

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN103124 SAS No.: BN103124 SDG No.: BN103124

Instrument ID: BNA_N Calibration Date/Time: 10/31/2024 : 09:48

Lab File ID: BN034758.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4320 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.455	0.482	0.010	6.0661	40.0
1,4-Dioxane-d8	0.414	0.423	0.010	2.0526	40.0
Naphthalene	1.059	1.080	0.600	1.9944	30.0
1-Methylnaphthalene	0.701	0.702	0.300	0.0634	30.0
2-Methylnaphthalene	0.689	0.695	0.300	0.8491	30.0
Acenaphthylene	1.821	1.843	0.900	1.1996	30.0
Acenaphthene	1.393	1.423	0.500	2.1933	30.0
Fluorene	1.552	1.573	0.700	1.3932	30.0
Pentachlorophenol	0.079	0.064	0.010	-18.4503	50.0
Phenanthrene	1.209	1.231	0.300	1.7777	30.0
Anthracene	1.120	1.120	0.400	0.0329	30.0
Fluoranthene	1.940	2.169	0.400	11.7948	30.0
Pyrene	2.020	2.229	0.500	10.3674	30.0
Benzo (a) anthracene	1.601	1.596	0.400	-0.2523	30.0
Chrysene	1.603	1.631	0.400	1.7676	30.0
Benzo (b) fluoranthene	1.628	1.675	0.200	2.8811	30.0
Benzo (k) fluoranthene	1.642	1.671	0.200	1.7664	30.0
Benzo (a) pyrene	1.402	1.436	0.200	2.462	30.0
Indeno (1,2,3-cd) pyrene	1.493	1.669	0.200	11.8489	30.0
Dibenzo (a,h) anthracene	1.128	1.272	0.200	12.7098	30.0
Benzo (g,h,i) perylene	1.173	1.344	0.200	14.6242	30.0
Fluoranthene-d10	1.302	1.434	0.400	10.1805	30.0
2-Methylnaphthalene-d10	0.502	0.499	0.300	-0.4558	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.: BN103124 SAS No.: BN103124 SDG No.: BN103124
 Instrument ID: BNA_N Calibration Date/Time: 10/31/2024 : 15:16
 Lab File ID: BN034766.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD0.4321 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane-d8	0.414	0.414	0.010	0.0181	40.0
1,4-Dioxane	0.455	0.472	0.010	3.8578	40.0
Naphthalene	1.059	1.078	0.600	1.7179	30.0
1-Methylnaphthalene	0.701	0.719	0.300	2.5426	30.0
2-Methylnaphthalene	0.689	0.707	0.300	2.6391	30.0
Acenaphthylene	1.821	1.822	0.900	0.0828	30.0
Acenaphthene	1.393	1.423	0.500	2.1929	30.0
Fluorene	1.552	1.566	0.700	0.9362	30.0
Pentachlorophenol	0.079	0.067	0.010	-14.8489	50.0
Phenanthrene	1.209	1.234	0.300	2.0926	30.0
Anthracene	1.120	1.120	0.400	0.083	30.0
Fluoranthene	1.940	1.977	0.400	1.8918	30.0
Pyrene	2.020	2.043	0.500	1.1277	30.0
Benzo (a) anthracene	1.601	1.591	0.400	-0.5674	30.0
Chrysene	1.603	1.625	0.400	1.3962	30.0
Benzo (b) fluoranthene	1.628	1.648	0.200	1.1943	30.0
Benzo (k) fluoranthene	1.642	1.702	0.200	3.6795	30.0
Benzo (a) pyrene	1.402	1.396	0.200	-0.3754	30.0
Indeno (1,2,3-cd) pyrene	1.493	1.459	0.200	-2.259	30.0
Dibenzo (a,h) anthracene	1.128	1.115	0.200	-1.1715	30.0
Benzo (g,h,i) perylene	1.173	1.143	0.200	-2.5733	30.0
Fluoranthene-d10	1.302	1.306	0.400	0.3054	30.0
2-Methylnaphthalene-d10	0.502	0.507	0.300	1.1813	30.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN103124 SAS No.: BN103124 SDG No.: BN103124

Instrument ID: BNA_N Calibration Date/Time: 11/1/2024 1:02:06

Lab File ID: BN034783.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4322 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.455	0.472	0.010	3.7848	40.0
1,4-Dioxane-d8	0.414	0.424	0.010	2.5094	40.0
Naphthalene	1.059	1.075	0.600	1.499	30.0
1-Methylnaphthalene	0.701	0.713	0.300	1.6734	30.0
2-Methylnaphthalene	0.689	0.703	0.300	2.0473	30.0
Acenaphthylene	1.821	1.805	0.900	-0.8681	30.0
Acenaphthene	1.393	1.406	0.500	0.943	30.0
Fluorene	1.552	1.555	0.700	0.2333	30.0
Pentachlorophenol	0.079	0.061	0.010	-22.2939	50.0
Phenanthrene	1.209	1.235	0.300	2.1164	30.0
Anthracene	1.120	1.111	0.400	-0.7581	30.0
Fluoranthene	1.940	2.000	0.400	3.0782	30.0
Pyrene	2.020	2.058	0.500	1.869	30.0
Benzo (a) anthracene	1.601	1.579	0.400	-1.3416	30.0
Chrysene	1.603	1.625	0.400	1.3985	30.0
Benzo (b) fluoranthene	1.628	1.741	0.200	6.9234	30.0
Benzo (k) fluoranthene	1.642	1.721	0.200	4.8186	30.0
Benzo (a) pyrene	1.402	1.424	0.200	1.5778	30.0
Indeno (1,2,3-cd) pyrene	1.493	1.556	0.200	4.2252	30.0
Dibenzo (a,h) anthracene	1.128	1.200	0.200	6.3378	30.0
Benzo (g,h,i) perylene	1.173	1.239	0.200	5.6554	30.0
Fluoranthene-d10	1.302	1.323	0.400	1.6154	30.0
2-Methylnaphthalene-d10	0.502	0.508	0.300	1.315	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.: BN103124 SAS No.: BN103124 SDG No.: BN103124
Instrument ID: BNA_N Calibration Date/Time: 11/1/2024 1:12:21
Lab File ID: BN034800.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4323 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane-d8	0.414	0.413	0.010	-0.1367	40.0
1,4-Dioxane	0.455	0.460	0.010	1.196	40.0
Naphthalene	1.059	1.081	0.600	2.0248	30.0
1-Methylnaphthalene	0.701	0.712	0.300	1.5053	30.0
2-Methylnaphthalene	0.689	0.698	0.300	1.2861	30.0
Acenaphthylene	1.821	1.823	0.900	0.121	30.0
Acenaphthene	1.393	1.424	0.500	2.2199	30.0
Fluorene	1.552	1.577	0.700	1.6155	30.0
Pentachlorophenol	0.079	0.068	0.010	-14.2683	50.0
Phenanthrene	1.209	1.236	0.300	2.1944	30.0
Anthracene	1.120	1.121	0.400	0.1222	30.0
Fluoranthene	1.940	1.812	0.400	-6.5993	30.0
Pyrene	2.020	1.926	0.500	-4.6469	30.0
Benzo (a) anthracene	1.601	1.580	0.400	-1.3032	30.0
Chrysene	1.603	1.612	0.400	0.5724	30.0
Benzo (b) fluoranthene	1.628	1.702	0.200	4.5308	30.0
Benzo (k) fluoranthene	1.642	1.714	0.200	4.4003	30.0
Benzo (a) pyrene	1.402	1.416	0.200	0.9937	30.0
Indeno (1,2,3-cd) pyrene	1.493	1.502	0.200	0.6368	30.0
Dibenzo (a,h) anthracene	1.128	1.158	0.200	2.6169	30.0
Benzo (g,h,i) perylene	1.173	1.161	0.200	-0.9624	30.0
Fluoranthene-d10	1.302	1.189	0.400	-8.66	30.0
2-Methylnaphthalene-d10	0.502	0.506	0.300	0.8969	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.: BN103124 SAS No.: BN103124 SDG No.: BN103124

Instrument ID: BNA_N Calibration Date/Time: 11/1/2024 1:23:48

Lab File ID: BN034818.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4324 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.455	0.464	0.010	2.188	40.0
1,4-Dioxane-d8	0.414	0.426	0.010	2.8754	40.0
Naphthalene	1.059	1.082	0.600	2.1504	30.0
1-Methylnaphthalene	0.701	0.707	0.300	0.7282	30.0
2-Methylnaphthalene	0.689	0.690	0.300	0.1976	30.0
Acenaphthylene	1.821	1.790	0.900	-1.7148	30.0
Acenaphthene	1.393	1.412	0.500	1.4122	30.0
Fluorene	1.552	1.548	0.700	-0.2195	30.0
Pentachlorophenol	0.079	0.063	0.010	-19.9338	50.0
Phenanthrene	1.209	1.227	0.300	1.4764	30.0
Anthracene	1.120	1.086	0.400	-2.9541	30.0
Fluoranthene	1.940	1.889	0.400	-2.6353	30.0
Pyrene	2.020	1.969	0.500	-2.5359	30.0
Benzo (a) anthracene	1.601	1.541	0.400	-3.7083	30.0
Chrysene	1.603	1.619	0.400	1.0208	30.0
Benzo (b) fluoranthene	1.628	1.691	0.200	3.8639	30.0
Benzo (k) fluoranthene	1.642	1.733	0.200	5.5547	30.0
Benzo (a) pyrene	1.402	1.375	0.200	-1.8834	30.0
Indeno (1,2,3-cd) pyrene	1.493	1.517	0.200	1.6275	30.0
Dibenzo (a,h) anthracene	1.128	1.172	0.200	3.8588	30.0
Benzo (g,h,i) perylene	1.173	1.188	0.200	1.316	30.0
Fluoranthene-d10	1.302	1.250	0.400	-3.9875	30.0
2-Methylnaphthalene-d10	0.502	0.501	0.300	-0.0804	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.: BN103124 SAS No.: BN103124 SDG No.: BN103124

Instrument ID: BNA_N Calibration Date/Time: 11/2/2024 1:10:38

Lab File ID: BN034835.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4325 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.455	0.465	0.010	2.4015	50.0
1,4-Dioxane-d8	0.414	0.424	0.010	2.4028	50.0
Naphthalene	1.059	1.079	0.600	1.8612	50.0
1-Methylnaphthalene	0.701	0.693	0.300	-1.1587	50.0
2-Methylnaphthalene	0.689	0.682	0.300	-1.0419	50.0
Acenaphthylene	1.821	1.779	0.900	-2.3176	50.0
Acenaphthene	1.393	1.419	0.500	1.8988	50.0
Fluorene	1.552	1.545	0.700	-0.409	50.0
Pentachlorophenol	0.079	0.061	0.010	-22.6409	50.0
Phenanthrene	1.209	1.231	0.300	1.8466	50.0
Anthracene	1.120	1.085	0.400	-3.1245	50.0
Fluoranthene	1.940	1.925	0.400	-0.8044	50.0
Pyrene	2.020	1.994	0.500	-1.3119	50.0
Benzo (a) anthracene	1.601	1.554	0.400	-2.9308	50.0
Chrysene	1.603	1.643	0.400	2.5251	50.0
Benzo (b) fluoranthene	1.628	1.687	0.200	3.6027	50.0
Benzo (k) fluoranthene	1.642	1.741	0.200	6.0101	50.0
Benzo (a) pyrene	1.402	1.387	0.200	-1.0787	50.0
Indeno (1,2,3-cd) pyrene	1.493	1.598	0.200	7.0509	50.0
Dibenzo (a,h) anthracene	1.128	1.225	0.200	8.5444	50.0
Benzo (g,h,i) perylene	1.173	1.254	0.200	6.9364	50.0
Fluoranthene-d10	1.302	1.263	0.400	-3.0099	50.0
2-Methylnaphthalene-d10	0.502	0.488	0.300	-2.6375	50.0

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.: BN103124 SAS No.: BN103124 SDG No.: BN103124
Instrument ID: BNA_N Calibration Date/Time: 10/30/2024 : 20:54
Lab File ID: BN034756.D Init. Calib. Date(s): _____
EPA Sample No.: SICV215 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
1,4-Dioxane	0.455	0.439	0.010	-3.3579	40.0
1,4-Dioxane-d8	0.414	0.408	0.010	-1.5073	40.0
Naphthalene	1.059	1.123	0.600	6.0134	30.0
1-Methylnaphthalene	0.701	0.700	0.300	-0.224	30.0
2-Methylnaphthalene	0.689	0.739	0.300	7.3009	30.0
Acenaphthylene	1.821	2.040	0.900	12.0252	30.0
Acenaphthene	1.393	1.434	0.500	2.9877	30.0
Fluorene	1.552	1.648	0.700	6.2088	30.0
Pentachlorophenol	0.079	0.081	0.010	2.9595	50.0
Phenanthrene	1.209	1.280	0.300	5.8449	30.0
Anthracene	1.120	1.216	0.400	8.6077	30.0
Fluoranthene	1.940	1.990	0.400	2.565	30.0
Pyrene	2.020	2.106	0.500	4.2643	30.0
Benzo (a) anthracene	1.601	1.659	0.400	3.6656	30.0
Chrysene	1.603	1.676	0.400	4.5322	30.0
Benzo (b) fluoranthene	1.628	1.650	0.200	1.3194	30.0
Benzo (k) fluoranthene	1.642	1.749	0.200	6.4939	30.0
Benzo (a) pyrene	1.402	1.478	0.200	5.4107	30.0
Indeno (1,2,3-cd) pyrene	1.493	1.514	0.200	1.4139	30.0
Dibenzo (a,h) anthracene	1.128	1.159	0.200	2.7256	30.0
Benzo (g,h,i) perylene	1.173	1.159	0.200	-1.1373	30.0
Fluoranthene-d10	1.302	1.345	0.400	3.2819	30.0
2-Methylnaphthalene-d10	0.502	0.549	0.300	9.4907	30.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SBLK418	SDG No.:	BN103124
Lab Sample ID:	PB164418BL	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
BN034759.D	1	10/24/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164418

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	6.105		15-120		76	SPK: -8
93951-69-0	Fluoranthene-d10	0.375		30-130		94	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.36		30-130		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7724		7.604			
1146-65-2	Naphthalene-d8	24613		10.372			
15067-26-2	Acenaphthene-d10	14086		14.236			

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SBLK418	SDG No.:	BN103124
Lab Sample ID:	PB164418BL	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
BN034759.D	1	10/24/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	28332	16.983				
1719-03-5	Chrysene-d12	16990	21.174				
1520-96-3	Perylene-d12	13770	23.358				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	XA106	SDG No.:	BN103124
Lab Sample ID:	P4476-07	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
BN034760.D	1	10/24/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164418

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	7.2	E	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	3.2	E	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	12	E	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	3.7	E	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	1.9	E	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	2.4	E	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	4.4	E	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	3.4	E	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	1.8	E	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	2.3	E	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	1.3		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.1		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	2.3	E	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.3	E	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	3	E	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	4.6	E	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.682		15-120		85	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.428		30-130		107	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.418		30-130		104	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7232		7.604			
1146-65-2	Naphthalene-d8	22367		10.372			
15067-26-2	Acenaphthene-d10	12479		14.236			

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	XA106	SDG No.:	BN103124
Lab Sample ID:	P4476-07	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
BN034760.D	1	10/24/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25909	16.983				
1719-03-5	Chrysene-d12	17998	21.175				
1520-96-3	Perylene-d12	14986	23.358				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	XA106DL	SDG No.:	BN103124
Lab Sample ID:	P4476-07DL	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
BN034761.D	5	10/24/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.155	U	0.155	0	1	ug/L
91-20-3	Naphthalene	7.6	D	0.055	0.25	0.5	ug/L
90-12-0	1-Methylnaphthalene	0.12	U	0.12	0.25	0.5	ug/L
91-57-6	2-Methylnaphthalene	0.055	U	0.055	0.25	0.5	ug/L
208-96-8	Acenaphthylene	3.2	D	0.07	0.25	0.5	ug/L
83-32-9	Acenaphthene	12	ED	0.065	0.25	0.5	ug/L
86-73-7	Fluorene	3.8	D	0.11	0.25	0.5	ug/L
87-86-5	Pentachlorophenol	0.205	U	0.205	0.5	1	ug/L
85-01-8	Phenanthrene	2	D	0.07	0.25	0.5	ug/L
120-12-7	Anthracene	2.3	D	0.055	0.25	0.5	ug/L
206-44-0	Fluoranthene	5	D	0.11	0.25	0.5	ug/L
129-00-0	Pyrene	3.9	D	0.08	0.25	0.5	ug/L
56-55-3	Benzo(a)anthracene	1.8	D	0.075	0.25	0.5	ug/L
218-01-9	Chrysene	2.5	D	0.07	0.25	0.5	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	D	0.02	0.25	0.5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	D	0.095	0.25	0.5	ug/L
50-32-8	Benzo(a)pyrene	2.3	D	0.06	0.25	0.5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.5	D	0.115	0.25	0.5	ug/L
53-70-3	Dibenzo(a,h)anthracene	3.3	D	0.13	0.25	0.5	ug/L
191-24-2	Benzo(g,h,i)perylene	5.2	D	0.125	0.25	0.5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.775		15-120		97	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.505		30-130		126	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.435		30-130		109	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7613	7.6				
1146-65-2	Naphthalene-d8	22571	10.367				
15067-26-2	Acenaphthene-d10	12085	14.236				

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	XA106DL	SDG No.:	BN103124
Lab Sample ID:	P4476-07DL	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
BN034761.D	5	10/24/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24735	16.983				
1719-03-5	Chrysene-d12	14842	21.178				
1520-96-3	Perylene-d12	11910	23.361				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.155	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	XA106DL2	SDG No.:	BN103124
Lab Sample ID:	P4476-07DL2	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
BN034762.D	20	10/24/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.62	U	0.62	0	4	ug/L
91-20-3	Naphthalene	7.7	D	0.22	1	2	ug/L
90-12-0	1-Methylnaphthalene	0.48	U	0.48	1	2	ug/L
91-57-6	2-Methylnaphthalene	0.22	U	0.22	1	2	ug/L
208-96-8	Acenaphthylene	3.2	D	0.28	1	2	ug/L
83-32-9	Acenaphthene	12	D	0.26	1	2	ug/L
86-73-7	Fluorene	3.8	D	0.44	1	2	ug/L
87-86-5	Pentachlorophenol	0.82	U	0.82	2	4	ug/L
85-01-8	Phenanthrene	2	D	0.28	1	2	ug/L
120-12-7	Anthracene	2.2	D	0.22	1	2	ug/L
206-44-0	Fluoranthene	4.7	D	0.44	1	2	ug/L
129-00-0	Pyrene	3.7	D	0.32	1	2	ug/L
56-55-3	Benzo(a)anthracene	1.9	JD	0.3	1	2	ug/L
218-01-9	Chrysene	2.5	D	0.28	1	2	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	JD	0.08	1	2	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	JD	0.38	1	2	ug/L
50-32-8	Benzo(a)pyrene	2.3	D	0.24	1	2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.2	D	0.46	1	2	ug/L
53-70-3	Dibenzo(a,h)anthracene	3	D	0.52	1	2	ug/L
191-24-2	Benzo(g,h,i)perylene	4.8	D	0.5	1	2	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.8		15-120		100	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.5		30-130		125	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.44		30-130		110	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7065		7.604			
1146-65-2	Naphthalene-d8	20850		10.366			
15067-26-2	Acenaphthene-d10	11354		14.236			

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	XA106DL2	SDG No.:	BN103124
Lab Sample ID:	P4476-07DL2	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
BN034762.D	20	10/24/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24341	16.983				
1719-03-5	Chrysene-d12	15860	21.177				
1520-96-3	Perylene-d12	13651	23.361				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.62	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	XA101	SDG No.:	BN103124
Lab Sample ID:	P4476-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034763.D	1	10/23/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164351

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	260	E	0.37	0.82	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.85	U	0.85	0.82	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.34	U	0.34	0.82	3.3	ug/Kg
208-96-8	Acenaphthylene	100	E	0.47	0.82	3.3	ug/Kg
83-32-9	Acenaphthene	260	E	0.39	0.82	3.3	ug/Kg
86-73-7	Fluorene	120	E	0.68	0.82	3.3	ug/Kg
87-86-5	Pentachlorophenol	1.4	U	1.4	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	100	E	0.51	0.82	3.3	ug/Kg
120-12-7	Anthracene	500	E	0.52	0.82	3.3	ug/Kg
206-44-0	Fluoranthene	140	E	0.68	0.82	3.3	ug/Kg
129-00-0	Pyrene	68	E	0.52	0.82	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	150	E	0.42	0.82	3.3	ug/Kg
218-01-9	Chrysene	57	E	0.42	0.82	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	E	0.21	0.82	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	E	0.39	0.82	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	50		0.36	0.82	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220	E	0.86	0.82	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	210	E	0.89	0.82	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	E	0.98	0.82	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.412		15-120		51	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.396		30-130		99	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.309		20-140		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7712		7.6			
1146-65-2	Naphthalene-d8	24581		10.366			
15067-26-2	Acenaphthene-d10	13308		14.236			

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	XA101	SDG No.:	BN103124
Lab Sample ID:	P4476-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BN034763.D	1	10/23/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	27425	16.983				
1719-03-5	Chrysene-d12	19397	21.177				
1520-96-3	Perylene-d12	17413	23.363				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	XA101DL	SDG No.:	BN103124
Lab Sample ID:	P4476-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BN034764.D	5	10/23/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.5	U	5.5	0	33	ug/Kg
91-20-3	Naphthalene	270	ED	1.8	4.1	16	ug/Kg
90-12-0	1-Methylnaphthalene	4.2	U	4.2	4.1	16	ug/Kg
91-57-6	2-Methylnaphthalene	1.7	U	1.7	4.1	16	ug/Kg
208-96-8	Acenaphthylene	100	D	2.3	4.1	16	ug/Kg
83-32-9	Acenaphthene	270	ED	1.9	4.1	16	ug/Kg
86-73-7	Fluorene	120	D	3.4	4.1	16	ug/Kg
87-86-5	Pentachlorophenol	7	U	7	8.3	33	ug/Kg
85-01-8	Phenanthrene	100	D	2.5	4.1	16	ug/Kg
120-12-7	Anthracene	510	ED	2.6	4.1	16	ug/Kg
206-44-0	Fluoranthene	150	D	3.4	4.1	16	ug/Kg
129-00-0	Pyrene	69	D	2.6	4.1	16	ug/Kg
56-55-3	Benzo(a)anthracene	150	D	2.1	4.1	16	ug/Kg
218-01-9	Chrysene	56	D	2.1	4.1	16	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	D	1	4.1	16	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	D	1.9	4.1	16	ug/Kg
50-32-8	Benzo(a)pyrene	50	D	1.8	4.1	16	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230	D	4.3	4.1	16	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	220	D	4.4	4.1	16	ug/Kg
191-24-2	Benzo(g,h,i)perylene	180	D	4.9	4.1	16	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.44		15-120		55	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.4		30-130		100	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	9050		7.6			
1146-65-2	Naphthalene-d8	27949		10.366			
15067-26-2	Acenaphthene-d10	15307		14.236			

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	XA101DL	SDG No.:	BN103124
Lab Sample ID:	P4476-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BN034764.D	5	10/23/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	31028	16.983				
1719-03-5	Chrysene-d12	20952	21.178				
1520-96-3	Perylene-d12	17294	23.364				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	XA101DL2	SDG No.:	BN103124
Lab Sample ID:	P4476-02DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BN034765.D	20	10/23/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	22	U	22	0	130	ug/Kg
91-20-3	Naphthalene	280	D	7.4	16.4	66	ug/Kg
90-12-0	1-Methylnaphthalene	17	U	17	16.4	66	ug/Kg
91-57-6	2-Methylnaphthalene	6.8	U	6.8	16.4	66	ug/Kg
208-96-8	Acenaphthylene	100	D	9.4	16.4	66	ug/Kg
83-32-9	Acenaphthene	280	D	7.8	16.4	66	ug/Kg
86-73-7	Fluorene	130	D	14	16.4	66	ug/Kg
87-86-5	Pentachlorophenol	28	U	28	33.4	130	ug/Kg
85-01-8	Phenanthrene	110	D	10	16.4	66	ug/Kg
120-12-7	Anthracene	530	D	10	16.4	66	ug/Kg
206-44-0	Fluoranthene	150	D	14	16.4	66	ug/Kg
129-00-0	Pyrene	70	D	10	16.4	66	ug/Kg
56-55-3	Benzo(a)anthracene	160	D	8.4	16.4	66	ug/Kg
218-01-9	Chrysene	61	JD	8.4	16.4	66	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	D	4.2	16.4	66	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	D	7.8	16.4	66	ug/Kg
50-32-8	Benzo(a)pyrene	52	JD	7.2	16.4	66	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	250	D	17	16.4	66	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	230	D	18	16.4	66	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190	D	20	16.4	66	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.58		15-120		72	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.4		30-130		100	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.34		20-140		85	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9271		7.604			
1146-65-2	Naphthalene-d8	28441		10.366			
15067-26-2	Acenaphthene-d10	15825		14.235			

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	XA101DL2	SDG No.:	BN103124
Lab Sample ID:	P4476-02DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BN034765.D	20	10/23/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	32299	16.983				
1719-03-5	Chrysene-d12	22852	21.174				
1520-96-3	Perylene-d12	20857	23.358				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	22	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SBLK418	SDG No.:	BN103124
Lab Sample ID:	PB164418BL	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
BN034767.D	1	10/24/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164418

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	6.038		15-120		75	SPK: -8
93951-69-0	Fluoranthene-d10	0.355		30-130		89	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	7566		7.604			
1146-65-2	Naphthalene-d8	23269		10.372			
15067-26-2	Acenaphthene-d10	12797		14.235			

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SBLK418	SDG No.:	BN103124
Lab Sample ID:	PB164418BL	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
BN034767.D	1	10/24/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25752	16.983				
1719-03-5	Chrysene-d12	16659	21.174				
1520-96-3	Perylene-d12	14333	23.36				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H48	SDG No.:	BN103124
Lab Sample ID:	P4529-20	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
BN034768.D	1	10/24/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164418

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	0.03	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	4.956		15-120		62	SPK: -8
93951-69-0	Fluoranthene-d10	0.493		30-130		123	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.375		30-130		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7527		7.604			
1146-65-2	Naphthalene-d8	23291		10.372			
15067-26-2	Acenaphthene-d10	12925		14.235			

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H48	SDG No.:	BN103124
Lab Sample ID:	P4529-20	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
BN034768.D	1	10/24/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	26189	16.983				
1719-03-5	Chrysene-d12	16877	21.174				
1520-96-3	Perylene-d12	13875	23.357				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L62	SDG No.:	BN103124
Lab Sample ID:	P4534-01	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
BN034769.D	1	10/24/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164418

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	4.912		15-120		61	SPK: -8
93951-69-0	Fluoranthene-d10	0.474		30-130		118	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.371		30-130		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8016		7.604			
1146-65-2	Naphthalene-d8	24669		10.372			
15067-26-2	Acenaphthene-d10	13382		14.236			

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L62	SDG No.:	BN103124
Lab Sample ID:	P4534-01	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
BN034769.D	1	10/24/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	27037	16.983				
1719-03-5	Chrysene-d12	17889	21.175				
1520-96-3	Perylene-d12	14188	23.355				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BHK68	SDG No.:	BN103124
Lab Sample ID:	P4435-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034770.D	1	10/23/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.3	ug/Kg
91-20-3	Naphthalene	0.4	U	0.4	0.9	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.93	U	0.93	0.9	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	0.37	U	0.37	0.9	3.6	ug/Kg
208-96-8	Acenaphthylene	4.7		0.51	0.9	3.6	ug/Kg
83-32-9	Acenaphthene	1.6	J	0.43	0.9	3.6	ug/Kg
86-73-7	Fluorene	2.1	J	0.74	0.9	3.6	ug/Kg
87-86-5	Pentachlorophenol	1.5	U	1.5	1.8	7.3	ug/Kg
85-01-8	Phenanthrene	22		0.56	0.9	3.6	ug/Kg
120-12-7	Anthracene	3.6		0.57	0.9	3.6	ug/Kg
206-44-0	Fluoranthene	30		0.74	0.9	3.6	ug/Kg
129-00-0	Pyrene	29		0.57	0.9	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	13		0.46	0.9	3.6	ug/Kg
218-01-9	Chrysene	15		0.46	0.9	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	17		0.23	0.9	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	6.4		0.43	0.9	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	14		0.39	0.9	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	7.1		0.94	0.9	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.2	J	0.97	0.9	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	8.8		1.1	0.9	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.688		15-120		59	SPK: -8
93951-69-0	Fluoranthene-d10	0.36		30-130		90	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.348		20-140		87	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6820		7.604			
1146-65-2	Naphthalene-d8	21494		10.372			
15067-26-2	Acenaphthene-d10	12187		14.236			

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BHK68	SDG No.:	BN103124
Lab Sample ID:	P4435-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034770.D	1	10/23/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24893	16.983				
1719-03-5	Chrysene-d12	17654	21.174				
1520-96-3	Perylene-d12	14833	23.355				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BHK68MS	SDG No.:	BN103124
Lab Sample ID:	P4435-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.3
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034771.D	1	10/23/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	40		1.2	0	7.3	ug/Kg
91-20-3	Naphthalene	9.8		0.4	0.9	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	12		0.92	0.9	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	10		0.37	0.9	3.6	ug/Kg
208-96-8	Acenaphthylene	12		0.51	0.9	3.6	ug/Kg
83-32-9	Acenaphthene	11		0.42	0.9	3.6	ug/Kg
86-73-7	Fluorene	11		0.74	0.9	3.6	ug/Kg
87-86-5	Pentachlorophenol	7.1	J	1.5	1.8	7.3	ug/Kg
85-01-8	Phenanthrene	18		0.55	0.9	3.6	ug/Kg
120-12-7	Anthracene	12		0.57	0.9	3.6	ug/Kg
206-44-0	Fluoranthene	22		0.74	0.9	3.6	ug/Kg
129-00-0	Pyrene	22		0.57	0.9	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	16		0.46	0.9	3.6	ug/Kg
218-01-9	Chrysene	17		0.46	0.9	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	18		0.23	0.9	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	15		0.42	0.9	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	17		0.39	0.9	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	14		0.94	0.9	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	13		0.97	0.9	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	15		1.1	0.9	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.439		15-120		55	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.325		30-130		81	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.286		20-140		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6275	7.604				
1146-65-2	Naphthalene-d8	19479	10.372				
15067-26-2	Acenaphthene-d10	10728	14.236				

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BHK68MS	SDG No.:	BN103124
Lab Sample ID:	P4435-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.3
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034771.D	1	10/23/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21882	16.983				
1719-03-5	Chrysene-d12	15486	21.172				
1520-96-3	Perylene-d12	12883	23.355				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BHK68MSD	SDG No.:	BN103124
Lab Sample ID:	P4435-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.3
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034772.D	1	10/23/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34		1.2	0	7.3	ug/Kg
91-20-3	Naphthalene	8.2		0.4	0.9	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	9.7		0.92	0.9	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	8.3		0.37	0.9	3.6	ug/Kg
208-96-8	Acenaphthylene	9.9		0.51	0.9	3.6	ug/Kg
83-32-9	Acenaphthene	8.9		0.42	0.9	3.6	ug/Kg
86-73-7	Fluorene	9.2		0.74	0.9	3.6	ug/Kg
87-86-5	Pentachlorophenol	5.8	J	1.5	1.8	7.3	ug/Kg
85-01-8	Phenanthrene	15		0.55	0.9	3.6	ug/Kg
120-12-7	Anthracene	9.6		0.57	0.9	3.6	ug/Kg
206-44-0	Fluoranthene	18		0.74	0.9	3.6	ug/Kg
129-00-0	Pyrene	18		0.57	0.9	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	14		0.46	0.9	3.6	ug/Kg
218-01-9	Chrysene	14		0.46	0.9	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	15		0.23	0.9	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	12		0.42	0.9	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	14		0.39	0.9	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	12		0.94	0.9	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	11		0.97	0.9	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	13		1.1	0.9	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.365		15-120		46	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.265		30-130		66	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.236		20-140		59	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6919		7.604			
1146-65-2	Naphthalene-d8	21471		10.367			
15067-26-2	Acenaphthene-d10	11736		14.236			

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BHK68MSD	SDG No.:	BN103124
Lab Sample ID:	P4435-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.3
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034772.D	1	10/23/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24021	16.983				
1719-03-5	Chrysene-d12	17440	21.175				
1520-96-3	Perylene-d12	15642	23.355				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H10	SDG No.:	BN103124
Lab Sample ID:	P4529-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034773.D	1	10/24/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	8.1	ug/Kg
91-20-3	Naphthalene	0.45	U	0.45	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	1	U	1	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	0.41	U	0.41	1	4	ug/Kg
208-96-8	Acenaphthylene	0.57	U	0.57	1	4	ug/Kg
83-32-9	Acenaphthene	2.1	J	0.47	1	4	ug/Kg
86-73-7	Fluorene	23		0.82	1	4	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2	8.1	ug/Kg
85-01-8	Phenanthrene	1	J	0.62	1	4	ug/Kg
120-12-7	Anthracene	0.63	U	0.63	1	4	ug/Kg
206-44-0	Fluoranthene	0.82	U	0.82	1	4	ug/Kg
129-00-0	Pyrene	0.63	U	0.63	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	0.51	U	0.51	1	4	ug/Kg
218-01-9	Chrysene	0.51	U	0.51	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.25	U	0.25	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.47	U	0.47	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	0.44	U	0.44	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.1	U	1.1	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.308		15-120		79	SPK: -8
93951-69-0	Fluoranthene-d10	0.431		30-130		108	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.423		20-140		106	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7762		7.604			
1146-65-2	Naphthalene-d8	24988		10.366			
15067-26-2	Acenaphthene-d10	14379		14.236			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H10	SDG No.:	BN103124
Lab Sample ID:	P4529-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.6
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
BN034773.D	1	10/24/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	28800	16.979				
1719-03-5	Chrysene-d12	19650	21.172				
1520-96-3	Perylene-d12	15994	23.358				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H11	SDG No.:	BN103124
Lab Sample ID:	P4529-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.4
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
BN034774.D	1	10/24/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.4	ug/Kg
91-20-3	Naphthalene	0.41	U	0.41	0.91	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.94	U	0.94	0.91	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	0.38	U	0.38	0.91	3.6	ug/Kg
208-96-8	Acenaphthylene	0.52	U	0.52	0.91	3.6	ug/Kg
83-32-9	Acenaphthene	0.43	U	0.43	0.91	3.6	ug/Kg
86-73-7	Fluorene	0.75	U	0.75	0.91	3.6	ug/Kg
87-86-5	Pentachlorophenol	1.5	U	1.5	1.8	7.4	ug/Kg
85-01-8	Phenanthrene	0.56	U	0.56	0.91	3.6	ug/Kg
120-12-7	Anthracene	0.57	U	0.57	0.91	3.6	ug/Kg
206-44-0	Fluoranthene	0.75	U	0.75	0.91	3.6	ug/Kg
129-00-0	Pyrene	0.57	U	0.57	0.91	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	0.46	U	0.46	0.91	3.6	ug/Kg
218-01-9	Chrysene	0.46	U	0.46	0.91	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.23	U	0.23	0.91	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.43	U	0.43	0.91	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	0.4	U	0.4	0.91	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.95	U	0.95	0.91	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.98	U	0.98	0.91	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	0.91	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.55		15-120		69	SPK: -8
93951-69-0	Fluoranthene-d10	0.429		30-130		107	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.411		20-140		103	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7845		7.604			
1146-65-2	Naphthalene-d8	24941		10.366			
15067-26-2	Acenaphthene-d10	14094		14.236			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H11	SDG No.:	BN103124
Lab Sample ID:	P4529-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.4
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
BN034774.D	1	10/24/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	28372	16.983				
1719-03-5	Chrysene-d12	19565	21.172				
1520-96-3	Perylene-d12	16378	23.355				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H12	SDG No.:	BN103124
Lab Sample ID:	P4529-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034775.D	1	10/24/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.4	ug/Kg
91-20-3	Naphthalene	0.41	U	0.41	0.91	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.94	U	0.94	0.91	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	0.37	U	0.37	0.91	3.6	ug/Kg
208-96-8	Acenaphthylene	0.52	U	0.52	0.91	3.6	ug/Kg
83-32-9	Acenaphthene	0.43	U	0.43	0.91	3.6	ug/Kg
86-73-7	Fluorene	0.81	J	0.75	0.91	3.6	ug/Kg
87-86-5	Pentachlorophenol	1.5	U	1.5	1.8	7.4	ug/Kg
85-01-8	Phenanthrene	0.56	U	0.56	0.91	3.6	ug/Kg
120-12-7	Anthracene	0.57	U	0.57	0.91	3.6	ug/Kg
206-44-0	Fluoranthene	1.2	J	0.75	0.91	3.6	ug/Kg
129-00-0	Pyrene	1.7	J	0.57	0.91	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	0.46	U	0.46	0.91	3.6	ug/Kg
218-01-9	Chrysene	0.81	J	0.46	0.91	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	1.4	J	0.23	0.91	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.43	U	0.43	0.91	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	0.4	U	0.4	0.91	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.95	U	0.95	0.91	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.98	U	0.98	0.91	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	0.91	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.807		15-120		73	SPK: -8
93951-69-0	Fluoranthene-d10	0.442		30-130		111	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.413		20-140		103	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9260	7.6				
1146-65-2	Naphthalene-d8	29176	10.366				
15067-26-2	Acenaphthene-d10	16403	14.236				

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H12	SDG No.:	BN103124
Lab Sample ID:	P4529-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.6
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
BN034775.D	1	10/24/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	32585	16.983				
1719-03-5	Chrysene-d12	21462	21.172				
1520-96-3	Perylene-d12	16826	23.355				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H13	SDG No.:	BN103124
Lab Sample ID:	P4529-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BN034776.D	1	10/24/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	7.7	ug/Kg
91-20-3	Naphthalene	0.42	U	0.42	0.95	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	0.98	U	0.98	0.95	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	0.39	U	0.39	0.95	3.8	ug/Kg
208-96-8	Acenaphthylene	0.54	U	0.54	0.95	3.8	ug/Kg
83-32-9	Acenaphthene	0.45	U	0.45	0.95	3.8	ug/Kg
86-73-7	Fluorene	0.78	U	0.78	0.95	3.8	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.7	ug/Kg
85-01-8	Phenanthrene	0.59	U	0.59	0.95	3.8	ug/Kg
120-12-7	Anthracene	0.6	U	0.6	0.95	3.8	ug/Kg
206-44-0	Fluoranthene	0.78	U	0.78	0.95	3.8	ug/Kg
129-00-0	Pyrene	0.6	U	0.6	0.95	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	0.48	U	0.48	0.95	3.8	ug/Kg
218-01-9	Chrysene	0.48	U	0.48	0.95	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.24	U	0.24	0.95	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.45	U	0.45	0.95	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	0.41	U	0.41	0.95	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.99	U	0.99	0.95	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1	U	1	0.95	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	0.95	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.772		15-120		85	SPK: -8
93951-69-0	Fluoranthene-d10	0.43		30-130		108	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.447		20-140		112	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8793	7.6				
1146-65-2	Naphthalene-d8	27899	10.366				
15067-26-2	Acenaphthene-d10	15969	14.236				

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H13	SDG No.:	BN103124
Lab Sample ID:	P4529-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034776.D	1	10/24/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	31606	16.979				
1719-03-5	Chrysene-d12	21479	21.172				
1520-96-3	Perylene-d12	17445	23.355				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	SLCS351	SDG No.:	BN103124
Lab Sample ID:	PB164351BS	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
BN034777.D	1	10/23/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	76		1.1	0	6.7	ug/Kg
91-20-3	Naphthalene	16		0.37	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	16		0.85	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	16		0.34	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	16		0.47	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	16		0.39	0.83	3.3	ug/Kg
86-73-7	Fluorene	15		0.68	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	32		1.4	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	15		0.51	0.83	3.3	ug/Kg
120-12-7	Anthracene	15		0.52	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	15		0.68	0.83	3.3	ug/Kg
129-00-0	Pyrene	16		0.52	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	16		0.42	0.83	3.3	ug/Kg
218-01-9	Chrysene	16		0.42	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	17		0.21	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	17		0.39	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	17		0.36	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	16		0.86	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	16		0.89	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	16		0.98	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.879		15-120		110	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.48		30-130		120	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.49		20-140		123	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7222		7.6			
1146-65-2	Naphthalene-d8	21776		10.366			
15067-26-2	Acenaphthene-d10	11957		14.236			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	SLCS351	SDG No.:	BN103124
Lab Sample ID:	PB164351BS	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
BN034777.D	1	10/23/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24536	16.979				
1719-03-5	Chrysene-d12	17199	21.172				
1520-96-3	Perylene-d12	14356	23.355				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SLCS418	SDG No.:	BN103124
Lab Sample ID:	PB164418BS	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
BN034778.D	1	10/24/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164418

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	0.4		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.41		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.41		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	0.4		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.4		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.71		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.41		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.4		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.41		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	0.42		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	0.45		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	0.43		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	0.42		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.41		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.772		15-120		97	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.429		30-130		107	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.44		30-130		110	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6794	7.6				
1146-65-2	Naphthalene-d8	20539	10.366				
15067-26-2	Acenaphthene-d10	11438	14.236				

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SLCS418	SDG No.:	BN103124
Lab Sample ID:	PB164418BS	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
BN034778.D	1	10/24/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23438	16.979				
1719-03-5	Chrysene-d12	15872	21.172				
1520-96-3	Perylene-d12	13170	23.355				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H17	SDG No.:	BN103124
Lab Sample ID:	P4529-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034779.D	1	10/24/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	7.9	ug/Kg
91-20-3	Naphthalene	0.87	J	0.44	0.97	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	1	U	1	0.97	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.4	U	0.4	0.97	3.9	ug/Kg
208-96-8	Acenaphthylene	1	J	0.55	0.97	3.9	ug/Kg
83-32-9	Acenaphthene	0.46	U	0.46	0.97	3.9	ug/Kg
86-73-7	Fluorene	0.91	J	0.8	0.97	3.9	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2	7.9	ug/Kg
85-01-8	Phenanthrene	3.6	J	0.6	0.97	3.9	ug/Kg
120-12-7	Anthracene	3.4	J	0.61	0.97	3.9	ug/Kg
206-44-0	Fluoranthene	12		0.8	0.97	3.9	ug/Kg
129-00-0	Pyrene	23		0.61	0.97	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	6.2		0.5	0.97	3.9	ug/Kg
218-01-9	Chrysene	9.6		0.5	0.97	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	18		0.25	0.97	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	6.9		0.46	0.97	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	9.6		0.43	0.97	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3.5	J	1	0.97	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.3	J	1.1	0.97	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3.4	J	1.2	0.97	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.564		15-120		57	SPK: -8
93951-69-0	Fluoranthene-d10	0.277		30-130		69	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.291		20-140		73	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7617		7.6			
1146-65-2	Naphthalene-d8	24200		10.366			
15067-26-2	Acenaphthene-d10	13599		14.236			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H17	SDG No.:	BN103124
Lab Sample ID:	P4529-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034779.D	1	10/24/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	27696	16.979				
1719-03-5	Chrysene-d12	19192	21.172				
1520-96-3	Perylene-d12	16314	23.358				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H15	SDG No.:	BN103124
Lab Sample ID:	P4529-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.7
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
BN034780.D	1	10/24/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	7.8	ug/Kg
91-20-3	Naphthalene	0.43	U	0.43	0.96	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	0.99	U	0.99	0.96	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.4	U	0.4	0.96	3.9	ug/Kg
208-96-8	Acenaphthylene	0.55	U	0.55	0.96	3.9	ug/Kg
83-32-9	Acenaphthene	0.46	U	0.46	0.96	3.9	ug/Kg
86-73-7	Fluorene	0.79	U	0.79	0.96	3.9	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	2	7.8	ug/Kg
85-01-8	Phenanthrene	0.6	U	0.6	0.96	3.9	ug/Kg
120-12-7	Anthracene	1.6	J	0.61	0.96	3.9	ug/Kg
206-44-0	Fluoranthene	3.9		0.79	0.96	3.9	ug/Kg
129-00-0	Pyrene	7.7		0.61	0.96	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	1.9	J	0.49	0.96	3.9	ug/Kg
218-01-9	Chrysene	2.8	J	0.49	0.96	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	4.5		0.25	0.96	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	1.6	J	0.46	0.96	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	1.9	J	0.42	0.96	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	0.96	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1	U	1	0.96	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	0.96	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.328		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.207		30-130		52	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.215		20-140		54	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7471		7.6			
1146-65-2	Naphthalene-d8	23626		10.366			
15067-26-2	Acenaphthene-d10	13350		14.236			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H15	SDG No.:	BN103124
Lab Sample ID:	P4529-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.7
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
BN034780.D	1	10/24/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	26631	16.979				
1719-03-5	Chrysene-d12	18341	21.172				
1520-96-3	Perylene-d12	15596	23.355				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H16	SDG No.:	BN103124
Lab Sample ID:	P4529-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034781.D	1	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	8.1	ug/Kg
91-20-3	Naphthalene	0.45	U	0.45	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	1	U	1	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	0.41	U	0.41	1	4	ug/Kg
208-96-8	Acenaphthylene	1.8	J	0.57	1	4	ug/Kg
83-32-9	Acenaphthene	0.47	U	0.47	1	4	ug/Kg
86-73-7	Fluorene	0.88	J	0.82	1	4	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2	8.1	ug/Kg
85-01-8	Phenanthrene	2.1	J	0.62	1	4	ug/Kg
120-12-7	Anthracene	6		0.63	1	4	ug/Kg
206-44-0	Fluoranthene	17		0.82	1	4	ug/Kg
129-00-0	Pyrene	40		0.63	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	10		0.51	1	4	ug/Kg
218-01-9	Chrysene	18		0.51	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	36		0.25	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	13		0.47	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	19		0.43	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	6.7		1	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.3	J	1.1	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	6.5		1.2	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.737		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.235		30-130		59	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.242		20-140		60	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8270		7.6			
1146-65-2	Naphthalene-d8	26415		10.366			
15067-26-2	Acenaphthene-d10	14899		14.236			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H16	SDG No.:	BN103124
Lab Sample ID:	P4529-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034781.D	1	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	29862	16.979				
1719-03-5	Chrysene-d12	21244	21.172				
1520-96-3	Perylene-d12	18175	23.355				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SLCS390	SDG No.:	BN103124
Lab Sample ID:	PB164390BS	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
BN034782.D	1	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	52		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	12		0.85	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	10		0.34	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	10		0.47	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	10		0.39	0.83	3.3	ug/Kg
86-73-7	Fluorene	9.5		0.68	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	20		1.4	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	9.8		0.51	0.83	3.3	ug/Kg
120-12-7	Anthracene	9.3		0.52	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	10		0.68	0.83	3.3	ug/Kg
129-00-0	Pyrene	10		0.52	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	11		0.42	0.83	3.3	ug/Kg
218-01-9	Chrysene	11		0.42	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	11		0.21	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	11		0.39	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	11		0.36	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	10		0.86	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	10		0.89	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	10		0.98	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.627		15-120		78	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.333		30-130		83	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.348		20-140		87	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7281		7.6			
1146-65-2	Naphthalene-d8	22241		10.366			
15067-26-2	Acenaphthene-d10	12614		14.236			

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SLCS390	SDG No.:	BN103124
Lab Sample ID:	PB164390BS	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
BN034782.D	1	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	26243	16.979				
1719-03-5	Chrysene-d12	18346	21.172				
1520-96-3	Perylene-d12	15555	23.352				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	SBLK351	SDG No.:	BN103124
Lab Sample ID:	PB164351BL	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
BN034784.D	1	10/23/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164351

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	5.288		15-120		66	SPK: -8
93951-69-0	Fluoranthene-d10	0.314		30-130		79	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.312		20-140		78	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7612	7.6				
1146-65-2	Naphthalene-d8	24584	10.366				
15067-26-2	Acenaphthene-d10	13812	14.236				

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	SBLK351	SDG No.:	BN103124
Lab Sample ID:	PB164351BL	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
BN034784.D	1	10/23/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	27922	16.979				
1719-03-5	Chrysene-d12	17916	21.172				
1520-96-3	Perylene-d12	15328	23.355				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SBLK390	SDG No.:	BN103124
Lab Sample ID:	PB164390BL	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
BN034785.D	1	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

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	6.383		15-120		80	SPK: -8
93951-69-0	Fluoranthene-d10	0.391		30-130		98	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.382		20-140		95	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8894	7.6				
1146-65-2	Naphthalene-d8	28621	10.366				
15067-26-2	Acenaphthene-d10	15999	14.236				

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SBLK390	SDG No.:	BN103124
Lab Sample ID:	PB164390BL	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
BN034785.D	1	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	31684	16.979				
1719-03-5	Chrysene-d12	20098	21.172				
1520-96-3	Perylene-d12	16177	23.355				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H14	SDG No.:	BN103124
Lab Sample ID:	P4529-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.7
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034786.D	1	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.5	ug/Kg
91-20-3	Naphthalene	0.41	U	0.41	0.92	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	0.95	U	0.95	0.92	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	0.38	U	0.38	0.92	3.7	ug/Kg
208-96-8	Acenaphthylene	11		0.53	0.92	3.7	ug/Kg
83-32-9	Acenaphthene	0.44	U	0.44	0.92	3.7	ug/Kg
86-73-7	Fluorene	1.6	J	0.76	0.92	3.7	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.5	ug/Kg
85-01-8	Phenanthrene	2.9	J	0.57	0.92	3.7	ug/Kg
120-12-7	Anthracene	27		0.58	0.92	3.7	ug/Kg
206-44-0	Fluoranthene	74	E	0.76	0.92	3.7	ug/Kg
129-00-0	Pyrene	310	E	0.58	0.92	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	78	E	0.47	0.92	3.7	ug/Kg
218-01-9	Chrysene	120	E	0.47	0.92	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	320	E	0.24	0.92	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	E	0.44	0.92	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	180	E	0.4	0.92	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	57		0.96	0.92	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	19		1	0.92	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52		1.1	0.92	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.595		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.199		30-130		50	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.226		20-140		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8377		7.6			
1146-65-2	Naphthalene-d8	26840		10.366			
15067-26-2	Acenaphthene-d10	14994		14.236			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H14	SDG No.:	BN103124
Lab Sample ID:	P4529-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034786.D	1	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	30508	16.979				
1719-03-5	Chrysene-d12	23199	21.172				
1520-96-3	Perylene-d12	19147	23.355				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H24	SDG No.:	BN103124
Lab Sample ID:	P4529-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034787.D	1	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	7.7	ug/Kg
91-20-3	Naphthalene	2.6	J	0.43	0.95	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	0.98	U	0.98	0.95	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	2	J	0.39	0.95	3.8	ug/Kg
208-96-8	Acenaphthylene	13		0.54	0.95	3.8	ug/Kg
83-32-9	Acenaphthene	0.45	U	0.45	0.95	3.8	ug/Kg
86-73-7	Fluorene	4.7		0.78	0.95	3.8	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.7	ug/Kg
85-01-8	Phenanthrene	18		0.59	0.95	3.8	ug/Kg
120-12-7	Anthracene	72	E	0.6	0.95	3.8	ug/Kg
206-44-0	Fluoranthene	74	E	0.78	0.95	3.8	ug/Kg
129-00-0	Pyrene	92	E	0.6	0.95	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	54		0.48	0.95	3.8	ug/Kg
218-01-9	Chrysene	73	E	0.48	0.95	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	E	0.24	0.95	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	43		0.45	0.95	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	65	E	0.42	0.95	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36		0.99	0.95	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	11		1	0.95	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39		1.1	0.95	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.058		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.266		30-130		67	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.283		20-140		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8253		7.6			
1146-65-2	Naphthalene-d8	26073		10.366			
15067-26-2	Acenaphthene-d10	14881		14.236			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H24	SDG No.:	BN103124
Lab Sample ID:	P4529-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034787.D	1	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	30472	16.979				
1719-03-5	Chrysene-d12	22371	21.172				
1520-96-3	Perylene-d12	17490	23.355				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H25	SDG No.:	BN103124
Lab Sample ID:	P4529-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034788.D	1	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	7.6	ug/Kg
91-20-3	Naphthalene	0.42	U	0.42	0.94	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	0.97	U	0.97	0.94	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	0.39	U	0.39	0.94	3.8	ug/Kg
208-96-8	Acenaphthylene	0.53	U	0.53	0.94	3.8	ug/Kg
83-32-9	Acenaphthene	0.44	U	0.44	0.94	3.8	ug/Kg
86-73-7	Fluorene	0.77	U	0.77	0.94	3.8	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.6	ug/Kg
85-01-8	Phenanthrene	0.58	U	0.58	0.94	3.8	ug/Kg
120-12-7	Anthracene	0.59	U	0.59	0.94	3.8	ug/Kg
206-44-0	Fluoranthene	0.77	U	0.77	0.94	3.8	ug/Kg
129-00-0	Pyrene	0.59	U	0.59	0.94	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	0.48	U	0.48	0.94	3.8	ug/Kg
218-01-9	Chrysene	0.48	U	0.48	0.94	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.24	U	0.24	0.94	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.44	U	0.44	0.94	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	0.41	U	0.41	0.94	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.98	U	0.98	0.94	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1	U	1	0.94	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	0.94	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.715		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.247		30-130		62	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.259		20-140		65	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7448		7.6			
1146-65-2	Naphthalene-d8	23471		10.366			
15067-26-2	Acenaphthene-d10	13423		14.236			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H25	SDG No.:	BN103124
Lab Sample ID:	P4529-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034788.D	1	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	27318	16.979				
1719-03-5	Chrysene-d12	19672	21.172				
1520-96-3	Perylene-d12	16287	23.355				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H21	SDG No.:	BN103124
Lab Sample ID:	P4529-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.4
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
BN034789.D	1	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.3	ug/Kg
91-20-3	Naphthalene	0.4	U	0.4	0.9	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.93	U	0.93	0.9	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	0.37	U	0.37	0.9	3.6	ug/Kg
208-96-8	Acenaphthylene	0.51	U	0.51	0.9	3.6	ug/Kg
83-32-9	Acenaphthene	0.43	U	0.43	0.9	3.6	ug/Kg
86-73-7	Fluorene	0.74	U	0.74	0.9	3.6	ug/Kg
87-86-5	Pentachlorophenol	1.5	U	1.5	1.8	7.3	ug/Kg
85-01-8	Phenanthrene	0.56	U	0.56	0.9	3.6	ug/Kg
120-12-7	Anthracene	0.57	U	0.57	0.9	3.6	ug/Kg
206-44-0	Fluoranthene	0.74	U	0.74	0.9	3.6	ug/Kg
129-00-0	Pyrene	0.57	U	0.57	0.9	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	0.46	U	0.46	0.9	3.6	ug/Kg
218-01-9	Chrysene	0.46	U	0.46	0.9	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.23	U	0.23	0.9	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.43	U	0.43	0.9	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	0.39	U	0.39	0.9	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.94	U	0.94	0.9	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.97	U	0.97	0.9	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	0.9	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.496		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.245		30-130		61	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.249		20-140		62	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7465	7.6				
1146-65-2	Naphthalene-d8	23529	10.366				
15067-26-2	Acenaphthene-d10	13341	14.231				

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H21	SDG No.:	BN103124
Lab Sample ID:	P4529-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.4
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
BN034789.D	1	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	26834	16.979				
1719-03-5	Chrysene-d12	18565	21.172				
1520-96-3	Perylene-d12	14674	23.352				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H22	SDG No.:	BN103124
Lab Sample ID:	P4529-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034790.D	1	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.6	ug/Kg
91-20-3	Naphthalene	0.42	U	0.42	0.94	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	0.96	U	0.96	0.94	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	0.39	U	0.39	0.94	3.7	ug/Kg
208-96-8	Acenaphthylene	0.53	U	0.53	0.94	3.7	ug/Kg
83-32-9	Acenaphthene	0.44	U	0.44	0.94	3.7	ug/Kg
86-73-7	Fluorene	0.77	U	0.77	0.94	3.7	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.6	ug/Kg
85-01-8	Phenanthrene	0.58	U	0.58	0.94	3.7	ug/Kg
120-12-7	Anthracene	0.59	U	0.59	0.94	3.7	ug/Kg
206-44-0	Fluoranthene	0.77	U	0.77	0.94	3.7	ug/Kg
129-00-0	Pyrene	0.59	U	0.59	0.94	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	0.48	U	0.48	0.94	3.7	ug/Kg
218-01-9	Chrysene	0.48	U	0.48	0.94	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.24	U	0.24	0.94	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.44	U	0.44	0.94	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	0.41	U	0.41	0.94	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.98	U	0.98	0.94	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1	U	1	0.94	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	0.94	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.066		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.273		30-130		68	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.274		20-140		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7847		7.6			
1146-65-2	Naphthalene-d8	25146		10.366			
15067-26-2	Acenaphthene-d10	14390		14.235			

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H22	SDG No.:	BN103124
Lab Sample ID:	P4529-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034790.D	1	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	29038	16.979				
1719-03-5	Chrysene-d12	20095	21.174				
1520-96-3	Perylene-d12	16034	23.354				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H23	SDG No.:	BN103124
Lab Sample ID:	P4529-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034791.D	1	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

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	0.46	U	0.46	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	0.42	U	0.42	1	4.1	ug/Kg
208-96-8	Acenaphthylene	0.59	U	0.59	1	4.1	ug/Kg
83-32-9	Acenaphthene	0.49	U	0.49	1	4.1	ug/Kg
86-73-7	Fluorene	0.85	U	0.85	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2.1	8.4	ug/Kg
85-01-8	Phenanthrene	0.64	U	0.64	1	4.1	ug/Kg
120-12-7	Anthracene	0.65	U	0.65	1	4.1	ug/Kg
206-44-0	Fluoranthene	0.85	U	0.85	1	4.1	ug/Kg
129-00-0	Pyrene	0.65	U	0.65	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	0.52	U	0.52	1	4.1	ug/Kg
218-01-9	Chrysene	0.52	U	0.52	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.26	U	0.26	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.49	U	0.49	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	0.45	U	0.45	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.1	U	1.1	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.051		15-120		63	SPK: -8
93951-69-0	Fluoranthene-d10	0.425		30-130		106	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.363		20-140		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8621	7.6				
1146-65-2	Naphthalene-d8	27833	10.366				
15067-26-2	Acenaphthene-d10	15978	14.231				

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H23	SDG No.:	BN103124
Lab Sample ID:	P4529-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034791.D	1	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	32434	16.979				
1719-03-5	Chrysene-d12	21613	21.172				
1520-96-3	Perylene-d12	17031	23.355				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H35	SDG No.:	BN103124
Lab Sample ID:	P4529-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.1
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
BN034792.D	1	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.3	ug/Kg
91-20-3	Naphthalene	0.4	U	0.4	0.9	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.92	U	0.92	0.9	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	0.37	U	0.37	0.9	3.6	ug/Kg
208-96-8	Acenaphthylene	0.51	U	0.51	0.9	3.6	ug/Kg
83-32-9	Acenaphthene	0.42	U	0.42	0.9	3.6	ug/Kg
86-73-7	Fluorene	0.74	U	0.74	0.9	3.6	ug/Kg
87-86-5	Pentachlorophenol	1.5	U	1.5	1.8	7.3	ug/Kg
85-01-8	Phenanthrene	1.2	J	0.55	0.9	3.6	ug/Kg
120-12-7	Anthracene	0.57	U	0.57	0.9	3.6	ug/Kg
206-44-0	Fluoranthene	0.74	U	0.74	0.9	3.6	ug/Kg
129-00-0	Pyrene	0.57	U	0.57	0.9	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	0.46	U	0.46	0.9	3.6	ug/Kg
218-01-9	Chrysene	0.46	U	0.46	0.9	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.23	U	0.23	0.9	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.42	U	0.42	0.9	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	0.39	U	0.39	0.9	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.94	U	0.94	0.9	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.97	U	0.97	0.9	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	0.9	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.33		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.302		30-130		75	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.312		20-140		78	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8085		7.6			
1146-65-2	Naphthalene-d8	25582		10.367			
15067-26-2	Acenaphthene-d10	14853		14.231			

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H35	SDG No.:	BN103124
Lab Sample ID:	P4529-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.1
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
BN034792.D	1	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	31002	16.979				
1719-03-5	Chrysene-d12	21516	21.172				
1520-96-3	Perylene-d12	17732	23.355				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H36	SDG No.:	BN103124
Lab Sample ID:	P4529-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034793.D	1	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	7.6	ug/Kg
91-20-3	Naphthalene	0.42	U	0.42	0.94	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	0.97	U	0.97	0.94	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	0.39	U	0.39	0.94	3.8	ug/Kg
208-96-8	Acenaphthylene	0.54	U	0.54	0.94	3.8	ug/Kg
83-32-9	Acenaphthene	0.44	U	0.44	0.94	3.8	ug/Kg
86-73-7	Fluorene	0.78	U	0.78	0.94	3.8	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.6	ug/Kg
85-01-8	Phenanthrene	0.58	U	0.58	0.94	3.8	ug/Kg
120-12-7	Anthracene	0.59	U	0.59	0.94	3.8	ug/Kg
206-44-0	Fluoranthene	0.78	U	0.78	0.94	3.8	ug/Kg
129-00-0	Pyrene	0.59	U	0.59	0.94	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	0.48	U	0.48	0.94	3.8	ug/Kg
218-01-9	Chrysene	0.48	U	0.48	0.94	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.24	U	0.24	0.94	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.44	U	0.44	0.94	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	0.41	U	0.41	0.94	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.98	U	0.98	0.94	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1	U	1	0.94	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	0.94	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.117		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.21		30-130		52	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.206		20-140		51	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8035		7.6			
1146-65-2	Naphthalene-d8	25648		10.366			
15067-26-2	Acenaphthene-d10	14563		14.231			

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H36	SDG No.:	BN103124
Lab Sample ID:	P4529-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.6
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
BN034793.D	1	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	29963	16.979				
1719-03-5	Chrysene-d12	21590	21.171				
1520-96-3	Perylene-d12	17711	23.355				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H37	SDG No.:	BN103124
Lab Sample ID:	P4529-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034794.D	1	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	7.9	ug/Kg
91-20-3	Naphthalene	0.44	U	0.44	0.98	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	1	U	1	0.98	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.4	U	0.4	0.98	3.9	ug/Kg
208-96-8	Acenaphthylene	0.56	U	0.56	0.98	3.9	ug/Kg
83-32-9	Acenaphthene	0.46	U	0.46	0.98	3.9	ug/Kg
86-73-7	Fluorene	0.81	U	0.81	0.98	3.9	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2	7.9	ug/Kg
85-01-8	Phenanthrene	0.61	U	0.61	0.98	3.9	ug/Kg
120-12-7	Anthracene	0.62	U	0.62	0.98	3.9	ug/Kg
206-44-0	Fluoranthene	0.81	U	0.81	0.98	3.9	ug/Kg
129-00-0	Pyrene	0.62	U	0.62	0.98	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	0.5	U	0.5	0.98	3.9	ug/Kg
218-01-9	Chrysene	0.5	U	0.5	0.98	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	1.1	J	0.25	0.98	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.46	U	0.46	0.98	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	0.43	U	0.43	0.98	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	0.98	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.1	U	1.1	0.98	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	0.98	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.991		15-120		75	SPK: -8
93951-69-0	Fluoranthene-d10	0.443		30-130		111	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.437		20-140		109	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9752		7.6			
1146-65-2	Naphthalene-d8	31272		10.366			
15067-26-2	Acenaphthene-d10	17992		14.231			

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H37	SDG No.:	BN103124
Lab Sample ID:	P4529-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034794.D	1	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	36126	16.979				
1719-03-5	Chrysene-d12	24194	21.169				
1520-96-3	Perylene-d12	18721	23.352				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H45	SDG No.:	BN103124
Lab Sample ID:	P4529-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034795.D	1	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.5	ug/Kg
91-20-3	Naphthalene	0.41	U	0.41	0.92	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	0.95	U	0.95	0.92	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	0.38	U	0.38	0.92	3.7	ug/Kg
208-96-8	Acenaphthylene	1.8	J	0.53	0.92	3.7	ug/Kg
83-32-9	Acenaphthene	0.44	U	0.44	0.92	3.7	ug/Kg
86-73-7	Fluorene	0.76	U	0.76	0.92	3.7	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.5	ug/Kg
85-01-8	Phenanthrene	1.3	J	0.57	0.92	3.7	ug/Kg
120-12-7	Anthracene	1.9	J	0.58	0.92	3.7	ug/Kg
206-44-0	Fluoranthene	7.5		0.76	0.92	3.7	ug/Kg
129-00-0	Pyrene	7.4		0.58	0.92	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	4		0.47	0.92	3.7	ug/Kg
218-01-9	Chrysene	8.2		0.47	0.92	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	16		0.24	0.92	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	5.4		0.44	0.92	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	7.2		0.4	0.92	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4.4		0.96	0.92	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.5	J	1	0.92	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4.7		1.1	0.92	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.156		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.264		30-130		66	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.283		20-140		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8341		7.6			
1146-65-2	Naphthalene-d8	26522		10.366			
15067-26-2	Acenaphthene-d10	15130		14.231			

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H45	SDG No.:	BN103124
Lab Sample ID:	P4529-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11
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
BN034795.D	1	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	30730	16.979				
1719-03-5	Chrysene-d12	21696	21.168				
1520-96-3	Perylene-d12	17478	23.349				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H46	SDG No.:	BN103124
Lab Sample ID:	P4529-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15
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
BN034796.D	1	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	7.9	ug/Kg
91-20-3	Naphthalene	0.44	U	0.44	0.97	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	1	U	1	0.97	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.4	U	0.4	0.97	3.9	ug/Kg
208-96-8	Acenaphthylene	0.55	U	0.55	0.97	3.9	ug/Kg
83-32-9	Acenaphthene	0.46	U	0.46	0.97	3.9	ug/Kg
86-73-7	Fluorene	0.8	U	0.8	0.97	3.9	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	2	7.9	ug/Kg
85-01-8	Phenanthrene	0.6	U	0.6	0.97	3.9	ug/Kg
120-12-7	Anthracene	0.61	U	0.61	0.97	3.9	ug/Kg
206-44-0	Fluoranthene	0.8	U	0.8	0.97	3.9	ug/Kg
129-00-0	Pyrene	0.61	U	0.61	0.97	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	0.49	U	0.49	0.97	3.9	ug/Kg
218-01-9	Chrysene	0.49	U	0.49	0.97	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.25	U	0.25	0.97	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.46	U	0.46	0.97	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	0.42	U	0.42	0.97	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	0.97	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1	U	1	0.97	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	0.97	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.214		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.279		30-130		70	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.285		20-140		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8396	7.6				
1146-65-2	Naphthalene-d8	26749	10.366				
15067-26-2	Acenaphthene-d10	15352	14.231				

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H46	SDG No.:	BN103124
Lab Sample ID:	P4529-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15
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
BN034796.D	1	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	30951	16.979				
1719-03-5	Chrysene-d12	20638	21.169				
1520-96-3	Perylene-d12	15540	23.349				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H47	SDG No.:	BN103124
Lab Sample ID:	P4529-19	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034797.D	1	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	7.8	ug/Kg
91-20-3	Naphthalene	0.43	U	0.43	0.96	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	0.99	U	0.99	0.96	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	0.39	U	0.39	0.96	3.8	ug/Kg
208-96-8	Acenaphthylene	0.55	U	0.55	0.96	3.8	ug/Kg
83-32-9	Acenaphthene	0.45	U	0.45	0.96	3.8	ug/Kg
86-73-7	Fluorene	0.79	U	0.79	0.96	3.8	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.8	ug/Kg
85-01-8	Phenanthrene	0.59	U	0.59	0.96	3.8	ug/Kg
120-12-7	Anthracene	0.6	U	0.6	0.96	3.8	ug/Kg
206-44-0	Fluoranthene	0.79	U	0.79	0.96	3.8	ug/Kg
129-00-0	Pyrene	0.6	U	0.6	0.96	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	0.49	U	0.49	0.96	3.8	ug/Kg
218-01-9	Chrysene	0.49	U	0.49	0.96	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.24	U	0.24	0.96	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.45	U	0.45	0.96	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	0.42	U	0.42	0.96	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	0.96	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1	U	1	0.96	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	0.96	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.656		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.316		30-130		79	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.321		20-140		80	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7345		7.6			
1146-65-2	Naphthalene-d8	23579		10.366			
15067-26-2	Acenaphthene-d10	13545		14.231			

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H47	SDG No.:	BN103124
Lab Sample ID:	P4529-19	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034797.D	1	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	27796	16.979				
1719-03-5	Chrysene-d12	19391	21.169				
1520-96-3	Perylene-d12	15857	23.349				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H24DL	SDG No.:	BN103124
Lab Sample ID:	P4529-09DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034798.D	5	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.3	U	6.3	0	39	ug/Kg
91-20-3	Naphthalene	2.1	U	2.1	4.8	19	ug/Kg
90-12-0	1-Methylnaphthalene	4.9	U	4.9	4.8	19	ug/Kg
91-57-6	2-Methylnaphthalene	2	U	2	4.8	19	ug/Kg
208-96-8	Acenaphthylene	17	JD	2.7	4.8	19	ug/Kg
83-32-9	Acenaphthene	2.2	U	2.2	4.8	19	ug/Kg
86-73-7	Fluorene	5.6	JD	3.9	4.8	19	ug/Kg
87-86-5	Pentachlorophenol	8.1	U	8.1	9.7	39	ug/Kg
85-01-8	Phenanthrene	21	D	2.9	4.8	19	ug/Kg
120-12-7	Anthracene	88	D	3	4.8	19	ug/Kg
206-44-0	Fluoranthene	89	D	3.9	4.8	19	ug/Kg
129-00-0	Pyrene	120	D	3	4.8	19	ug/Kg
56-55-3	Benzo(a)anthracene	62	D	2.4	4.8	19	ug/Kg
218-01-9	Chrysene	88	D	2.4	4.8	19	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	D	1.2	4.8	19	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	D	2.2	4.8	19	ug/Kg
50-32-8	Benzo(a)pyrene	68	D	2.1	4.8	19	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	40	D	5	4.8	19	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	12	JD	5.1	4.8	19	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	D	5.7	4.8	19	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.9		15-120		61	SPK: -8
93951-69-0	Fluoranthene-d10	0.32		30-130		80	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.335		20-140		84	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7968		7.6			
1146-65-2	Naphthalene-d8	24503		10.366			
15067-26-2	Acenaphthene-d10	13666		14.231			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H24DL	SDG No.:	BN103124
Lab Sample ID:	P4529-09DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034798.D	5	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	27735	16.979				
1719-03-5	Chrysene-d12	19516	21.169				
1520-96-3	Perylene-d12	16212	23.349				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H14DL	SDG No.:	BN103124
Lab Sample ID:	P4529-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034799.D	5	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

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	4.6	18	ug/Kg
90-12-0	1-Methylnaphthalene	4.8	U	4.8	4.6	18	ug/Kg
91-57-6	2-Methylnaphthalene	1.9	U	1.9	4.6	18	ug/Kg
208-96-8	Acenaphthylene	15	JD	2.6	4.6	18	ug/Kg
83-32-9	Acenaphthene	2.2	U	2.2	4.6	18	ug/Kg
86-73-7	Fluorene	3.8	U	3.8	4.6	18	ug/Kg
87-86-5	Pentachlorophenol	7.8	U	7.8	9.4	38	ug/Kg
85-01-8	Phenanthrene	3.7	JD	2.9	4.6	18	ug/Kg
120-12-7	Anthracene	33	D	2.9	4.6	18	ug/Kg
206-44-0	Fluoranthene	93	D	3.8	4.6	18	ug/Kg
129-00-0	Pyrene	430	ED	2.9	4.6	18	ug/Kg
56-55-3	Benzo(a)anthracene	96	D	2.4	4.6	18	ug/Kg
218-01-9	Chrysene	150	D	2.4	4.6	18	ug/Kg
205-99-2	Benzo(b)fluoranthene	380	ED	1.2	4.6	18	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	D	2.2	4.6	18	ug/Kg
50-32-8	Benzo(a)pyrene	170	D	2	4.6	18	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	62	D	4.8	4.6	18	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	23	D	5	4.6	18	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57	D	5.5	4.6	18	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.445		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.245		30-130		61	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.28		20-140		70	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7154	7.6				
1146-65-2	Naphthalene-d8	22485	10.366				
15067-26-2	Acenaphthene-d10	12693	14.231				

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H14DL	SDG No.:	BN103124
Lab Sample ID:	P4529-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034799.D	5	10/24/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	26118	16.975				
1719-03-5	Chrysene-d12	19249	21.169				
1520-96-3	Perylene-d12	16718	23.352				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SBLK465	SDG No.:	BN103124
Lab Sample ID:	PB164465BL	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
BN034801.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164465

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	5.182		15-120		65	SPK: -8
93951-69-0	Fluoranthene-d10	0.303		30-130		76	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.298		30-130		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7818	7.6				
1146-65-2	Naphthalene-d8	24510	10.366				
15067-26-2	Acenaphthene-d10	13392	14.231				

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SBLK465	SDG No.:	BN103124
Lab Sample ID:	PB164465BL	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
BN034801.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164465

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	26954	16.975				
1719-03-5	Chrysene-d12	17860	21.169				
1520-96-3	Perylene-d12	14737	23.352				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SBLK483	SDG No.:	BN103124
Lab Sample ID:	PB164483BL	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
BN034802.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164483

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	7.019		15-120		88	SPK: -8
93951-69-0	Fluoranthene-d10	0.428		30-130		107	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.41		30-130		102	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6475	7.6				
1146-65-2	Naphthalene-d8	20403	10.367				
15067-26-2	Acenaphthene-d10	11288	14.231				

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SBLK483	SDG No.:	BN103124
Lab Sample ID:	PB164483BL	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
BN034802.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22975	16.975				
1719-03-5	Chrysene-d12	14676	21.169				
1520-96-3	Perylene-d12	11615	23.349				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H49	SDG No.:	BN103124
Lab Sample ID:	P4530-03	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
BN034803.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164465

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	0.04	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	5.295		15-120		66	SPK: -8
93951-69-0	Fluoranthene-d10	0.501		30-130		125	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.406		30-130		101	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6293	7.6				
1146-65-2	Naphthalene-d8	19648	10.366				
15067-26-2	Acenaphthene-d10	11003	14.231				

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H49	SDG No.:	BN103124
Lab Sample ID:	P4530-03	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
BN034803.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164465

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22222	16.975				
1719-03-5	Chrysene-d12	14808	21.169				
1520-96-3	Perylene-d12	12194	23.349				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H50	SDG No.:	BN103124
Lab Sample ID:	P4530-18	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
BN034804.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164465

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	0.04	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	5.11		15-120		64	SPK: -8
93951-69-0	Fluoranthene-d10	0.471		30-130		118	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.37		30-130		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6927		7.596			
1146-65-2	Naphthalene-d8	21578		10.366			
15067-26-2	Acenaphthene-d10	12011		14.231			

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H50	SDG No.:	BN103124
Lab Sample ID:	P4530-18	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
BN034804.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164465

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24202	16.979				
1719-03-5	Chrysene-d12	16086	21.169				
1520-96-3	Perylene-d12	12785	23.352				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1LB1	SDG No.:	BN103124
Lab Sample ID:	P4534-09	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
BN034805.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164465

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	4.948		15-120		62	SPK: -8
93951-69-0	Fluoranthene-d10	0.494		30-130		123	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.375		30-130		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6432		7.596			
1146-65-2	Naphthalene-d8	19989		10.366			
15067-26-2	Acenaphthene-d10	11231		14.231			

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1LB1	SDG No.:	BN103124
Lab Sample ID:	P4534-09	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
BN034805.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164465

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22808	16.975				
1719-03-5	Chrysene-d12	15369	21.169				
1520-96-3	Perylene-d12	12647	23.349				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1LB2	SDG No.:	BN103124
Lab Sample ID:	P4534-10	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	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
BN034806.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164465

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.01	U	0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.04	U	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0	U	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.025		15-120		63	SPK: -8
93951-69-0	Fluoranthene-d10	0.458		30-130		114	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.377		30-130		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5405	7.6				
1146-65-2	Naphthalene-d8	16694	10.366				
15067-26-2	Acenaphthene-d10	9240	14.231				

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1LB2	SDG No.:	BN103124
Lab Sample ID:	P4534-10	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034806.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164465

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19212	16.975				
1719-03-5	Chrysene-d12	14066	21.166				
1520-96-3	Perylene-d12	12733	23.346				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1LB3	SDG No.:	BN103124
Lab Sample ID:	P4534-11	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
BN034807.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164465

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	4.759		15-120		59	SPK: -8
93951-69-0	Fluoranthene-d10	0.459		30-130		115	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.367		30-130		92	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6169		7.596			
1146-65-2	Naphthalene-d8	19065		10.361			
15067-26-2	Acenaphthene-d10	10602		14.231			

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1LB3	SDG No.:	BN103124
Lab Sample ID:	P4534-11	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
BN034807.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164465

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21979	16.975				
1719-03-5	Chrysene-d12	15563	21.169				
1520-96-3	Perylene-d12	13067	23.349				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	E1L95	SDG No.:	BN103124
Lab Sample ID:	P4534-16	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
BN034808.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164483

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	4.329		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.434		30-130		108	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.387		30-130		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6590		7.596			
1146-65-2	Naphthalene-d8	20135		10.361			
15067-26-2	Acenaphthene-d10	11195		14.231			

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	E1L95	SDG No.:	BN103124
Lab Sample ID:	P4534-16	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
BN034808.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22591	16.975				
1719-03-5	Chrysene-d12	15302	21.169				
1520-96-3	Perylene-d12	12731	23.349				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L64	SDG No.:	BN103124
Lab Sample ID:	P4534-17	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034809.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.06	J	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.01	U	0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.04	U	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0	U	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.23		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.362		30-130		90	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.343		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7481		7.596			
1146-65-2	Naphthalene-d8	22989		10.361			
15067-26-2	Acenaphthene-d10	12870		14.231			

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L64	SDG No.:	BN103124
Lab Sample ID:	P4534-17	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034809.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	26512	16.979				
1719-03-5	Chrysene-d12	19471	21.172				
1520-96-3	Perylene-d12	15645	23.355				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L77	SDG No.:	BN103124
Lab Sample ID:	P4558-01	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
BN034810.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.11	J	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	4.101		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.408		30-130		102	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.375		30-130		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7304		7.596			
1146-65-2	Naphthalene-d8	22370		10.361			
15067-26-2	Acenaphthene-d10	12533		14.231			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L77	SDG No.:	BN103124
Lab Sample ID:	P4558-01	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
BN034810.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	26050	16.975				
1719-03-5	Chrysene-d12	17891	21.169				
1520-96-3	Perylene-d12	14823	23.352				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L79	SDG No.:	BN103124
Lab Sample ID:	P4558-02	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
BN034811.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164483

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	4.245		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.467		30-130		117	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.429		30-130		107	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6663	7.596				
1146-65-2	Naphthalene-d8	20459	10.361				
15067-26-2	Acenaphthene-d10	11747	14.231				

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L79	SDG No.:	BN103124
Lab Sample ID:	P4558-02	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
BN034811.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24483	16.975				
1719-03-5	Chrysene-d12	17618	21.169				
1520-96-3	Perylene-d12	14863	23.352				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L63	SDG No.:	BN103124
Lab Sample ID:	P4534-02	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
BN034812.D	1	10/26/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164447

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	5.781		15-120		72	SPK: -8
93951-69-0	Fluoranthene-d10	0.53	*	30-130		132	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.407		30-130		102	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6530		7.596			
1146-65-2	Naphthalene-d8	19933		10.361			
15067-26-2	Acenaphthene-d10	11249		14.231			

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L63	SDG No.:	BN103124
Lab Sample ID:	P4534-02	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
BN034812.D	1	10/26/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22721	16.975				
1719-03-5	Chrysene-d12	15537	21.168				
1520-96-3	Perylene-d12	12367	23.352				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L63MS	SDG No.:	BN103124
Lab Sample ID:	P4534-03MS	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
BN034813.D	1	10/26/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.81		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	0.37		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.36		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.4		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.4		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.42		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	1.1		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.45		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.43		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	0.47		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.49		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.5		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.53		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.52		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.48		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.52		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.53		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.52		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.3		15-120		38	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.482		30-130		120	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.383		30-130		96	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8092	7.596				
1146-65-2	Naphthalene-d8	24113	10.361				
15067-26-2	Acenaphthene-d10	12799	14.231				

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L63MS	SDG No.:	BN103124
Lab Sample ID:	P4534-03MS	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
BN034813.D	1	10/26/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	26104	16.975				
1719-03-5	Chrysene-d12	18443	21.169				
1520-96-3	Perylene-d12	14998	23.352				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L63MSD	SDG No.:	BN103124
Lab Sample ID:	P4534-04MSD	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
BN034814.D	1	10/26/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.87		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.4		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.4		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.39		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.43		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.43		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.45		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	1.1		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.49		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.46		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	0.51		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.52		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.54		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.58		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.57		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.51		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.54		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.56		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.54		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.335		15-120		42	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.521		30-130		130	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.414		30-130		103	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6585	7.596				
1146-65-2	Naphthalene-d8	19887	10.361				
15067-26-2	Acenaphthene-d10	10540	14.231				

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L63MSD	SDG No.:	BN103124
Lab Sample ID:	P4534-04MSD	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
BN034814.D	1	10/26/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21537	16.975				
1719-03-5	Chrysene-d12	15205	21.169				
1520-96-3	Perylene-d12	12245	23.352				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SLCS465	SDG No.:	BN103124
Lab Sample ID:	PB164465BS	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
BN034815.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164465

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	0.38		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.37		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.37		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.36		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.38		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.37		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.68		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.38		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.37		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.36		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.37		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.38		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	0.41		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	0.4		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	0.42		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	0.734		15-120		92	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.383		30-130		96	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.405		30-130		101	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6345	7.596				
1146-65-2	Naphthalene-d8	18940	10.361				
15067-26-2	Acenaphthene-d10	10129	14.231				

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SLCS465	SDG No.:	BN103124
Lab Sample ID:	PB164465BS	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
BN034815.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164465

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20975	16.975				
1719-03-5	Chrysene-d12	14759	21.169				
1520-96-3	Perylene-d12	12450	23.349				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	E1L80	SDG No.:	BN103124
Lab Sample ID:	P4534-12	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
BN034816.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164475

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	4.823		15-120		60	SPK: -8
93951-69-0	Fluoranthene-d10	0.468		30-130		117	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.402		30-130		100	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8081		7.596			
1146-65-2	Naphthalene-d8	24368		10.361			
15067-26-2	Acenaphthene-d10	13528		14.231			

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	E1L80	SDG No.:	BN103124
Lab Sample ID:	P4534-12	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
BN034816.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164475

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	27384	16.975				
1719-03-5	Chrysene-d12	18132	21.169				
1520-96-3	Perylene-d12	13944	23.349				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SLCS483	SDG No.:	BN103124
Lab Sample ID:	PB164483BS	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
BN034817.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.6		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.35		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.35		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.35		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.35		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.36		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.35		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.61		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	0.35		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.36		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.36		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	0.38		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.41		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	0.38		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	0.4		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.39		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.66		15-120		83	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.373		30-130		93	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	7331	7.596				
1146-65-2	Naphthalene-d8	21670	10.361				
15067-26-2	Acenaphthene-d10	11849	14.231				

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SLCS483	SDG No.:	BN103124
Lab Sample ID:	PB164483BS	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
BN034817.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24273	16.975				
1719-03-5	Chrysene-d12	16446	21.169				
1520-96-3	Perylene-d12	12668	23.346				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	SBLK447	SDG No.:	BN103124
Lab Sample ID:	PB164447BL	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
BN034819.D	1	10/26/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164447

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	5.849		15-120		73	SPK: -8
93951-69-0	Fluoranthene-d10	0.346		30-130		86	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.331		30-130		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8004		7.596			
1146-65-2	Naphthalene-d8	24918		10.361			
15067-26-2	Acenaphthene-d10	13538		14.231			

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	SBLK447	SDG No.:	BN103124
Lab Sample ID:	PB164447BL	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
BN034819.D	1	10/26/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	26688	16.975				
1719-03-5	Chrysene-d12	16715	21.166				
1520-96-3	Perylene-d12	12828	23.346				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SBLK475	SDG No.:	BN103124
Lab Sample ID:	PB164475BL	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
BN034820.D	1	10/28/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164475

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	6.702		15-120		84	SPK: -8
93951-69-0	Fluoranthene-d10	0.424		30-130		106	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.39		30-130		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6952	7.596				
1146-65-2	Naphthalene-d8	21489	10.361				
15067-26-2	Acenaphthene-d10	11862	14.231				

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SBLK475	SDG No.:	BN103124
Lab Sample ID:	PB164475BL	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
BN034820.D	1	10/28/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164475

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23251	16.975				
1719-03-5	Chrysene-d12	14266	21.166				
1520-96-3	Perylene-d12	10484	23.346				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	E1L84	SDG No.:	BN103124
Lab Sample ID:	P4534-13	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
BN034821.D	1	10/28/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164475

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	3.299		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.297		30-130		74	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.271		30-130		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7946	7.596				
1146-65-2	Naphthalene-d8	24472	10.361				
15067-26-2	Acenaphthene-d10	13716	14.231				

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	E1L84	SDG No.:	BN103124
Lab Sample ID:	P4534-13	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
BN034821.D	1	10/28/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164475

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	27599	16.975				
1719-03-5	Chrysene-d12	18550	21.166				
1520-96-3	Perylene-d12	13789	23.346				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	E1L86	SDG No.:	BN103124
Lab Sample ID:	P4534-14	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
BN034822.D	1	10/28/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164475

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	4.084		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.366		30-130		91	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.345		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7696	7.596				
1146-65-2	Naphthalene-d8	22269	10.361				
15067-26-2	Acenaphthene-d10	12319	14.231				

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	E1L86	SDG No.:	BN103124
Lab Sample ID:	P4534-14	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
BN034822.D	1	10/28/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164475

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25102	16.975				
1719-03-5	Chrysene-d12	17728	21.166				
1520-96-3	Perylene-d12	15572	23.346				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	E1L88	SDG No.:	BN103124
Lab Sample ID:	P4534-15	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	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
BN034823.D	1	10/28/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164475

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.01	U	0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.04	U	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0	U	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.691		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.297		30-130		74	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.271		30-130		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7401		7.596			
1146-65-2	Naphthalene-d8	22316		10.361			
15067-26-2	Acenaphthene-d10	12088		14.226			

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	E1L88	SDG No.:	BN103124
Lab Sample ID:	P4534-15	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034823.D	1	10/28/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164475

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25013	16.975				
1719-03-5	Chrysene-d12	18832	21.166				
1520-96-3	Perylene-d12	15320	23.346				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L68	SDG No.:	BN103124
Lab Sample ID:	P4535-01	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
BN034824.D	1	10/26/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164449

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	4.8		15-120		60	SPK: -8
93951-69-0	Fluoranthene-d10	0.409		30-130		102	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.332		30-130		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6969		7.596			
1146-65-2	Naphthalene-d8	21005		10.361			
15067-26-2	Acenaphthene-d10	11549		14.226			

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L68	SDG No.:	BN103124
Lab Sample ID:	P4535-01	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
BN034824.D	1	10/26/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23777	16.975				
1719-03-5	Chrysene-d12	18042	21.166				
1520-96-3	Perylene-d12	15348	23.343				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L68MS	SDG No.:	BN103124
Lab Sample ID:	P4535-02MS	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
BN034825.D	1	10/26/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.68		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.34		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.33		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	0.38		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.38		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.4		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	1.1		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.43		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.43		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.4		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	0.46		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.45		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.45		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.45		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.44		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.44		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.45		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.43		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.262		15-120		33	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.424		30-130		106	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.336		30-130		84	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7047	7.596				
1146-65-2	Naphthalene-d8	20741	10.361				
15067-26-2	Acenaphthene-d10	10954	14.226				

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L68MS	SDG No.:	BN103124
Lab Sample ID:	P4535-02MS	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
BN034825.D	1	10/26/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22559	16.975				
1719-03-5	Chrysene-d12	17792	21.166				
1520-96-3	Perylene-d12	16362	23.346				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L68MSD	SDG No.:	BN103124
Lab Sample ID:	P4535-03MSD	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
BN034826.D	1	10/26/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.75		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.37		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.35		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.35		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.41		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.41		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.43		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	1.2		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.47		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.47		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	0.46		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.49		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.49		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.49		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.48		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.47		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.47		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.48		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.46		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.275		15-120		34	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.469		30-130		117	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.364		30-130		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7160	7.596				
1146-65-2	Naphthalene-d8	21134	10.361				
15067-26-2	Acenaphthene-d10	11126	14.226				

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L68MSD	SDG No.:	BN103124
Lab Sample ID:	P4535-03MSD	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
BN034826.D	1	10/26/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22914	16.975				
1719-03-5	Chrysene-d12	17852	21.166				
1520-96-3	Perylene-d12	15848	23.343				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L93	SDG No.:	BN103124
Lab Sample ID:	P4558-10	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	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
BN034827.D	1	10/29/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164515

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.01	U	0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.04	U	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0	U	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.263		15-120		66	SPK: -8
93951-69-0	Fluoranthene-d10	0.428		30-130		107	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.327		30-130		82	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7726		7.596			
1146-65-2	Naphthalene-d8	23151		10.361			
15067-26-2	Acenaphthene-d10	12833		14.231			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L93	SDG No.:	BN103124
Lab Sample ID:	P4558-10	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034827.D	1	10/29/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164515

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25778	16.975				
1719-03-5	Chrysene-d12	17779	21.166				
1520-96-3	Perylene-d12	14093	23.343				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L94	SDG No.:	BN103124
Lab Sample ID:	P4558-11	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		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
BN034828.D	1	10/29/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164515

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.01	U	0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.04	U	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0	U	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.986		15-120		62	SPK: -8
93951-69-0	Fluoranthene-d10	0.467		30-130		117	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.373		30-130		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6194		7.596			
1146-65-2	Naphthalene-d8	18945		10.361			
15067-26-2	Acenaphthene-d10	10861		14.226			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L94	SDG No.:	BN103124
Lab Sample ID:	P4558-11	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034828.D	1	10/29/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164515

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22249	16.975				
1719-03-5	Chrysene-d12	15487	21.166				
1520-96-3	Perylene-d12	12808	23.346				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	SBLK449	SDG No.:	BN103124
Lab Sample ID:	PB164449BL	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
BN034829.D	1	10/26/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164449

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	6.496		15-120		81	SPK: -8
93951-69-0	Fluoranthene-d10	0.403		30-130		101	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.392		30-130		98	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7761		7.596			
1146-65-2	Naphthalene-d8	23853		10.361			
15067-26-2	Acenaphthene-d10	13321		14.226			

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	SBLK449	SDG No.:	BN103124
Lab Sample ID:	PB164449BL	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
BN034829.D	1	10/26/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	26894	16.975				
1719-03-5	Chrysene-d12	17173	21.166				
1520-96-3	Perylene-d12	13752	23.346				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	SLCS449	SDG No.:	BN103124
Lab Sample ID:	PB164449BS	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
BN034830.D	1	10/26/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164449

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	0.38		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	0.38		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.38		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.38		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	0.39		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.38		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.39		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.39		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.38		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	0.43		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.41		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	0.42		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.43		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.43		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.711		15-120		89	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.399		30-130		100	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.405		30-130		101	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7021	7.596				
1146-65-2	Naphthalene-d8	20707	10.361				
15067-26-2	Acenaphthene-d10	11324	14.226				

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	SLCS449	SDG No.:	BN103124
Lab Sample ID:	PB164449BS	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
BN034830.D	1	10/26/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23797	16.975				
1719-03-5	Chrysene-d12	15837	21.166				
1520-96-3	Perylene-d12	12352	23.346				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	SBLK515	SDG No.:	BN103124
Lab Sample ID:	PB164515BL	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
BN034831.D	1	10/29/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164515

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	6.617		15-120		83	SPK: -8
93951-69-0	Fluoranthene-d10	0.417		30-130		104	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.398		30-130		100	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6914	7.596				
1146-65-2	Naphthalene-d8	21600	10.361				
15067-26-2	Acenaphthene-d10	12051	14.226				

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	SBLK515	SDG No.:	BN103124
Lab Sample ID:	PB164515BL	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
BN034831.D	1	10/29/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164515

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24060	16.975				
1719-03-5	Chrysene-d12	15225	21.166				
1520-96-3	Perylene-d12	12024	23.343				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	SLCS515	SDG No.:	BN103124
Lab Sample ID:	PB164515BS	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
BN034832.D	1	10/29/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164515

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.6		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.37		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.37		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.37		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.36		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	0.37		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.6		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.38		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.37		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.38		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	0.38		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	0.41		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	0.39		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.42		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.43		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.44		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.714		15-120		89	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.393		30-130		98	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.392		30-130		98	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7433	7.596				
1146-65-2	Naphthalene-d8	22320	10.361				
15067-26-2	Acenaphthene-d10	12102	14.226				

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	SLCS515	SDG No.:	BN103124
Lab Sample ID:	PB164515BS	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
BN034832.D	1	10/29/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164515

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24827	16.971				
1719-03-5	Chrysene-d12	16299	21.166				
1520-96-3	Perylene-d12	12902	23.343				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SLCS475	SDG No.:	BN103124
Lab Sample ID:	PB164475BS	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
BN034833.D	1	10/28/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164475

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	0.39		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	0.38		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.39		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.38		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.62		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	0.38		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.41		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.4		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.4		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.42		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.45		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.45		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.43		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.46		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.47		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.47		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.747		15-120		93	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.419		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.409		30-130		102	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7322	7.592				
1146-65-2	Naphthalene-d8	22031	10.361				
15067-26-2	Acenaphthene-d10	11397	14.226				

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SLCS475	SDG No.:	BN103124
Lab Sample ID:	PB164475BS	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
BN034833.D	1	10/28/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164475

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22945	16.971				
1719-03-5	Chrysene-d12	14940	21.166				
1520-96-3	Perylene-d12	11653	23.343				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	SLCS447	SDG No.:	BN103124
Lab Sample ID:	PB164447BS	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
BN034834.D	1	10/26/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164447

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	0.39		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	0.38		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.4		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	0.64		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	0.39		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.42		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	0.4		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	0.45		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.46		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.42		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.46		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.47		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.48		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.752		15-120		94	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.43		30-130		108	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.412		30-130		103	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7960	7.592				
1146-65-2	Naphthalene-d8	23974	10.361				
15067-26-2	Acenaphthene-d10	12226	14.226				

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	SLCS447	SDG No.:	BN103124
Lab Sample ID:	PB164447BS	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
BN034834.D	1	10/26/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23944	16.971				
1719-03-5	Chrysene-d12	15148	21.166				
1520-96-3	Perylene-d12	11537	23.343				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BN103124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : BHK68								
P4435-01	BHK68	Solid	Total Alkanes	*	0.000	1.2	7.3	ug/Kg
			Total Tics :			0.00		
P4435-01	BHK68	Solid	Acenaphthene		1.600	J 0.43	3.6	ug/Kg
P4435-01	BHK68	Solid	Acenaphthylene		4.700	0.51	3.6	ug/Kg
P4435-01	BHK68	Solid	Anthracene		3.600	0.57	3.6	ug/Kg
P4435-01	BHK68	Solid	Benzo(a)anthracene		13.000	0.46	3.6	ug/Kg
P4435-01	BHK68	Solid	Benzo(a)pyrene		14.000	0.39	3.6	ug/Kg
P4435-01	BHK68	Solid	Benzo(b)fluoranthene		17.000	0.23	3.6	ug/Kg
P4435-01	BHK68	Solid	Benzo(g,h,i)perylene		8.800	1.1	3.6	ug/Kg
P4435-01	BHK68	Solid	Benzo(k)fluoranthene		6.400	0.43	3.6	ug/Kg
P4435-01	BHK68	Solid	Chrysene		15.000	0.46	3.6	ug/Kg
P4435-01	BHK68	Solid	Dibenzo(a,h)anthracene		2.200	J 0.97	3.6	ug/Kg
P4435-01	BHK68	Solid	Fluoranthene		30.000	0.74	3.6	ug/Kg
P4435-01	BHK68	Solid	Fluorene		2.100	J 0.74	3.6	ug/Kg
P4435-01	BHK68	Solid	Indeno(1,2,3-cd)pyrene		7.100	0.94	3.6	ug/Kg
P4435-01	BHK68	Solid	Phenanthrene		22.000	0.56	3.6	ug/Kg
P4435-01	BHK68	Solid	Pyrene		29.000	0.57	3.6	ug/Kg
			Total Svoc :			176.50		
			Total Concentration:			176.50		
Client ID : XA101								
P4476-02	XA101	Solid	Total Alkanes	*	0.000	1.1	6.7	ug/Kg
			Total Tics :			0.00		
P4476-02	XA101	Solid	Acenaphthene		260.000	E 0.39	3.3	ug/Kg
P4476-02	XA101	Solid	Acenaphthylene		100.000	E 0.47	3.3	ug/Kg
P4476-02	XA101	Solid	Anthracene		500.000	E 0.52	3.3	ug/Kg
P4476-02	XA101	Solid	Benzo(a)anthracene		150.000	E 0.42	3.3	ug/Kg
P4476-02	XA101	Solid	Benzo(a)pyrene		50.000	0.36	3.3	ug/Kg
P4476-02	XA101	Solid	Benzo(b)fluoranthene		130.000	E 0.21	3.3	ug/Kg
P4476-02	XA101	Solid	Benzo(g,h,i)perylene		170.000	E 0.98	3.3	ug/Kg
P4476-02	XA101	Solid	Benzo(k)fluoranthene		150.000	E 0.39	3.3	ug/Kg
P4476-02	XA101	Solid	Chrysene		57.000	E 0.42	3.3	ug/Kg
P4476-02	XA101	Solid	Dibenzo(a,h)anthracene		210.000	E 0.89	3.3	ug/Kg
P4476-02	XA101	Solid	Fluoranthene		140.000	E 0.68	3.3	ug/Kg
P4476-02	XA101	Solid	Fluorene		120.000	E 0.68	3.3	ug/Kg
P4476-02	XA101	Solid	Indeno(1,2,3-cd)pyrene		220.000	E 0.86	3.3	ug/Kg
P4476-02	XA101	Solid	Naphthalene		260.000	E 0.37	3.3	ug/Kg
P4476-02	XA101	Solid	Phenanthrene		100.000	E 0.51	3.3	ug/Kg

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SDG No.: BN103124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4476-02	XA101	Solid	Pyrene	68.000	E	0.52	3.3	ug/Kg
Total Svoc :				2,685.00				
Total Concentration:				2,685.00				
Client ID : XA101DL								
P4476-02DL	XA101DL	Solid	Total Alkanes	*	0.000	D 5.5	33	ug/Kg
Total Tics :				0.00				
P4476-02DL	XA101DL	Solid	Acenaphthene	270.000	ED	1.9	16	ug/Kg
P4476-02DL	XA101DL	Solid	Acenaphthylene	100.000	D	2.3	16	ug/Kg
P4476-02DL	XA101DL	Solid	Anthracene	510.000	ED	2.6	16	ug/Kg
P4476-02DL	XA101DL	Solid	Benzo(a)anthracene	150.000	D	2.1	16	ug/Kg
P4476-02DL	XA101DL	Solid	Benzo(a)pyrene	50.000	D	1.8	16	ug/Kg
P4476-02DL	XA101DL	Solid	Benzo(b)fluoranthene	130.000	D	1	16	ug/Kg
P4476-02DL	XA101DL	Solid	Benzo(g,h,i)perylene	180.000	D	4.9	16	ug/Kg
P4476-02DL	XA101DL	Solid	Benzo(k)fluoranthene	150.000	D	1.9	16	ug/Kg
P4476-02DL	XA101DL	Solid	Chrysene	56.000	D	2.1	16	ug/Kg
P4476-02DL	XA101DL	Solid	Dibenzo(a,h)anthracene	220.000	D	4.4	16	ug/Kg
P4476-02DL	XA101DL	Solid	Fluoranthene	150.000	D	3.4	16	ug/Kg
P4476-02DL	XA101DL	Solid	Fluorene	120.000	D	3.4	16	ug/Kg
P4476-02DL	XA101DL	Solid	Indeno(1,2,3-cd)pyrene	230.000	D	4.3	16	ug/Kg
P4476-02DL	XA101DL	Solid	Naphthalene	270.000	ED	1.8	16	ug/Kg
P4476-02DL	XA101DL	Solid	Phenanthrene	100.000	D	2.5	16	ug/Kg
P4476-02DL	XA101DL	Solid	Pyrene	69.000	D	2.6	16	ug/Kg
Total Svoc :				2,755.00				
Total Concentration:				2,755.00				
Client ID : XA101DL2								
P4476-02DL2	XA101DL2	Solid	Total Alkanes	*	0.000	D 22	130	ug/Kg
Total Tics :				0.00				
P4476-02DL2	XA101DL2	Solid	Acenaphthene	280.000	D	7.8	66	ug/Kg
P4476-02DL2	XA101DL2	Solid	Acenaphthylene	100.000	D	9.4	66	ug/Kg
P4476-02DL2	XA101DL2	Solid	Anthracene	530.000	D	10	66	ug/Kg
P4476-02DL2	XA101DL2	Solid	Benzo(a)anthracene	160.000	D	8.4	66	ug/Kg
P4476-02DL2	XA101DL2	Solid	Benzo(a)pyrene	52.000	JD	7.2	66	ug/Kg
P4476-02DL2	XA101DL2	Solid	Benzo(b)fluoranthene	140.000	D	4.2	66	ug/Kg
P4476-02DL2	XA101DL2	Solid	Benzo(g,h,i)perylene	190.000	D	20	66	ug/Kg
P4476-02DL2	XA101DL2	Solid	Benzo(k)fluoranthene	160.000	D	7.8	66	ug/Kg
P4476-02DL2	XA101DL2	Solid	Chrysene	61.000	JD	8.4	66	ug/Kg
P4476-02DL2	XA101DL2	Solid	Dibenzo(a,h)anthracene	230.000	D	18	66	ug/Kg
P4476-02DL2	XA101DL2	Solid	Fluoranthene	150.000	D	14	66	ug/Kg
P4476-02DL2	XA101DL2	Solid	Fluorene	130.000	D	14	66	ug/Kg
P4476-02DL2	XA101DL2	Solid	Indeno(1,2,3-cd)pyrene	250.000	D	17	66	ug/Kg

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SDG No.: BN103124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4476-02DL2	XA101DL2	Solid	Naphthalene	280.000	D	7.4	66	ug/Kg
P4476-02DL2	XA101DL2	Solid	Phenanthrene	110.000	D	10	66	ug/Kg
P4476-02DL2	XA101DL2	Solid	Pyrene	70.000	D	10	66	ug/Kg
Total Svoc :				2,893.00				
Total Concentration:				2,893.00				

Client ID : XA106

P4476-07	XA106	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :				0.00				
P4476-07	XA106	Water	Acenaphthene	12.000	E	0.013	0.1	ug/L
P4476-07	XA106	Water	Acenaphthylene	3.200	E	0.014	0.1	ug/L
P4476-07	XA106	Water	Anthracene	2.400	E	0.011	0.1	ug/L
P4476-07	XA106	Water	Benzo(a)anthracene	1.800	E	0.015	0.1	ug/L
P4476-07	XA106	Water	Benzo(a)pyrene	2.300	E	0.012	0.1	ug/L
P4476-07	XA106	Water	Benzo(b)fluoranthene	1.300		0.004	0.1	ug/L
P4476-07	XA106	Water	Benzo(g,h,i)perylene	4.600	E	0.025	0.1	ug/L
P4476-07	XA106	Water	Benzo(k)fluoranthene	1.100		0.019	0.1	ug/L
P4476-07	XA106	Water	Chrysene	2.300	E	0.014	0.1	ug/L
P4476-07	XA106	Water	Dibenzo(a,h)anthracene	3.000	E	0.026	0.1	ug/L
P4476-07	XA106	Water	Fluoranthene	4.400	E	0.022	0.1	ug/L
P4476-07	XA106	Water	Fluorene	3.700	E	0.022	0.1	ug/L
P4476-07	XA106	Water	Indeno(1,2,3-cd)pyrene	2.300	E	0.023	0.1	ug/L
P4476-07	XA106	Water	Naphthalene	7.200	E	0.011	0.1	ug/L
P4476-07	XA106	Water	Phenanthrene	1.900	E	0.014	0.1	ug/L
P4476-07	XA106	Water	Pyrene	3.400	E	0.016	0.1	ug/L
Total Svoc :				56.90				
Total Concentration:				56.90				

Client ID : XA106DL

P4476-07DL	XA106DL	Water	Total Alkanes	*	0.000	D 0.155	1	ug/L
Total Tics :				0.00				
P4476-07DL	XA106DL	Water	Acenaphthene	12.000	ED	0.065	0.5	ug/L
P4476-07DL	XA106DL	Water	Acenaphthylene	3.200	D	0.07	0.5	ug/L
P4476-07DL	XA106DL	Water	Anthracene	2.300	D	0.055	0.5	ug/L
P4476-07DL	XA106DL	Water	Benzo(a)anthracene	1.800	D	0.075	0.5	ug/L
P4476-07DL	XA106DL	Water	Benzo(a)pyrene	2.300	D	0.06	0.5	ug/L
P4476-07DL	XA106DL	Water	Benzo(b)fluoranthene	1.400	D	0.02	0.5	ug/L
P4476-07DL	XA106DL	Water	Benzo(g,h,i)perylene	5.200	D	0.125	0.5	ug/L
P4476-07DL	XA106DL	Water	Benzo(k)fluoranthene	1.100	D	0.095	0.5	ug/L
P4476-07DL	XA106DL	Water	Chrysene	2.500	D	0.07	0.5	ug/L
P4476-07DL	XA106DL	Water	Dibenzo(a,h)anthracene	3.300	D	0.13	0.5	ug/L
P4476-07DL	XA106DL	Water	Fluoranthene	5.000	D	0.11	0.5	ug/L

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SDG No.: BN103124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4476-07DL	XA106DL	Water	Fluorene	3.800	D	0.11	0.5	ug/L
P4476-07DL	XA106DL	Water	Indeno(1,2,3-cd)pyrene	2.500	D	0.115	0.5	ug/L
P4476-07DL	XA106DL	Water	Naphthalene	7.600	D	0.055	0.5	ug/L
P4476-07DL	XA106DL	Water	Phenanthrene	2.000	D	0.07	0.5	ug/L
P4476-07DL	XA106DL	Water	Pyrene	3.900	D	0.08	0.5	ug/L
Total Svoc :				59.90				
Total Concentration:				59.90				

Client ID : XA106DL2

P4476-07DL2	XA106DL2	Water	Total Alkanes	*	0.000	D	0.62	4	ug/L
Total Tics :					0.00				
P4476-07DL2	XA106DL2	Water	Acenaphthene		12.000	D	0.26	2	ug/L
P4476-07DL2	XA106DL2	Water	Acenaphthylene		3.200	D	0.28	2	ug/L
P4476-07DL2	XA106DL2	Water	Anthracene		2.200	D	0.22	2	ug/L
P4476-07DL2	XA106DL2	Water	Benzo(a)anthracene		1.900	JD	0.3	2	ug/L
P4476-07DL2	XA106DL2	Water	Benzo(a)pyrene		2.300	D	0.24	2	ug/L
P4476-07DL2	XA106DL2	Water	Benzo(b)fluoranthene		1.400	JD	0.08	2	ug/L
P4476-07DL2	XA106DL2	Water	Benzo(g,h,i)perylene		4.800	D	0.5	2	ug/L
P4476-07DL2	XA106DL2	Water	Benzo(k)fluoranthene		1.100	JD	0.38	2	ug/L
P4476-07DL2	XA106DL2	Water	Chrysene		2.500	D	0.28	2	ug/L
P4476-07DL2	XA106DL2	Water	Dibenzo(a,h)anthracene		3.000	D	0.52	2	ug/L
P4476-07DL2	XA106DL2	Water	Fluoranthene		4.700	D	0.44	2	ug/L
P4476-07DL2	XA106DL2	Water	Fluorene		3.800	D	0.44	2	ug/L
P4476-07DL2	XA106DL2	Water	Indeno(1,2,3-cd)pyrene		2.200	D	0.46	2	ug/L
P4476-07DL2	XA106DL2	Water	Naphthalene		7.700	D	0.22	2	ug/L
P4476-07DL2	XA106DL2	Water	Phenanthrene		2.000	D	0.28	2	ug/L
P4476-07DL2	XA106DL2	Water	Pyrene		3.700	D	0.32	2	ug/L
Total Svoc :					58.50				
Total Concentration:					58.50				

Client ID : F7H10

P4529-01	F7H10	Solid	Total Alkanes	*	0.000	1.3	8.1	ug/Kg
			Total Tics :		0.00			
P4529-01	F7H10	Solid	Acenaphthene		2.100	J 0.47	4	ug/Kg
P4529-01	F7H10	Solid	Fluorene		23.000	0.82	4	ug/Kg
P4529-01	F7H10	Solid	Phenanthrene		1.000	J 0.62	4	ug/Kg
			Total Svoc :		26.10			
			Total Concentration:		26.10			

Client ID : F7H11

P4529-02	F7H11	Solid	Total Alkanes	*	0.000		1.2	7.4	ug/Kg
Total Tics :				0.00					

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SDG No.: BN103124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				0.00				
Client ID : F7H12								
P4529-03	F7H12	Solid	Total Alkanes	*	0.000	1.2	7.4	ug/Kg
Total Tics :				0.00				
P4529-03	F7H12	Solid	Benzo(b)fluoranthene		1.400	J 0.23	3.6	ug/Kg
P4529-03	F7H12	Solid	Chrysene		0.810	J 0.46	3.6	ug/Kg
P4529-03	F7H12	Solid	Fluoranthene		1.200	J 0.75	3.6	ug/Kg
P4529-03	F7H12	Solid	Fluorene		0.810	J 0.75	3.6	ug/Kg
P4529-03	F7H12	Solid	Pyrene		1.700	J 0.57	3.6	ug/Kg
Total Svoc :				5.92				
Total Concentration:				5.92				
Client ID : F7H13								
P4529-04	F7H13	Solid	Total Alkanes	*	0.000	1.3	7.7	ug/Kg
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID : F7H14								
P4529-05	F7H14	Solid	Total Alkanes	*	0.000	1.2	7.5	ug/Kg
Total Tics :				0.00				
P4529-05	F7H14	Solid	Acenaphthylene		11.000	0.53	3.7	ug/Kg
P4529-05	F7H14	Solid	Anthracene		27.000	0.58	3.7	ug/Kg
P4529-05	F7H14	Solid	Benzo(a)anthracene		78.000	E 0.47	3.7	ug/Kg
P4529-05	F7H14	Solid	Benzo(a)pyrene		180.000	E 0.4	3.7	ug/Kg
P4529-05	F7H14	Solid	Benzo(b)fluoranthene		320.000	E 0.24	3.7	ug/Kg
P4529-05	F7H14	Solid	Benzo(g,h,i)perylene		52.000	1.1	3.7	ug/Kg
P4529-05	F7H14	Solid	Benzo(k)fluoranthene		120.000	E 0.44	3.7	ug/Kg
P4529-05	F7H14	Solid	Chrysene		120.000	E 0.47	3.7	ug/Kg
P4529-05	F7H14	Solid	Dibenzo(a,h)anthracene		19.000	1	3.7	ug/Kg
P4529-05	F7H14	Solid	Fluoranthene		74.000	E 0.76	3.7	ug/Kg
P4529-05	F7H14	Solid	Fluorene		1.600	J 0.76	3.7	ug/Kg
P4529-05	F7H14	Solid	Indeno(1,2,3-cd)pyrene		57.000	0.96	3.7	ug/Kg
P4529-05	F7H14	Solid	Phenanthrene		2.900	J 0.57	3.7	ug/Kg
P4529-05	F7H14	Solid	Pyrene		310.000	E 0.58	3.7	ug/Kg
Total Svoc :				1,372.50				
Total Concentration:				1,372.50				
Client ID : F7H14DL								
P4529-05DL	F7H14DL	Solid	Total Alkanes	*	0.000	D 6.2	38	ug/Kg
Total Tics :				0.00				
P4529-05DL	F7H14DL	Solid	Acenaphthylene		15.000	JD 2.6	18	ug/Kg
P4529-05DL	F7H14DL	Solid	Anthracene		33.000	D 2.9	18	ug/Kg

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SDG No.: BN103124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4529-05DL	F7H14DL	Solid	Benzo(a)anthracene	96.000	D	2.4	18	ug/Kg
P4529-05DL	F7H14DL	Solid	Benzo(a)pyrene	170.000	D	2	18	ug/Kg
P4529-05DL	F7H14DL	Solid	Benzo(b)fluoranthene	380.000	ED	1.2	18	ug/Kg
P4529-05DL	F7H14DL	Solid	Benzo(g,h,i)perylene	57.000	D	5.5	18	ug/Kg
P4529-05DL	F7H14DL	Solid	Benzo(k)fluoranthene	130.000	D	2.2	18	ug/Kg
P4529-05DL	F7H14DL	Solid	Chrysene	150.000	D	2.4	18	ug/Kg
P4529-05DL	F7H14DL	Solid	Dibenzo(a,h)anthracene	23.000	D	5	18	ug/Kg
P4529-05DL	F7H14DL	Solid	Fluoranthene	93.000	D	3.8	18	ug/Kg
P4529-05DL	F7H14DL	Solid	Indeno(1,2,3-cd)pyrene	62.000	D	4.8	18	ug/Kg
P4529-05DL	F7H14DL	Solid	Phenanthrene	3.700	JD	2.9	18	ug/Kg
P4529-05DL	F7H14DL	Solid	Pyrene	430.000	ED	2.9	18	ug/Kg
Total Svoc :				1,642.70				
Total Concentration:				1,642.70				

Client ID : F7H15

P4529-06	F7H15	Solid	Total Alkanes	*	0.000	1.3	7.8	ug/Kg
Total Tics :				0.00				
P4529-06	F7H15	Solid	Anthracene		1.600	J 0.61	3.9	ug/Kg
P4529-06	F7H15	Solid	Benzo(a)anthracene		1.900	J 0.49	3.9	ug/Kg
P4529-06	F7H15	Solid	Benzo(a)pyrene		1.900	J 0.42	3.9	ug/Kg
P4529-06	F7H15	Solid	Benzo(b)fluoranthene		4.500	0.25	3.9	ug/Kg
P4529-06	F7H15	Solid	Benzo(k)fluoranthene		1.600	J 0.46	3.9	ug/Kg
P4529-06	F7H15	Solid	Chrysene		2.800	J 0.49	3.9	ug/Kg
P4529-06	F7H15	Solid	Fluoranthene		3.900	0.79	3.9	ug/Kg
P4529-06	F7H15	Solid	Pyrene		7.700	0.61	3.9	ug/Kg
Total Svoc :				25.90				
Total Concentration:				25.90				

Client ID : F7H16

P4529-07	F7H16	Solid	Total Alkanes	*	0.000	1.3	8.1	ug/Kg
Total Tics :				0.00				
P4529-07	F7H16	Solid	Acenaphthylene		1.800	J 0.57	4	ug/Kg
P4529-07	F7H16	Solid	Anthracene		6.000	0.63	4	ug/Kg
P4529-07	F7H16	Solid	Benzo(a)anthracene		10.000	0.51	4	ug/Kg
P4529-07	F7H16	Solid	Benzo(a)pyrene		19.000	0.43	4	ug/Kg
P4529-07	F7H16	Solid	Benzo(b)fluoranthene		36.000	0.25	4	ug/Kg
P4529-07	F7H16	Solid	Benzo(g,h,i)perylene		6.500	1.2	4	ug/Kg
P4529-07	F7H16	Solid	Benzo(k)fluoranthene		13.000	0.47	4	ug/Kg
P4529-07	F7H16	Solid	Chrysene		18.000	0.51	4	ug/Kg
P4529-07	F7H16	Solid	Dibenzo(a,h)anthracene		2.300	J 1.1	4	ug/Kg
P4529-07	F7H16	Solid	Fluoranthene		17.000	0.82	4	ug/Kg
P4529-07	F7H16	Solid	Fluorene		0.880	J 0.82	4	ug/Kg

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SDG No.: BN103124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4529-07	F7H16	Solid	Indeno(1,2,3-cd)pyrene	6.700		1	4	ug/Kg
P4529-07	F7H16	Solid	Phenanthrene	2.100	J	0.62	4	ug/Kg
P4529-07	F7H16	Solid	Pyrene	40.000		0.63	4	ug/Kg
Total Svoc :				179.28				
Total Concentration:				179.28				
Client ID : F7H17								
P4529-08	F7H17	Solid	Total Alkanes	*	0.000	1.3	7.9	ug/Kg
Total Tics :				0.00				
P4529-08	F7H17	Solid	Acenaphthylene	1.000	J	0.55	3.9	ug/Kg
P4529-08	F7H17	Solid	Anthracene	3.400	J	0.61	3.9	ug/Kg
P4529-08	F7H17	Solid	Benzo(a)anthracene	6.200		0.5	3.9	ug/Kg
P4529-08	F7H17	Solid	Benzo(a)pyrene	9.600		0.43	3.9	ug/Kg
P4529-08	F7H17	Solid	Benzo(b)fluoranthene	18.000		0.25	3.9	ug/Kg
P4529-08	F7H17	Solid	Benzo(g,h,i)perylene	3.400	J	1.2	3.9	ug/Kg
P4529-08	F7H17	Solid	Benzo(k)fluoranthene	6.900		0.46	3.9	ug/Kg
P4529-08	F7H17	Solid	Chrysene	9.600		0.5	3.9	ug/Kg
P4529-08	F7H17	Solid	Dibenzo(a,h)anthracene	1.300	J	1.1	3.9	ug/Kg
P4529-08	F7H17	Solid	Fluoranthene	12.000		0.8	3.9	ug/Kg
P4529-08	F7H17	Solid	Fluorene	0.910	J	0.8	3.9	ug/Kg
P4529-08	F7H17	Solid	Indeno(1,2,3-cd)pyrene	3.500	J	1	3.9	ug/Kg
P4529-08	F7H17	Solid	Naphthalene	0.870	J	0.44	3.9	ug/Kg
P4529-08	F7H17	Solid	Phenanthrene	3.600	J	0.6	3.9	ug/Kg
P4529-08	F7H17	Solid	Pyrene	23.000		0.61	3.9	ug/Kg
Total Svoc :				103.28				
Total Concentration:				103.28				
Client ID : F7H24								
P4529-09	F7H24	Solid	Total Alkanes	*	0.000	1.3	7.7	ug/Kg
Total Tics :				0.00				
P4529-09	F7H24	Solid	2-Methylnaphthalene	2.000	J	0.39	3.8	ug/Kg
P4529-09	F7H24	Solid	Acenaphthylene	13.000		0.54	3.8	ug/Kg
P4529-09	F7H24	Solid	Anthracene	72.000	E	0.6	3.8	ug/Kg
P4529-09	F7H24	Solid	Benzo(a)anthracene	54.000		0.48	3.8	ug/Kg
P4529-09	F7H24	Solid	Benzo(a)pyrene	65.000	E	0.42	3.8	ug/Kg
P4529-09	F7H24	Solid	Benzo(b)fluoranthene	130.000	E	0.24	3.8	ug/Kg
P4529-09	F7H24	Solid	Benzo(g,h,i)perylene	39.000		1.1	3.8	ug/Kg
P4529-09	F7H24	Solid	Benzo(k)fluoranthene	43.000		0.45	3.8	ug/Kg
P4529-09	F7H24	Solid	Chrysene	73.000	E	0.48	3.8	ug/Kg
P4529-09	F7H24	Solid	Dibenzo(a,h)anthracene	11.000		1	3.8	ug/Kg
P4529-09	F7H24	Solid	Fluoranthene	74.000	E	0.78	3.8	ug/Kg
P4529-09	F7H24	Solid	Fluorene	4.700		0.78	3.8	ug/Kg

Hit Summary Sheet

SW-846

SDG No.: BN103124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4529-09	F7H24	Solid	Indeno(1,2,3-cd)pyrene	36.000		0.99	3.8	ug/Kg
P4529-09	F7H24	Solid	Naphthalene	2.600	J	0.43	3.8	ug/Kg
P4529-09	F7H24	Solid	Phenanthrene	18.000		0.59	3.8	ug/Kg
P4529-09	F7H24	Solid	Pyrene	92.000	E	0.6	3.8	ug/Kg
Total Svoc :				729.30				
Total Concentration:				729.30				
Client ID : F7H24DL								
P4529-09DL	F7H24DL	Solid	Total Alkanes	*	0.000	D 6.3	39	ug/Kg
Total Tics :				0.00				
P4529-09DL	F7H24DL	Solid	Acenaphthylene	17.000	JD	2.7	19	ug/Kg
P4529-09DL	F7H24DL	Solid	Anthracene	88.000	D	3	19	ug/Kg
P4529-09DL	F7H24DL	Solid	Benzo(a)anthracene	62.000	D	2.4	19	ug/Kg
P4529-09DL	F7H24DL	Solid	Benzo(a)pyrene	68.000	D	2.1	19	ug/Kg
P4529-09DL	F7H24DL	Solid	Benzo(b)fluoranthene	140.000	D	1.2	19	ug/Kg
P4529-09DL	F7H24DL	Solid	Benzo(g,h,i)perylene	44.000	D	5.7	19	ug/Kg
P4529-09DL	F7H24DL	Solid	Benzo(k)fluoranthene	44.000	D	2.2	19	ug/Kg
P4529-09DL	F7H24DL	Solid	Chrysene	88.000	D	2.4	19	ug/Kg
P4529-09DL	F7H24DL	Solid	Dibenzo(a,h)anthracene	12.000	JD	5.1	19	ug/Kg
P4529-09DL	F7H24DL	Solid	Fluoranthene	89.000	D	3.9	19	ug/Kg
P4529-09DL	F7H24DL	Solid	Fluorene	5.600	JD	3.9	19	ug/Kg
P4529-09DL	F7H24DL	Solid	Indeno(1,2,3-cd)pyrene	40.000	D	5	19	ug/Kg
P4529-09DL	F7H24DL	Solid	Phenanthrene	21.000	D	2.9	19	ug/Kg
P4529-09DL	F7H24DL	Solid	Pyrene	120.000	D	3	19	ug/Kg
Total Svoc :				838.60				
Total Concentration:				838.60				
Client ID : F7H25								
P4529-10	F7H25	Solid	Total Alkanes	*	0.000	1.3	7.6	ug/Kg
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID : F7H21								
P4529-11	F7H21	Solid	Total Alkanes	*	0.000	1.2	7.3	ug/Kg
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID : F7H22								
P4529-12	F7H22	Solid	Total Alkanes	*	0.000	1.2	7.6	ug/Kg
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID : F7H23								

Hit Summary Sheet SW-846

SDG No.: BN103124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4529-13	F7H23	Solid	Total Alkanes	*	0.000	1.4	8.4	ug/Kg
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : F7H35								
P4529-14	F7H35	Solid	Total Alkanes	*	0.000	1.2	7.3	ug/Kg
Total Tics :						0.00		
P4529-14	F7H35	Solid	Phenanthrene		1.200	J 0.55	3.6	ug/Kg
Total Svoc :						1.20		
Total Concentration:						1.20		
Client ID : F7H36								
P4529-15	F7H36	Solid	Total Alkanes	*	0.000	1.3	7.6	ug/Kg
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : F7H37								
P4529-16	F7H37	Solid	Total Alkanes	*	0.000	1.3	7.9	ug/Kg
Total Tics :						0.00		
P4529-16	F7H37	Solid	Benzo(b)fluoranthene		1.100	J 0.25	3.9	ug/Kg
Total Svoc :						1.10		
Total Concentration:						1.10		
Client ID : F7H45								
P4529-17	F7H45	Solid	Total Alkanes	*	0.000	1.2	7.5	ug/Kg
Total Tics :						0.00		
P4529-17	F7H45	Solid	Acenaphthylene		1.800	J 0.53	3.7	ug/Kg
P4529-17	F7H45	Solid	Anthracene		1.900	J 0.58	3.7	ug/Kg
P4529-17	F7H45	Solid	Benzo(a)anthracene		4.000	0.47	3.7	ug/Kg
P4529-17	F7H45	Solid	Benzo(a)pyrene		7.200	0.4	3.7	ug/Kg
P4529-17	F7H45	Solid	Benzo(b)fluoranthene		16.000	0.24	3.7	ug/Kg
P4529-17	F7H45	Solid	Benzo(g,h,i)perylene		4.700	1.1	3.7	ug/Kg
P4529-17	F7H45	Solid	Benzo(k)fluoranthene		5.400	0.44	3.7	ug/Kg
P4529-17	F7H45	Solid	Chrysene		8.200	0.47	3.7	ug/Kg
P4529-17	F7H45	Solid	Dibenzo(a,h)anthracene		1.500	J 1	3.7	ug/Kg
P4529-17	F7H45	Solid	Fluoranthene		7.500	0.76	3.7	ug/Kg
P4529-17	F7H45	Solid	Indeno(1,2,3-cd)pyrene		4.400	0.96	3.7	ug/Kg
P4529-17	F7H45	Solid	Phenanthrene		1.300	J 0.57	3.7	ug/Kg
P4529-17	F7H45	Solid	Pyrene		7.400	0.58	3.7	ug/Kg
Total Svoc :						71.30		
Total Concentration:						71.30		
Client ID : F7H46								
P4529-18	F7H46	Solid	Total Alkanes	*	0.000	1.3	7.9	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BN103124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	F7H47							
P4529-19	F7H47	Solid	Total Alkanes	*	0.000	1.3	7.8	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	F7H48							
P4529-20	F7H48	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P4529-20	F7H48	Water	Naphthalene		0.030	J 0.011	0.1	ug/L
			Total Svoc :			0.03		
			Total Concentration:			0.03		
Client ID :	F7H49							
P4530-03	F7H49	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P4530-03	F7H49	Water	Naphthalene		0.040	J 0.011	0.1	ug/L
			Total Svoc :			0.04		
			Total Concentration:			0.04		
Client ID :	F7H50							
P4530-18	F7H50	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P4530-18	F7H50	Water	Naphthalene		0.040	J 0.011	0.1	ug/L
			Total Svoc :			0.04		
			Total Concentration:			0.04		
Client ID :	E1L62							
P4534-01	E1L62	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E1L63							
P4534-02	E1L63	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E1LB1							
P4534-09	E1LB1	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E1LB2							

Hit Summary Sheet
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SDG No.: BN103124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4534-10	E1LB2	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E1LB3							
P4534-11	E1LB3	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E1L80							
P4534-12	E1L80	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E1L84							
P4534-13	E1L84	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E1L86							
P4534-14	E1L86	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E1L88							
P4534-15	E1L88	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E1L95							
P4534-16	E1L95	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E1L64							
P4534-17	E1L64	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P4534-17	E1L64	Water	1,4-Dioxane		0.060	J 0.03	0.2	ug/L
			Total Svoc :			0.06		
			Total Concentration:			0.06		
Client ID :	E1L68							
P4535-01	E1L68	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		

Hit Summary Sheet
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SDG No.: BN103124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : E1L77								
P4558-01	E1L77	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P4558-01	E1L77	Water	1,4-Dioxane		0.110	J 0.031	0.2	ug/L
			Total Svoc :			0.11		
			Total Concentration:			0.11		
Client ID : E1L79								
P4558-02	E1L79	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E1L93								
P4558-10	E1L93	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E1L94								
P4558-11	E1L94	Water	Total Alkanes	*	0.000	0.03	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.: BN103124 SAS No.: BN103124 SDG No.: BN103124
Instrument ID: _____ Calibration Date(s): 10/30/2024
Calibration Time(s): 17:17

LAB FILE ID:		RRFAL1 = BN034750.D			RRFAL2 = BN034751.D		RRFAL3 = BN034752.D	
		RRFAL4 = BN034753.D			RRFAL5 = BN034754.D		RRFAL6 = BN034755.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.487	0.465	0.451	0.437	0.432	0.455	4.9
1,4-Dioxane-d8		0.437	0.425	0.408	0.400	0.400	0.414	4.0
Naphthalene	1.085	1.065	1.078	1.047	1.022		1.059	2.4
1-Methylnaphthalene	0.703	0.703	0.712	0.697	0.693		0.701	1.1
2-Methylnaphthalene	0.692	0.687	0.697	0.688	0.681		0.689	0.9
Acenaphthylene	1.842	1.813	1.836	1.817	1.796		1.821	1.0
Acenaphthene	1.421	1.398	1.413	1.385	1.346		1.393	2.1
Fluorene	1.550	1.553	1.579	1.560	1.516		1.552	1.5
Pentachlorophenol		0.064	0.066	0.076	0.087	0.101	0.079	19.4
Phenanthrene	1.223	1.207	1.224	1.210	1.182		1.209	1.4
Anthracene	1.102	1.101	1.131	1.135	1.129		1.120	1.5
Fluoranthene	2.110	1.876	1.977	1.899	1.840		1.940	5.5
Pyrene	2.198	1.965	2.054	1.975	1.907		2.020	5.6
Benzo(a)anthracene	1.610	1.593	1.622	1.598	1.580		1.601	1.0
Chrysene	1.648	1.621	1.629	1.584	1.533		1.603	2.8
Benzo(b)fluoranthene	1.612	1.617	1.644	1.651	1.616		1.628	1.1
Benzo(k)fluoranthene	1.672	1.604	1.691	1.640	1.603		1.642	2.4
Benzo(a)pyrene	1.399	1.381	1.431	1.411	1.386		1.402	1.4
Indeno(1,2,3-cd)pyrene	1.610	1.479	1.468	1.459	1.446		1.493	4.5
Dibenzo(a,h)anthracene	1.200	1.120	1.111	1.110	1.101		1.128	3.6
Benzo(g,h,i)perylene	1.279	1.181	1.153	1.137	1.114		1.173	5.5
Fluoranthene-d10	1.436	1.270	1.315	1.259	1.229		1.302	6.2
2-Methylnaphthalene-d10	0.505	0.502	0.507	0.499	0.494		0.502	1.1

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.: BN103124 SAS No.: BN103124 SDG NO.: BN103124

EPA Sample No.: SSTD0.4211 Date Analyzed: Nov 1 2024 12:00AM

Lab File ID: BN034752.D Time Analyzed: 00:18

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	7288	7.604	21819	10.37	12140	14.24
	UPPER LIMIT	14576	8.104	43638	10.872	24280	14.736
	LOWER LIMIT	3644	7.104	10909.5	9.872	6070	13.736
	EPA SAMPLE NO.						
01	F7H16	8270	7.60	26415	10.37	14899	14.24
02	SLCS390	7281	7.60	22241	10.37	12614	14.24
03	SBLK351	7612	7.60	24584	10.37	13812	14.24
04	SBLK390	8894	7.60	28621	10.37	15999	14.24
05	F7H14	8377	7.60	26840	10.37	14994	14.24
06	F7H24	8253	7.60	26073	10.37	14881	14.24
07	F7H25	7448	7.60	23471	10.37	13423	14.24
08	F7H21	7465	7.60	23529	10.37	13341	14.23
09	F7H22	7847	7.60	25146	10.37	14390	14.24
10	F7H23	8621	7.60	27833	10.37	15978	14.23
11	F7H35	8085	7.60	25582	10.37	14853	14.23
12	F7H36	8035	7.60	25648	10.37	14563	14.23
13	F7H37	9752	7.60	31272	10.37	17992	14.23
14	F7H45	8341	7.60	26522	10.37	15130	14.23
15	F7H46	8396	7.60	26749	10.37	15352	14.23
16	F7H47	7345	7.60	23579	10.37	13545	14.23
17	F7H24DL	7968	7.60	24503	10.37	13666	14.23
18	F7H14DL	7154	7.60	22485	10.37	12693	14.23
19	SBLK465	7818	7.60	24510	10.37	13392	14.23
20	SBLK483	6475	7.60	20403	10.37	11288	14.23
21	F7H49	6293	7.60	19648	10.37	11003	14.23
22	F7H50	6927	7.60	21578	10.37	12011	14.23
23	E1LB1	6432	7.60	19989	10.37	11231	14.23

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN103124 SAS No.: BN103124 SDG NO.: BN103124

EPA Sample No.: SSTD0.4211 Date Analyzed: Nov 1 2024 12:00AM

Lab File ID: BN034752.D Time Analyzed: 15:59

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	7288	7.604	21819	10.37	12140	14.24
	UPPER LIMIT	14576	8.104	43638	10.872	24280	14.736
	LOWER LIMIT	3644	7.104	10909.5	9.872	6070	13.736
	EPA SAMPLE NO.						
24	E1LB2	5405	7.60	16694	10.37	9240	14.23
25	E1LB3	6169	7.60	19065	10.36	10602	14.23
26	E1L95	6590	7.60	20135	10.36	11195	14.23
27	E1L64	7481	7.60	22989	10.36	12870	14.23
28	E1L77	7304	7.60	22370	10.36	12533	14.23
29	E1L79	6663	7.60	20459	10.36	11747	14.23
30	E1L63	6530	7.60	19933	10.36	11249	14.23
31	E1L63MS	8092	7.60	24113	10.36	12799	14.23
32	E1L63MSD	6585	7.60	19887	10.36	10540	14.23
33	SLCS465	6345	7.60	18940	10.36	10129	14.23
34	E1L80	8081	7.60	24368	10.36	13528	14.23
35	SLCS483	7331	7.60	21670	10.36	11849	14.23
36	SBLK447	8004	7.60	24918	10.36	13538	14.23
37	SBLK475	6952	7.60	21489	10.36	11862	14.23
38	E1L84	7946	7.60	24472	10.36	13716	14.23
39	E1L86	7696	7.60	22269	10.36	12319	14.23
40	E1L88	7401	7.60	22316	10.36	12088	14.23
41	E1L68	6969	7.60	21005	10.36	11549	14.23
42	E1L68MS	7047	7.60	20741	10.36	10954	14.23
43	E1L68MSD	7160	7.60	21134	10.36	11126	14.23
44	E1L93	7726	7.60	23151	10.36	12833	14.23
45	E1L94	6194	7.60	18945	10.36	10861	14.23
46	SBLK449	7761	7.60	23853	10.36	13321	14.23

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN103124 SAS No.: BN103124 SDG NO.: BN103124

EPA Sample No.: SSTD0.4211 Date Analyzed: Nov 2 2024 12:00AM

Lab File ID: BN034752.D Time Analyzed: 07:02

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	7288	7.604	21819	10.37	12140	14.24
	UPPER LIMIT	14576	8.104	43638	10.872	24280	14.736
	LOWER LIMIT	3644	7.104	10909.5	9.872	6070	13.736
	EPA SAMPLE NO.						
47	SLCS449	7021	7.60	20707	10.36	11324	14.23
48	SBLK515	6914	7.60	21600	10.36	12051	14.23
49	SLCS515	7433	7.60	22320	10.36	12102	14.23
50	SLCS475	7322	7.59	22031	10.36	11397	14.23
51	SLCS447	7960	7.59	23974	10.36	12226	14.23
52	SICV215	9357	7.60	28538	10.37	15989	14.24
53	SBLK418	7724	7.60	24613	10.37	14086	14.24
54	XA106	7232	7.60	22367	10.37	12479	14.24
55	XA106DL	7613	7.60	22571	10.37	12085	14.24
56	XA106DL2	7065	7.60	20850	10.37	11354	14.24
57	XA101	7712	7.60	24581	10.37	13308	14.24
58	XA101DL	9050	7.60	27949	10.37	15307	14.24
59	XA101DL2	9271	7.60	28441	10.37	15825	14.24
60	SBLK418	7566	7.60	23269	10.37	12797	14.24
61	F7H48	7527	7.60	23291	10.37	12925	14.24
62	E1L62	8016	7.60	24669	10.37	13382	14.24
63	BHK68	6820	7.60	21494	10.37	12187	14.24
64	BHK68MS	6275	7.60	19479	10.37	10728	14.24
65	BHK68MSD	6919	7.60	21471	10.37	11736	14.24
66	F7H10	7762	7.60	24988	10.37	14379	14.24
67	F7H11	7845	7.60	24941	10.37	14094	14.24
68	F7H12	9260	7.60	29176	10.37	16403	14.24
69	F7H13	8793	7.60	27899	10.37	15969	14.24

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN103124 SAS No.: BN103124 SDG NO.: BN103124

EPA Sample No.: SSTD0.4211 Date Analyzed: Oct 31 2024 12:00AM

Lab File ID: BN034752.D Time Analyzed: 21:54

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	7288	7.604	21819	10.37	12140	14.24
UPPER LIMIT	14576	8.104	43638	10.872	24280	14.736
LOWER LIMIT	3644	7.104	10909.5	9.872	6070	13.736
EPA SAMPLE NO.						
70 SLCS351	7222	7.60	21776	10.37	11957	14.24
71 SLCS418	6794	7.60	20539	10.37	11438	14.24
72 F7H17	7617	7.60	24200	10.37	13599	14.24
73 F7H15	7471	7.60	23626	10.37	13350	14.24

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.: BN103124 SAS No.: BN103124 SDG NO.: BN103124

EPA Sample No.: SSTD0.4320 Date Analyzed: Oct 31 2024 12:00AM

Lab File ID: BN034758.D Time Analyzed: 10:24

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	8536	7.6	25507	10.37	13811	14.24
UPPER LIMIT	17072	8.1	51014	10.866	27622	14.736
LOWER LIMIT	4268	7.1	12753.5	9.866	6905.5	13.736
EPA SAMPLE NO.						
01 SBLK418	7724	7.60	24613	10.37	14086	14.24
02 XA106	7232	7.60	22367	10.37	12479	14.24
03 XA106DL	7613	7.60	22571	10.37	12085	14.24
04 XA106DL2	7065	7.60	20850	10.37	11354	14.24
05 XA101	7712	7.60	24581	10.37	13308	14.24
06 XA101DL	9050	7.60	27949	10.37	15307	14.24
07 XA101DL2	9271	7.60	28441	10.37	15825	14.24

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.: BN103124 SAS No.: BN103124 SDG NO.: BN103124

EPA Sample No.: SSTD0.4321 Date Analyzed: Nov 1 2024 12:00AM

Lab File ID: BN034766.D Time Analyzed: 00:18

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	7582	7.604	22976	10.37	12675	14.24
	UPPER LIMIT	15164	8.104	45952	10.872	25350	14.736
	LOWER LIMIT	3791	7.104	11488	9.872	6337.5	13.736
	EPA SAMPLE NO.						
01	F7H16	8270	7.60	26415	10.37	14899	14.24
02	SLCS390	7281	7.60	22241	10.37	12614	14.24
01	SBLK418	7566	7.60	23269	10.37	12797	14.24
02	F7H48	7527	7.60	23291	10.37	12925	14.24
03	E1L62	8016	7.60	24669	10.37	13382	14.24
04	BHK68	6820	7.60	21494	10.37	12187	14.24
05	BHK68MS	6275	7.60	19479	10.37	10728	14.24
06	BHK68MSD	6919	7.60	21471	10.37	11736	14.24
07	F7H10	7762	7.60	24988	10.37	14379	14.24
08	F7H11	7845	7.60	24941	10.37	14094	14.24
09	F7H12	9260	7.60	29176	10.37	16403	14.24
10	F7H13	8793	7.60	27899	10.37	15969	14.24
11	SLCS351	7222	7.60	21776	10.37	11957	14.24
12	SLCS418	6794	7.60	20539	10.37	11438	14.24
13	F7H17	7617	7.60	24200	10.37	13599	14.24
14	F7H15	7471	7.60	23626	10.37	13350	14.24

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN103124 SAS No.: BN103124 SDG NO.: BN103124

EPA Sample No.: SSTD0.4321 Date Analyzed: Oct 31 2024 12:00AM

Lab File ID: BN034766.D Time Analyzed: 23:42

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	7582	7.604	22976	10.37	12675	14.24
UPPER LIMIT	15164	8.104	45952	10.872	25350	14.736
LOWER LIMIT	3791	7.104	11488	9.872	6337.5	13.736
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN103124 SAS No.: BN103124 SDG NO.: BN103124

EPA Sample No.: SSTD0.4322 Date Analyzed: Nov 1 2024 12:00AM

Lab File ID: BN034783.D Time Analyzed: 02:42

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	8571	7.6	26236	10.37	14401	14.24
	UPPER LIMIT	17142	8.1	52472	10.866	28802	14.736
	LOWER LIMIT	4285.5	7.1	13118	9.866	7200.5	13.736
	EPA SAMPLE NO.						
01	SBLK351	7612	7.60	24584	10.37	13812	14.24
02	SBLK390	8894	7.60	28621	10.37	15999	14.24
03	F7H14	8377	7.60	26840	10.37	14994	14.24
04	F7H24	8253	7.60	26073	10.37	14881	14.24
05	F7H25	7448	7.60	23471	10.37	13423	14.24
06	F7H21	7465	7.60	23529	10.37	13341	14.23
07	F7H22	7847	7.60	25146	10.37	14390	14.24
08	F7H23	8621	7.60	27833	10.37	15978	14.23
09	F7H35	8085	7.60	25582	10.37	14853	14.23
10	F7H36	8035	7.60	25648	10.37	14563	14.23
11	F7H37	9752	7.60	31272	10.37	17992	14.23
12	F7H45	8341	7.60	26522	10.37	15130	14.23
13	F7H46	8396	7.60	26749	10.37	15352	14.23
14	F7H47	7345	7.60	23579	10.37	13545	14.23
15	F7H24DL	7968	7.60	24503	10.37	13666	14.23
16	F7H14DL	7154	7.60	22485	10.37	12693	14.23

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN103124 SAS No.: BN103124 SDG NO.: BN103124

EPA Sample No.: SSTD0.4322 Date Analyzed: Nov 1 2024 12:00AM

Lab File ID: BN034783.D Time Analyzed: 11:45

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	8571	7.6	26236	10.37	14401	14.24
UPPER LIMIT	17142	8.1	52472	10.866	28802	14.736
LOWER LIMIT	4285.5	7.1	13118	9.866	7200.5	13.736
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN103124 SAS No.: BN103124 SDG NO.: BN103124

EPA Sample No.: SSTD0.4323 Date Analyzed: Nov 1 2024 12:00AM

Lab File ID: BN034800.D Time Analyzed: 12:57

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	7127	7.6	21371	10.37	11623	14.23
	UPPER LIMIT	14254	8.1	42742	10.866	23246	14.731
	LOWER LIMIT	3563.5	7.1	10685.5	9.866	5811.5	13.731
	EPA SAMPLE NO.						
01	SBLK465	7818	7.60	24510	10.37	13392	14.23
02	SBLK483	6475	7.60	20403	10.37	11288	14.23
03	F7H49	6293	7.60	19648	10.37	11003	14.23
04	F7H50	6927	7.60	21578	10.37	12011	14.23
05	E1LB1	6432	7.60	19989	10.37	11231	14.23
06	E1LB2	5405	7.60	16694	10.37	9240	14.23
07	E1LB3	6169	7.60	19065	10.36	10602	14.23
08	E1L95	6590	7.60	20135	10.36	11195	14.23
09	E1L64	7481	7.60	22989	10.36	12870	14.23
10	E1L77	7304	7.60	22370	10.36	12533	14.23
11	E1L79	6663	7.60	20459	10.36	11747	14.23
12	E1L63	6530	7.60	19933	10.36	11249	14.23
13	E1L63MS	8092	7.60	24113	10.36	12799	14.23
14	E1L63MSD	6585	7.60	19887	10.36	10540	14.23
15	SLCS465	6345	7.60	18940	10.36	10129	14.23
16	E1L80	8081	7.60	24368	10.36	13528	14.23
17	SLCS483	7331	7.60	21670	10.36	11849	14.23

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN103124 SAS No.: BN103124 SDG NO.: BN103124

EPA Sample No.: SSTD0.4323 Date Analyzed: Nov 1 2024 12:00AM

Lab File ID: BN034800.D Time Analyzed: 22:36

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	7127	7.6	21371	10.37	11623	14.23
UPPER LIMIT	14254	8.1	42742	10.866	23246	14.731
LOWER LIMIT	3563.5	7.1	10685.5	9.866	5811.5	13.731
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN103124 SAS No.: BN103124 SDG NO.: BN103124

EPA Sample No.: SSTD0.4324 Date Analyzed: Nov 2 2024 12:00AM

Lab File ID: BN034818.D Time Analyzed: 00:24

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	6315	7.596	19004	10.36	10209	14.23
	UPPER LIMIT	12630	8.096	38008	10.861	20418	14.731
	LOWER LIMIT	3157.5	7.096	9502	9.861	5104.5	13.731
	EPA SAMPLE NO.						
01	SBLK447	8004	7.60	24918	10.36	13538	14.23
02	SBLK475	6952	7.60	21489	10.36	11862	14.23
03	E1L84	7946	7.60	24472	10.36	13716	14.23
04	E1L86	7696	7.60	22269	10.36	12319	14.23
05	E1L88	7401	7.60	22316	10.36	12088	14.23
06	E1L68	6969	7.60	21005	10.36	11549	14.23
07	E1L68MS	7047	7.60	20741	10.36	10954	14.23
08	E1L68MSD	7160	7.60	21134	10.36	11126	14.23
09	E1L93	7726	7.60	23151	10.36	12833	14.23
10	E1L94	6194	7.60	18945	10.36	10861	14.23
11	SBLK449	7761	7.60	23853	10.36	13321	14.23
12	SLCS449	7021	7.60	20707	10.36	11324	14.23
13	SBLK515	6914	7.60	21600	10.36	12051	14.23
14	SLCS515	7433	7.60	22320	10.36	12102	14.23
15	SLCS475	7322	7.59	22031	10.36	11397	14.23
16	SLCS447	7960	7.59	23974	10.36	12226	14.23

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN103124 SAS No.: BN103124 SDG NO.: BN103124

EPA Sample No.: SSTD0.4324 Date Analyzed: Nov 2 2024 12:00AM

Lab File ID: BN034818.D Time Analyzed: 09:26

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	6315	7.596	19004	10.36	10209	14.23
UPPER LIMIT	12630	8.096	38008	10.861	20418	14.731
LOWER LIMIT	3157.5	7.096	9502	9.861	5104.5	13.731
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN103124 SAS No.: BN103124 SDG NO.: BN103124

EPA Sample No.: SSTD0.4211 Date Analyzed: Nov 1 2024 12:00AM

Lab File ID: BN034752.D Time Analyzed: 00:18

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	25311	16.983	16685	21.175	14310	23.358
	UPPER LIMIT	50622	17.483	33370	21.675	28620	23.858
	LOWER LIMIT	12655.5	16.483	8342.5	20.675	7155	22.858
	EPA SAMPLE NO.						
01	F7H16	29862	16.98	21244	21.17	18175	23.36
02	SLCS390	26243	16.98	18346	21.17	15555	23.35
03	SBLK351	27922	16.98	17916	21.17	15328	23.36
04	SBLK390	31684	16.98	20098	21.17	16177	23.36
05	F7H14	30508	16.98	23199	21.17	19147	23.36
06	F7H24	30472	16.98	22371	21.17	17490	23.36
07	F7H25	27318	16.98	19672	21.17	16287	23.36
08	F7H21	26834	16.98	18565	21.17	14674	23.35
09	F7H22	29038	16.98	20095	21.17	16034	23.35
10	F7H23	32434	16.98	21613	21.17	17031	23.36
11	F7H35	31002	16.98	21516	21.17	17732	23.36
12	F7H36	29963	16.98	21590	21.17	17711	23.36
13	F7H37	36126	16.98	24194	21.17	18721	23.35
14	F7H45	30730	16.98	21696	21.17	17478	23.35
15	F7H46	30951	16.98	20638	21.17	15540	23.35
16	F7H47	27796	16.98	19391	21.17	15857	23.35
17	F7H24DL	27735	16.98	19516	21.17	16212	23.35
18	F7H14DL	26118	16.98	19249	21.17	16718	23.35
19	SBLK465	26954	16.98	17860	21.17	14737	23.35
20	SBLK483	22975	16.98	14676	21.17	11615	23.35
21	F7H49	22222	16.98	14808	21.17	12194	23.35

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN103124 SAS No.: BN103124 SDG NO.: BN103124

EPA Sample No.: SSTD0.4211 Date Analyzed: Nov 1 2024 12:00AM

Lab File ID: BN034752.D Time Analyzed: 14:46

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	25311	16.983	16685	21.175	14310	23.358
	UPPER LIMIT	50622	17.483	33370	21.675	28620	23.858
	LOWER LIMIT	12655.5	16.483	8342.5	20.675	7155	22.858
	EPA SAMPLE NO.						
22	F7H50	24202	16.98	16086	21.17	12785	23.35
23	E1LB1	22808	16.98	15369	21.17	12647	23.35
24	E1LB2	19212	16.98	14066	21.17	12733	23.35
25	E1LB3	21979	16.98	15563	21.17	13067	23.35
26	E1L95	22591	16.98	15302	21.17	12731	23.35
27	E1L64	26512	16.98	19471	21.17	15645	23.36
28	E1L77	26050	16.98	17891	21.17	14823	23.35
29	E1L79	24483	16.98	17618	21.17	14863	23.35
30	E1L63	22721	16.98	15537	21.17	12367	23.35
31	E1L63MS	26104	16.98	18443	21.17	14998	23.35
32	E1L63MSD	21537	16.98	15205	21.17	12245	23.35
33	SLCS465	20975	16.98	14759	21.17	12450	23.35
34	E1L80	27384	16.98	18132	21.17	13944	23.35
35	SLCS483	24273	16.98	16446	21.17	12668	23.35
36	SBLK447	26688	16.98	16715	21.17	12828	23.35
37	SBLK475	23251	16.98	14266	21.17	10484	23.35
38	E1L84	27599	16.98	18550	21.17	13789	23.35
39	E1L86	25102	16.98	17728	21.17	15572	23.35
40	E1L88	25013	16.98	18832	21.17	15320	23.35
41	E1L68	23777	16.98	18042	21.17	15348	23.34
42	E1L68MS	22559	16.98	17792	21.17	16362	23.35

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN103124 SAS No.: BN103124 SDG NO.: BN103124

EPA Sample No.: SSTD0.4211 Date Analyzed: Nov 2 2024 12:00AM

Lab File ID: BN034752.D Time Analyzed: 04:38

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	25311	16.983	16685	21.175	14310	23.358
	UPPER LIMIT	50622	17.483	33370	21.675	28620	23.858
	LOWER LIMIT	12655.5	16.483	8342.5	20.675	7155	22.858
	EPA SAMPLE NO.						
43	E1L68MSD	22914	16.98	17852	21.17	15848	23.34
44	E1L93	25778	16.98	17779	21.17	14093	23.34
45	E1L94	22249	16.98	15487	21.17	12808	23.35
46	SBLK449	26894	16.98	17173	21.17	13752	23.35
47	SLCS449	23797	16.98	15837	21.17	12352	23.35
48	SBLK515	24060	16.98	15225	21.17	12024	23.34
49	SLCS515	24827	16.97	16299	21.17	12902	23.34
50	SLCS475	22945	16.97	14940	21.17	11653	23.34
51	SLCS447	23944	16.97	15148	21.17	11537	23.34
52	SICV215	32914	16.98	22643	21.17	20149	23.36
53	SBLK418	28332	16.98	16990	21.17	13770	23.36
54	XA106	25909	16.98	17998	21.18	14986	23.36
55	XA106DL	24735	16.98	14842	21.18	11910	23.36
56	XA106DL2	24341	16.98	15860	21.18	13651	23.36
57	XA101	27425	16.98	19397	21.18	17413	23.36
58	XA101DL	31028	16.98	20952	21.18	17294	23.36
59	XA101DL2	32299	16.98	22852	21.17	20857	23.36
60	SBLK418	25752	16.98	16659	21.17	14333	23.36
61	F7H48	26189	16.98	16877	21.17	13875	23.36
62	E1L62	27037	16.98	17889	21.18	14188	23.36
63	BHK68	24893	16.98	17654	21.17	14833	23.36

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN103124 SAS No.: BN103124 SDG NO.: BN103124

EPA Sample No.: SSTD0.4211 Date Analyzed: Oct 31 2024 12:00AM

Lab File ID: BN034752.D Time Analyzed: 18:16

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	25311	16.983	16685	21.175	14310	23.358
UPPER LIMIT	50622	17.483	33370	21.675	28620	23.858
LOWER LIMIT	12655.5	16.483	8342.5	20.675	7155	22.858
EPA SAMPLE NO.						
64 BHK68MS	21882	16.98	15486	21.17	12883	23.36
65 BHK68MSD	24021	16.98	17440	21.18	15642	23.36
66 F7H10	28800	16.98	19650	21.17	15994	23.36
67 F7H11	28372	16.98	19565	21.17	16378	23.36
68 F7H12	32585	16.98	21462	21.17	16826	23.36
69 F7H13	31606	16.98	21479	21.17	17445	23.36
70 SLCS351	24536	16.98	17199	21.17	14356	23.36
71 SLCS418	23438	16.98	15872	21.17	13170	23.36
72 F7H17	27696	16.98	19192	21.17	16314	23.36
73 F7H15	26631	16.98	18341	21.17	15596	23.36

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN103124 SAS No.: BN103124 SDG NO.: BN103124

EPA Sample No.: SSTD0.4320 Date Analyzed: Oct 31 2024 12:00AM

Lab File ID: BN034758.D Time Analyzed: 10:24

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	27807	16.983	15977	21.175	12941	23.358
UPPER LIMIT	55614	17.483	31954	21.675	25882	23.858
LOWER LIMIT	13903.5	16.483	7988.5	20.675	6470.5	22.858
EPA SAMPLE NO.						
01 SBLK418	28332	16.98	16990	21.17	13770	23.36
02 XA106	25909	16.98	17998	21.18	14986	23.36
03 XA106DL	24735	16.98	14842	21.18	11910	23.36
04 XA106DL2	24341	16.98	15860	21.18	13651	23.36
05 XA101	27425	16.98	19397	21.18	17413	23.36
06 XA101DL	31028	16.98	20952	21.18	17294	23.36
07 XA101DL2	32299	16.98	22852	21.17	20857	23.36

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN103124 SAS No.: BN103124 SDG NO.: BN103124

EPA Sample No.: SSTD0.4321 Date Analyzed: Nov 1 2024 12:00AM

Lab File ID: BN034766.D Time Analyzed: 00:18

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	25768	16.983	16935	21.175	14035	23.358
	UPPER LIMIT	51536	17.483	33870	21.675	28070	23.858
	LOWER LIMIT	12884	16.483	8467.5	20.675	7017.5	22.858
	EPA SAMPLE NO.						
01	F7H16	29862	16.98	21244	21.17	18175	23.36
02	SLCS390	26243	16.98	18346	21.17	15555	23.35
01	SBLK418	25752	16.98	16659	21.17	14333	23.36
02	F7H48	26189	16.98	16877	21.17	13875	23.36
03	E1L62	27037	16.98	17889	21.18	14188	23.36
04	BHK68	24893	16.98	17654	21.17	14833	23.36
05	BHK68MS	21882	16.98	15486	21.17	12883	23.36
06	BHK68MSD	24021	16.98	17440	21.18	15642	23.36
07	F7H10	28800	16.98	19650	21.17	15994	23.36
08	F7H11	28372	16.98	19565	21.17	16378	23.36
09	F7H12	32585	16.98	21462	21.17	16826	23.36
10	F7H13	31606	16.98	21479	21.17	17445	23.36
11	SLCS351	24536	16.98	17199	21.17	14356	23.36
12	SLCS418	23438	16.98	15872	21.17	13170	23.36
13	F7H17	27696	16.98	19192	21.17	16314	23.36
14	F7H15	26631	16.98	18341	21.17	15596	23.36

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN103124 SAS No.: BN103124 SDG NO.: BN103124

EPA Sample No.: SSTD0.4321 Date Analyzed: Oct 31 2024 12:00AM

Lab File ID: BN034766.D Time Analyzed: 23:42

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	25768	16.983	16935	21.175	14035	23.358
UPPER LIMIT	51536	17.483	33870	21.675	28070	23.858
LOWER LIMIT	12884	16.483	8467.5	20.675	7017.5	22.858
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.: BN103124 SAS No.: BN103124 SDG NO.: BN103124

EPA Sample No.: SSTD0.4322 Date Analyzed: Nov 1 2024 12:00AM

Lab File ID: BN034783.D Time Analyzed: 02:42

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	29052	16.979	18413	21.172	14209	23.355
	UPPER LIMIT	58104	17.479	36826	21.672	28418	23.855
	LOWER LIMIT	14526	16.479	9206.5	20.672	7104.5	22.855
	EPA SAMPLE NO.						
01	SBLK351	27922	16.98	17916	21.17	15328	23.36
02	SBLK390	31684	16.98	20098	21.17	16177	23.36
03	F7H14	30508	16.98	23199	21.17	19147	23.36
04	F7H24	30472	16.98	22371	21.17	17490	23.36
05	F7H25	27318	16.98	19672	21.17	16287	23.36
06	F7H21	26834	16.98	18565	21.17	14674	23.35
07	F7H22	29038	16.98	20095	21.17	16034	23.35
08	F7H23	32434	16.98	21613	21.17	17031	23.36
09	F7H35	31002	16.98	21516	21.17	17732	23.36
10	F7H36	29963	16.98	21590	21.17	17711	23.36
11	F7H37	36126	16.98	24194	21.17	18721	23.35
12	F7H45	30730	16.98	21696	21.17	17478	23.35
13	F7H46	30951	16.98	20638	21.17	15540	23.35
14	F7H47	27796	16.98	19391	21.17	15857	23.35
15	F7H24DL	27735	16.98	19516	21.17	16212	23.35
16	F7H14DL	26118	16.98	19249	21.17	16718	23.35

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN103124 SAS No.: BN103124 SDG NO.: BN103124

EPA Sample No.: SSTD0.4322 Date Analyzed: Nov 1 2024 12:00AM

Lab File ID: BN034783.D Time Analyzed: 11:45

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	29052	16.979	18413	21.172	14209	23.355
UPPER LIMIT	58104	17.479	36826	21.672	28418	23.855
LOWER LIMIT	14526	16.479	9206.5	20.672	7104.5	22.855
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.: BN103124 SAS No.: BN103124 SDG NO.: BN103124

EPA Sample No.: SSTD0.4323 Date Analyzed: Nov 1 2024 12:00AM

Lab File ID: BN034800.D Time Analyzed: 12:57

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	24500	16.979	18202	21.169	15663	23.349
	UPPER LIMIT	49000	17.479	36404	21.669	31326	23.849
	LOWER LIMIT	12250	16.479	9101	20.669	7831.5	22.849
	EPA SAMPLE NO.						
01	SBLK465	26954	16.98	17860	21.17	14737	23.35
02	SBLK483	22975	16.98	14676	21.17	11615	23.35
03	F7H49	22222	16.98	14808	21.17	12194	23.35
04	F7H50	24202	16.98	16086	21.17	12785	23.35
05	E1LB1	22808	16.98	15369	21.17	12647	23.35
06	E1LB2	19212	16.98	14066	21.17	12733	23.35
07	E1LB3	21979	16.98	15563	21.17	13067	23.35
08	E1L95	22591	16.98	15302	21.17	12731	23.35
09	E1L64	26512	16.98	19471	21.17	15645	23.36
10	E1L77	26050	16.98	17891	21.17	14823	23.35
11	E1L79	24483	16.98	17618	21.17	14863	23.35
12	E1L63	22721	16.98	15537	21.17	12367	23.35
13	E1L63MS	26104	16.98	18443	21.17	14998	23.35
14	E1L63MSD	21537	16.98	15205	21.17	12245	23.35
15	SLCS465	20975	16.98	14759	21.17	12450	23.35
16	E1L80	27384	16.98	18132	21.17	13944	23.35
17	SLCS483	24273	16.98	16446	21.17	12668	23.35

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN103124 SAS No.: BN103124 SDG NO.: BN103124

EPA Sample No.: SSTD0.4323 Date Analyzed: Nov 1 2024 12:00AM

Lab File ID: BN034800.D Time Analyzed: 22:36

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	24500	16.979	18202	21.169	15663	23.349
UPPER LIMIT	49000	17.479	36404	21.669	31326	23.849
LOWER LIMIT	12250	16.479	9101	20.669	7831.5	22.849
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.: BN103124 SAS No.: BN103124 SDG NO.: BN103124

EPA Sample No.: SSTD0.4324 Date Analyzed: Nov 2 2024 12:00AM

Lab File ID: BN034818.D Time Analyzed: 00:24

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	20854	16.975	14040	21.166	11239	23.349
	UPPER LIMIT	41708	17.475	28080	21.666	22478	23.849
	LOWER LIMIT	10427	16.475	7020	20.666	5619.5	22.849
	EPA SAMPLE NO.						
01	SBLK447	26688	16.98	16715	21.17	12828	23.35
02	SBLK475	23251	16.98	14266	21.17	10484	23.35
03	E1L84	27599	16.98	18550	21.17	13789	23.35
04	E1L86	25102	16.98	17728	21.17	15572	23.35
05	E1L88	25013	16.98	18832	21.17	15320	23.35
06	E1L68	23777	16.98	18042	21.17	15348	23.34
07	E1L68MS	22559	16.98	17792	21.17	16362	23.35
08	E1L68MSD	22914	16.98	17852	21.17	15848	23.34
09	E1L93	25778	16.98	17779	21.17	14093	23.34
10	E1L94	22249	16.98	15487	21.17	12808	23.35
11	SBLK449	26894	16.98	17173	21.17	13752	23.35
12	SLCS449	23797	16.98	15837	21.17	12352	23.35
13	SBLK515	24060	16.98	15225	21.17	12024	23.34
14	SLCS515	24827	16.97	16299	21.17	12902	23.34
15	SLCS475	22945	16.97	14940	21.17	11653	23.34
16	SLCS447	23944	16.97	15148	21.17	11537	23.34

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN103124 SAS No.: BN103124 SDG NO.: BN103124

EPA Sample No.: SSTD0.4324 Date Analyzed: Nov 2 2024 12:00AM

Lab File ID: BN034818.D Time Analyzed: 09:26

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	20854	16.975	14040	21.166	11239	23.349
UPPER LIMIT	41708	17.475	28080	21.666	22478	23.849
LOWER LIMIT	10427	16.475	7020	20.666	5619.5	22.849
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN103124

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
SSTDICV0.4	1,4-Dioxane	0.4	0	ug/L	0				0	0		
	Naphthalene	0.4	0	ug/L	0				0	0		
	1-Methylnaphthalene	0.4	0	ug/L	0				0	0		
	2-Methylnaphthalene	0.4	0	ug/L	0				0	0		
	Acenaphthylene	0.4	0	ug/L	0				0	0		
	Acenaphthene	0.4	0	ug/L	0				0	0		
	Fluorene	0.4	0	ug/L	0				0	0		
	Pentachlorophenol	0.4	0	ug/L	0				0	0		
	Phenanthrene	0.4	0	ug/L	0				0	0		
	Anthracene	0.4	0	ug/L	0				0	0		
	Fluoranthene	0.4	0	ug/L	0				0	0		
	Pyrene	0.4	0	ug/L	0				0	0		
	Benzo(a)anthracene	0.4	0	ug/L	0				0	0		
	Chrysene	0.4	0	ug/L	0				0	0		
	Benzo(b)fluoranthene	0.4	0	ug/L	0				0	0		
	Benzo(k)fluoranthene	0.4	0	ug/L	0				0	0		
	Benzo(a)pyrene	0.4	0	ug/L	0				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0	ug/L	0				0	0		
	Dibenzo(a,h)anthracene	0.4	0	ug/L	0				0	0		
	Benzo(g,h,i)perylene	0.4	0	ug/L	0				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN103124

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164351BS	1,4-Dioxane	66.7	76	ug/Kg	114				0	0		
	Naphthalene	13.3	16	ug/Kg	120				0	0		
	1-Methylnaphthalene	13.3	16	ug/Kg	120				0	0		
	2-Methylnaphthalene	13.3	16	ug/Kg	120				0	0		
	Acenaphthylene	13.3	16	ug/Kg	120				0	0		
	Acenaphthene	13.3	16	ug/Kg	120				0	0		
	Fluorene	13.3	15	ug/Kg	113				0	0		
	Pentachlorophenol	26.7	32	ug/Kg	120				0	0		
	Phenanthrene	13.3	15	ug/Kg	113				0	0		
	Anthracene	13.3	15	ug/Kg	113				0	0		
	Fluoranthene	13.3	15	ug/Kg	113				0	0		
	Pyrene	13.3	16	ug/Kg	120				0	0		
	Benzo(a)anthracene	13.3	16	ug/Kg	120				0	0		
	Chrysene	13.3	16	ug/Kg	120				0	0		
	Benzo(b)fluoranthene	13.3	17	ug/Kg	128				0	0		
	Benzo(k)fluoranthene	13.3	17	ug/Kg	128				0	0		
	Benzo(a)pyrene	13.3	17	ug/Kg	128				0	0		
	Indeno(1,2,3-cd)pyrene	13.3	16	ug/Kg	120				0	0		
	Dibenzo(a,h)anthracene	13.3	16	ug/Kg	120				0	0		
	Benzo(g,h,i)perylene	13.3	16	ug/Kg	120				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN103124

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164390BS	1,4-Dioxane	66.7	52	ug/Kg	78				0	0		
	Naphthalene	13.3	11	ug/Kg	83				0	0		
	1-Methylnaphthalene	13.3	12	ug/Kg	90				0	0		
	2-Methylnaphthalene	13.3	10	ug/Kg	75				0	0		
	Acenaphthylene	13.3	10	ug/Kg	75				0	0		
	Acenaphthene	13.3	10	ug/Kg	75				0	0		
	Fluorene	13.3	9.5	ug/Kg	71				0	0		
	Pentachlorophenol	26.7	20	ug/Kg	75				0	0		
	Phenanthrene	13.3	9.8	ug/Kg	74				0	0		
	Anthracene	13.3	9.3	ug/Kg	70				0	0		
	Fluoranthene	13.3	10	ug/Kg	75				0	0		
	Pyrene	13.3	10	ug/Kg	75				0	0		
	Benzo(a)anthracene	13.3	11	ug/Kg	83				0	0		
	Chrysene	13.3	11	ug/Kg	83				0	0		
	Benzo(b)fluoranthene	13.3	11	ug/Kg	83				0	0		
	Benzo(k)fluoranthene	13.3	11	ug/Kg	83				0	0		
	Benzo(a)pyrene	13.3	11	ug/Kg	83				0	0		
	Indeno(1,2,3-cd)pyrene	13.3	10	ug/Kg	75				0	0		
	Dibenzo(a,h)anthracene	13.3	10	ug/Kg	75				0	0		
	Benzo(g,h,i)perylene	13.3	10	ug/Kg	75				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN103124

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164418BS	1,4-Dioxane	2	1.8	ug/L	90				0	0		
	Naphthalene	0.4	0.4	ug/L	100				0	0		
	1-Methylnaphthalene	0.4	0.41	ug/L	103				0	0		
	2-Methylnaphthalene	0.4	0.41	ug/L	103				0	0		
	Acenaphthylene	0.4	0.4	ug/L	100				0	0		
	Acenaphthene	0.4	0.4	ug/L	100				0	0		
	Fluorene	0.4	0.4	ug/L	100				0	0		
	Pentachlorophenol	0.8	0.71	ug/L	89				0	0		
	Phenanthrene	0.4	0.41	ug/L	103				0	0		
	Anthracene	0.4	0.4	ug/L	100				0	0		
	Fluoranthene	0.4	0.41	ug/L	103				0	0		
	Pyrene	0.4	0.41	ug/L	103				0	0		
	Benzo(a)anthracene	0.4	0.42	ug/L	105				0	0		
	Chrysene	0.4	0.43	ug/L	108				0	0		
	Benzo(b)fluoranthene	0.4	0.45	ug/L	113				0	0		
	Benzo(k)fluoranthene	0.4	0.44	ug/L	110				0	0		
	Benzo(a)pyrene	0.4	0.43	ug/L	108				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.41	ug/L	103				0	0		
	Dibenzo(a,h)anthracene	0.4	0.42	ug/L	105				0	0		
	Benzo(g,h,i)perylene	0.4	0.41	ug/L	103				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN103124

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164447BS	1,4-Dioxane	2	1.8	ug/L	90				0	0		
	Naphthalene	0.4	0.39	ug/L	98				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	0.38	ug/L	95				0	0		
	Acenaphthene	0.4	0.4	ug/L	100				0	0		
	Fluorene	0.4	0.38	ug/L	95				0	0		
	Pentachlorophenol	0.8	0.64	ug/L	80				0	0		
	Phenanthrene	0.4	0.4	ug/L	100				0	0		
	Anthracene	0.4	0.39	ug/L	98				0	0		
	Fluoranthene	0.4	0.42	ug/L	105				0	0		
	Pyrene	0.4	0.41	ug/L	103				0	0		
	Benzo(a)anthracene	0.4	0.4	ug/L	100				0	0		
	Chrysene	0.4	0.43	ug/L	108				0	0		
	Benzo(b)fluoranthene	0.4	0.45	ug/L	113				0	0		
	Benzo(k)fluoranthene	0.4	0.46	ug/L	115				0	0		
	Benzo(a)pyrene	0.4	0.42	ug/L	105				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.46	ug/L	115				0	0		
	Dibenzo(a,h)anthracene	0.4	0.47	ug/L	117				0	0		
	Benzo(g,h,i)perylene	0.4	0.48	ug/L	120				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN103124

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164449BS	1,4-Dioxane	2	1.7	ug/L	85				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	0.38	ug/L	95				0	0		
	Acenaphthene	0.4	0.38	ug/L	95				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	0.39	ug/L	98				0	0		
	Anthracene	0.4	0.38	ug/L	95				0	0		
	Fluoranthene	0.4	0.39	ug/L	98				0	0		
	Pyrene	0.4	0.39	ug/L	98				0	0		
	Benzo(a)anthracene	0.4	0.38	ug/L	95				0	0		
	Chrysene	0.4	0.4	ug/L	100				0	0		
	Benzo(b)fluoranthene	0.4	0.43	ug/L	108				0	0		
	Benzo(k)fluoranthene	0.4	0.41	ug/L	103				0	0		
	Benzo(a)pyrene	0.4	0.4	ug/L	100				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.42	ug/L	105				0	0		
	Dibenzo(a,h)anthracene	0.4	0.43	ug/L	108				0	0		
	Benzo(g,h,i)perylene	0.4	0.43	ug/L	108				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN103124

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB164465BS	1,4-Dioxane	2	1.7	ug/L	85				0	0	
	Naphthalene	0.4	0.38	ug/L	95				0	0	
	1-Methylnaphthalene	0.4	0.37	ug/L	93				0	0	
	2-Methylnaphthalene	0.4	0.37	ug/L	93				0	0	
	Acenaphthylene	0.4	0.36	ug/L	90				0	0	
	Acenaphthene	0.4	0.38	ug/L	95				0	0	
	Fluorene	0.4	0.37	ug/L	93				0	0	
	Pentachlorophenol	0.8	0.68	ug/L	85				0	0	
	Phenanthrene	0.4	0.38	ug/L	95				0	0	
	Anthracene	0.4	0.37	ug/L	93				0	0	
	Fluoranthene	0.4	0.36	ug/L	90				0	0	
	Pyrene	0.4	0.37	ug/L	93				0	0	
	Benzo(a)anthracene	0.4	0.38	ug/L	95				0	0	
	Chrysene	0.4	0.4	ug/L	100				0	0	
	Benzo(b)fluoranthene	0.4	0.41	ug/L	103				0	0	
	Benzo(k)fluoranthene	0.4	0.42	ug/L	105				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	0.42	ug/L	105				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.: BN103124

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164475BS	1,4-Dioxane	2	1.7	ug/L	85				0	0		
	Naphthalene	0.4	0.39	ug/L	98				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	0.38	ug/L	95				0	0		
	Acenaphthene	0.4	0.39	ug/L	98				0	0		
	Fluorene	0.4	0.38	ug/L	95				0	0		
	Pentachlorophenol	0.8	0.62	ug/L	78				0	0		
	Phenanthrene	0.4	0.4	ug/L	100				0	0		
	Anthracene	0.4	0.38	ug/L	95				0	0		
	Fluoranthene	0.4	0.41	ug/L	103				0	0		
	Pyrene	0.4	0.4	ug/L	100				0	0		
	Benzo(a)anthracene	0.4	0.4	ug/L	100				0	0		
	Chrysene	0.4	0.42	ug/L	105				0	0		
	Benzo(b)fluoranthene	0.4	0.45	ug/L	113				0	0		
	Benzo(k)fluoranthene	0.4	0.45	ug/L	113				0	0		
	Benzo(a)pyrene	0.4	0.43	ug/L	108				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.46	ug/L	115				0	0		
	Dibenzo(a,h)anthracene	0.4	0.47	ug/L	117				0	0		
	Benzo(g,h,i)perylene	0.4	0.47	ug/L	117				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN103124

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164483BS	1,4-Dioxane	2	1.6	ug/L	80				0	0		
	Naphthalene	0.4	0.35	ug/L	88				0	0		
	1-Methylnaphthalene	0.4	0.35	ug/L	88				0	0		
	2-Methylnaphthalene	0.4	0.35	ug/L	88				0	0		
	Acenaphthylene	0.4	0.35	ug/L	88				0	0		
	Acenaphthene	0.4	0.36	ug/L	90				0	0		
	Fluorene	0.4	0.35	ug/L	88				0	0		
	Pentachlorophenol	0.8	0.61	ug/L	76				0	0		
	Phenanthrene	0.4	0.36	ug/L	90				0	0		
	Anthracene	0.4	0.35	ug/L	88				0	0		
	Fluoranthene	0.4	0.36	ug/L	90				0	0		
	Pyrene	0.4	0.36	ug/L	90				0	0		
	Benzo(a)anthracene	0.4	0.36	ug/L	90				0	0		
	Chrysene	0.4	0.38	ug/L	95				0	0		
	Benzo(b)fluoranthene	0.4	0.41	ug/L	103				0	0		
	Benzo(k)fluoranthene	0.4	0.4	ug/L	100				0	0		
	Benzo(a)pyrene	0.4	0.38	ug/L	95				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.39	ug/L	98				0	0		
	Dibenzo(a,h)anthracene	0.4	0.4	ug/L	100				0	0		
	Benzo(g,h,i)perylene	0.4	0.39	ug/L	98				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN103124

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164515BS	1,4-Dioxane	2	1.6	ug/L	80				0	0		
	Naphthalene	0.4	0.37	ug/L	93				0	0		
	1-Methylnaphthalene	0.4	0.37	ug/L	93				0	0		
	2-Methylnaphthalene	0.4	0.37	ug/L	93				0	0		
	Acenaphthylene	0.4	0.36	ug/L	90				0	0		
	Acenaphthene	0.4	0.37	ug/L	93				0	0		
	Fluorene	0.4	0.37	ug/L	93				0	0		
	Pentachlorophenol	0.8	0.6	ug/L	75				0	0		
	Phenanthrene	0.4	0.38	ug/L	95				0	0		
	Anthracene	0.4	0.37	ug/L	93				0	0		
	Fluoranthene	0.4	0.38	ug/L	95				0	0		
	Pyrene	0.4	0.38	ug/L	95				0	0		
	Benzo(a)anthracene	0.4	0.38	ug/L	95				0	0		
	Chrysene	0.4	0.4	ug/L	100				0	0		
	Benzo(b)fluoranthene	0.4	0.41	ug/L	103				0	0		
	Benzo(k)fluoranthene	0.4	0.42	ug/L	105				0	0		
	Benzo(a)pyrene	0.4	0.39	ug/L	98				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.42	ug/L	105				0	0		
	Dibenzo(a,h)anthracene	0.4	0.43	ug/L	108				0	0		
	Benzo(g,h,i)perylene	0.4	0.44	ug/L	110				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK351

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN103124

SAS No.: BN103124 SDG NO.: BN103124

Lab File ID: BN034784.D

Lab Sample ID: PB164351BL

Instrument ID: BNA_N

Date Extracted: 10/23/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/01/2024

Level: (low/med) LOW

Time Analyzed: 02:42

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
XA101	P4476-02	BN034763.D	10/31/2024
BHK68	P4435-01	BN034770.D	10/31/2024
BHK68MS	P4435-02MS	BN034771.D	10/31/2024
BHK68MSD	P4435-03MSD	BN034772.D	10/31/2024
PB164351BS	PB164351BS	BN034777.D	10/31/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK390

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN103124

SAS No.: BN103124 SDG NO.: BN103124

Lab File ID: BN034785.D

Lab Sample ID: PB164390BL

Instrument ID: BNA_N

Date Extracted: 10/24/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/01/2024

Level: (low/med) LOW

Time Analyzed: 03:19

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
F7H14	P4529-05	BN034786.D	11/01/2024
F7H24	P4529-09	BN034787.D	11/01/2024
F7H25	P4529-10	BN034788.D	11/01/2024
F7H21	P4529-11	BN034789.D	11/01/2024
F7H22	P4529-12	BN034790.D	11/01/2024
F7H23	P4529-13	BN034791.D	11/01/2024
F7H35	P4529-14	BN034792.D	11/01/2024
F7H36	P4529-15	BN034793.D	11/01/2024
F7H37	P4529-16	BN034794.D	11/01/2024
F7H45	P4529-17	BN034795.D	11/01/2024
F7H46	P4529-18	BN034796.D	11/01/2024
F7H47	P4529-19	BN034797.D	11/01/2024
F7H17	P4529-08	BN034779.D	10/31/2024
F7H15	P4529-06	BN034780.D	10/31/2024
F7H16	P4529-07	BN034781.D	11/01/2024
PB164390BS	PB164390BS	BN034782.D	11/01/2024
F7H10	P4529-01	BN034773.D	10/31/2024
F7H11	P4529-02	BN034774.D	10/31/2024
F7H12	P4529-03	BN034775.D	10/31/2024
F7H13	P4529-04	BN034776.D	10/31/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK418

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN103124

SAS No.: BN103124 SDG NO.: BN103124

Lab File ID: BN034767.D

Lab Sample ID: PB164418BL

Instrument ID: BNA_N

Date Extracted: 10/24/2024

Matrix: (soil/water) Water

Date Analyzed: 10/31/2024

Level: (low/med) LOW

Time Analyzed: 15:52

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
XA106	P4476-07	BN034760.D	10/31/2024
PB164418BS	PB164418BS	BN034778.D	10/31/2024
F7H48	P4529-20	BN034768.D	10/31/2024
E1L62	P4534-01	BN034769.D	10/31/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK447

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN103124

SAS No.: BN103124 SDG NO.: BN103124

Lab File ID: BN034819.D

Lab Sample ID: PB164447BL

Instrument ID: BNA_N

Date Extracted: 10/26/2024

Matrix: (soil/water) Water

Date Analyzed: 11/02/2024

Level: (low/med) LOW

Time Analyzed: 00:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1L63	P4534-02	BN034812.D	11/01/2024
E1L63MS	P4534-03MS	BN034813.D	11/01/2024
E1L63MSD	P4534-04MSD	BN034814.D	11/01/2024
PB164447BS	PB164447BS	BN034834.D	11/02/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK449

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN103124

SAS No.: BN103124 SDG NO.: BN103124

Lab File ID: BN034829.D

Lab Sample ID: PB164449BL

Instrument ID: BNA_N

Date Extracted: 10/26/2024

Matrix: (soil/water) Water

Date Analyzed: 11/02/2024

Level: (low/med) LOW

Time Analyzed: 06:26

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164449BS	PB164449BS	BN034830.D	11/02/2024
E1L68	P4535-01	BN034824.D	11/02/2024
E1L68MS	P4535-02MS	BN034825.D	11/02/2024
E1L68MSD	P4535-03MSD	BN034826.D	11/02/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK465

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN103124

SAS No.: BN103124 SDG NO.: BN103124

Lab File ID: BN034801.D

Lab Sample ID: PB164465BL

Instrument ID: BNA_N

Date Extracted: 10/28/2024

Matrix: (soil/water) Water

Date Analyzed: 11/01/2024

Level: (low/med) LOW

Time Analyzed: 12:57

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164465BS	PB164465BS	BN034815.D	11/01/2024
F7H49	P4530-03	BN034803.D	11/01/2024
F7H50	P4530-18	BN034804.D	11/01/2024
E1LB1	P4534-09	BN034805.D	11/01/2024
E1LB2	P4534-10	BN034806.D	11/01/2024
E1LB3	P4534-11	BN034807.D	11/01/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK475

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN103124

SAS No.: BN103124 SDG NO.: BN103124

Lab File ID: BN034820.D

Lab Sample ID: PB164475BL

Instrument ID: BNA_N

Date Extracted: 10/28/2024

Matrix: (soil/water) Water

Date Analyzed: 11/02/2024

Level: (low/med) LOW

Time Analyzed: 01:01

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1L84	P4534-13	BN034821.D	11/02/2024
E1L86	P4534-14	BN034822.D	11/02/2024
E1L88	P4534-15	BN034823.D	11/02/2024
E1L80	P4534-12	BN034816.D	11/01/2024
PB164475BS	PB164475BS	BN034833.D	11/02/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK483

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN103124

SAS No.: BN103124 SDG NO.: BN103124

Lab File ID: BN034802.D

Lab Sample ID: PB164483BL

Instrument ID: BNA_N

Date Extracted: 10/28/2024

Matrix: (soil/water) Water

Date Analyzed: 11/01/2024

Level: (low/med) LOW

Time Analyzed: 13:33

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164483BS	PB164483BS	BN034817.D	11/01/2024
E1L95	P4534-16	BN034808.D	11/01/2024
E1L64	P4534-17	BN034809.D	11/01/2024
E1L77	P4558-01	BN034810.D	11/01/2024
E1L79	P4558-02	BN034811.D	11/01/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK515

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN103124

SAS No.: BN103124 SDG NO.: BN103124

Lab File ID: BN034831.D

Lab Sample ID: PB164515BL

Instrument ID: BNA_N

Date Extracted: 10/29/2024

Matrix: (soil/water) Water

Date Analyzed: 11/02/2024

Level: (low/med) LOW

Time Analyzed: 07:38

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164515BS	PB164515BS	BN034832.D	11/02/2024
E1L93	P4558-10	BN034827.D	11/02/2024
E1L94	P4558-11	BN034828.D	11/02/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN103124

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4435-02MS	Client Sample ID:	BHK68MS					DataFile:	BN034771.D		
1,4-Dioxane	72.5		40	ug/Kg	55				15	120	
Naphthalene	14.5		9.8	ug/Kg	68				0	0	
1-Methylnaphthalene	14.5	0	12	ug/Kg	83				0	0	
2-Methylnaphthalene	14.5		10	ug/Kg	69				0	0	
Acenaphthylene	14.5	4.7	12	ug/Kg	50				0	0	
Acenaphthene	14.5	1.6	11	ug/Kg	65				31	137	
Fluorene	14.5	2.1	11	ug/Kg	61				0	0	
Pentachlorophenol	29		7.1	ug/Kg	24				17	109	
Phenanthrene	14.5	22	18	ug/Kg	-28				0	0	
Anthracene	14.5	3.6	12	ug/Kg	58				0	0	
Fluoranthene	14.5	30	22	ug/Kg	-55				0	0	
Pyrene	14.5	29	22	ug/Kg	-48	*			35	142	
Benzo(a)anthracene	14.5	13	16	ug/Kg	21				0	0	
Chrysene	14.5	15	17	ug/Kg	14				0	0	
Benzo(b)fluoranthene	14.5	17	18	ug/Kg	7				0	0	
Benzo(k)fluoranthene	14.5	6.4	15	ug/Kg	59				0	0	
Benzo(a)pyrene	14.5	14	17	ug/Kg	21				0	0	
Indeno(1,2,3-cd)pyrene	14.5	7.1	14	ug/Kg	48				0	0	
Dibenzo(a,h)anthracene	14.5	2.2	13	ug/Kg	74				0	0	
Benzo(g,h,i)perylene	14.5	8.8	15	ug/Kg	43				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN103124

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4435-03MSD		Client Sample ID: BHK68MSD		DataFile: BN034772.D							
1,4-Dioxane	72.5		34	ug/Kg	47		16		15	120	50
Naphthalene	14.5		8.2	ug/Kg	57		18	*	0	0	0
1-Methylnaphthalene	14.5	0	9.7	ug/Kg	67		21	*	0	0	0
2-Methylnaphthalene	14.5		8.3	ug/Kg	57		19	*	0	0	0
Acenaphthylene	14.5	4.7	9.9	ug/Kg	36		33	*	0	0	0
Acenaphthene	14.5	1.6	8.9	ug/Kg	50		26	*	31	137	19
Fluorene	14.5	2.1	9.2	ug/Kg	49		22	*	0	0	0
Pentachlorophenol	29		5.8	ug/Kg	20		18		17	109	47
Phenanthrene	14.5	22	15	ug/Kg	-48		53	*	0	0	0
Anthracene	14.5	3.6	9.6	ug/Kg	41		34	*	0	0	0
Fluoranthene	14.5	30	18	ug/Kg	-83		41	*	0	0	0
Pyrene	14.5	29	18	ug/Kg	-76	*	45	*	35	142	36
Benzo(a)anthracene	14.5	13	14	ug/Kg	7		100	*	0	0	0
Chrysene	14.5	15	14	ug/Kg	-7		600	*	0	0	0
Benzo(b)fluoranthene	14.5	17	15	ug/Kg	-14		600	*	0	0	0
Benzo(k)fluoranthene	14.5	6.4	12	ug/Kg	39		41	*	0	0	0
Benzo(a)pyrene	14.5	14	14	ug/Kg	0		200	*	0	0	0
Indeno(1,2,3-cd)pyrene	14.5	7.1	12	ug/Kg	34		34	*	0	0	0
Dibenzo(a,h)anthracene	14.5	2.2	11	ug/Kg	61		19	*	0	0	0
Benzo(g,h,i)perylene	14.5	8.8	13	ug/Kg	29		39	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN103124

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4534-03MS		Client Sample ID: E1L63MS		DataFile: BN034813.D							
1,4-Dioxane	2		0.81	ug/L	41				15	120	
Naphthalene	0.4		0.38	ug/L	95				0	0	
1-Methylnaphthalene	0.4		0.37	ug/L	93				0	0	
2-Methylnaphthalene	0.4		0.36	ug/L	90				0	0	
Acenaphthylene	0.4		0.4	ug/L	100				0	0	
Acenaphthene	0.4		0.4	ug/L	100				46	118	
Fluorene	0.4		0.42	ug/L	105				0	0	
Pentachlorophenol	0.8		1.1	ug/L	138	*			9	103	
Phenanthrene	0.4		0.45	ug/L	113				0	0	
Anthracene	0.4		0.43	ug/L	108				0	0	
Fluoranthene	0.4		0.47	ug/L	117				0	0	
Pyrene	0.4		0.47	ug/L	117				26	127	
Benzo(a)anthracene	0.4		0.49	ug/L	123				0	0	
Chrysene	0.4		0.5	ug/L	125				0	0	
Benzo(b)fluoranthene	0.4		0.53	ug/L	133				0	0	
Benzo(k)fluoranthene	0.4		0.52	ug/L	130				0	0	
Benzo(a)pyrene	0.4		0.48	ug/L	120				0	0	
Indeno(1,2,3-cd)pyrene	0.4		0.52	ug/L	130				0	0	
Dibenzo(a,h)anthracene	0.4		0.53	ug/L	133				0	0	
Benzo(g,h,i)perylene	0.4		0.52	ug/L	130				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN103124

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4534-04MSD		Client Sample ID: E1L63MSD		DataFile: BN034814.D							
1,4-Dioxane	2		0.87	ug/L	44		7		15	120	50
Naphthalene	0.4		0.4	ug/L	100		5	*	0	0	0
1-Methylnaphthalene	0.4		0.4	ug/L	100		7	*	0	0	0
2-Methylnaphthalene	0.4		0.39	ug/L	98		9	*	0	0	0
Acenaphthylene	0.4		0.43	ug/L	108		8	*	0	0	0
Acenaphthene	0.4		0.43	ug/L	108		8		46	118	31
Fluorene	0.4		0.45	ug/L	113		7	*	0	0	0
Pentachlorophenol	0.8		1.1	ug/L	138	*	0		9	103	50
Phenanthrene	0.4		0.49	ug/L	123		8	*	0	0	0
Anthracene	0.4		0.46	ug/L	115		6	*	0	0	0
Fluoranthene	0.4		0.51	ug/L	128		9	*	0	0	0
Pyrene	0.4		0.51	ug/L	128	*	9		26	127	31
Benzo(a)anthracene	0.4		0.52	ug/L	130		6	*	0	0	0
Chrysene	0.4		0.54	ug/L	135		8	*	0	0	0
Benzo(b)fluoranthene	0.4		0.58	ug/L	145		9	*	0	0	0
Benzo(k)fluoranthene	0.4		0.57	ug/L	143		10	*	0	0	0
Benzo(a)pyrene	0.4		0.51	ug/L	128		6	*	0	0	0
Indeno(1,2,3-cd)pyrene	0.4		0.54	ug/L	135		4	*	0	0	0
Dibenzo(a,h)anthracene	0.4		0.56	ug/L	140		5	*	0	0	0
Benzo(g,h,i)perylene	0.4		0.54	ug/L	135		4	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN103124

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4535-02MS	Client Sample ID:	E1L68MS					DataFile:	BN034825.D		
1,4-Dioxane	2		0.68	ug/L	34				15	120	
Naphthalene	0.4		0.34	ug/L	85				0	0	
1-Methylnaphthalene	0.4		0.33	ug/L	83				0	0	
2-Methylnaphthalene	0.4		0.32	ug/L	80				0	0	
Acenaphthylene	0.4		0.38	ug/L	95				0	0	
Acenaphthene	0.4		0.38	ug/L	95				46	118	
Fluorene	0.4		0.4	ug/L	100				0	0	
Pentachlorophenol	0.8		1.1	ug/L	138	*			9	103	
Phenanthrene	0.4		0.43	ug/L	108				0	0	
Anthracene	0.4		0.43	ug/L	108				0	0	
Fluoranthene	0.4		0.4	ug/L	100				0	0	
Pyrene	0.4		0.42	ug/L	105				26	127	
Benzo(a)anthracene	0.4		0.46	ug/L	115				0	0	
Chrysene	0.4		0.45	ug/L	113				0	0	
Benzo(b)fluoranthene	0.4		0.45	ug/L	113				0	0	
Benzo(k)fluoranthene	0.4		0.45	ug/L	113				0	0	
Benzo(a)pyrene	0.4		0.44	ug/L	110				0	0	
Indeno(1,2,3-cd)pyrene	0.4		0.44	ug/L	110				0	0	
Dibenzo(a,h)anthracene	0.4		0.45	ug/L	113				0	0	
Benzo(g,h,i)perylene	0.4		0.43	ug/L	108				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN103124

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4535-03MSD		Client Sample ID: E1L68MSD					DataFile: BN034826.D				
1,4-Dioxane	2		0.75	ug/L	38		11		15	120	50
Naphthalene	0.4		0.37	ug/L	93		9	*	0	0	0
1-Methylnaphthalene	0.4		0.35	ug/L	88		6	*	0	0	0
2-Methylnaphthalene	0.4		0.35	ug/L	88		10	*	0	0	0
Acenaphthylene	0.4		0.41	ug/L	103		8	*	0	0	0
Acenaphthene	0.4		0.41	ug/L	103		8		46	118	31
Fluorene	0.4		0.43	ug/L	108		8	*	0	0	0
Pentachlorophenol	0.8		1.2	ug/L	150	*	8		9	103	50
Phenanthrene	0.4		0.47	ug/L	117		8	*	0	0	0
Anthracene	0.4		0.47	ug/L	117		8	*	0	0	0
Fluoranthene	0.4		0.44	ug/L	110		10	*	0	0	0
Pyrene	0.4		0.46	ug/L	115		9		26	127	31
Benzo(a)anthracene	0.4		0.49	ug/L	123		7	*	0	0	0
Chrysene	0.4		0.49	ug/L	123		8	*	0	0	0
Benzo(b)fluoranthene	0.4		0.49	ug/L	123		8	*	0	0	0
Benzo(k)fluoranthene	0.4		0.48	ug/L	120		6	*	0	0	0
Benzo(a)pyrene	0.4		0.47	ug/L	117		6	*	0	0	0
Indeno(1,2,3-cd)pyrene	0.4		0.47	ug/L	117		6	*	0	0	0
Dibenzo(a,h)anthracene	0.4		0.48	ug/L	120		6	*	0	0	0
Benzo(g,h,i)perylene	0.4		0.46	ug/L	115		6	*	0	0	0

Surrogate Summary

SW-846

SDG No.: BN103124

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4435-01	BHK68	BN034770.D	1,4-Dioxane-d8	8	4.69	59		15	120
			Fluoranthene-d10	0.4	0.36	90		30	130
			2-Methylnaphthalene-d10	0.4	0.35	87		20	140
P4435-02MS	BHK68MS	BN034771.D	1,4-Dioxane-d8	0.8	0.44	55		15	120
			Fluoranthene-d10	0.4	0.33	81		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		20	140
P4435-03MSD	BHK68MSD	BN034772.D	1,4-Dioxane-d8	0.8	0.37	46		15	120
			Fluoranthene-d10	0.4	0.27	66		30	130
			2-Methylnaphthalene-d10	0.4	0.24	59		20	140
P4476-02	XA101	BN034763.D	1,4-Dioxane-d8	0.8	0.41	51		15	120
			Fluoranthene-d10	0.4	0.40	99		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		20	140
P4476-02DL	XA101DL	BN034764.D	1,4-Dioxane-d8	0.8	0.44	55		15	120
			Fluoranthene-d10	0.4	0.40	100		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		20	140
P4476-02DL2	XA101DL2	BN034765.D	1,4-Dioxane-d8	0.8	0.58	72		15	120
			Fluoranthene-d10	0.4	0.40	100		30	130
			2-Methylnaphthalene-d10	0.4	0.34	85		20	140
PB164351BL	PB164351BL	BN034784.D	1,4-Dioxane-d8	8	5.29	66		15	120
			Fluoranthene-d10	0.4	0.31	79		30	130
			2-Methylnaphthalene-d10	0.4	0.31	78		20	140
PB164351BS	PB164351BS	BN034777.D	1,4-Dioxane-d8	0.8	0.88	110		15	120
			Fluoranthene-d10	0.4	0.48	120		30	130
			2-Methylnaphthalene-d10	0.4	0.49	123		20	140

Surrogate Summary

SW-846

SDG No.: **BN103124**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4529-01	F7H10	BN034773.D	1,4-Dioxane-d8	8	6.31	79		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
			2-Methylnaphthalene-d10	0.4	0.42	106		20	140
P4529-02	F7H11	BN034774.D	1,4-Dioxane-d8	8	5.55	69		15	120
			Fluoranthene-d10	0.4	0.43	107		30	130
			2-Methylnaphthalene-d10	0.4	0.41	103		20	140
P4529-03	F7H12	BN034775.D	1,4-Dioxane-d8	8	5.81	73		15	120
			Fluoranthene-d10	0.4	0.44	111		30	130
			2-Methylnaphthalene-d10	0.4	0.41	103		20	140
P4529-04	F7H13	BN034776.D	1,4-Dioxane-d8	8	6.77	85		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
			2-Methylnaphthalene-d10	0.4	0.45	112		20	140
P4529-05	F7H14	BN034786.D	1,4-Dioxane-d8	8	3.60	45		15	120
			Fluoranthene-d10	0.4	0.20	50		30	130
			2-Methylnaphthalene-d10	0.4	0.23	56		20	140
P4529-05DL	F7H14DL	BN034799.D	1,4-Dioxane-d8	8	4.45	56		15	120
			Fluoranthene-d10	0.4	0.25	61		30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		20	140
P4529-06	F7H15	BN034780.D	1,4-Dioxane-d8	8	3.33	42		15	120
			Fluoranthene-d10	0.4	0.21	52		30	130
			2-Methylnaphthalene-d10	0.4	0.22	54		20	140
P4529-07	F7H16	BN034781.D	1,4-Dioxane-d8	8	3.74	47		15	120
			Fluoranthene-d10	0.4	0.24	59		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		20	140
P4529-08	F7H17	BN034779.D	1,4-Dioxane-d8	8	4.56	57		15	120
			Fluoranthene-d10	0.4	0.28	69		30	130
			2-Methylnaphthalene-d10	0.4	0.29	73		20	140
P4529-09	F7H24	BN034787.D	1,4-Dioxane-d8	8	4.06	51		15	120
			Fluoranthene-d10	0.4	0.27	67		30	130
			2-Methylnaphthalene-d10	0.4	0.28	71		20	140
P4529-09DL	F7H24DL	BN034798.D	1,4-Dioxane-d8	8	4.90	61		15	120
			Fluoranthene-d10	0.4	0.32	80		30	130
			2-Methylnaphthalene-d10	0.4	0.34	84		20	140
P4529-10	F7H25	BN034788.D	1,4-Dioxane-d8	8	3.72	46		15	120
			Fluoranthene-d10	0.4	0.25	62		30	130
			2-Methylnaphthalene-d10	0.4	0.26	65		20	140
P4529-11	F7H21	BN034789.D	1,4-Dioxane-d8	8	3.50	44		15	120
			Fluoranthene-d10	0.4	0.25	61		30	130
			2-Methylnaphthalene-d10	0.4	0.25	62		20	140
P4529-12	F7H22	BN034790.D	1,4-Dioxane-d8	8	4.07	51		15	120
			Fluoranthene-d10	0.4	0.27	68		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		20	140
P4529-13	F7H23	BN034791.D	1,4-Dioxane-d8	8	5.05	63		15	120
			Fluoranthene-d10	0.4	0.43	106		30	130
			2-Methylnaphthalene-d10	0.4	0.36	91		20	140
P4529-14	F7H35	BN034792.D	1,4-Dioxane-d8	8	4.33	54		15	120
			Fluoranthene-d10	0.4	0.30	75		30	130
			2-Methylnaphthalene-d10	0.4	0.31	78		20	140
P4529-15	F7H36	BN034793.D	1,4-Dioxane-d8	8	3.12	39		15	120

Surrogate Summary

SW-846

SDG No.: BN103124

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4529-15	F7H36	BN034793.D	Fluoranthene-d10	0.4	0.21	52		30	130
			2-Methylnaphthalene-d10	0.4	0.21	51		20	140
P4529-16	F7H37	BN034794.D	1,4-Dioxane-d8	8	5.99	75		15	120
			Fluoranthene-d10	0.4	0.44	111		30	130
P4529-17	F7H45	BN034795.D	2-Methylnaphthalene-d10	0.4	0.44	109		20	140
			1,4-Dioxane-d8	8	4.16	52		15	120
P4529-18	F7H46	BN034796.D	Fluoranthene-d10	0.4	0.26	66		30	130
			2-Methylnaphthalene-d10	0.4	0.28	71		20	140
P4529-19	F7H47	BN034797.D	1,4-Dioxane-d8	8	4.21	53		15	120
			Fluoranthene-d10	0.4	0.28	70		30	130
PB164390BL	PB164390BL	BN034785.D	2-Methylnaphthalene-d10	0.4	0.29	71		20	140
			1,4-Dioxane-d8	8	4.66	58		15	120
PB164390BS	PB164390BS	BN034782.D	Fluoranthene-d10	0.4	0.32	79		30	130
			2-Methylnaphthalene-d10	0.4	0.32	80		20	140
PB164390BS	PB164390BS	BN034782.D	1,4-Dioxane-d8	8	6.38	80		15	120
			Fluoranthene-d10	0.4	0.39	98		30	130
PB164390BS	PB164390BS	BN034782.D	2-Methylnaphthalene-d10	0.4	0.38	95		20	140
			1,4-Dioxane-d8	0.8	0.63	78		15	120
PB164390BS	PB164390BS	BN034782.D	Fluoranthene-d10	0.4	0.33	83		30	130
			2-Methylnaphthalene-d10	0.4	0.35	87		20	140

Surrogate Summary

SW-846

SDG No.: BN103124

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4476-07	XA106	BN034760.D	1,4-Dioxane-d8	0.8	0.68	85		15	120
			Fluoranthene-d10	0.4	0.43	107		30	130
			2-Methylnaphthalene-d10	0.4	0.42	104		30	130
P4476-07DL	XA106DL	BN034761.D	1,4-Dioxane-d8	0.8	0.78	97		15	120
			Fluoranthene-d10	0.4	0.51	126		30	130
			2-Methylnaphthalene-d10	0.4	0.44	109		30	130
P4476-07DL2	XA106DL2	BN034762.D	1,4-Dioxane-d8	0.8	0.80	100		15	120
			Fluoranthene-d10	0.4	0.50	125		30	130
			2-Methylnaphthalene-d10	0.4	0.44	110		30	130
P4529-20	F7H48	BN034768.D	1,4-Dioxane-d8	8	4.96	62		15	120
			Fluoranthene-d10	0.4	0.49	123		30	130
			2-Methylnaphthalene-d10	0.4	0.38	94		30	130
P4534-01	E1L62	BN034769.D	1,4-Dioxane-d8	8	4.91	61		15	120
			Fluoranthene-d10	0.4	0.47	118		30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		30	130
PB164418BL	PB164418BL	BN034767.D	1,4-Dioxane-d8	8	6.04	75		15	120
		BN034759.D	1,4-Dioxane-d8	8	6.11	76		15	120
			Fluoranthene-d10	0.4	0.38	94		30	130
		BN034767.D	Fluoranthene-d10	0.4	0.36	89		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
		BN034759.D	2-Methylnaphthalene-d10	0.4	0.36	90		30	130
PB164418BS	PB164418BS	BN034778.D	1,4-Dioxane-d8	0.8	0.77	97		15	120
			Fluoranthene-d10	0.4	0.43	107		30	130
			2-Methylnaphthalene-d10	0.4	0.44	110		30	130

Surrogate Summary

SW-846

SDG No.: BN103124

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4534-02	E1L63	BN034812.D	1,4-Dioxane-d8	8	5.78	72		15	120
			Fluoranthene-d10	0.4	0.53	132	*	30	130
			2-Methylnaphthalene-d10	0.4	0.41	102		30	130
P4534-03MS	E1L63MS	BN034813.D	1,4-Dioxane-d8	0.8	0.30	38		15	120
			Fluoranthene-d10	0.4	0.48	120		30	130
			2-Methylnaphthalene-d10	0.4	0.38	96		30	130
P4534-04MSD	E1L63MSD	BN034814.D	1,4-Dioxane-d8	0.8	0.34	42		15	120
			Fluoranthene-d10	0.4	0.52	130		30	130
			2-Methylnaphthalene-d10	0.4	0.41	103		30	130
PB164447BL	PB164447BL	BN034819.D	1,4-Dioxane-d8	8	5.85	73		15	120
			Fluoranthene-d10	0.4	0.35	86		30	130
			2-Methylnaphthalene-d10	0.4	0.33	83		30	130
PB164447BS	PB164447BS	BN034834.D	1,4-Dioxane-d8	0.8	0.75	94		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
			2-Methylnaphthalene-d10	0.4	0.41	103		30	130

Surrogate Summary

SW-846

SDG No.: BN103124

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4535-01	E1L68	BN034824.D	1,4-Dioxane-d8	8	4.80	60		15	120
			Fluoranthene-d10	0.4	0.41	102		30	130
			2-Methylnaphthalene-d10	0.4	0.33	83		30	130
P4535-02MS	E1L68MS	BN034825.D	1,4-Dioxane-d8	0.8	0.26	33		15	120
			Fluoranthene-d10	0.4	0.42	106		30	130
			2-Methylnaphthalene-d10	0.4	0.34	84		30	130
P4535-03MSD	E1L68MSD	BN034826.D	1,4-Dioxane-d8	0.8	0.28	34		15	120
			Fluoranthene-d10	0.4	0.47	117		30	130
			2-Methylnaphthalene-d10	0.4	0.36	91		30	130
PB164449BL	PB164449BL	BN034829.D	1,4-Dioxane-d8	8	6.50	81		15	120
			Fluoranthene-d10	0.4	0.40	101		30	130
			2-Methylnaphthalene-d10	0.4	0.39	98		30	130
PB164449BS	PB164449BS	BN034830.D	1,4-Dioxane-d8	0.8	0.71	89		15	120
			Fluoranthene-d10	0.4	0.40	100		30	130
			2-Methylnaphthalene-d10	0.4	0.41	101		30	130

Surrogate Summary

SW-846

SDG No.: BN103124

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4530-03	F7H49	BN034803.D	1,4-Dioxane-d8	8	5.30	66		15	120
			Fluoranthene-d10	0.4	0.50	125		30	130
			2-Methylnaphthalene-d10	0.4	0.41	101		30	130
P4530-18	F7H50	BN034804.D	1,4-Dioxane-d8	8	5.11	64		15	120
			Fluoranthene-d10	0.4	0.47	118		30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		30	130
P4534-09	E1LB1	BN034805.D	1,4-Dioxane-d8	8	4.95	62		15	120
			Fluoranthene-d10	0.4	0.49	123		30	130
			2-Methylnaphthalene-d10	0.4	0.38	94		30	130
P4534-10	E1LB2	BN034806.D	1,4-Dioxane-d8	8	5.03	63		15	120
			Fluoranthene-d10	0.4	0.46	114		30	130
			2-Methylnaphthalene-d10	0.4	0.38	94		30	130
P4534-11	E1LB3	BN034807.D	1,4-Dioxane-d8	8	4.76	59		15	120
			Fluoranthene-d10	0.4	0.46	115		30	130
			2-Methylnaphthalene-d10	0.4	0.37	92		30	130
PB164465BL	PB164465BL	BN034801.D	1,4-Dioxane-d8	8	5.18	65		15	120
			Fluoranthene-d10	0.4	0.30	76		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
PB164465BS	PB164465BS	BN034815.D	1,4-Dioxane-d8	0.8	0.73	92		15	120
			Fluoranthene-d10	0.4	0.38	96		30	130
			2-Methylnaphthalene-d10	0.4	0.41	101		30	130

Surrogate Summary

SW-846

SDG No.: BN103124

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4534-12	E1L80	BN034816.D	1,4-Dioxane-d8	8	4.82	60		15	120
			Fluoranthene-d10	0.4	0.47	117		30	130
			2-Methylnaphthalene-d10	0.4	0.40	100		30	130
P4534-13	E1L84	BN034821.D	1,4-Dioxane-d8	8	3.30	41		15	120
			Fluoranthene-d10	0.4	0.30	74		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		30	130
P4534-14	E1L86	BN034822.D	1,4-Dioxane-d8	8	4.08	51		15	120
			Fluoranthene-d10	0.4	0.37	91		30	130
			2-Methylnaphthalene-d10	0.4	0.35	86		30	130
P4534-15	E1L88	BN034823.D	1,4-Dioxane-d8	8	3.69	46		15	120
			Fluoranthene-d10	0.4	0.30	74		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		30	130
PB164475BL	PB164475BL	BN034820.D	1,4-Dioxane-d8	8	6.70	84		15	120
			Fluoranthene-d10	0.4	0.42	106		30	130
			2-Methylnaphthalene-d10	0.4	0.39	97		30	130
PB164475BS	PB164475BS	BN034833.D	1,4-Dioxane-d8	0.8	0.75	93		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.41	102		30	130

Surrogate Summary

SW-846

SDG No.: BN103124

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4534-16	E1L95	BN034808.D	1,4-Dioxane-d8	8	4.33	54		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
			2-Methylnaphthalene-d10	0.4	0.39	97		30	130
P4534-17	E1L64	BN034809.D	1,4-Dioxane-d8	8	4.23	53		15	120
			Fluoranthene-d10	0.4	0.36	90		30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		30	130
P4558-01	E1L77	BN034810.D	1,4-Dioxane-d8	8	4.10	51		15	120
			Fluoranthene-d10	0.4	0.41	102		30	130
			2-Methylnaphthalene-d10	0.4	0.38	94		30	130
P4558-02	E1L79	BN034811.D	1,4-Dioxane-d8	8	4.25	53		15	120
			Fluoranthene-d10	0.4	0.47	117		30	130
			2-Methylnaphthalene-d10	0.4	0.43	107		30	130
PB164483BL	PB164483BL	BN034802.D	1,4-Dioxane-d8	8	7.02	88		15	120
			Fluoranthene-d10	0.4	0.43	107		30	130
			2-Methylnaphthalene-d10	0.4	0.41	102		30	130
PB164483BS	PB164483BS	BN034817.D	1,4-Dioxane-d8	0.8	0.66	83		15	120
			Fluoranthene-d10	0.4	0.37	93		30	130
			2-Methylnaphthalene-d10	0.4	0.38	95		30	130

Surrogate Summary

SW-846

SDG No.: BN103124

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4558-10	E1L93	BN034827.D	1,4-Dioxane-d8	8	5.26	66		15	120
			Fluoranthene-d10	0.4	0.43	107		30	130
			2-Methylnaphthalene-d10	0.4	0.33	82		30	130
P4558-11	E1L94	BN034828.D	1,4-Dioxane-d8	8	4.99	62		15	120
			Fluoranthene-d10	0.4	0.47	117		30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		30	130
PB164515BL	PB164515BL	BN034831.D	1,4-Dioxane-d8	8	6.62	83		15	120
			Fluoranthene-d10	0.4	0.42	104		30	130
			2-Methylnaphthalene-d10	0.4	0.40	100		30	130
PB164515BS	PB164515BS	BN034832.D	1,4-Dioxane-d8	0.8	0.71	89		15	120
			Fluoranthene-d10	0.4	0.39	98		30	130
			2-Methylnaphthalene-d10	0.4	0.39	98		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN103124

Lab Code: CHEM

SAS No.: BN103124 SDG NO.: BN103124

Lab File ID: BN034749.D

DFTPP Injection Date: 10/30/2024

Instrument ID: BNA_N

DFTPP Injection Time: 16:38

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	42.4
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	42.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	55.9
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	22.7
365	Greater than 1% of mass 198	2.6
441	Present, but less than mass 443	9
442	Greater than 50% of mass 198	56.7
443	15.0 - 24.0% of mass 442	10.9 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD0.1209	SSTD0.125	BN034750.D	10/30/2024	17:17
SSTD0.2210	SSTD0.226	BN034751.D	10/30/2024	17:53
SSTD0.4211	SSTD0.427	BN034752.D	10/30/2024	18:29
SSTD0.8212	SSTD0.828	BN034753.D	10/30/2024	19:06
SSTD1.6213	SSTD1.629	BN034754.D	10/30/2024	19:42
SSTD3.2214	SSTD3.230	BN034755.D	10/30/2024	20:18
SICV215	SSTDICV0.4	BN034756.D	10/30/2024	20:54

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN103124

Lab Code: CHEM

SAS No.: BN103124 SDG NO.: BN103124

Lab File ID: BN034757.D

DFTPP Injection Date: 10/31/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	40.7
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	41.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	55.5
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	22.7
365	Greater than 1% of mass 198	2.8
441	Present, but less than mass 443	9.9
442	Greater than 50% of mass 198	62.3
443	15.0 - 24.0% of mass 442	10.9 (17.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD0.4320	SSTDCCC0.4	BN034758.D	10/31/2024	09:48
SBLK418	PB164418BL	BN034759.D	10/31/2024	10:24
XA106	P4476-07	BN034760.D	10/31/2024	11:00
XA106DL	P4476-07DL	BN034761.D	10/31/2024	11:45
XA106DL2	P4476-07DL2	BN034762.D	10/31/2024	12:21
XA101	P4476-02	BN034763.D	10/31/2024	13:11
XA101DL	P4476-02DL	BN034764.D	10/31/2024	14:04
XA101DL2	P4476-02DL2	BN034765.D	10/31/2024	14:40
SSTD0.4321	SSTDCCC0.4	BN034766.D	10/31/2024	15:16
SBLK418	PB164418BL	BN034767.D	10/31/2024	15:52
F7H48	P4529-20	BN034768.D	10/31/2024	16:28
E1L62	P4534-01	BN034769.D	10/31/2024	17:04
BHK68	P4435-01	BN034770.D	10/31/2024	17:40
BHK68MS	P4435-02MS	BN034771.D	10/31/2024	18:16
BHK68MSD	P4435-03MSD	BN034772.D	10/31/2024	18:53
F7H10	P4529-01	BN034773.D	10/31/2024	19:29
F7H11	P4529-02	BN034774.D	10/31/2024	20:05
F7H12	P4529-03	BN034775.D	10/31/2024	20:41

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN103124

Lab Code: CHEM

SAS No.: BN103124 SDG NO.: BN103124

Lab File ID: BN034757.D

DFTPP Injection Date: 10/31/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	40.7
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	41.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	55.5
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	22.7
365	Greater than 1% of mass 198	2.8
441	Present, but less than mass 443	9.9
442	Greater than 50% of mass 198	62.3
443	15.0 - 24.0% of mass 442	10.9 (17.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
F7H13	P4529-04	BN034776.D	10/31/2024	21:18
SLCS351	PB164351BS	BN034777.D	10/31/2024	21:54
SLCS418	PB164418BS	BN034778.D	10/31/2024	22:30
F7H17	P4529-08	BN034779.D	10/31/2024	23:06
F7H15	P4529-06	BN034780.D	10/31/2024	23:42
F7H16	P4529-07	BN034781.D	11/01/2024	00:18
SLCS390	PB164390BS	BN034782.D	11/01/2024	00:54
SSTD0.4322	SSTDCCC0.4	BN034783.D	11/01/2024	02:06
SBLK351	PB164351BL	BN034784.D	11/01/2024	02:42
SBLK390	PB164390BL	BN034785.D	11/01/2024	03:19
F7H14	P4529-05	BN034786.D	11/01/2024	03:55
F7H24	P4529-09	BN034787.D	11/01/2024	04:31
F7H25	P4529-10	BN034788.D	11/01/2024	05:07
F7H21	P4529-11	BN034789.D	11/01/2024	05:43
F7H22	P4529-12	BN034790.D	11/01/2024	06:19
F7H23	P4529-13	BN034791.D	11/01/2024	06:55
F7H35	P4529-14	BN034792.D	11/01/2024	07:31
F7H36	P4529-15	BN034793.D	11/01/2024	08:08

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN103124

Lab Code: CHEM

SAS No.: BN103124 SDG NO.: BN103124

Lab File ID: BN034757.D

DFTPP Injection Date: 10/31/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	40.7
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	41.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	55.5
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	22.7
365	Greater than 1% of mass 198	2.8
441	Present, but less than mass 443	9.9
442	Greater than 50% of mass 198	62.3
443	15.0 - 24.0% of mass 442	10.9 (17.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
F7H37	P4529-16	BN034794.D	11/01/2024	08:44
F7H45	P4529-17	BN034795.D	11/01/2024	09:20
F7H46	P4529-18	BN034796.D	11/01/2024	09:56
F7H47	P4529-19	BN034797.D	11/01/2024	10:32
F7H24DL	P4529-09DL	BN034798.D	11/01/2024	11:08
F7H14DL	P4529-05DL	BN034799.D	11/01/2024	11:45
SSTD0.4323	SSTDCCC0.4	BN034800.D	11/01/2024	12:21
SBLK465	PB164465BL	BN034801.D	11/01/2024	12:57
SBLK483	PB164483BL	BN034802.D	11/01/2024	13:33
F7H49	P4530-03	BN034803.D	11/01/2024	14:10
F7H50	P4530-18	BN034804.D	11/01/2024	14:46
E1LB1	P4534-09	BN034805.D	11/01/2024	15:22
E1LB2	P4534-10	BN034806.D	11/01/2024	15:59
E1LB3	P4534-11	BN034807.D	11/01/2024	16:35
E1L95	P4534-16	BN034808.D	11/01/2024	17:11
E1L64	P4534-17	BN034809.D	11/01/2024	17:48
E1L77	P4558-01	BN034810.D	11/01/2024	18:24
E1L79	P4558-02	BN034811.D	11/01/2024	19:00

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN103124

Lab Code: CHEM

SAS No.: BN103124 SDG NO.: BN103124

Lab File ID: BN034757.D

DFTPP Injection Date: 10/31/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	40.7
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	41.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	55.5
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	22.7
365	Greater than 1% of mass 198	2.8
441	Present, but less than mass 443	9.9
442	Greater than 50% of mass 198	62.3
443	15.0 - 24.0% of mass 442	10.9 (17.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
E1L63	P4534-02	BN034812.D	11/01/2024	19:36
E1L63MS	P4534-03MS	BN034813.D	11/01/2024	20:12
E1L63MSD	P4534-04MSD	BN034814.D	11/01/2024	20:48
SLCS465	PB164465BS	BN034815.D	11/01/2024	21:25
E1L80	P4534-12	BN034816.D	11/01/2024	22:01
SLCS483	PB164483BS	BN034817.D	11/01/2024	22:36
SSTD0.4324	SSTDCCC0.4	BN034818.D	11/01/2024	23:48
SBLK447	PB164447BL	BN034819.D	11/02/2024	00:24
SBLK475	PB164475BL	BN034820.D	11/02/2024	01:01
E1L84	P4534-13	BN034821.D	11/02/2024	01:37
E1L86	P4534-14	BN034822.D	11/02/2024	02:13
E1L88	P4534-15	BN034823.D	11/02/2024	02:49
E1L68	P4535-01	BN034824.D	11/02/2024	03:25
E1L68MS	P4535-02MS	BN034825.D	11/02/2024	04:01
E1L68MSD	P4535-03MSD	BN034826.D	11/02/2024	04:38
E1L93	P4558-10	BN034827.D	11/02/2024	05:14
E1L94	P4558-11	BN034828.D	11/02/2024	05:50
SBLK449	PB164449BL	BN034829.D	11/02/2024	06:26

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN103124

Lab Code: CHEM

SAS No.: BN103124 SDG NO.: BN103124

Lab File ID: BN034757.D

DFTPP Injection Date: 10/31/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	40.7
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	41.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	55.5
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	22.7
365	Greater than 1% of mass 198	2.8
441	Present, but less than mass 443	9.9
442	Greater than 50% of mass 198	62.3
443	15.0 - 24.0% of mass 442	10.9 (17.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SLCS449	PB164449BS	BN034830.D	11/02/2024	07:02
SBLK515	PB164515BL	BN034831.D	11/02/2024	07:38
SLCS515	PB164515BS	BN034832.D	11/02/2024	08:14
SLCS475	PB164475BS	BN034833.D	11/02/2024	08:50
SLCS447	PB164447BS	BN034834.D	11/02/2024	09:26
SSTD0.4325	SSTDCCC0.4EC	BN034835.D	11/02/2024	10:38