	19	ug/Kg
P4872-19DL	E29Y6DL	Solid	Fluorene		21.000	D	3.9	19	ug/Kg
P4872-19DL	E29Y6DL	Solid	Indeno(1,2,3-cd)pyrene		59.000	D	4.9	19	ug/Kg
P4872-19DL	E29Y6DL	Solid	Phenanthrene		190.000	D	2.9	19	ug/Kg
P4872-19DL	E29Y6DL	Solid	Pyrene		260.000	D	2.9	19	ug/Kg
P4872-19DL	E29Y6DL	Solid	Acenaphthene		4.500	JD	2.2	19	ug/Kg
P4872-19DL	E29Y6DL	Solid	Acenaphthylene		44.000	D	2.7	19	ug/Kg
P4872-19DL	E29Y6DL	Solid	Anthracene		57.000	D	2.9	19	ug/Kg
P4872-19DL	E29Y6DL	Solid	Benzo(a)anthracene		160.000	D	2.4	19	ug/Kg
P4872-19DL	E29Y6DL	Solid	Benzo(a)pyrene		150.000	D	2	19	ug/Kg
P4872-19DL	E29Y6DL	Solid	Benzo(b)fluoranthene		180.000	D	1.2	19	ug/Kg
P4872-19DL	E29Y6DL	Solid	Benzo(g,h,i)perylene		77.000	D	5.6	19	ug/Kg
P4872-19DL	E29Y6DL	Solid	Benzo(k)fluoranthene		76.000	D	2.2	19	ug/Kg
P4872-19DL	E29Y6DL	Solid	Chrysene		150.000	D	2.4	19	ug/Kg
P4872-19DL	E29Y6DL	Solid	Dibenzo(a,h)anthracene		20.000	D	5	19	ug/Kg
P4872-19DL	E29Y6DL	Solid	Fluoranthene		390.000	ED	3.9	19	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN112624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4872-19DL	E29Y6DL	Solid	Fluorene	26.000	D	3.9	19	ug/Kg
P4872-19DL	E29Y6DL	Solid	Indeno(1,2,3-cd)pyrene	71.000	D	4.9	19	ug/Kg
P4872-19DL	E29Y6DL	Solid	Phenanthrene	220.000	D	2.9	19	ug/Kg
P4872-19DL	E29Y6DL	Solid	Pyrene	310.000	ED	2.9	19	ug/Kg
Total Svoc :				3,577.50				
Total Concentration:				3,577.50				
Client ID : E29Z0DL								
P4872-23DL	E29Z0DL	Solid	Total Alkanes	*	0.000	D	6.7	41 ug/Kg
P4872-23DL	E29Z0DL	Solid	Total Alkanes	*	0.000	D	6.7	41 ug/Kg
Total Tics :				0.00				
P4872-23DL	E29Z0DL	Solid	Acenaphthylene	15.000	JD	2.9	20	ug/Kg
P4872-23DL	E29Z0DL	Solid	Anthracene	15.000	JD	3.2	20	ug/Kg
P4872-23DL	E29Z0DL	Solid	Benzo(a)anthracene	41.000	D	2.5	20	ug/Kg
P4872-23DL	E29Z0DL	Solid	Benzo(a)pyrene	39.000	D	2.2	20	ug/Kg
P4872-23DL	E29Z0DL	Solid	Benzo(b)fluoranthene	47.000	D	1.3	20	ug/Kg
P4872-23DL	E29Z0DL	Solid	Benzo(g,h,i)perylene	24.000	D	5.9	20	ug/Kg
P4872-23DL	E29Z0DL	Solid	Benzo(k)fluoranthene	18.000	JD	2.4	20	ug/Kg
P4872-23DL	E29Z0DL	Solid	Chrysene	41.000	D	2.5	20	ug/Kg
P4872-23DL	E29Z0DL	Solid	Dibenzo(a,h)anthracene	8.100	JD	5.4	20	ug/Kg
P4872-23DL	E29Z0DL	Solid	Fluoranthene	96.000	D	4.1	20	ug/Kg
P4872-23DL	E29Z0DL	Solid	Fluorene	5.900	JD	4.1	20	ug/Kg
P4872-23DL	E29Z0DL	Solid	Indeno(1,2,3-cd)pyrene	22.000	D	5.2	20	ug/Kg
P4872-23DL	E29Z0DL	Solid	Phenanthrene	57.000	D	3.1	20	ug/Kg
P4872-23DL	E29Z0DL	Solid	Pyrene	84.000	D	3.2	20	ug/Kg
P4872-23DL	E29Z0DL	Solid	Acenaphthylene	19.000	JD	2.9	20	ug/Kg
P4872-23DL	E29Z0DL	Solid	Anthracene	17.000	JD	3.2	20	ug/Kg
P4872-23DL	E29Z0DL	Solid	Benzo(a)anthracene	46.000	D	2.5	20	ug/Kg
P4872-23DL	E29Z0DL	Solid	Benzo(a)pyrene	50.000	D	2.2	20	ug/Kg
P4872-23DL	E29Z0DL	Solid	Benzo(b)fluoranthene	57.000	D	1.3	20	ug/Kg
P4872-23DL	E29Z0DL	Solid	Benzo(g,h,i)perylene	30.000	D	5.9	20	ug/Kg
P4872-23DL	E29Z0DL	Solid	Benzo(k)fluoranthene	24.000	D	2.4	20	ug/Kg
P4872-23DL	E29Z0DL	Solid	Chrysene	46.000	D	2.5	20	ug/Kg
P4872-23DL	E29Z0DL	Solid	Dibenzo(a,h)anthracene	7.500	JD	5.4	20	ug/Kg
P4872-23DL	E29Z0DL	Solid	Fluoranthene	100.000	D	4.1	20	ug/Kg
P4872-23DL	E29Z0DL	Solid	Fluorene	6.700	JD	4.1	20	ug/Kg
P4872-23DL	E29Z0DL	Solid	Indeno(1,2,3-cd)pyrene	27.000	D	5.2	20	ug/Kg
P4872-23DL	E29Z0DL	Solid	Phenanthrene	64.000	D	3.1	20	ug/Kg
P4872-23DL	E29Z0DL	Solid	Pyrene	90.000	D	3.2	20	ug/Kg
Total Svoc :				1,097.20				

Hit Summary Sheet SW-846

SDG No.: BN112624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				1,097.20				
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 : E2A11								
P4895-01	E2A11	Solid	Total Alkanes	*	0.000	1.4	8.4	ug/Kg
Total Tics :				0.00				
P4895-01	E2A11	Solid	Acenaphthene		1.300	J 0.49	4.1	ug/Kg
P4895-01	E2A11	Solid	Acenaphthylene		7.800	0.59	4.1	ug/Kg
P4895-01	E2A11	Solid	Anthracene		10.000	0.65	4.1	ug/Kg
P4895-01	E2A11	Solid	Benzo(a)anthracene		33.000	0.53	4.1	ug/Kg
P4895-01	E2A11	Solid	Benzo(a)pyrene		35.000	0.45	4.1	ug/Kg
P4895-01	E2A11	Solid	Benzo(b)fluoranthene		44.000	0.26	4.1	ug/Kg
P4895-01	E2A11	Solid	Benzo(g,h,i)perylene		23.000	1.2	4.1	ug/Kg
P4895-01	E2A11	Solid	Benzo(k)fluoranthene		17.000	0.49	4.1	ug/Kg
P4895-01	E2A11	Solid	Chrysene		33.000	0.53	4.1	ug/Kg
P4895-01	E2A11	Solid	Dibenzo(a,h)anthracene		5.400	1.1	4.1	ug/Kg
P4895-01	E2A11	Solid	Fluoranthene		91.000	E 0.85	4.1	ug/Kg
P4895-01	E2A11	Solid	Fluorene		3.500	J 0.85	4.1	ug/Kg
P4895-01	E2A11	Solid	Indeno(1,2,3-cd)pyrene		19.000	1.1	4.1	ug/Kg
P4895-01	E2A11	Solid	Phenanthrene		34.000	0.64	4.1	ug/Kg
P4895-01	E2A11	Solid	Pyrene		70.000	E 0.65	4.1	ug/Kg
Total Svoc :				427.00				
Total Concentration:				427.00				
Client ID : E2A12								
P4895-02	E2A12	Solid	Total Alkanes	*	0.000	1.3	8.1	ug/Kg
Total Tics :				0.00				
P4895-02	E2A12	Solid	1-Methylnaphthalene		1.500	J 1	4	ug/Kg
P4895-02	E2A12	Solid	2-Methylnaphthalene		2.000	J 0.41	4	ug/Kg
P4895-02	E2A12	Solid	Acenaphthene		13.000	0.47	4	ug/Kg
P4895-02	E2A12	Solid	Acenaphthylene		19.000	0.57	4	ug/Kg
P4895-02	E2A12	Solid	Anthracene		34.000	0.63	4	ug/Kg
P4895-02	E2A12	Solid	Benzo(a)anthracene		100.000	E 0.51	4	ug/Kg
P4895-02	E2A12	Solid	Benzo(a)pyrene		110.000	E 0.44	4	ug/Kg
P4895-02	E2A12	Solid	Benzo(b)fluoranthene		140.000	E 0.25	4	ug/Kg
P4895-02	E2A12	Solid	Benzo(g,h,i)perylene		67.000	E 1.2	4	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN112624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4895-02	E2A12	Solid	Benzo(k)fluoranthene	51.000		0.47	4	ug/Kg
P4895-02	E2A12	Solid	Chrysene	100.000	E	0.51	4	ug/Kg
P4895-02	E2A12	Solid	Dibenzo(a,h)anthracene	15.000		1.1	4	ug/Kg
P4895-02	E2A12	Solid	Fluoranthene	330.000	E	0.82	4	ug/Kg
P4895-02	E2A12	Solid	Fluorene	17.000		0.82	4	ug/Kg
P4895-02	E2A12	Solid	Indeno(1,2,3-cd)pyrene	53.000		1	4	ug/Kg
P4895-02	E2A12	Solid	Naphthalene	0.970	J	0.45	4	ug/Kg
P4895-02	E2A12	Solid	Phenanthrene	160.000	E	0.62	4	ug/Kg
P4895-02	E2A12	Solid	Pyrene	250.000	E	0.63	4	ug/Kg
Total Svoc :				1,463.47				
Total Concentration:				1,463.47				
Client ID :	E1PJ0							
P4965-03	E1PJ0	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID :	BHF70							
P4996-01	BHF70	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID :	BHF71							
P4996-04	BHF71	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID :	BHF72							
P4996-05	BHF72	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID :	BHF73							
P4996-06	BHF73	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID :	BHF74							
P4996-07	BHF74	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID :	E1PJ2							
P5016-01	E1PJ2	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :				0.00				

Hit Summary Sheet
SW-846

SDG No.: BN112624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:			0.00		
Client ID :	E1PJ3							
P5016-02	E1PJ3	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E1PJ4							
P5016-03	E1PJ4	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.: BN112624 SAS No.: BN112624 SDG NO.: BN112624

EPA Sample No.: SSTD0.4225

Date Analyzed: Nov 26 2024 12:00AM

Lab File ID: BN035136.D

Time Analyzed: 05:44

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	SBLK232	3181	7.31	7651	10.06	4192	13.97
02	E1PJ0	3189	7.31	8125	10.06	4852	13.97
03	SLCS232	2937	7.31	7102	10.06	3820	13.97
04	SBLK213	2821	7.31	6978	10.06	3863	13.97
05	E2A24	2861	7.31	6920	10.06	3919	13.97
06	E29Y4	3337	7.31	8210	10.06	4570	13.97
07	E29Y6DL	3999	7.31	10287	10.06	5550	13.97
08	E29X3DL	5387 *	7.31	13813 *	10.06	7812	13.97
09	E29X4DL	3505	7.31	8812	10.06	4982	13.97
10	E29Z0DL	3966	7.31	10101	10.06	5471	13.97
11	E29Z0DL	3708	7.31	9110	10.06	4724	13.97
12	E29Y6DL	3749	7.31	9206	10.06	4847	13.97
13	E29X3DL	3728	7.31	9185	10.06	4819	13.97
14	E29X4DL	3932	7.31	9561	10.06	5018	13.97
15	SBLK261	3476	7.31	9327	10.06	5733	13.97
16	SBLK279	3912	7.31	10217	10.06	6093	13.97
17	E1PJ2	3741	7.31	10114	10.06	6346	13.97
18	E1PJ3	3354	7.31	9181	10.06	5780	13.97
19	E1PJ4	3826	7.31	10354	10.06	6416	13.97
20	BHF71	3334	7.31	9129	10.06	5774	13.97
21	BHF72	3286	7.31	9095	10.06	5633	13.97
22	BHF73	3355	7.31	9317	10.06	7286	13.97
23	BHF74	3353	7.31	9411	10.06	7143	13.97

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN112624 SAS No.: BN112624 SDG NO.: BN112624

EPA Sample No.: SSTD0.4225 Date Analyzed: Nov 26 2024 12:00AM

Lab File ID: BN035136.D Time Analyzed: 23:06

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 BHF70	3847	7.31	10662	10.06	6784	13.97
25 BHF70MS	3624	7.31	9646	10.06	5838	13.97
26 BHF70MSD	3473	7.31	9177	10.06	5537	13.97
27 SLCS279	3271	7.31	8419	10.06	4912	13.97
28 SLCS261	3107	7.31	8120	10.06	4901	13.97
29 SLCS259	3228	7.31	8458	10.06	5227	13.97
30 SBLK259	3705	7.31	9886	10.06	6161	13.97
31 SBLK232	5190 *	7.31	13820 *	10.06	8553 *	13.97
32 E2A11	3873	7.31	10230	10.06	6387	13.97
33 E2A12	3847	7.31	10847	10.05	7092	13.97
34 E2A12MS	4005	7.31	11212	10.06	7096	13.97
35 E2A12MSD	3758	7.31	9492	10.06	5321	13.97
36 SLCS213	3995	7.31	10670	10.06	6180	13.97

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.: BN112624 SAS No.: BN112624 SDG NO.: BN112624

EPA Sample No.: SSTD0.4351 Date Analyzed: Nov 26 2024 12:00AM

Lab File ID: BN035302.D Time Analyzed: 05:44

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	2859	7.314	6576	10.06	3523	13.97
UPPER LIMIT	5718	7.814	13152	10.564	7046	14.472
LOWER LIMIT	1429.5	6.814	3288	9.564	1761.5	13.472
EPA SAMPLE NO.						
01 SBLK232	3181	7.31	7651	10.06	4192	13.97
02 E1PJ0	3189	7.31	8125	10.06	4852	13.97
03 SLCS232	2937	7.31	7102	10.06	3820	13.97

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.: BN112624 SAS No.: BN112624 SDG NO.: BN112624

EPA Sample No.: SSTD0.4352 Date Analyzed: Nov 26 2024 12:00AM

Lab File ID: BN035306.D Time Analyzed: 09:13

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	2932	7.314	6911	10.06	3728	13.97
UPPER LIMIT	5864	7.814	13822	10.558	7456	14.472
LOWER LIMIT	1466	6.814	3455.5	9.558	1864	13.472
EPA SAMPLE NO.						
01 SBLK213	2821	7.31	6978	10.06	3863	13.97
02 E2A24	2861	7.31	6920	10.06	3919	13.97
03 E29Y4	3337	7.31	8210	10.06	4570	13.97
04 E29Y6DL	3999	7.31	10287	10.06	5550	13.97
05 E29X3DL	5387	7.31	13813	10.06	7812 *	13.97
06 E29X4DL	3505	7.31	8812	10.06	4982	13.97
07 E29Z0DL	3966	7.31	10101	10.06	5471	13.97
08 E29Z0DL	3708	7.31	9110	10.06	4724	13.97
09 E29Y6DL	3749	7.31	9206	10.06	4847	13.97
10 E29X3DL	3728	7.31	9185	10.06	4819	13.97
11 E29X4DL	3932	7.31	9561	10.06	5018	13.97

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.: BN112624 SAS No.: BN112624 SDG NO.: BN112624

EPA Sample No.: SSTD0.4353 Date Analyzed: Nov 26 2024 12:00AM

Lab File ID: BN035318.D Time Analyzed: 17:43

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	3358	7.314	8647	10.06	4975	13.97
	UPPER LIMIT	6716	7.814	17294	10.558	9950	14.472
	LOWER LIMIT	1679	6.814	4323.5	9.558	2487.5	13.472
	EPA SAMPLE NO.						
01	SBLK261	3476	7.31	9327	10.06	5733	13.97
02	SBLK279	3912	7.31	10217	10.06	6093	13.97
03	E1PJ2	3741	7.31	10114	10.06	6346	13.97
04	E1PJ3	3354	7.31	9181	10.06	5780	13.97
05	E1PJ4	3826	7.31	10354	10.06	6416	13.97
06	BHF71	3334	7.31	9129	10.06	5774	13.97
07	BHF72	3286	7.31	9095	10.06	5633	13.97
08	BHF73	3355	7.31	9317	10.06	7286	13.97
09	BHF74	3353	7.31	9411	10.06	7143	13.97
10	BHF70	3847	7.31	10662	10.06	6784	13.97
11	BHF70MS	3624	7.31	9646	10.06	5838	13.97
12	BHF70MSD	3473	7.31	9177	10.06	5537	13.97
13	SLCS279	3271	7.31	8419	10.06	4912	13.97
14	SLCS261	3107	7.31	8120	10.06	4901	13.97
15	SLCS259	3228	7.31	8458	10.06	5227	13.97

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.: BN112624 SAS No.: BN112624 SDG NO.: BN112624

EPA Sample No.: SSTD0.4354 Date Analyzed: Nov 27 2024 12:00AM

Lab File ID: BN035334.D Time Analyzed: 03:54

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	3281	7.309	8504	10.06	5023	13.97
UPPER LIMIT	6562	7.809	17008	10.558	10046	14.467
LOWER LIMIT	1640.5	6.809	4252	9.558	2511.5	13.467
EPA SAMPLE NO.						
01 SBLK259	3705	7.31	9886	10.06	6161	13.97
02 SBLK232	5190	7.31	13820	10.06	8553	13.97
03 E2A11	3873	7.31	10230	10.06	6387	13.97
04 E2A12	3847	7.31	10847	10.05	7092	13.97
05 E2A12MS	4005	7.31	11212	10.06	7096	13.97
06 E2A12MSD	3758	7.31	9492	10.06	5321	13.97
07 SLCS213	3995	7.31	10670	10.06	6180	13.97

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.: BN112624 SAS No.: BN112624 SDG NO.: BN112624

EPA Sample No.: SSTD0.4225 Date Analyzed: Nov 26 2024 12:00AM

Lab File ID: BN035136.D Time Analyzed: 05:44

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	SBLK232	8144	16.74	6161	20.98	6395	23.08
02	E1PJ0	10598	16.74	8765	20.98	8324	23.08
03	SLCS232	7710	16.74	6344	20.98	6933	23.08
04	SBLK213	7718	16.74	6109	20.99	6001	23.08
05	E2A24	7906	16.74	6097	20.98	5876	23.08
06	E29Y4	8708	16.73	7393	20.98	7319	23.07
07	E29Y6DL	10363	16.74	8961	20.98	9252	23.07
08	E29X3DL	14588	16.74	11419	20.98	13926	23.07
09	E29X4DL	10462	16.74	9232	20.98	10769	23.07
10	E29Z0DL	9828	16.73	6934	20.98	8524	23.07
11	E29Z0DL	8719	16.74	6954	20.98	7684	23.07
12	E29Y6DL	9462	16.73	8425	20.98	8722	23.07
13	E29X3DL	9344	16.73	7815	20.98	9610	23.07
14	E29X4DL	9832	16.73	8316	20.98	9030	23.07
15	SBLK261	11288	16.73	6047	20.98	6129	23.07
16	SBLK279	11662	16.74	6445	20.98	6589	23.07
17	E1PJ2	12775	16.73	7179	20.98	6570	23.07
18	E1PJ3	11648	16.73	6475	20.98	5752	23.07
19	E1PJ4	12658	16.73	7169	20.98	6833	23.07
20	BHF71	11774	16.73	6485	20.98	5803	23.07
21	BHF72	11192	16.73	6113	20.98	5859	23.07

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN112624 SAS No.: BN112624 SDG NO.: BN112624

EPA Sample No.: SSTD0.4225 Date Analyzed: Nov 26 2024 12:00AM

Lab File ID: BN035136.D Time Analyzed: 21:55

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	BHF73	12884	16.73	8547	20.98	7147	23.07
23	BHF74	11241	16.73	6345	20.98	6305	23.07
24	BHF70	13772	16.73	7605	20.98	6947	23.07
25	BHF70MS	11249	16.73	6703	20.98	7287	23.07
26	BHF70MSD	10850	16.73	6359	20.98	6851	23.07
27	SLCS279	9080	16.73	5734	20.98	6466	23.07
28	SLCS261	9549	16.73	5483	20.98	5907	23.07
29	SLCS259	10658	16.73	5932	20.98	6177	23.07
30	SBLK259	12035	16.73	6396	20.98	6410	23.07
31	SBLK232	16605	16.73	9388	20.98	9950	23.07
32	E2A11	12463	16.73	7993	20.98	8049	23.07
33	E2A12	14749	16.73	9308	20.98	7904	23.07
34	E2A12MS	14289	16.73	8579	20.98	8881	23.07
35	E2A12MSD	10741	16.73	9453	20.97	10606	23.07
36	SLCS213	11369	16.73	7356	20.98	8190	23.07

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN112624 SAS No.: BN112624 SDG NO.: BN112624

EPA Sample No.: SSTD0.4225 Date Analyzed: Nov 27 2024 12:00AM

Lab File ID: BN035136.D Time Analyzed: 07:29

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.						

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.: BN112624 SAS No.: BN112624 SDG NO.: BN112624

EPA Sample No.: SSTD0.4351 Date Analyzed: Nov 26 2024 12:00AM

Lab File ID: BN035302.D Time Analyzed: 05:44

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	7252	16.738	6091	20.982	6663	23.077
UPPER LIMIT	14504	17.238	12182	21.482	13326	23.577
LOWER LIMIT	3626	16.238	3045.5	20.482	3331.5	22.577
EPA SAMPLE NO.						
01 SBLK232	8144	16.74	6161	20.98	6395	23.08
02 E1PJ0	10598	16.74	8765	20.98	8324	23.08
03 SLCS232	7710	16.74	6344	20.98	6933	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.: BN112624 SAS No.: BN112624 SDG NO.: BN112624

EPA Sample No.: SSTD0.4352 Date Analyzed: Nov 26 2024 12:00AM

Lab File ID: BN035306.D Time Analyzed: 09:13

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	7604	16.738	6417	20.979	7260	23.074
UPPER LIMIT	15208	17.238	12834	21.479	14520	23.574
LOWER LIMIT	3802	16.238	3208.5	20.479	3630	22.574
EPA SAMPLE NO.						
01 SBLK213	7718	16.74	6109	20.99	6001	23.08
02 E2A24	7906	16.74	6097	20.98	5876	23.08
03 E29Y4	8708	16.73	7393	20.98	7319	23.07
04 E29Y6DL	10363	16.74	8961	20.98	9252	23.07
05 E29X3DL	14588	16.74	11419	20.98	13926	23.07
06 E29X4DL	10462	16.74	9232	20.98	10769	23.07
07 E29Z0DL	9828	16.73	6934	20.98	8524	23.07
08 E29Z0DL	8719	16.74	6954	20.98	7684	23.07
09 E29Y6DL	9462	16.73	8425	20.98	8722	23.07
10 E29X3DL	9344	16.73	7815	20.98	9610	23.07
11 E29X4DL	9832	16.73	8316	20.98	9030	23.07

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.: BN112624 SAS No.: BN112624 SDG NO.: BN112624

EPA Sample No.: SSTD0.4353 Date Analyzed: Nov 26 2024 12:00AM

Lab File ID: BN035318.D Time Analyzed: 17:43

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	9193	16.734	5730	20.979	6161	23.074
	UPPER LIMIT	18386	17.234	11460	21.479	12322	23.574
	LOWER LIMIT	4596.5	16.234	2865	20.479	3080.5	22.574
	EPA SAMPLE NO.						
01	SBLK261	11288	16.73	6047	20.98	6129	23.07
02	SBLK279	11662	16.74	6445	20.98	6589	23.07
03	E1PJ2	12775	16.73	7179	20.98	6570	23.07
04	E1PJ3	11648	16.73	6475	20.98	5752	23.07
05	E1PJ4	12658	16.73	7169	20.98	6833	23.07
06	BHF71	11774	16.73	6485	20.98	5803	23.07
07	BHF72	11192	16.73	6113	20.98	5859	23.07
08	BHF73	12884	16.73	8547	20.98	7147	23.07
09	BHF74	11241	16.73	6345	20.98	6305	23.07
10	BHF70	13772	16.73	7605	20.98	6947	23.07
11	BHF70MS	11249	16.73	6703	20.98	7287	23.07
12	BHF70MSD	10850	16.73	6359	20.98	6851	23.07
13	SLCS279	9080	16.73	5734	20.98	6466	23.07
14	SLCS261	9549	16.73	5483	20.98	5907	23.07
15	SLCS259	10658	16.73	5932	20.98	6177	23.07

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN112624 SAS No.: BN112624 SDG NO.: BN112624

EPA Sample No.: SSTD0.4353 Date Analyzed: Nov 27 2024 12:00AM

Lab File ID: BN035318.D Time Analyzed: 02:06

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	9193	16.734	5730	20.979	6161	23.074
UPPER LIMIT	18386	17.234	11460	21.479	12322	23.574
LOWER LIMIT	4596.5	16.234	2865	20.479	3080.5	22.574
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.: BN112624 SAS No.: BN112624 SDG NO.: BN112624

EPA Sample No.: SSTD0.4354 Date Analyzed: Nov 27 2024 12:00AM

Lab File ID: BN035334.D Time Analyzed: 03:54

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	9613	16.734	5570	20.976	6298	23.071
UPPER LIMIT	19226	17.234	11140	21.476	12596	23.571
LOWER LIMIT	4806.5	16.234	2785	20.476	3149	22.571
EPA SAMPLE NO.						
01 SBLK259	12035	16.73	6396	20.98	6410	23.07
02 SBLK232	16605	16.73	9388	20.98	9950	23.07
03 E2A11	12463	16.73	7993	20.98	8049	23.07
04 E2A12	14749	16.73	9308	20.98	7904	23.07
05 E2A12MS	14289	16.73	8579	20.98	8881	23.07
06 E2A12MSD	10741	16.73	9453	20.97	10606	23.07
07 SLCS213	11369	16.73	7356	20.98	8190	23.07

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.: BN112624

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165213BS	1,4-Dioxane	66.7	53	ug/Kg	79				0	0		
	Naphthalene	13.3	11	ug/Kg	83				0	0		
	1-Methylnaphthalene	13.3	11	ug/Kg	83				0	0		
	2-Methylnaphthalene	13.3	11	ug/Kg	83				0	0		
	Acenaphthylene	13.3	12	ug/Kg	90				0	0		
	Acenaphthene	13.3	12	ug/Kg	90				0	0		
	Fluorene	13.3	11	ug/Kg	83				0	0		
	Pentachlorophenol	26.7	21	ug/Kg	79				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	12	ug/Kg	90				0	0		
	Benzo(b)fluoranthene	13.3	12	ug/Kg	90				0	0		
	Benzo(k)fluoranthene	13.3	12	ug/Kg	90				0	0		
	Benzo(a)pyrene	13.3	12	ug/Kg	90				0	0		
	Indeno(1,2,3-cd)pyrene	13.3	12	ug/Kg	90				0	0		
	Dibenzo(a,h)anthracene	13.3	11	ug/Kg	83				0	0		
	Benzo(g,h,i)perylene	13.3	12	ug/Kg	90				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN112624

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165232BS	1,4-Dioxane	2	1.7	ug/L	85				0	0		
	Naphthalene	0.4	0.35	ug/L	88				0	0		
	1-Methylnaphthalene	0.4	0.32	ug/L	80				0	0		
	2-Methylnaphthalene	0.4	0.32	ug/L	80				0	0		
	Acenaphthylene	0.4	0.37	ug/L	93				0	0		
	Acenaphthene	0.4	0.37	ug/L	93				0	0		
	Fluorene	0.4	0.34	ug/L	85				0	0		
	Pentachlorophenol	0.8	0.67	ug/L	84				0	0		
	Phenanthrene	0.4	0.36	ug/L	90				0	0		
	Anthracene	0.4	0.34	ug/L	85				0	0		
	Fluoranthene	0.4	0.38	ug/L	95				0	0		
	Pyrene	0.4	0.38	ug/L	95				0	0		
	Benzo(a)anthracene	0.4	0.36	ug/L	90				0	0		
	Chrysene	0.4	0.41	ug/L	103				0	0		
	Benzo(b)fluoranthene	0.4	0.37	ug/L	93				0	0		
	Benzo(k)fluoranthene	0.4	0.42	ug/L	105				0	0		
	Benzo(a)pyrene	0.4	0.37	ug/L	93				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.39	ug/L	98				0	0		
	Dibenzo(a,h)anthracene	0.4	0.36	ug/L	90				0	0		
	Benzo(g,h,i)perylene	0.4	0.37	ug/L	93				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN112624

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165259BS	1,4-Dioxane	2	1.5	ug/L	75				0	0		
	Naphthalene	0.4	0.31	ug/L	78				0	0		
	1-Methylnaphthalene	0.4	0.31	ug/L	78				0	0		
	2-Methylnaphthalene	0.4	0.31	ug/L	78				0	0		
	Acenaphthylene	0.4	0.33	ug/L	83				0	0		
	Acenaphthene	0.4	0.33	ug/L	83				0	0		
	Fluorene	0.4	0.32	ug/L	80				0	0		
	Pentachlorophenol	0.8	0.56	ug/L	70				0	0		
	Phenanthrene	0.4	0.32	ug/L	80				0	0		
	Anthracene	0.4	0.3	ug/L	75				0	0		
	Fluoranthene	0.4	0.44	ug/L	110				0	0		
	Pyrene	0.4	0.42	ug/L	105				0	0		
	Benzo(a)anthracene	0.4	0.32	ug/L	80				0	0		
	Chrysene	0.4	0.35	ug/L	88				0	0		
	Benzo(b)fluoranthene	0.4	0.34	ug/L	85				0	0		
	Benzo(k)fluoranthene	0.4	0.35	ug/L	88				0	0		
	Benzo(a)pyrene	0.4	0.33	ug/L	83				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.33	ug/L	83				0	0		
	Dibenzo(a,h)anthracene	0.4	0.32	ug/L	80				0	0		
	Benzo(g,h,i)perylene	0.4	0.34	ug/L	85				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN112624

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165261BS	1,4-Dioxane	2	1.8	ug/L	90				0	0		
	Naphthalene	0.4	0.38	ug/L	95				0	0		
	1-Methylnaphthalene	0.4	0.38	ug/L	95				0	0		
	2-Methylnaphthalene	0.4	0.38	ug/L	95				0	0		
	Acenaphthylene	0.4	0.4	ug/L	100				0	0		
	Acenaphthene	0.4	0.41	ug/L	103				0	0		
	Fluorene	0.4	0.38	ug/L	95				0	0		
	Pentachlorophenol	0.8	0.69	ug/L	86				0	0		
	Phenanthrene	0.4	0.4	ug/L	100				0	0		
	Anthracene	0.4	0.37	ug/L	93				0	0		
	Fluoranthene	0.4	0.51	ug/L	128				0	0		
	Pyrene	0.4	0.49	ug/L	123				0	0		
	Benzo(a)anthracene	0.4	0.39	ug/L	98				0	0		
	Chrysene	0.4	0.43	ug/L	108				0	0		
	Benzo(b)fluoranthene	0.4	0.4	ug/L	100				0	0		
	Benzo(k)fluoranthene	0.4	0.44	ug/L	110				0	0		
	Benzo(a)pyrene	0.4	0.4	ug/L	100				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.41	ug/L	103				0	0		
	Dibenzo(a,h)anthracene	0.4	0.4	ug/L	100				0	0		
	Benzo(g,h,i)perylene	0.4	0.42	ug/L	105				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN112624

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165279BS	1,4-Dioxane	2	1.7	ug/L	85				0	0		
	Naphthalene	0.4	0.35	ug/L	88				0	0		
	1-Methylnaphthalene	0.4	0.34	ug/L	85				0	0		
	2-Methylnaphthalene	0.4	0.34	ug/L	85				0	0		
	Acenaphthylene	0.4	0.37	ug/L	93				0	0		
	Acenaphthene	0.4	0.37	ug/L	93				0	0		
	Fluorene	0.4	0.34	ug/L	85				0	0		
	Pentachlorophenol	0.8	0.65	ug/L	81				0	0		
	Phenanthrene	0.4	0.37	ug/L	93				0	0		
	Anthracene	0.4	0.34	ug/L	85				0	0		
	Fluoranthene	0.4	0.43	ug/L	108				0	0		
	Pyrene	0.4	0.41	ug/L	103				0	0		
	Benzo(a)anthracene	0.4	0.35	ug/L	88				0	0		
	Chrysene	0.4	0.39	ug/L	98				0	0		
	Benzo(b)fluoranthene	0.4	0.37	ug/L	93				0	0		
	Benzo(k)fluoranthene	0.4	0.38	ug/L	95				0	0		
	Benzo(a)pyrene	0.4	0.36	ug/L	90				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.38	ug/L	95				0	0		
	Dibenzo(a,h)anthracene	0.4	0.36	ug/L	90				0	0		
	Benzo(g,h,i)perylene	0.4	0.38	ug/L	95				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

E29Y4

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN112624

SAS No.: BN112624 SDG NO.: BN112624

Lab File ID: BN035309.D

Lab Sample ID: P4872-17

Instrument ID: BNA_N

Date Extracted: 11/19/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/26/2024

Level: (low/med) LOW

Time Analyzed: 10:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E29Y4	P4872-17	BN035309.D	11/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

E2A24

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN112624

SAS No.: BN112624 SDG NO.: BN112624

Lab File ID: BN035308.D

Lab Sample ID: P4875-22

Instrument ID: BNA_N

Date Extracted: 11/19/2024

Matrix: (soil/water) Water

Date Analyzed: 11/26/2024

Level: (low/med) LOW

Time Analyzed: 09:59

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	BN035308.D	11/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK213

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN112624

SAS No.: BN112624 SDG NO.: BN112624

Lab File ID: BN035307.D

Lab Sample ID: PB165213BL

Instrument ID: BNA_N

Date Extracted: 11/22/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/26/2024

Level: (low/med) LOW

Time Analyzed: 09:13

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E2A11	P4895-01	BN035337.D	11/27/2024
E2A12	P4895-02	BN035338.D	11/27/2024
E2A12MS	P4895-04MS	BN035339.D	11/27/2024
E2A12MSD	P4895-05MSD	BN035340.D	11/27/2024
PB165213BS	PB165213BS	BN035341.D	11/27/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK232

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN112624

SAS No.: BN112624 SDG NO.: BN112624

Lab File ID: BN035336.D

Lab Sample ID: PB165232BL

Instrument ID: BNA_N

Date Extracted: 11/25/2024

Matrix: (soil/water) Water

Date Analyzed: 11/27/2024

Level: (low/med) LOW

Time Analyzed: 04:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1PJ0	P4965-03	BN035304.D	11/26/2024
PB165232BS	PB165232BS	BN035305.D	11/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK259

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN112624

SAS No.: BN112624 SDG NO.: BN112624

Lab File ID: BN035335.D

Lab Sample ID: PB165259BL

Instrument ID: BNA_N

Date Extracted: 11/25/2024

Matrix: (soil/water) Water

Date Analyzed: 11/27/2024

Level: (low/med) LOW

Time Analyzed: 03:54

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165259BS	PB165259BS	BN035333.D	11/27/2024
BHF70	P4996-01	BN035328.D	11/26/2024
BHF70MS	P4996-02MS	BN035329.D	11/26/2024
BHF70MSD	P4996-03MSD	BN035330.D	11/27/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK261

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN112624

SAS No.: BN112624 SDG NO.: BN112624

Lab File ID: BN035319.D

Lab Sample ID: PB165261BL

Instrument ID: BNA_N

Date Extracted: 11/25/2024

Matrix: (soil/water) Water

Date Analyzed: 11/26/2024

Level: (low/med) LOW

Time Analyzed: 17:43

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BHF71	P4996-04	BN035324.D	11/26/2024
BHF72	P4996-05	BN035325.D	11/26/2024
BHF73	P4996-06	BN035326.D	11/26/2024
BHF74	P4996-07	BN035327.D	11/26/2024
PB165261BS	PB165261BS	BN035332.D	11/27/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK279

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN112624

SAS No.: BN112624 SDG NO.: BN112624

Lab File ID: BN035320.D

Lab Sample ID: PB165279BL

Instrument ID: BNA_N

Date Extracted: 11/26/2024

Matrix: (soil/water) Water

Date Analyzed: 11/26/2024

Level: (low/med) LOW

Time Analyzed: 18:19

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1PJ2	P5016-01	BN035321.D	11/26/2024
E1PJ3	P5016-02	BN035322.D	11/26/2024
E1PJ4	P5016-03	BN035323.D	11/26/2024
PB165279BS	PB165279BS	BN035331.D	11/27/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN112624

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4996-02MS	Client Sample ID:	BHF70MS					DataFile:	BN035329.D		
1,4-Dioxane	2		0.63	ug/L	32				15	120	
Naphthalene	0.4		0.28	ug/L	70				0	0	
1-Methylnaphthalene	0.4		0.28	ug/L	70				0	0	
2-Methylnaphthalene	0.4		0.27	ug/L	68				0	0	
Acenaphthylene	0.4		0.32	ug/L	80				0	0	
Acenaphthene	0.4		0.32	ug/L	80				46	118	
Fluorene	0.4		0.31	ug/L	78				0	0	
Pentachlorophenol	0.8		0.7	ug/L	88				9	103	
Phenanthrene	0.4		0.36	ug/L	90				0	0	
Anthracene	0.4		0.33	ug/L	83				0	0	
Fluoranthene	0.4		0.47	ug/L	117				0	0	
Pyrene	0.4		0.45	ug/L	113				26	127	
Benzo(a)anthracene	0.4		0.37	ug/L	93				0	0	
Chrysene	0.4		0.4	ug/L	100				0	0	
Benzo(b)fluoranthene	0.4		0.38	ug/L	95				0	0	
Benzo(k)fluoranthene	0.4		0.4	ug/L	100				0	0	
Benzo(a)pyrene	0.4		0.37	ug/L	93				0	0	
Indeno(1,2,3-cd)pyrene	0.4		0.38	ug/L	95				0	0	
Dibenzo(a,h)anthracene	0.4		0.37	ug/L	93				0	0	
Benzo(g,h,i)perylene	0.4		0.38	ug/L	95				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN112624

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4996-03MSD		Client Sample ID: BHF70MSD		DataFile: BN035330.D							
1,4-Dioxane	2		0.61	ug/L	31		3		15	120	50
Naphthalene	0.4		0.27	ug/L	68		3	*	0	0	0
1-Methylnaphthalene	0.4		0.27	ug/L	68		3	*	0	0	0
2-Methylnaphthalene	0.4		0.26	ug/L	65		5	*	0	0	0
Acenaphthylene	0.4		0.31	ug/L	78		3	*	0	0	0
Acenaphthene	0.4		0.3	ug/L	75		6		46	118	31
Fluorene	0.4		0.3	ug/L	75		4	*	0	0	0
Pentachlorophenol	0.8		0.7	ug/L	88		0		9	103	50
Phenanthrene	0.4		0.35	ug/L	88		2	*	0	0	0
Anthracene	0.4		0.32	ug/L	80		4	*	0	0	0
Fluoranthene	0.4		0.46	ug/L	115		2	*	0	0	0
Pyrene	0.4		0.44	ug/L	110		3		26	127	31
Benzo(a)anthracene	0.4		0.36	ug/L	90		3	*	0	0	0
Chrysene	0.4		0.39	ug/L	98		2	*	0	0	0
Benzo(b)fluoranthene	0.4		0.36	ug/L	90		5	*	0	0	0
Benzo(k)fluoranthene	0.4		0.39	ug/L	98		2	*	0	0	0
Benzo(a)pyrene	0.4		0.35	ug/L	88		6	*	0	0	0
Indeno(1,2,3-cd)pyrene	0.4		0.37	ug/L	93		2	*	0	0	0
Dibenzo(a,h)anthracene	0.4		0.35	ug/L	88		6	*	0	0	0
Benzo(g,h,i)perylene	0.4		0.37	ug/L	93		2	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN112624

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4895-04MS	Client Sample ID:	E2A12MS					DataFile:	BN035339.D		
1,4-Dioxane	80.5		34	ug/Kg	42				15	120	
Naphthalene	16.1	0.97	9.1	ug/Kg	50				0	0	
1-Methylnaphthalene	16.1	1.5	9.4	ug/Kg	49				0	0	
2-Methylnaphthalene	16.1	2	9.2	ug/Kg	45				0	0	
Acenaphthylene	16.1	19	13	ug/Kg	-37				0	0	
Acenaphthene	16.1	13	10	ug/Kg	-19	*			31	137	
Fluorene	16.1	17	10	ug/Kg	-43				0	0	
Pentachlorophenol	32.2		4.3	ug/Kg	13	*			17	109	
Phenanthrene	16.1	160	22	ug/Kg	-857				0	0	
Anthracene	16.1	34	13	ug/Kg	-130				0	0	
Fluoranthene	16.1	330	60	ug/Kg	-1677				0	0	
Pyrene	16.1	250	49	ug/Kg	-1248	*			35	142	
Benzo(a)anthracene	16.1	100	27	ug/Kg	-453				0	0	
Chrysene	16.1	100	27	ug/Kg	-453				0	0	
Benzo(b)fluoranthene	16.1	140	31	ug/Kg	-677				0	0	
Benzo(k)fluoranthene	16.1	51	19	ug/Kg	-199				0	0	
Benzo(a)pyrene	16.1	110	26	ug/Kg	-522				0	0	
Indeno(1,2,3-cd)pyrene	16.1	53	20	ug/Kg	-205				0	0	
Dibenzo(a,h)anthracene	16.1	15	13	ug/Kg	-12				0	0	
Benzo(g,h,i)perylene	16.1	67	22	ug/Kg	-280				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN112624

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4895-05MSD	Client Sample ID:	E2A12MSD					DataFile:	BN035340.D		
1,4-Dioxane	80.5		35	ug/Kg	43		2		15	120	50
Naphthalene	16.1	0.97	8.6	ug/Kg	47		6	*	0	0	0
1-Methylnaphthalene	16.1	1.5	8.3	ug/Kg	42		15	*	0	0	0
2-Methylnaphthalene	16.1	2	8.3	ug/Kg	39		14	*	0	0	0
Acenaphthylene	16.1	19	13	ug/Kg	-37		0		0	0	0
Acenaphthene	16.1	13	9.6	ug/Kg	-21	*	10		31	137	19
Fluorene	16.1	17	9.5	ug/Kg	-47		9	*	0	0	0
Pentachlorophenol	32.2		3.8	ug/Kg	12	*	8		17	109	47
Phenanthrene	16.1	160	20	ug/Kg	-870		2	*	0	0	0
Anthracene	16.1	34	12	ug/Kg	-137		5	*	0	0	0
Fluoranthene	16.1	330	44	ug/Kg	-1776		6	*	0	0	0
Pyrene	16.1	250	37	ug/Kg	-1323	*	6		35	142	36
Benzo(a)anthracene	16.1	100	25	ug/Kg	-466		3	*	0	0	0
Chrysene	16.1	100	26	ug/Kg	-460		2	*	0	0	0
Benzo(b)fluoranthene	16.1	140	30	ug/Kg	-683		1	*	0	0	0
Benzo(k)fluoranthene	16.1	51	18	ug/Kg	-205		3	*	0	0	0
Benzo(a)pyrene	16.1	110	24	ug/Kg	-534		2	*	0	0	0
Indeno(1,2,3-cd)pyrene	16.1	53	19	ug/Kg	-211		3	*	0	0	0
Dibenzo(a,h)anthracene	16.1	15	12	ug/Kg	-19		45	*	0	0	0
Benzo(g,h,i)perylene	16.1	67	21	ug/Kg	-286		2	*	0	0	0

Surrogate Summary

SW-846

SDG No.: BN112624

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4872-03DL	E29X3DL	BN035311.D	1,4-Dioxane-d8	8	2.64	33		15	120
		BN035316.D	1,4-Dioxane-d8	8	3.24	40		15	120
			Fluoranthene-d10	0.4	0.20	49		30	130
		BN035311.D	Fluoranthene-d10	0.4	0.17	41		30	130
			2-Methylnaphthalene-d10	0.4	0.14	35		20	140
		BN035316.D	2-Methylnaphthalene-d10	0.4	0.16	39		20	140
P4872-04DL	E29X4DL	BN035317.D	1,4-Dioxane-d8	8	3.71	46		15	120
		BN035312.D	1,4-Dioxane-d8	8	3.13	39		15	120
			Fluoranthene-d10	0.4	0.18	44		30	130
		BN035317.D	Fluoranthene-d10	0.4	0.21	52		30	130
			2-Methylnaphthalene-d10	0.4	0.18	44		20	140
		BN035312.D	2-Methylnaphthalene-d10	0.4	0.16	39		20	140
P4872-17	E29Y4	BN035309.D	1,4-Dioxane-d8	8	5.63	70		15	120
			Fluoranthene-d10	0.4	0.44	109		30	130
			2-Methylnaphthalene-d10	0.4	0.33	82		20	140
P4872-19DL	E29Y6DL	BN035310.D	1,4-Dioxane-d8	8	4.84	60		15	120
		BN035315.D	1,4-Dioxane-d8	8	5.94	74		15	120
			Fluoranthene-d10	0.4	0.40	99		30	130
		BN035310.D	Fluoranthene-d10	0.4	0.34	84		30	130
		BN035315.D	2-Methylnaphthalene-d10	0.4	0.32	79		20	140
		BN035310.D	2-Methylnaphthalene-d10	0.4	0.28	69		20	140
P4872-23DL	E29Z0DL	BN035313.D	1,4-Dioxane-d8	8	2.90	36		15	120
		BN035314.D	1,4-Dioxane-d8	8	3.20	40		15	120
		BN035313.D	Fluoranthene-d10	0.4	0.19	46		30	130
		BN035314.D	Fluoranthene-d10	0.4	0.20	49		30	130
			2-Methylnaphthalene-d10	0.4	0.16	39		20	140
		BN035313.D	2-Methylnaphthalene-d10	0.4	0.14	35		20	140

Surrogate Summary

SW-846

SDG No.: BN112624

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4875-22	E2A24	BN035308.D	1,4-Dioxane-d8	8	5.39	67		15	120
			Fluoranthene-d10	0.4	0.45	113		30	130
			2-Methylnaphthalene-d10	0.4	0.29	74		30	130

Surrogate Summary

SW-846

SDG No.: BN112624

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4895-01	E2A11	BN035337.D	1,4-Dioxane-d8	8	2.02	25		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.13	32		20	140
P4895-02	E2A12	BN035338.D	1,4-Dioxane-d8	8	2.71	34		15	120
			Fluoranthene-d10	0.4	0.34	86		30	130
			2-Methylnaphthalene-d10	0.4	0.20	50		20	140
P4895-04MS	E2A12MS	BN035339.D	1,4-Dioxane-d8	0.8	0.34	42		15	120
			Fluoranthene-d10	0.4	0.35	88		30	130
			2-Methylnaphthalene-d10	0.4	0.23	57		20	140
P4895-05MSD	E2A12MSD	BN035340.D	1,4-Dioxane-d8	0.8	0.32	40		15	120
			Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.20	51		20	140
PB165213BL	PB165213BL	BN035307.D	1,4-Dioxane-d8	8	7.13	89		15	120
			Fluoranthene-d10	0.4	0.39	98		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		20	140
PB165213BS	PB165213BS	BN035341.D	1,4-Dioxane-d8	0.8	0.62	77		15	120
			Fluoranthene-d10	0.4	0.39	97		30	130
			2-Methylnaphthalene-d10	0.4	0.32	81		20	140

Surrogate Summary

SW-846

SDG No.: BN112624

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4965-03	E1PJ0	BN035304.D	1,4-Dioxane-d8	8	5.02	63		15	120
			Fluoranthene-d10	0.4	0.43	106		30	130
			2-Methylnaphthalene-d10	0.4	0.31	78		30	130
PB165232BL	PB165232BL	BN035303.D	1,4-Dioxane-d8	8	6.71	84		15	120
		BN035336.D	1,4-Dioxane-d8	8	6.19	77		15	120
		BN035303.D	Fluoranthene-d10	0.4	0.46	115		30	130
			Fluoranthene-d10	0.4	0.39	97		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
		BN035336.D	2-Methylnaphthalene-d10	0.4	0.33	82		30	130
PB165232BS	PB165232BS	BN035305.D	1,4-Dioxane-d8	0.8	0.72	90		15	120
			Fluoranthene-d10	0.4	0.39	98		30	130
			2-Methylnaphthalene-d10	0.4	0.33	82		30	130

Surrogate Summary

SW-846

SDG No.: BN112624

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4996-01	BHF70	BN035328.D	1,4-Dioxane-d8	8	4.56	57		15	120
			Fluoranthene-d10	0.4	0.47	117		30	130
			2-Methylnaphthalene-d10	0.4	0.28	69		30	130
P4996-02MS	BHF70MS	BN035329.D	1,4-Dioxane-d8	0.8	0.21	26		15	120
			Fluoranthene-d10	0.4	0.47	118		30	130
			2-Methylnaphthalene-d10	0.4	0.27	67		30	130
P4996-03MSD	BHF70MSD	BN035330.D	1,4-Dioxane-d8	0.8	0.22	27		15	120
			Fluoranthene-d10	0.4	0.46	116		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		30	130
PB165259BL	PB165259BL	BN035335.D	1,4-Dioxane-d8	8	5.12	64		15	120
			Fluoranthene-d10	0.4	0.39	98		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		30	130
PB165259BS	PB165259BS	BN035333.D	1,4-Dioxane-d8	0.8	0.59	73		15	120
			Fluoranthene-d10	0.4	0.44	111		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		30	130

Surrogate Summary

SW-846

SDG No.: BN112624

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4996-04	BHF71	BN035324.D	1,4-Dioxane-d8	8	4.40	55		15	120
			Fluoranthene-d10	0.4	0.53	132	*	30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		30	130
P4996-05	BHF72	BN035325.D	1,4-Dioxane-d8	8	4.92	62		15	120
			Fluoranthene-d10	0.4	0.55	137	*	30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		30	130
P4996-06	BHF73	BN035326.D	1,4-Dioxane-d8	8	4.58	57		15	120
			Fluoranthene-d10	0.4	0.48	121		30	130
			2-Methylnaphthalene-d10	0.4	0.07	18	*	30	130
P4996-07	BHF74	BN035327.D	1,4-Dioxane-d8	8	4.62	58		15	120
			Fluoranthene-d10	0.4	0.53	133	*	30	130
			2-Methylnaphthalene-d10	0.4	0.08	20	*	30	130
PB165261BL	PB165261BL	BN035319.D	1,4-Dioxane-d8	8	5.40	68		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.27	66		30	130
PB165261BS	PB165261BS	BN035332.D	1,4-Dioxane-d8	0.8	0.74	93		15	120
			Fluoranthene-d10	0.4	0.51	128		30	130
			2-Methylnaphthalene-d10	0.4	0.38	95		30	130

Surrogate Summary

SW-846

SDG No.: BN112624

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5016-01	E1PJ2	BN035321.D	1,4-Dioxane-d8	8	4.97	62		15	120
			Fluoranthene-d10	0.4	0.50	124		30	130
			2-Methylnaphthalene-d10	0.4	0.31	78		30	130
P5016-02	E1PJ3	BN035322.D	1,4-Dioxane-d8	8	5.56	69		15	120
			Fluoranthene-d10	0.4	0.59	148	*	30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
P5016-03	E1PJ4	BN035323.D	1,4-Dioxane-d8	8	4.31	54		15	120
			Fluoranthene-d10	0.4	0.49	123		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
PB165279BL	PB165279BL	BN035320.D	1,4-Dioxane-d8	8	5.33	67		15	120
			Fluoranthene-d10	0.4	0.38	95		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		30	130
PB165279BS	PB165279BS	BN035331.D	1,4-Dioxane-d8	0.8	0.70	87		15	120
			Fluoranthene-d10	0.4	0.44	109		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN112624

Lab Code: CHEM

SAS No.: BN112624

SDG NO.: BN112624

Lab File ID: BN035301.D

DFTPP Injection Date: 11/26/2024

Instrument ID: BNA_N

DFTPP Injection Time: 04:29

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	23.2
68	Less than 2.0% of mass 69	0.2 (0.7) 1
69	Mass 69 relative abundance	31.4
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	41.4
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	7
275	10.0 - 60.0% of mass 198	25.8
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	10.1
442	Greater than 50% of mass 198	60.2
443	15.0 - 24.0% of mass 442	12.5 (20.7) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD0.4351	SSTDCCC0.4	BN035302.D	11/26/2024	05:08
SBLK232	PB165232BL	BN035303.D	11/26/2024	05:44
E1PJ0	P4965-03	BN035304.D	11/26/2024	06:20
SLCS232	PB165232BS	BN035305.D	11/26/2024	06:56
SSTD0.4352	SSTDCCC0.4	BN035306.D	11/26/2024	08:08
SBLK213	PB165213BL	BN035307.D	11/26/2024	09:13
E2A24	P4875-22	BN035308.D	11/26/2024	09:59
E29Y4	P4872-17	BN035309.D	11/26/2024	10:35
E29Y6DL	P4872-19DL	BN035310.D	11/26/2024	11:11
E29X3DL	P4872-03DL	BN035311.D	11/26/2024	11:51
E29X4DL	P4872-04DL	BN035312.D	11/26/2024	12:27
E29Z0DL	P4872-23DL	BN035313.D	11/26/2024	13:03
E29Z0DL	P4872-23DL	BN035314.D	11/26/2024	13:51
E29Y6DL	P4872-19DL	BN035315.D	11/26/2024	14:27
E29X3DL	P4872-03DL	BN035316.D	11/26/2024	15:03
E29X4DL	P4872-04DL	BN035317.D	11/26/2024	15:39
SSTD0.4353	SSTDCCC0.4	BN035318.D	11/26/2024	17:07
SBLK261	PB165261BL	BN035319.D	11/26/2024	17:43

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN112624

Lab Code: CHEM

SAS No.: BN112624 SDG NO.: BN112624

Lab File ID: BN035301.D

DFTPP Injection Date: 11/26/2024

Instrument ID: BNA_N

DFTPP Injection Time: 04:29

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	23.2
68	Less than 2.0% of mass 69	0.2 (0.7) 1
69	Mass 69 relative abundance	31.4
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	41.4
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	7
275	10.0 - 60.0% of mass 198	25.8
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	10.1
442	Greater than 50% of mass 198	60.2
443	15.0 - 24.0% of mass 442	12.5 (20.7) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SBLK279	PB165279BL	BN035320.D	11/26/2024	18:19
E1PJ2	P5016-01	BN035321.D	11/26/2024	18:55
E1PJ3	P5016-02	BN035322.D	11/26/2024	19:31
E1PJ4	P5016-03	BN035323.D	11/26/2024	20:07
BHF71	P4996-04	BN035324.D	11/26/2024	20:43
BHF72	P4996-05	BN035325.D	11/26/2024	21:19
BHF73	P4996-06	BN035326.D	11/26/2024	21:55
BHF74	P4996-07	BN035327.D	11/26/2024	22:31
BHF70	P4996-01	BN035328.D	11/26/2024	23:06
BHF70MS	P4996-02MS	BN035329.D	11/26/2024	23:42
BHF70MSD	P4996-03MSD	BN035330.D	11/27/2024	00:18
SLCS279	PB165279BS	BN035331.D	11/27/2024	00:54
SLCS261	PB165261BS	BN035332.D	11/27/2024	01:30
SLCS259	PB165259BS	BN035333.D	11/27/2024	02:06
SSTD0.4354	SSTDCCC0.4	BN035334.D	11/27/2024	03:18
SBLK259	PB165259BL	BN035335.D	11/27/2024	03:54
SBLK232	PB165232BL	BN035336.D	11/27/2024	04:30
E2A11	P4895-01	BN035337.D	11/27/2024	05:06

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN112624

Lab Code: CHEM

SAS No.: BN112624 SDG NO.: BN112624

Lab File ID: BN035301.D

DFTPP Injection Date: 11/26/2024

Instrument ID: BNA_N

DFTPP Injection Time: 04:29

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	23.2
68	Less than 2.0% of mass 69	0.2 (0.7) 1
69	Mass 69 relative abundance	31.4
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	41.4
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	7
275	10.0 - 60.0% of mass 198	25.8
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	10.1
442	Greater than 50% of mass 198	60.2
443	15.0 - 24.0% of mass 442	12.5 (20.7) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
E2A12	P4895-02	BN035338.D	11/27/2024	05:42
E2A12MS	P4895-04MS	BN035339.D	11/27/2024	06:18
E2A12MSD	P4895-05MSD	BN035340.D	11/27/2024	06:54
SLCS213	PB165213BS	BN035341.D	11/27/2024	07:29