

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM120524 SAS No.: BM120524 SDG No.: BM120524

Instrument ID: BNA_M Calibration Date/Time: 12/5/2024 1:13:10

Lab File ID: BM048831.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4097 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.605	0.636	0.010	5.2248	40.0
1,4-Dioxane-d8	0.511	0.517	0.010	1.0939	40.0
Naphthalene	1.011	1.030	0.600	1.8762	30.0
1-Methylnaphthalene	0.618	0.630	0.300	1.8519	30.0
2-Methylnaphthalene	0.584	0.598	0.300	2.3437	30.0
Acenaphthylene	1.753	1.737	0.900	-0.9329	30.0
Acenaphthene	1.266	1.308	0.500	3.3774	30.0
Fluorene	1.310	1.341	0.700	2.3953	30.0
Pentachlorophenol	0.035	0.033	0.010	-5.7595	50.0
Phenanthrene	1.014	1.016	0.300	0.2048	30.0
Anthracene	0.904	0.864	0.400	-4.3757	30.0
Fluoranthene	1.839	1.972	0.400	7.2054	30.0
Pyrene	1.914	2.017	0.500	5.3468	30.0
Benzo (a) anthracene	1.129	1.089	0.400	-3.6158	30.0
Chrysene	1.787	1.803	0.400	0.9111	30.0
Benzo (b) fluoranthene	1.124	1.138	0.200	1.2734	30.0
Benzo (k) fluoranthene	1.575	1.635	0.200	3.8116	30.0
Benzo (a) pyrene	1.152	1.155	0.200	0.2504	30.0
Indeno (1,2,3-cd) pyrene	1.522	1.531	0.200	0.5616	30.0
Dibenzo (a,h) anthracene	1.138	1.149	0.200	1.0049	30.0
Benzo (g,h,i) perylene	1.320	1.359	0.200	2.8934	30.0
Fluoranthene-d10	1.235	1.394	0.400	12.8922	30.0
2-Methylnaphthalene-d10	0.481	0.489	0.300	1.473	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.: BM120524 SAS No.: BM120524 SDG No.: BM120524

Instrument ID: BNA_M Calibration Date/Time: 12/5/2024 1: 22:50

Lab File ID: BM048846.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4098 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.605	0.626	0.010	3.5983	40.0
1,4-Dioxane-d8	0.511	0.503	0.010	-1.6347	40.0
Naphthalene	1.011	1.023	0.600	1.1781	30.0
1-Methylnaphthalene	0.618	0.640	0.300	3.6212	30.0
2-Methylnaphthalene	0.584	0.606	0.300	3.7135	30.0
Acenaphthylene	1.753	1.681	0.900	-4.1045	30.0
Acenaphthene	1.266	1.284	0.500	1.4811	30.0
Fluorene	1.310	1.373	0.700	4.8433	30.0
Pentachlorophenol	0.035	0.040	0.010	16.8557	50.0
Phenanthrene	1.014	1.028	0.300	1.3301	30.0
Anthracene	0.904	0.899	0.400	-0.5725	30.0
Fluoranthene	1.839	1.792	0.400	-2.5861	30.0
Pyrene	1.914	1.837	0.500	-4.0664	30.0
Benzo (a) anthracene	1.129	1.218	0.400	7.8241	30.0
Chrysene	1.787	1.660	0.400	-7.1252	30.0
Benzo (b) fluoranthene	1.124	1.124	0.200	-0.029	30.0
Benzo (k) fluoranthene	1.575	1.577	0.200	0.1233	30.0
Benzo (a) pyrene	1.152	1.115	0.200	-3.1582	30.0
Indeno (1,2,3-cd) pyrene	1.522	1.616	0.200	6.1209	30.0
Dibenzo (a,h) anthracene	1.138	1.263	0.200	10.9557	30.0
Benzo (g,h,i) perylene	1.320	1.316	0.200	-0.3467	30.0
Fluoranthene-d10	1.235	1.285	0.400	4.0497	30.0
2-Methylnaphthalene-d10	0.481	0.498	0.300	3.4623	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.: BM120524 SAS No.: BM120524 SDG No.: BM120524

Instrument ID: BNA_M Calibration Date/Time: 12/6/2024 1:07:11

Lab File ID: BM048859.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4099 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.605	0.644	0.010	6.4869	40.0
1,4-Dioxane-d8	0.511	0.523	0.010	2.4373	40.0
Naphthalene	1.011	1.026	0.600	1.5184	30.0
1-Methylnaphthalene	0.618	0.634	0.300	2.4967	30.0
2-Methylnaphthalene	0.584	0.606	0.300	3.7981	30.0
Acenaphthylene	1.753	1.682	0.900	-4.0668	30.0
Acenaphthene	1.266	1.273	0.500	0.5424	30.0
Fluorene	1.310	1.351	0.700	3.0902	30.0
Pentachlorophenol	0.035	0.046	0.010	33.1604	50.0
Phenanthrene	1.014	1.033	0.300	1.8403	30.0
Anthracene	0.904	0.888	0.400	-1.6919	30.0
Fluoranthene	1.839	1.854	0.400	0.8209	30.0
Pyrene	1.914	1.915	0.500	0.0565	30.0
Benzo (a) anthracene	1.129	1.256	0.400	11.231	30.0
Chrysene	1.787	1.695	0.400	-5.1535	30.0
Benzo (b) fluoranthene	1.124	1.206	0.200	7.309	30.0
Benzo (k) fluoranthene	1.575	1.547	0.200	-1.8002	30.0
Benzo (a) pyrene	1.152	1.121	0.200	-2.6722	30.0
Indeno (1,2,3-cd) pyrene	1.522	1.689	0.200	10.9301	30.0
Dibenzo (a,h) anthracene	1.138	1.320	0.200	15.9876	30.0
Benzo (g,h,i) perylene	1.320	1.370	0.200	3.7928	30.0
Fluoranthene-d10	1.235	1.328	0.400	7.5792	30.0
2-Methylnaphthalene-d10	0.481	0.495	0.300	2.7229	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.: BM120524 SAS No.: BM120524 SDG No.: BM120524

Instrument ID: BNA_M Calibration Date/Time: 12/6/2024 1:18:07

Lab File ID: BM048872.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4100 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.605	0.715	0.010	18.1786	40.0
1,4-Dioxane-d8	0.511	0.595	0.010	16.5107	40.0
Naphthalene	1.011	1.166	0.600	15.3808	30.0
1-Methylnaphthalene	0.618	0.728	0.300	17.7529	30.0
2-Methylnaphthalene	0.584	0.707	0.300	21.1188	30.0
Acenaphthylene	1.753	1.881	0.900	7.301	30.0
Acenaphthene	1.266	1.440	0.500	13.7503	30.0
Fluorene	1.310	1.566	0.700	19.5413	30.0
Pentachlorophenol	0.035	0.054	0.010	57.2232	50.0
Phenanthrene	1.014	1.177	0.300	16.0476	30.0
Anthracene	0.904	1.009	0.400	11.7049	30.0
Fluoranthene	1.839	2.199	0.400	19.576	30.0
Pyrene	1.914	2.260	0.500	18.0455	30.0
Benzo (a) anthracene	1.129	1.405	0.400	24.3856	30.0
Chrysene	1.787	1.890	0.400	5.7372	30.0
Benzo (b) fluoranthene	1.124	1.519	0.200	35.1286	30.0
Benzo (k) fluoranthene	1.575	1.886	0.200	19.7672	30.0
Benzo (a) pyrene	1.152	1.409	0.200	22.3364	30.0
Indeno (1,2,3-cd) pyrene	1.522	1.822	0.200	19.6525	30.0
Dibenzo (a,h) anthracene	1.138	1.394	0.200	22.4498	30.0
Benzo (g,h,i) perylene	1.320	1.543	0.200	16.9026	30.0
Fluoranthene-d10	1.235	1.575	0.400	27.598	30.0
2-Methylnaphthalene-d10	0.481	0.577	0.300	19.866	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.: BM120524 SAS No.: BM120524 SDG No.: BM120524

Instrument ID: BNA_M Calibration Date/Time: 12/7/2024 1:04:51

Lab File ID: BM048889.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4101 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.605	0.660	0.010	9.1737	40.0
1,4-Dioxane-d8	0.511	0.552	0.010	7.9448	40.0
Naphthalene	1.011	1.169	0.600	15.6165	30.0
1-Methylnaphthalene	0.618	0.728	0.300	17.7536	30.0
2-Methylnaphthalene	0.584	0.703	0.300	20.3948	30.0
Acenaphthylene	1.753	1.893	0.900	7.9772	30.0
Acenaphthene	1.266	1.444	0.500	14.0564	30.0
Fluorene	1.310	1.580	0.700	20.6046	30.0
Pentachlorophenol	0.035	0.051	0.010	47.6825	50.0
Phenanthrene	1.014	1.204	0.300	18.6964	30.0
Anthracene	0.904	1.021	0.400	13.0089	30.0
Fluoranthene	1.839	2.179	0.400	18.4668	30.0
Pyrene	1.914	2.210	0.500	15.4639	30.0
Benzo (a) anthracene	1.129	1.416	0.400	25.4123	30.0
Chrysene	1.787	1.876	0.400	4.9874	30.0
Benzo (b) fluoranthene	1.124	1.559	0.200	38.6818	30.0
Benzo (k) fluoranthene	1.575	1.872	0.200	18.8832	30.0
Benzo (a) pyrene	1.152	1.363	0.200	18.3228	30.0
Indeno (1,2,3-cd) pyrene	1.522	1.857	0.200	21.973	30.0
Dibenzo (a,h) anthracene	1.138	1.414	0.200	24.2546	30.0
Benzo (g,h,i) perylene	1.320	1.523	0.200	15.3711	30.0
Fluoranthene-d10	1.235	1.537	0.400	24.468	30.0
2-Methylnaphthalene-d10	0.481	0.573	0.300	19.0368	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.: BM120524 SAS No.: BM120524 SDG No.: BM120524

Instrument ID: BNA_M Calibration Date/Time: 12/7/2024 11:37

Lab File ID: BM048891.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4102 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.605	0.666	0.010	10.0569	40.0
1,4-Dioxane-d8	0.511	0.550	0.010	7.5684	40.0
Naphthalene	1.011	1.177	0.600	16.4691	30.0
1-Methylnaphthalene	0.618	0.725	0.300	17.3641	30.0
2-Methylnaphthalene	0.584	0.693	0.300	18.6808	30.0
Acenaphthylene	1.753	1.898	0.900	8.2399	30.0
Acenaphthene	1.266	1.444	0.500	14.12	30.0
Fluorene	1.310	1.563	0.700	19.2823	30.0
Pentachlorophenol	0.035	0.056	0.010	61.0372	50.0
Phenanthrene	1.014	1.188	0.300	17.1394	30.0
Anthracene	0.904	1.039	0.400	14.9683	30.0
Fluoranthene	1.839	2.033	0.400	10.5306	30.0
Pyrene	1.914	2.063	0.500	7.7647	30.0
Benzo (a) anthracene	1.129	1.412	0.400	25.0265	30.0
Chrysene	1.787	1.881	0.400	5.2512	30.0
Benzo (b) fluoranthene	1.124	1.489	0.200	32.4177	30.0
Benzo (k) fluoranthene	1.575	1.866	0.200	18.4671	30.0
Benzo (a) pyrene	1.152	1.372	0.200	19.1014	30.0
Indeno (1,2,3-cd) pyrene	1.522	2.033	0.200	33.5472	30.0
Dibenzo (a,h) anthracene	1.138	1.551	0.200	36.2567	30.0
Benzo (g,h,i) perylene	1.320	1.642	0.200	24.359	30.0
Fluoranthene-d10	1.235	1.440	0.400	16.639	30.0
2-Methylnaphthalene-d10	0.481	0.565	0.300	17.3026	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.: BM120524 SAS No.: BM120524 SDG No.: BM120524

Instrument ID: BNA_M Calibration Date/Time: 12/7/2024 1:19:57

Lab File ID: BM048904.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4103 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.605	0.643	0.010	6.2694	50.0
1,4-Dioxane-d8	0.511	0.577	0.010	12.883	50.0
Naphthalene	1.011	1.138	0.600	12.5991	50.0
1-Methylnaphthalene	0.618	0.716	0.300	15.9104	50.0
2-Methylnaphthalene	0.584	0.700	0.300	19.8119	50.0
Acenaphthylene	1.753	1.891	0.900	7.8616	50.0
Acenaphthene	1.266	1.452	0.500	14.7121	50.0
Fluorene	1.310	1.569	0.700	19.7934	50.0
Pentachlorophenol	0.035	0.054	0.010	55.4638	50.0
Phenanthrene	1.014	1.190	0.300	17.3479	50.0
Anthracene	0.904	1.027	0.400	13.6574	50.0
Fluoranthene	1.839	1.993	0.400	8.3384	50.0
Pyrene	1.914	2.029	0.500	6.0137	50.0
Benzo (a) anthracene	1.129	1.462	0.400	29.4623	50.0
Chrysene	1.787	1.845	0.400	3.2484	50.0
Benzo (b) fluoranthene	1.124	1.558	0.200	38.6235	50.0
Benzo (k) fluoranthene	1.575	1.799	0.200	14.2312	50.0
Benzo (a) pyrene	1.152	1.388	0.200	20.5323	50.0
Indeno (1,2,3-cd) pyrene	1.522	1.973	0.200	29.5628	50.0
Dibenzo (a,h) anthracene	1.138	1.507	0.200	32.412	50.0
Benzo (g,h,i) perylene	1.320	1.612	0.200	22.108	50.0
Fluoranthene-d10	1.235	1.411	0.400	14.31	50.0
2-Methylnaphthalene-d10	0.481	0.572	0.300	18.7881	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	SBLK387	SDG No.:	BM120524
Lab Sample ID:	PB165387BL	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
BM048832.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165387

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.211		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.341		30-130		85	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.262		30-130		65	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4513	7.598				
1146-65-2	Naphthalene-d8	12648	10.363				
15067-26-2	Acenaphthene-d10	6683	14.233				

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	SBLK387	SDG No.:	BM120524
Lab Sample ID:	PB165387BL	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
BM048832.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165387

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12703	16.98				
1719-03-5	Chrysene-d12	6117	21.187				
1520-96-3	Perylene-d12	5396	23.353				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	SBLK389	SDG No.:	BM120524
Lab Sample ID:	PB165389BL	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
BM048833.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.758		15-120		59	SPK: -8
93951-69-0	Fluoranthene-d10	0.323		30-130		81	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.27		30-130		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4046	7.598				
1146-65-2	Naphthalene-d8	11003	10.363				
15067-26-2	Acenaphthene-d10	5644	14.233				

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	SBLK389	SDG No.:	BM120524
Lab Sample ID:	PB165389BL	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
BM048833.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10749	16.975				
1719-03-5	Chrysene-d12	5825	21.181				
1520-96-3	Perylene-d12	5828	23.353				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BH437	SDG No.:	BM120524
Lab Sample ID:	P5104-01	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
BM048834.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165387

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.666		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.392		30-130		98	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.302		30-130		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3778	7.598				
1146-65-2	Naphthalene-d8	10378	10.364				
15067-26-2	Acenaphthene-d10	5496	14.234				

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BH437	SDG No.:	BM120524
Lab Sample ID:	P5104-01	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
BM048834.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165387

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10750	16.981				
1719-03-5	Chrysene-d12	6328	21.184				
1520-96-3	Perylene-d12	6530	23.361				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ60	SDG No.:	BM120524
Lab Sample ID:	P5104-03	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
BM048835.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165387

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.125		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.419		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.308		30-130		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4187	7.598				
1146-65-2	Naphthalene-d8	11729	10.363				
15067-26-2	Acenaphthene-d10	5897	14.233				

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ60	SDG No.:	BM120524
Lab Sample ID:	P5104-03	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
BM048835.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165387

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11179	16.975				
1719-03-5	Chrysene-d12	6193	21.178				
1520-96-3	Perylene-d12	6222	23.353				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ61	SDG No.:	BM120524
Lab Sample ID:	P5104-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048836.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165387

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.598		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.394		30-130		98	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.302		30-130		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4432	7.598				
1146-65-2	Naphthalene-d8	12628	10.365				
15067-26-2	Acenaphthene-d10	6873	14.229				

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ61	SDG No.:	BM120524
Lab Sample ID:	P5104-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048836.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165387

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13982	16.977				
1719-03-5	Chrysene-d12	8914	21.178				
1520-96-3	Perylene-d12	8812	23.352				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ62	SDG No.:	BM120524
Lab Sample ID:	P5104-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	970	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
BM048837.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165387

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.21	ug/L
91-20-3	Naphthalene	0	U	0	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	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.21	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	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	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	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	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	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.07		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.469		30-130		117	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	4121		7.598			
1146-65-2	Naphthalene-d8	11829		10.363			
15067-26-2	Acenaphthene-d10	6050		14.232			

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ62	SDG No.:	BM120524
Lab Sample ID:	P5104-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	970	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
BM048837.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165387

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11589	16.975				
1719-03-5	Chrysene-d12	6309	21.178				
1520-96-3	Perylene-d12	6292	23.35				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ63	SDG No.:	BM120524
Lab Sample ID:	P5104-06	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	970	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
BM048838.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165387

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.21	ug/L
91-20-3	Naphthalene	0	U	0	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	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.21	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	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	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	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	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	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.671		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.455		30-130		114	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.335		30-130		84	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4678		7.598			
1146-65-2	Naphthalene-d8	13260		10.364			
15067-26-2	Acenaphthene-d10	6736		14.229			

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ63	SDG No.:	BM120524
Lab Sample ID:	P5104-06	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	970 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
BM048838.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165387

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13123	16.976				
1719-03-5	Chrysene-d12	7366	21.175				
1520-96-3	Perylene-d12	7114	23.349				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ64	SDG No.:	BM120524
Lab Sample ID:	P5104-07	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
BM048839.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.966		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.419		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.302		30-130		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4120	7.598				
1146-65-2	Naphthalene-d8	11795	10.365				
15067-26-2	Acenaphthene-d10	6202	14.229				

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ64	SDG No.:	BM120524
Lab Sample ID:	P5104-07	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
BM048839.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12031	16.977				
1719-03-5	Chrysene-d12	6980	21.178				
1520-96-3	Perylene-d12	6921	23.346				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ65	SDG No.:	BM120524
Lab Sample ID:	P5104-08	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	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
BM048840.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.1	J	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	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	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	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	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	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	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	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	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.826		15-120		48	SPK: -8
93951-69-0	Fluoranthene-d10	0.456		30-130		114	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	4331		7.598			
1146-65-2	Naphthalene-d8	12276		10.363			
15067-26-2	Acenaphthene-d10	6317		14.233			

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ65	SDG No.:	BM120524
Lab Sample ID:	P5104-08	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
BM048840.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12337	16.975				
1719-03-5	Chrysene-d12	6793	21.178				
1520-96-3	Perylene-d12	6542	23.35				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ66	SDG No.:	BM120524
Lab Sample ID:	P5104-09	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	960	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
BM048841.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.09	J	0.03	0	0.21	ug/L
91-20-3	Naphthalene	0	U	0	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	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.07	U	0.07	0.1	0.21	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	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	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	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	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	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.837		15-120		48	SPK: -8
93951-69-0	Fluoranthene-d10	0.389		30-130		97	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.297		30-130		74	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4624		7.598			
1146-65-2	Naphthalene-d8	13276		10.359			
15067-26-2	Acenaphthene-d10	7033		14.229			

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ66	SDG No.:	BM120524
Lab Sample ID:	P5104-09	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	960	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
BM048841.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13938	16.977				
1719-03-5	Chrysene-d12	8468	21.178				
1520-96-3	Perylene-d12	8537	23.349				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ67	SDG No.:	BM120524
Lab Sample ID:	P5104-10	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	970	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
BM048842.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.08	J	0.03	0	0.21	ug/L
91-20-3	Naphthalene	0	U	0	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	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.21	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	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	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	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	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	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.713		15-120		59	SPK: -8
93951-69-0	Fluoranthene-d10	0.401		30-130		100	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.297		30-130		74	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4281		7.598			
1146-65-2	Naphthalene-d8	12157		10.359			
15067-26-2	Acenaphthene-d10	6295		14.229			

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ67	SDG No.:	BM120524
Lab Sample ID:	P5104-10	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	970	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
BM048842.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12386	16.977				
1719-03-5	Chrysene-d12	7241	21.178				
1520-96-3	Perylene-d12	7584	23.349				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ68	SDG No.:	BM120524
Lab Sample ID:	P5104-11	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
BM048843.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.05	J	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.46		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.439		30-130		110	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	3981	7.598				
1146-65-2	Naphthalene-d8	11554	10.359				
15067-26-2	Acenaphthene-d10	6078	14.229				

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ68	SDG No.:	BM120524
Lab Sample ID:	P5104-11	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
BM048843.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12189	16.977				
1719-03-5	Chrysene-d12	7321	21.175				
1520-96-3	Perylene-d12	6741	23.346				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	SLCS389	SDG No.:	BM120524
Lab Sample ID:	PB165389BS	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
BM048844.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.31		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.31		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.31		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.29		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.3		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.3		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.85		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.3		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.29		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.32		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.31		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.34		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.3		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.34		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.31		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.31		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.33		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.34		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.32		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.556		15-120		69	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.367		30-130		92	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.335		30-130		84	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4248	7.598				
1146-65-2	Naphthalene-d8	11884	10.363				
15067-26-2	Acenaphthene-d10	6417	14.228				

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	SLCS389	SDG No.:	BM120524
Lab Sample ID:	PB165389BS	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
BM048844.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12014	16.98				
1719-03-5	Chrysene-d12	6790	21.175				
1520-96-3	Perylene-d12	7715	23.35				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	SLCS387	SDG No.:	BM120524
Lab Sample ID:	PB165387BS	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
BM048845.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165387

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.6		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.35		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.35		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.35		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.33		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.34		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.35		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.93		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.35		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.34		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.35		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.34		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.37		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.35		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.41		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.38		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.38		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.39		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.39		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.39		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.684		15-120		86	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.404		30-130		101	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.388		30-130		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3235	7.598				
1146-65-2	Naphthalene-d8	9097	10.365				
15067-26-2	Acenaphthene-d10	4981	14.229				

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	SLCS387	SDG No.:	BM120524
Lab Sample ID:	PB165387BS	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
BM048845.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165387

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9636	16.977				
1719-03-5	Chrysene-d12	6022	21.178				
1520-96-3	Perylene-d12	6417	23.349				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK399	SDG No.:	BM120524
Lab Sample ID:	PB165399BL	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
BM048847.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165399

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.281		15-120		66	SPK: -8
93951-69-0	Fluoranthene-d10	0.375		30-130		94	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.323		30-130		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3851		7.594			
1146-65-2	Naphthalene-d8	10465		10.359			
15067-26-2	Acenaphthene-d10	5600		14.229			

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK399	SDG No.:	BM120524
Lab Sample ID:	PB165399BL	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
BM048847.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165399

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10921	16.977				
1719-03-5	Chrysene-d12	6065	21.175				
1520-96-3	Perylene-d12	6120	23.343				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK401	SDG No.:	BM120524
Lab Sample ID:	PB165401BL	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
BM048848.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.769		15-120		72	SPK: -8
93951-69-0	Fluoranthene-d10	0.41		30-130		102	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.354		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3833	7.594				
1146-65-2	Naphthalene-d8	10400	10.358				
15067-26-2	Acenaphthene-d10	5533	14.228				

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK401	SDG No.:	BM120524
Lab Sample ID:	PB165401BL	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
BM048848.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10723	16.975				
1719-03-5	Chrysene-d12	5925	21.181				
1520-96-3	Perylene-d12	6107	23.344				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	BHJ96	SDG No.:	BM120524
Lab Sample ID:	P5104-20	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
BM048849.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.068		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.42		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.293		30-130		73	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3888		7.594			
1146-65-2	Naphthalene-d8	10661		10.359			
15067-26-2	Acenaphthene-d10	5687		14.229			

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	BHJ96	SDG No.:	BM120524
Lab Sample ID:	P5104-20	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
BM048849.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11501	16.972				
1719-03-5	Chrysene-d12	7345	21.175				
1520-96-3	Perylene-d12	7177	23.343				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	BHJ96MS	SDG No.:	BM120524
Lab Sample ID:	P5104-21MS	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
BM048850.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.79		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.33		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.34		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.33		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.33		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.35		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.37		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.85		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.41		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.4		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.4		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.41		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.48		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.4		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.49		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.44		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.43		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.46		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.48		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.44		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.294		15-120		37	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.452		30-130		113	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.365		30-130		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3054	7.598				
1146-65-2	Naphthalene-d8	8394	10.363				
15067-26-2	Acenaphthene-d10	4711	14.228				

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	BHJ96MS	SDG No.:	BM120524
Lab Sample ID:	P5104-21MS	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
BM048850.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8808	16.975				
1719-03-5	Chrysene-d12	6078	21.175				
1520-96-3	Perylene-d12	6684	23.344				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	BHJ96MSD	SDG No.:	BM120524
Lab Sample ID:	P5104-22MSD	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
BM048851.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.83		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.35		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.34		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.35		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.35		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.37		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.4		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	1.2		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.43		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.41		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.41		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.42		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.51		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.42		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.56		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.48		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.48		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.5		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.52		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.5		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.307		15-120		38	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.46		30-130		115	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	2918	7.598				
1146-65-2	Naphthalene-d8	8086	10.359				
15067-26-2	Acenaphthene-d10	4411	14.229				

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	BHJ96MSD	SDG No.:	BM120524
Lab Sample ID:	P5104-22MSD	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
BM048851.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8514	16.977				
1719-03-5	Chrysene-d12	5928	21.172				
1520-96-3	Perylene-d12	6167	23.344				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ69	SDG No.:	BM120524
Lab Sample ID:	P5104-12	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
BM048852.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165399

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.04	J	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.306		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.381		30-130		95	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.325		30-130		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3968		7.594			
1146-65-2	Naphthalene-d8	11213		10.359			
15067-26-2	Acenaphthene-d10	6126		14.224			

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ69	SDG No.:	BM120524
Lab Sample ID:	P5104-12	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
BM048852.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165399

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12118	16.972				
1719-03-5	Chrysene-d12	7789	21.175				
1520-96-3	Perylene-d12	7352	23.343				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ70	SDG No.:	BM120524
Lab Sample ID:	P5104-13	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		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
BM048853.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165399

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	U	0	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	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	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	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	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	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	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	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.284		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.385		30-130		96	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.308		30-130		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4942		7.594			
1146-65-2	Naphthalene-d8	13731		10.359			
15067-26-2	Acenaphthene-d10	7265		14.229			

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ70	SDG No.:	BM120524
Lab Sample ID:	P5104-13	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
BM048853.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165399

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14312	16.972				
1719-03-5	Chrysene-d12	8787	21.172				
1520-96-3	Perylene-d12	8668	23.343				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ71	SDG No.:	BM120524
Lab Sample ID:	P5104-14	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
BM048854.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165399

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	U	0	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	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	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	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	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	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	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	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.5		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.47		30-130		117	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.358		30-130		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4496		7.594			
1146-65-2	Naphthalene-d8	12959		10.359			
15067-26-2	Acenaphthene-d10	7042		14.225			

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ71	SDG No.:	BM120524
Lab Sample ID:	P5104-14	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
BM048854.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165399

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14215	16.973				
1719-03-5	Chrysene-d12	8795	21.175				
1520-96-3	Perylene-d12	8200	23.341				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ72	SDG No.:	BM120524
Lab Sample ID:	P5104-15	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
BM048855.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165399

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.201		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.418		30-130		104	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.335		30-130		84	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4134		7.594			
1146-65-2	Naphthalene-d8	11428		10.358			
15067-26-2	Acenaphthene-d10	5776		14.228			

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ72	SDG No.:	BM120524
Lab Sample ID:	P5104-15	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
BM048855.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165399

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11987	16.975				
1719-03-5	Chrysene-d12	8759	21.172				
1520-96-3	Perylene-d12	8115	23.344				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ73	SDG No.:	BM120524
Lab Sample ID:	P5104-16	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
BM048856.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165399

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	U	0	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	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	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	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	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	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	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	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.188		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.372		30-130		93	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.351		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4328		7.594			
1146-65-2	Naphthalene-d8	11600		10.358			
15067-26-2	Acenaphthene-d10	6206		14.228			

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ73	SDG No.:	BM120524
Lab Sample ID:	P5104-16	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
BM048856.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165399

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12810	16.975				
1719-03-5	Chrysene-d12	9983	21.172				
1520-96-3	Perylene-d12	8700	23.344				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SLCS399	SDG No.:	BM120524
Lab Sample ID:	PB165399BS	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
BM048857.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165399

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.6		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.36		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.36		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.36		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.35		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.36		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.37		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	1.2		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.39		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.38		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.34		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.35		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.42		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.35		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.43		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.38		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.4		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.42		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.44		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.4		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.721		15-120		90	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.389		30-130		97	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.391		30-130		98	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4069	7.598				
1146-65-2	Naphthalene-d8	11126	10.359				
15067-26-2	Acenaphthene-d10	5696	14.229				

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SLCS399	SDG No.:	BM120524
Lab Sample ID:	PB165399BS	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
BM048857.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165399

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10855	16.972				
1719-03-5	Chrysene-d12	8317	21.172				
1520-96-3	Perylene-d12	9160	23.343				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SLCS401	SDG No.:	BM120524
Lab Sample ID:	PB165401BS	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
BM048858.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.8		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.4		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.4		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.4		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.38		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.39		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.4		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	1.2		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.42		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.41		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.41		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.4		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.44		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.39		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.48		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.44		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.44		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.45		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.46		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.44		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.766		15-120		96	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.467		30-130		117	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.438		30-130		109	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4257	7.594				
1146-65-2	Naphthalene-d8	11625	10.363				
15067-26-2	Acenaphthene-d10	6176	14.228				

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SLCS401	SDG No.:	BM120524
Lab Sample ID:	PB165401BS	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
BM048858.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11090	16.975				
1719-03-5	Chrysene-d12	6887	21.169				
1520-96-3	Perylene-d12	6977	23.338				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK410	SDG No.:	BM120524
Lab Sample ID:	PB165410BL	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
BM048860.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165410

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.674		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.317		30-130		79	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.324		30-130		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5039	7.598				
1146-65-2	Naphthalene-d8	14749	10.363				
15067-26-2	Acenaphthene-d10	8379	14.237				

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK410	SDG No.:	BM120524
Lab Sample ID:	PB165410BL	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
BM048860.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165410

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17939	16.984				
1719-03-5	Chrysene-d12	11593	21.184				
1520-96-3	Perylene-d12	10713	23.364				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK412	SDG No.:	BM120524
Lab Sample ID:	PB165412BL	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
BM048861.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165412

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.93		15-120		74	SPK: -8
93951-69-0	Fluoranthene-d10	0.365		30-130		91	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.34		30-130		85	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5113		7.594			
1146-65-2	Naphthalene-d8	13580		10.365			
15067-26-2	Acenaphthene-d10	6857		14.234			

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK412	SDG No.:	BM120524
Lab Sample ID:	PB165412BL	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
BM048861.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165412

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13350	16.981				
1719-03-5	Chrysene-d12	8082	21.181				
1520-96-3	Perylene-d12	7897	23.355				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ74	SDG No.:	BM120524
Lab Sample ID:	P5104-17	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
BM048862.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165410

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	U	0	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	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	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	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	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	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	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	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.991		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.343		30-130		86	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.284		30-130		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5346		7.594			
1146-65-2	Naphthalene-d8	15073		10.359			
15067-26-2	Acenaphthene-d10	8393		14.234			

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ74	SDG No.:	BM120524
Lab Sample ID:	P5104-17	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048862.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165410

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16147	16.981				
1719-03-5	Chrysene-d12	9984	21.178				
1520-96-3	Perylene-d12	8148	23.353				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ75	SDG No.:	BM120524
Lab Sample ID:	P5104-18	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
BM048863.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165410

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	U	0	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	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	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	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	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	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	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	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.902		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.394		30-130		98	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.31		30-130		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5262		7.594			
1146-65-2	Naphthalene-d8	14528		10.359			
15067-26-2	Acenaphthene-d10	7329		14.229			

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ75	SDG No.:	BM120524
Lab Sample ID:	P5104-18	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
BM048863.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165410

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14291	16.977				
1719-03-5	Chrysene-d12	9140	21.175				
1520-96-3	Perylene-d12	8457	23.349				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ76	SDG No.:	BM120524
Lab Sample ID:	P5104-19	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
BM048864.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165410

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.08	J	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	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	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	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	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	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	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	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	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.08		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.435		30-130		109	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.304		30-130		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5164		7.594			
1146-65-2	Naphthalene-d8	14730		10.363			
15067-26-2	Acenaphthene-d10	7776		14.232			

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ76	SDG No.:	BM120524
Lab Sample ID:	P5104-19	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
BM048864.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165410

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15824	16.979				
1719-03-5	Chrysene-d12	9661	21.178				
1520-96-3	Perylene-d12	7788	23.347				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ78	SDG No.:	BM120524
Lab Sample ID:	P5107-01	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
BM048865.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165410

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	U	0	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	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	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	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	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	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	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	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.897		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.366		30-130		91	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.293		30-130		73	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5454		7.594			
1146-65-2	Naphthalene-d8	16118		10.359			
15067-26-2	Acenaphthene-d10	8693		14.229			

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ78	SDG No.:	BM120524
Lab Sample ID:	P5107-01	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
BM048865.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165410

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18046	16.977				
1719-03-5	Chrysene-d12	11767	21.178				
1520-96-3	Perylene-d12	9724	23.352				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ79	SDG No.:	BM120524
Lab Sample ID:	P5107-02	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
BM048866.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165410

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	U	0	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	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	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	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	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	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	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	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.284		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.36		30-130		90	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.307		30-130		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4474	7.594				
1146-65-2	Naphthalene-d8	12492	10.363				
15067-26-2	Acenaphthene-d10	6563	14.232				

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ79	SDG No.:	BM120524
Lab Sample ID:	P5107-02	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
BM048866.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165410

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13386	16.98				
1719-03-5	Chrysene-d12	9508	21.175				
1520-96-3	Perylene-d12	9179	23.35				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ80	SDG No.:	BM120524
Lab Sample ID:	P5107-03	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
BM048867.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165412

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	U	0	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	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	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	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	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	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	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	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.476		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.421		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.338		30-130		84	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4993	7.594				
1146-65-2	Naphthalene-d8	14286	10.358				
15067-26-2	Acenaphthene-d10	7368	14.232				

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ80	SDG No.:	BM120524
Lab Sample ID:	P5107-03	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
BM048867.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165412

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14725	16.98				
1719-03-5	Chrysene-d12	9603	21.178				
1520-96-3	Perylene-d12	7885	23.35				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ81	SDG No.:	BM120524
Lab Sample ID:	P5107-04	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
BM048868.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165412

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.05	J	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	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	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	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	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	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	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	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	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.281		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.38		30-130		95	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.302		30-130		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4872		7.594			
1146-65-2	Naphthalene-d8	13783		10.359			
15067-26-2	Acenaphthene-d10	7030		14.229			

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ81	SDG No.:	BM120524
Lab Sample ID:	P5107-04	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
BM048868.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165412

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14574	16.976				
1719-03-5	Chrysene-d12	10151	21.175				
1520-96-3	Perylene-d12	9694	23.349				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ82	SDG No.:	BM120524
Lab Sample ID:	P5107-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048869.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165412

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.08	J	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.697		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.38		30-130		95	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.313		30-130		78	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5071	7.594				
1146-65-2	Naphthalene-d8	14466	10.358				
15067-26-2	Acenaphthene-d10	7595	14.232				

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	BHJ82	SDG No.:	BM120524
Lab Sample ID:	P5107-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048869.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165412

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16385	16.975				
1719-03-5	Chrysene-d12	10754	21.175				
1520-96-3	Perylene-d12	10511	23.347				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SLCS410	SDG No.:	BM120524
Lab Sample ID:	PB165410BS	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
BM048870.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165410

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.32		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.33		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.34		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.3		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.32		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.33		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.99		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.35		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.35		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.34		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.34		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.36		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.32		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.4		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.36		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.36		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.35		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.36		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.34		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.597		15-120		75	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.386		30-130		97	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.365		30-130		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5025	7.594				
1146-65-2	Naphthalene-d8	14382	10.359				
15067-26-2	Acenaphthene-d10	8095	14.229				

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SLCS410	SDG No.:	BM120524
Lab Sample ID:	PB165410BS	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
BM048870.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165410

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15343	16.981				
1719-03-5	Chrysene-d12	9635	21.175				
1520-96-3	Perylene-d12	9249	23.349				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SLCS412	SDG No.:	BM120524
Lab Sample ID:	PB165412BS	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
BM048871.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165412

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.5		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.32		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.32		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.33		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.29		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.31		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.31		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.94		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.32		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.3		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.31		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.3		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.33		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.3		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.37		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.33		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.33		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.34		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.34		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.33		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.637		15-120		80	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.348		30-130		87	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.344		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4017	7.594				
1146-65-2	Naphthalene-d8	11392	10.359				
15067-26-2	Acenaphthene-d10	6442	14.229				

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SLCS412	SDG No.:	BM120524
Lab Sample ID:	PB165412BS	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
BM048871.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165412

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11975	16.981				
1719-03-5	Chrysene-d12	7362	21.175				
1520-96-3	Perylene-d12	7463	23.349				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	SBLK418	SDG No.:	BM120524
Lab Sample ID:	PB165418BL	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
BM048873.D	1	12/6/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.771		15-120		72	SPK: -8
93951-69-0	Fluoranthene-d10	0.42		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.363		30-130		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4004	7.594				
1146-65-2	Naphthalene-d8	11507	10.358				
15067-26-2	Acenaphthene-d10	6210	14.228				

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	SBLK418	SDG No.:	BM120524
Lab Sample ID:	PB165418BL	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
BM048873.D	1	12/6/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12167	16.975				
1719-03-5	Chrysene-d12	6335	21.178				
1520-96-3	Perylene-d12	5517	23.347				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	SBLK445	SDG No.:	BM120524
Lab Sample ID:	PB165445BL	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
BM048874.D	1	12/6/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165445

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.025		15-120		75	SPK: -8
93951-69-0	Fluoranthene-d10	0.393		30-130		98	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	3974		7.594			
1146-65-2	Naphthalene-d8	10929		10.359			
15067-26-2	Acenaphthene-d10	5674		14.229			

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	SBLK445	SDG No.:	BM120524
Lab Sample ID:	PB165445BL	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
BM048874.D	1	12/6/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165445

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10778	16.976				
1719-03-5	Chrysene-d12	6144	21.178				
1520-96-3	Perylene-d12	5312	23.349				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BHJ84	SDG No.:	BM120524
Lab Sample ID:	P5107-07	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
BM048875.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165412

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.1	J	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.419		15-120		55	SPK: -8
93951-69-0	Fluoranthene-d10	0.35		30-130		88	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.301		30-130		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5324	7.59				
1146-65-2	Naphthalene-d8	15010	10.359				
15067-26-2	Acenaphthene-d10	7715	14.229				

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BHJ84	SDG No.:	BM120524
Lab Sample ID:	P5107-07	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
BM048875.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165412

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15273	16.977				
1719-03-5	Chrysene-d12	9784	21.175				
1520-96-3	Perylene-d12	9650	23.349				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BHJ83	SDG No.:	BM120524
Lab Sample ID:	P5107-06	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
BM048876.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165412

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.08	J	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.484		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.368		30-130		92	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.31		30-130		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5628		7.594			
1146-65-2	Naphthalene-d8	15949		10.358			
15067-26-2	Acenaphthene-d10	8553		14.228			

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BHJ83	SDG No.:	BM120524
Lab Sample ID:	P5107-06	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048876.D	1	12/5/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165412

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16139	16.975				
1719-03-5	Chrysene-d12	10656	21.172				
1520-96-3	Perylene-d12	9852	23.347				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BHJ85	SDG No.:	BM120524
Lab Sample ID:	P5107-08	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
BM048877.D	1	12/6/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.604		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.467		30-130		117	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.361		30-130		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4907	7.594				
1146-65-2	Naphthalene-d8	14294	10.359				
15067-26-2	Acenaphthene-d10	7691	14.229				

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BHJ85	SDG No.:	BM120524
Lab Sample ID:	P5107-08	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
BM048877.D	1	12/6/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16068	16.977				
1719-03-5	Chrysene-d12	9910	21.175				
1520-96-3	Perylene-d12	8117	23.346				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BHJ86	SDG No.:	BM120524
Lab Sample ID:	P5107-09	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
BM048878.D	1	12/6/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.493		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.451		30-130		113	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.341		30-130		85	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4864	7.59				
1146-65-2	Naphthalene-d8	14383	10.358				
15067-26-2	Acenaphthene-d10	7597	14.228				

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BHJ86	SDG No.:	BM120524
Lab Sample ID:	P5107-09	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
BM048878.D	1	12/6/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15462	16.976				
1719-03-5	Chrysene-d12	9023	21.173				
1520-96-3	Perylene-d12	8035	23.344				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BHJ87	SDG No.:	BM120524
Lab Sample ID:	P5107-10	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
BM048879.D	1	12/6/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.135		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.396		30-130		99	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.303		30-130		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5462	7.59				
1146-65-2	Naphthalene-d8	15993	10.359				
15067-26-2	Acenaphthene-d10	8630	14.229				

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BHJ87	SDG No.:	BM120524
Lab Sample ID:	P5107-10	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
BM048879.D	1	12/6/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18086	16.976				
1719-03-5	Chrysene-d12	11631	21.172				
1520-96-3	Perylene-d12	9094	23.346				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BHJ88	SDG No.:	BM120524
Lab Sample ID:	P5107-11	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
BM048880.D	1	12/6/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.465		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.481		30-130		120	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.384		30-130		96	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5247	7.59				
1146-65-2	Naphthalene-d8	15604	10.359				
15067-26-2	Acenaphthene-d10	8566	14.229				

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BHJ88	SDG No.:	BM120524
Lab Sample ID:	P5107-11	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
BM048880.D	1	12/6/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18325	16.977				
1719-03-5	Chrysene-d12	11168	21.172				
1520-96-3	Perylene-d12	8819	23.341				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BHJ89	SDG No.:	BM120524
Lab Sample ID:	P5107-12	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
BM048881.D	1	12/6/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.671		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.512		30-130		128	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	5315	7.59				
1146-65-2	Naphthalene-d8	15668	10.358				
15067-26-2	Acenaphthene-d10	8513	14.228				

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BHJ89	SDG No.:	BM120524
Lab Sample ID:	P5107-12	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
BM048881.D	1	12/6/2024 12:00:00 AM	12/6/2024 12:00:00 AM	PB165418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18189	16.975				
1719-03-5	Chrysene-d12	10249	21.172				
1520-96-3	Perylene-d12	8004	23.344				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BHJ90	SDG No.:	BM120524
Lab Sample ID:	P5107-13	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
BM048882.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165445

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.82		15-120		60	SPK: -8
93951-69-0	Fluoranthene-d10	0.57	*	30-130		142	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	5087		7.59			
1146-65-2	Naphthalene-d8	15113		10.359			
15067-26-2	Acenaphthene-d10	8213		14.229			

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BHJ90	SDG No.:	BM120524
Lab Sample ID:	P5107-13	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
BM048882.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165445

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16954	16.977				
1719-03-5	Chrysene-d12	9336	21.172				
1520-96-3	Perylene-d12	7499	23.343				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BHJ91	SDG No.:	BM120524
Lab Sample ID:	P5107-14	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
BM048883.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165445

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.543		15-120		57	SPK: -8
93951-69-0	Fluoranthene-d10	0.507		30-130		127	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.365		30-130		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5069	7.59				
1146-65-2	Naphthalene-d8	14840	10.359				
15067-26-2	Acenaphthene-d10	8154	14.229				

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BHJ91	SDG No.:	BM120524
Lab Sample ID:	P5107-14	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
BM048883.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165445

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16979	16.972				
1719-03-5	Chrysene-d12	9224	21.172				
1520-96-3	Perylene-d12	7577	23.341				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BHJ92	SDG No.:	BM120524
Lab Sample ID:	P5107-15	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
BM048884.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165445

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.129		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.475		30-130		119	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.329		30-130		82	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5137	7.59				
1146-65-2	Naphthalene-d8	15399	10.358				
15067-26-2	Acenaphthene-d10	8289	14.228				

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BHJ92	SDG No.:	BM120524
Lab Sample ID:	P5107-15	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
BM048884.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165445

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16851	16.976				
1719-03-5	Chrysene-d12	8922	21.173				
1520-96-3	Perylene-d12	7606	23.344				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BHJ93	SDG No.:	BM120524
Lab Sample ID:	P5107-16	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
BM048885.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165445

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.562		15-120		57	SPK: -8
93951-69-0	Fluoranthene-d10	0.443		30-130		111	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.352		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5058	7.59				
1146-65-2	Naphthalene-d8	14009	10.359				
15067-26-2	Acenaphthene-d10	7315	14.225				

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BHJ93	SDG No.:	BM120524
Lab Sample ID:	P5107-16	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
BM048885.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165445

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15023	16.972				
1719-03-5	Chrysene-d12	9597	21.172				
1520-96-3	Perylene-d12	8722	23.344				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BHJ94	SDG No.:	BM120524
Lab Sample ID:	P5107-17	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
BM048886.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165445

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.07		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.438		30-130		109	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.355		30-130		89	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5788	7.59				
1146-65-2	Naphthalene-d8	17053	10.358				
15067-26-2	Acenaphthene-d10	9317	14.228				

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	BHJ94	SDG No.:	BM120524
Lab Sample ID:	P5107-17	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
BM048886.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165445

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19516	16.971				
1719-03-5	Chrysene-d12	11349	21.169				
1520-96-3	Perylene-d12	8837	23.344				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	SLCS418	SDG No.:	BM120524
Lab Sample ID:	PB165418BS	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
BM048887.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.6		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.39		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.41		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.41		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.37		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.39		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.41		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	1.3		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.43		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.41		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.42		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.42		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.46		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.38		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.51		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.44		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.44		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.45		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.47		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.42		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.67		15-120		84	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.483		30-130		121	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.442		30-130		111	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5254	7.594				
1146-65-2	Naphthalene-d8	15388	10.358				
15067-26-2	Acenaphthene-d10	8623	14.228				

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	SLCS418	SDG No.:	BM120524
Lab Sample ID:	PB165418BS	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
BM048887.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16624	16.975				
1719-03-5	Chrysene-d12	10059	21.172				
1520-96-3	Perylene-d12	9586	23.344				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	SLCS445	SDG No.:	BM120524
Lab Sample ID:	PB165445BS	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
BM048888.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165445

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.7		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.4		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.41		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.42		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.38		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.4		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.42		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	1.3		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.43		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.42		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.43		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.42		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.48		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.39		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.54		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.45		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.45		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.46		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.47		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.44		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.689		15-120		86	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.489		30-130		122	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.449		30-130		112	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4802	7.594				
1146-65-2	Naphthalene-d8	13733	10.358				
15067-26-2	Acenaphthene-d10	7714	14.228				

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	SLCS445	SDG No.:	BM120524
Lab Sample ID:	PB165445BS	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
BM048888.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165445

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15008	16.975				
1719-03-5	Chrysene-d12	9144	21.17				
1520-96-3	Perylene-d12	8530	23.344				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	SBLK450	SDG No.:	BM120524
Lab Sample ID:	PB165450BL	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
BM048890.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165450

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.984		15-120		75	SPK: -8
93951-69-0	Fluoranthene-d10	0.422		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.396		30-130		99	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5046	7.59				
1146-65-2	Naphthalene-d8	14535	10.354				
15067-26-2	Acenaphthene-d10	7917	14.23				

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	SBLK450	SDG No.:	BM120524
Lab Sample ID:	PB165450BL	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
BM048890.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165450

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15918	16.973				
1719-03-5	Chrysene-d12	9092	21.175				
1520-96-3	Perylene-d12	7445	23.347				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	SBLK450	SDG No.:	BM120524
Lab Sample ID:	PB165450BL	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
BM048892.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165450

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.628		15-120		70	SPK: -8
93951-69-0	Fluoranthene-d10	0.401		30-130		100	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.369		30-130		92	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5318	7.59				
1146-65-2	Naphthalene-d8	15936	10.353				
15067-26-2	Acenaphthene-d10	8857	14.224				

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	SBLK450	SDG No.:	BM120524
Lab Sample ID:	PB165450BL	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
BM048892.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165450

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18214	16.972				
1719-03-5	Chrysene-d12	10642	21.172				
1520-96-3	Perylene-d12	8605	23.34				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	SBLK452	SDG No.:	BM120524
Lab Sample ID:	PB165452BL	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
BM048893.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165452

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.256		15-120		66	SPK: -8
93951-69-0	Fluoranthene-d10	0.34		30-130		85	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.306		30-130		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5226	7.59				
1146-65-2	Naphthalene-d8	14047	10.354				
15067-26-2	Acenaphthene-d10	7234	14.225				

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	SBLK452	SDG No.:	BM120524
Lab Sample ID:	PB165452BL	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
BM048893.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165452

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14885	16.972				
1719-03-5	Chrysene-d12	8335	21.172				
1520-96-3	Perylene-d12	7355	23.343				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E1PK0	SDG No.:	BM120524
Lab Sample ID:	P5114-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048894.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165452

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.572		15-120		57	SPK: -8
93951-69-0	Fluoranthene-d10	0.402		30-130		100	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.346		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5582	7.59				
1146-65-2	Naphthalene-d8	15515	10.354				
15067-26-2	Acenaphthene-d10	8125	14.225				

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E1PK0	SDG No.:	BM120524
Lab Sample ID:	P5114-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048894.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165452

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16498	16.972				
1719-03-5	Chrysene-d12	10303	21.169				
1520-96-3	Perylene-d12	8771	23.338				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E1PK0MS	SDG No.:	BM120524
Lab Sample ID:	P5114-05MS	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
BM048895.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165452

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.51		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.29		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.29		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.3		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.27		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.28		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.31		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	1.3		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.34		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.32		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.34		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.33		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.43		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.32		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.47		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.38		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.38		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.41		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.42		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.39		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.201		15-120		25	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.386		30-130		97	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.317		30-130		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5989	7.59				
1146-65-2	Naphthalene-d8	16907	10.358				
15067-26-2	Acenaphthene-d10	9189	14.223				

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E1PK0MS	SDG No.:	BM120524
Lab Sample ID:	P5114-05MS	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
BM048895.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165452

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17387	16.971				
1719-03-5	Chrysene-d12	11485	21.169				
1520-96-3	Perylene-d12	11104	23.341				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E1PK0MSD	SDG No.:	BM120524
Lab Sample ID:	P5114-06MSD	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
BM048896.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165452

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.57		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.31		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.32		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.33		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.29		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.31		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.34		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	1.5		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.37		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.35		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.38		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.38		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.47		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.35		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.53		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.43		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.42		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.44		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.45		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.42		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.221		15-120		28	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.44		30-130		110	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.357		30-130		89	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4949	7.59				
1146-65-2	Naphthalene-d8	14384	10.352				
15067-26-2	Acenaphthene-d10	8153	14.223				

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E1PK0MSD	SDG No.:	BM120524
Lab Sample ID:	P5114-06MSD	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
BM048896.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165452

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16007	16.971				
1719-03-5	Chrysene-d12	10137	21.167				
1520-96-3	Perylene-d12	9318	23.338				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	BHJ97	SDG No.:	BM120524
Lab Sample ID:	P5107-18	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
BM048897.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165450

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.279		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.396		30-130		99	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.326		30-130		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5141	7.59				
1146-65-2	Naphthalene-d8	14501	10.352				
15067-26-2	Acenaphthene-d10	7675	14.223				

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	BHJ97	SDG No.:	BM120524
Lab Sample ID:	P5107-18	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
BM048897.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165450

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15131	16.971				
1719-03-5	Chrysene-d12	9944	21.167				
1520-96-3	Perylene-d12	8375	23.338				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	BHJ98	SDG No.:	BM120524
Lab Sample ID:	P5107-19	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
BM048898.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165450

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.672		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.454		30-130		113	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	5590	7.59				
1146-65-2	Naphthalene-d8	15760	10.353				
15067-26-2	Acenaphthene-d10	8197	14.224				

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	BHJ98	SDG No.:	BM120524
Lab Sample ID:	P5107-19	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
BM048898.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165450

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17464	16.972				
1719-03-5	Chrysene-d12	11133	21.166				
1520-96-3	Perylene-d12	8868	23.337				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E1PJ6	SDG No.:	BM120524
Lab Sample ID:	P5114-01	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
BM048899.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165450

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.236		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.522	*	30-130		131	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.416		30-130		104	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4576		7.59			
1146-65-2	Naphthalene-d8	12895		10.352			
15067-26-2	Acenaphthene-d10	6820		14.223			

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E1PJ6	SDG No.:	BM120524
Lab Sample ID:	P5114-01	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
BM048899.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165450

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14495	16.971				
1719-03-5	Chrysene-d12	8439	21.169				
1520-96-3	Perylene-d12	7135	23.338				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E1PJ7	SDG No.:	BM120524
Lab Sample ID:	P5114-02	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
BM048900.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165450

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.232		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.468		30-130		117	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.349		30-130		87	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6482		7.586			
1146-65-2	Naphthalene-d8	18626		10.354			
15067-26-2	Acenaphthene-d10	9859		14.225			

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E1PJ7	SDG No.:	BM120524
Lab Sample ID:	P5114-02	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
BM048900.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165450

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20226	16.972				
1719-03-5	Chrysene-d12	11201	21.169				
1520-96-3	Perylene-d12	9936	23.338				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	E1PJ8	SDG No.:	BM120524
Lab Sample ID:	P5114-03	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
BM048901.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165450

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.813		15-120		48	SPK: -8
93951-69-0	Fluoranthene-d10	0.443		30-130		111	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.321		30-130		80	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7552	7.59				
1146-65-2	Naphthalene-d8	22545	10.352				
15067-26-2	Acenaphthene-d10	11958	14.223				

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	E1PJ8	SDG No.:	BM120524
Lab Sample ID:	P5114-03	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
BM048901.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165450

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23984	16.971				
1719-03-5	Chrysene-d12	13173	21.17				
1520-96-3	Perylene-d12	11134	23.338				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	SLCS450	SDG No.:	BM120524
Lab Sample ID:	PB165450BS	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
BM048902.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165450

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.6		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.41		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.43		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.44		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.39		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.42		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.43		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	1.4		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.44		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.43		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.43		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.42		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.49		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.39		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.54		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.45		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.45		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.47		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.49		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.45		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.666		15-120		83	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.493		30-130		123	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.472		30-130		118	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5593	7.59				
1146-65-2	Naphthalene-d8	16107	10.354				
15067-26-2	Acenaphthene-d10	8812	14.224				

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	SLCS450	SDG No.:	BM120524
Lab Sample ID:	PB165450BS	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
BM048902.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165450

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16655	16.972				
1719-03-5	Chrysene-d12	9938	21.169				
1520-96-3	Perylene-d12	9667	23.34				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	SLCS452	SDG No.:	BM120524
Lab Sample ID:	PB165452BS	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
BM048903.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165452

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.5		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.36		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.38		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.39		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.34		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.36		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.39		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	1.2		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.39		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.38		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.37		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.36		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.42		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.34		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.49		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.4		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.4		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.4		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.41		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.39		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.637		15-120		80	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.415		30-130		104	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.42		30-130		105	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5517	7.59				
1146-65-2	Naphthalene-d8	15750	10.352				
15067-26-2	Acenaphthene-d10	9073	14.223				

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	SLCS452	SDG No.:	BM120524
Lab Sample ID:	PB165452BS	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
BM048903.D	1	12/6/2024 12:00:00 AM	12/7/2024 12:00:00 AM	PB165452

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18503	16.971				
1719-03-5	Chrysene-d12	12180	21.167				
1520-96-3	Perylene-d12	10968	23.341				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BM120524

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	BH437							
P5104-01	BH437	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	BHJ60							
P5104-03	BHJ60	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	BHJ61							
P5104-04	BHJ61	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	BHJ62							
P5104-05	BHJ62	Water	Total Alkanes	*	0.000	0.03	0.21	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	BHJ63							
P5104-06	BHJ63	Water	Total Alkanes	*	0.000	0.03	0.21	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	BHJ64							
P5104-07	BHJ64	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	BHJ65							
P5104-08	BHJ65	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P5104-08	BHJ65	Water	1,4-Dioxane		0.100	J 0.03	0.2	ug/L
			Total Svoc :			0.10		
			Total Concentration:			0.10		
Client ID :	BHJ66							
P5104-09	BHJ66	Water	Total Alkanes	*	0.000	0.03	0.21	ug/L
			Total Tics :			0.00		
P5104-09	BHJ66	Water	1,4-Dioxane		0.090	J 0.03	0.21	ug/L
			Total Svoc :			0.09		

Hit Summary Sheet
SW-846

SDG No.: BM120524

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:						0.09		
Client ID :	BHJ67							
P5104-10	BHJ67	Water	Total Alkanes	*	0.000	0.03	0.21	ug/L
Total Tics :						0.00		
P5104-10	BHJ67	Water	1,4-Dioxane		0.080	J 0.03	0.21	ug/L
Total Svoc :						0.08		
Total Concentration:						0.08		
Client ID :	BHJ68							
P5104-11	BHJ68	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
P5104-11	BHJ68	Water	1,4-Dioxane		0.050	J 0.029	0.2	ug/L
Total Svoc :						0.05		
Total Concentration:						0.05		
Client ID :	BHJ69							
P5104-12	BHJ69	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
P5104-12	BHJ69	Water	1,4-Dioxane		0.040	J 0.029	0.2	ug/L
Total Svoc :						0.04		
Total Concentration:						0.04		
Client ID :	BHJ70							
P5104-13	BHJ70	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID :	BHJ71							
P5104-14	BHJ71	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID :	BHJ72							
P5104-15	BHJ72	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID :	BHJ73							
P5104-16	BHJ73	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID :	BHJ74							
P5104-17	BHJ74	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
Total Tics :						0.00		

Hit Summary Sheet
SW-846

SDG No.: BM120524

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:			0.00		
Client ID :	BHJ75							
P5104-18	BHJ75	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	BHJ76							
P5104-19	BHJ76	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P5104-19	BHJ76	Water	1,4-Dioxane		0.080	J 0.03	0.2	ug/L
			Total Svoc :			0.08		
			Total Concentration:			0.08		
Client ID :	BHJ96							
P5104-20	BHJ96	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	BHJ78							
P5107-01	BHJ78	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	BHJ79							
P5107-02	BHJ79	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	BHJ80							
P5107-03	BHJ80	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	BHJ81							
P5107-04	BHJ81	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P5107-04	BHJ81	Water	1,4-Dioxane		0.050	J 0.03	0.2	ug/L
			Total Svoc :			0.05		
			Total Concentration:			0.05		
Client ID :	BHJ82							
P5107-05	BHJ82	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P5107-05	BHJ82	Water	1,4-Dioxane		0.080	J 0.029	0.2	ug/L

Hit Summary Sheet
SW-846

SDG No.: BM120524

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
			Total Svoc :				0.08		
			Total Concentration:				0.08		
Client ID : BHJ83									
P5107-06	BHJ83	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
			Total Tics :				0.00		
P5107-06	BHJ83	Water	1,4-Dioxane		0.080	J	0.029	0.2	ug/L
			Total Svoc :				0.08		
			Total Concentration:				0.08		
Client ID : BHJ84									
P5107-07	BHJ84	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
			Total Tics :				0.00		
P5107-07	BHJ84	Water	1,4-Dioxane		0.100	J	0.029	0.2	ug/L
			Total Svoc :				0.10		
			Total Concentration:				0.10		
Client ID : BHJ85									
P5107-08	BHJ85	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
			Total Tics :				0.00		
			Total Concentration:				0.00		
Client ID : BHJ86									
P5107-09	BHJ86	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
			Total Tics :				0.00		
			Total Concentration:				0.00		
Client ID : BHJ87									
P5107-10	BHJ87	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
			Total Tics :				0.00		
			Total Concentration:				0.00		
Client ID : BHJ88									
P5107-11	BHJ88	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
			Total Tics :				0.00		
			Total Concentration:				0.00		
Client ID : BHJ89									
P5107-12	BHJ89	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
			Total Tics :				0.00		
			Total Concentration:				0.00		
Client ID : BHJ90									
P5107-13	BHJ90	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
			Total Tics :				0.00		

Hit Summary Sheet SW-846

SDG No.: BM120524

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:						0.00		
Client ID : BHJ91								
P5107-14	BHJ91	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : BHJ92								
P5107-15	BHJ92	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : BHJ93								
P5107-16	BHJ93	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : BHJ94								
P5107-17	BHJ94	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : BHJ97								
P5107-18	BHJ97	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : BHJ98								
P5107-19	BHJ98	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : E1PJ6								
P5114-01	E1PJ6	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : E1PJ7								
P5114-02	E1PJ7	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : E1PJ8								
P5114-03	E1PJ8	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		

Hit Summary Sheet
SW-846

SDG No.: BM120524

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:					0.00		
Client ID :	E1PK0						
P5114-04	E1PK0	Water	Total Alkanes	*	0.000	0.029	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.: BM120324 SAS No.: BM120324 SDG No.: BM120324
Instrument ID: _____ Calibration Date(s): 12/2/2024 : _____
Calibration Time(s): 17:32 _____

LAB FILE ID:		RRFAL1 = BM048809.D			RRFAL2 = BM048810.D		RRFAL3 = BM048811.D	
		RRFAL4 = BM048812.D			RRFAL5 = BM048813.D		RRFAL6 = BM048814.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.711	0.642	0.604	0.551	0.515	0.605	12.7
1,4-Dioxane-d8		0.552	0.532	0.513	0.490	0.468	0.511	6.5
Naphthalene	1.064	1.029	1.024	0.988	0.949		1.011	4.3
1-Methylnaphthalene	0.640	0.624	0.625	0.593	0.607		0.618	2.9
2-Methylnaphthalene	0.592	0.577	0.586	0.580	0.585		0.584	1.0
Acenaphthylene	1.799	1.756	1.777	1.731	1.703		1.753	2.2
Acenaphthene	1.297	1.257	1.283	1.252	1.240		1.266	1.9
Fluorene	1.264	1.268	1.335	1.333	1.351		1.310	3.1
Pentachlorophenol		0.024	0.029	0.035	0.038	0.047	0.035	25.3
Phenanthrene	1.049	0.973	0.991	1.043	1.014		1.014	3.2
Anthracene	0.855	0.876	0.895	0.944	0.949		0.904	4.6
Fluoranthene	2.072	1.942	1.852	1.688	1.641		1.839	9.7
Pyrene	2.213	2.046	1.939	1.722	1.652		1.914	12.1
Benzo(a)anthracene	1.213	1.103	1.092	1.102	1.139		1.129	4.4
Chrysene	2.019	1.907	1.807	1.655	1.547		1.787	10.6
Benzo(b)fluoranthene	1.189	1.066	1.066	1.159	1.140		1.124	5.0
Benzo(k)fluoranthene	1.625	1.598	1.576	1.550	1.526		1.575	2.5
Benzo(a)pyrene	1.147	1.173	1.140	1.160	1.139		1.152	1.3
Indeno(1,2,3-cd)pyrene	1.559	1.471	1.489	1.545	1.548		1.522	2.6
Dibenzo(a,h)anthracene	1.091	1.099	1.136	1.174	1.191		1.138	3.9
Benzo(g,h,i)perylene	1.377	1.283	1.302	1.335	1.305		1.320	2.8
Fluoranthene-d10	1.281	1.284	1.293	1.177	1.139		1.235	5.8
2-Methylnaphthalene-d10	0.484	0.477	0.490	0.476	0.481		0.481	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.: BM120524 SAS No.: BM120524 SDG NO.: BM120524

EPA Sample No.: SSTD0.4001

Date Analyzed: Dec 5 2024 12:00AM

Lab File ID: BM048811.D

Time Analyzed: 13:46

Instrument ID: BNA_M

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	3158	7.611	8838	10.38	4778	14.24
	UPPER LIMIT	6316	8.111	17676	10.875	9556	14.743
	LOWER LIMIT	1579	7.111	4419	9.875	2389	13.743
	EPA SAMPLE NO.						
01	SBLK387	4513	7.60	12648	10.36	6683	14.23
02	SBLK389	4046	7.60	11003	10.36	5644	14.23
03	BH437	3778	7.60	10378	10.36	5496	14.23
04	BHJ60	4187	7.60	11729	10.36	5897	14.23
05	BHJ61	4432	7.60	12628	10.37	6873	14.23
06	BHJ62	4121	7.60	11829	10.36	6050	14.23
07	BHJ63	4678	7.60	13260	10.36	6736	14.23
08	BHJ64	4120	7.60	11795	10.37	6202	14.23
09	BHJ65	4331	7.60	12276	10.36	6317	14.23
10	BHJ66	4624	7.60	13276	10.36	7033	14.23
11	BHJ67	4281	7.60	12157	10.36	6295	14.23
12	BHJ68	3981	7.60	11554	10.36	6078	14.23
13	SLCS389	4248	7.60	11884	10.36	6417	14.23
14	SLCS387	3235	7.60	9097	10.37	4981	14.23
15	SBLK399	3851	7.59	10465	10.36	5600	14.23
16	SBLK401	3833	7.59	10400	10.36	5533	14.23
17	BHJ96	3888	7.59	10661	10.36	5687	14.23
18	BHJ96MS	3054	7.60	8394	10.36	4711	14.23
19	BHJ96MSD	2918	7.60	8086	10.36	4411	14.23
20	BHJ69	3968	7.59	11213	10.36	6126	14.22
21	BHJ70	4942	7.59	13731	10.36	7265	14.23
22	BHJ71	4496	7.59	12959	10.36	7042	14.23
23	BHJ72	4134	7.59	11428	10.36	5776	14.23

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM120524 SAS No.: BM120524 SDG NO.: BM120524

EPA Sample No.: SSTD0.4001

Date Analyzed: Dec 6 2024 12:00AM

Lab File ID: BM048811.D

Time Analyzed: 04:48

Instrument ID: BNA_M

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	3158	7.611	8838	10.38	4778	14.24
	UPPER LIMIT	6316	8.111	17676	10.875	9556	14.743
	LOWER LIMIT	1579	7.111	4419	9.875	2389	13.743
	EPA SAMPLE NO.						
24	BHJ73	4328	7.59	11600	10.36	6206	14.23
25	SLCS399	4069	7.60	11126	10.36	5696	14.23
26	SLCS401	4257	7.59	11625	10.36	6176	14.23
27	SBLK410	5039	7.60	14749	10.36	8379	14.24
28	SBLK412	5113	7.59	13580	10.37	6857	14.23
29	BHJ74	5346	7.59	15073	10.36	8393	14.23
30	BHJ75	5262	7.59	14528	10.36	7329	14.23
31	BHJ76	5164	7.59	14730	10.36	7776	14.23
32	BHJ78	5454	7.59	16118	10.36	8693	14.23
33	BHJ79	4474	7.59	12492	10.36	6563	14.23
34	BHJ80	4993	7.59	14286	10.36	7368	14.23
35	BHJ81	4872	7.59	13783	10.36	7030	14.23
36	BHJ82	5071	7.59	14466	10.36	7595	14.23
37	SLCS410	5025	7.59	14382	10.36	8095	14.23
38	SLCS412	4017	7.59	11392	10.36	6442	14.23
39	SBLK418	4004	7.59	11507	10.36	6210	14.23
40	SBLK445	3974	7.59	10929	10.36	5674	14.23
41	BHJ84	5324	7.59	15010	10.36	7715	14.23
42	BHJ83	5628	7.59	15949	10.36	8553	14.23
43	BHJ85	4907	7.59	14294	10.36	7691	14.23
44	BHJ86	4864	7.59	14383	10.36	7597	14.23
45	BHJ87	5462	7.59	15993	10.36	8630	14.23
46	BHJ88	5247	7.59	15604	10.36	8566	14.23

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM120524 SAS No.: BM120524 SDG NO.: BM120524

EPA Sample No.: SSTD0.4001

Date Analyzed: Dec 6 2024 12:00AM

Lab File ID: BM048811.D

Time Analyzed: 23:30

Instrument ID: BNA_M

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	3158	7.611	8838	10.38	4778	14.24
	UPPER LIMIT	6316	8.111	17676	10.875	9556	14.743
	LOWER LIMIT	1579	7.111	4419	9.875	2389	13.743
	EPA SAMPLE NO.						
47	BHJ89	5315	7.59	15668	10.36	8513	14.23
48	BHJ90	5087	7.59	15113	10.36	8213	14.23
49	BHJ91	5069	7.59	14840	10.36	8154	14.23
50	BHJ92	5137	7.59	15399	10.36	8289	14.23
51	BHJ93	5058	7.59	14009	10.36	7315	14.23
52	BHJ94	5788	7.59	17053	10.36	9317	14.23
53	SLCS418	5254	7.59	15388	10.36	8623	14.23
54	SLCS445	4802	7.59	13733	10.36	7714	14.23
55	SBLK450	5046	7.59	14535	10.35	7917	14.23
56	SBLK450	5318	7.59	15936	10.35	8857	14.22
57	SBLK452	5226	7.59	14047	10.35	7234	14.23
58	E1PK0	5582	7.59	15515	10.35	8125	14.23
59	E1PKOMS	5989	7.59	16907	10.36	9189	14.22
60	E1PKOMSD	4949	7.59	14384	10.35	8153	14.22
61	BHJ97	5141	7.59	14501	10.35	7675	14.22
62	BHJ98	5590	7.59	15760	10.35	8197	14.22
63	E1PJ6	4576	7.59	12895	10.35	6820	14.22
64	E1PJ7	6482 *	7.59	18626 *	10.35	9859 *	14.23
65	E1PJ8	7552 *	7.59	22545 *	10.35	11958 *	14.22
66	SLCS450	5593	7.59	16107	10.35	8812	14.22
67	SLCS452	5517	7.59	15750	10.35	9073	14.22

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM120524 SAS No.: BM120524 SDG NO.: BM120524

EPA Sample No.: SSTD0.4001 Date Analyzed: Dec 7 2024 12:00AM

Lab File ID: BM048811.D Time Analyzed: 18:46

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	3158	7.611	8838	10.38	4778	14.24
UPPER LIMIT	6316	8.111	17676	10.875	9556	14.743
LOWER LIMIT	1579	7.111	4419	9.875	2389	13.743
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.: BM120524 SAS No.: BM120524 SDG NO.: BM120524

EPA Sample No.: SSTD0.4097 Date Analyzed: Dec 5 2024 12:00AM

Lab File ID: BM048831.D Time Analyzed: 13:46

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	3324	7.602	9234	10.37	4918	14.23
UPPER LIMIT	6648	8.102	18468	10.865	9836	14.734
LOWER LIMIT	1662	7.102	4617	9.865	2459	13.734
EPA SAMPLE NO.						
01 SBLK387	4513	7.60	12648	10.36	6683	14.23
02 SBLK389	4046	7.60	11003	10.36	5644	14.23
03 BH437	3778	7.60	10378	10.36	5496	14.23
04 BHJ60	4187	7.60	11729	10.36	5897	14.23
05 BHJ61	4432	7.60	12628	10.37	6873	14.23
06 BHJ62	4121	7.60	11829	10.36	6050	14.23
07 BHJ63	4678	7.60	13260	10.36	6736	14.23
08 BHJ64	4120	7.60	11795	10.37	6202	14.23
09 BHJ65	4331	7.60	12276	10.36	6317	14.23
10 BHJ66	4624	7.60	13276	10.36	7033	14.23
11 BHJ67	4281	7.60	12157	10.36	6295	14.23
12 BHJ68	3981	7.60	11554	10.36	6078	14.23
13 SLCS389	4248	7.60	11884	10.36	6417	14.23
14 SLCS387	3235	7.60	9097	10.37	4981	14.23

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.: BM120524 SAS No.: BM120524 SDG NO.: BM120524

EPA Sample No.: SSTD0.4098 Date Analyzed: Dec 5 2024 12:00AM

Lab File ID: BM048846.D Time Analyzed: 23:26

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	3456	7.598	9462	10.36	5224	14.23
UPPER LIMIT	6912	8.098	18924	10.863	10448	14.733
LOWER LIMIT	1728	7.098	4731	9.863	2612	13.733
EPA SAMPLE NO.						
01 SBLK399	3851	7.59	10465	10.36	5600	14.23
02 SBLK401	3833	7.59	10400	10.36	5533	14.23
03 BHJ96	3888	7.59	10661	10.36	5687	14.23
04 BHJ96MS	3054	7.60	8394	10.36	4711	14.23
05 BHJ96MSD	2918	7.60	8086	10.36	4411	14.23
06 BHJ69	3968	7.59	11213	10.36	6126	14.22
07 BHJ70	4942	7.59	13731	10.36	7265	14.23
08 BHJ71	4496	7.59	12959	10.36	7042	14.23
09 BHJ72	4134	7.59	11428	10.36	5776	14.23
10 BHJ73	4328	7.59	11600	10.36	6206	14.23
11 SLCS399	4069	7.60	11126	10.36	5696	14.23
12 SLCS401	4257	7.59	11625	10.36	6176	14.23

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.: BM120524 SAS No.: BM120524 SDG NO.: BM120524

EPA Sample No.: SSTD0.4099 Date Analyzed: Dec 6 2024 12:00AM

Lab File ID: BM048859.D Time Analyzed: 10:20

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	4058	7.598	11168	10.36	5980	14.23
UPPER LIMIT	8116	8.098	22336	10.858	11960	14.728
LOWER LIMIT	2029	7.098	5584	9.858	2990	13.728
EPA SAMPLE NO.						
01 SBLK410	5039	7.60	14749	10.36	8379	14.24
02 SBLK412	5113	7.59	13580	10.37	6857	14.23
03 BHJ74	5346	7.59	15073	10.36	8393	14.23
04 BHJ75	5262	7.59	14528	10.36	7329	14.23
05 BHJ76	5164	7.59	14730	10.36	7776	14.23
06 BHJ78	5454	7.59	16118	10.36	8693	14.23
07 BHJ79	4474	7.59	12492	10.36	6563	14.23
08 BHJ80	4993	7.59	14286	10.36	7368	14.23
09 BHJ81	4872	7.59	13783	10.36	7030	14.23
10 BHJ82	5071	7.59	14466	10.36	7595	14.23
11 SLCS410	5025	7.59	14382	10.36	8095	14.23
12 SLCS412	4017	7.59	11392	10.36	6442	14.23

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.: BM120524 SAS No.: BM120524 SDG NO.: BM120524

EPA Sample No.: SSTD0.4100 Date Analyzed: Dec 6 2024 12:00AM

Lab File ID: BM048872.D Time Analyzed: 18:43

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	3504	7.594	9978	10.36	5726	14.23
	UPPER LIMIT	7008	8.094	19956	10.863	11452	14.732
	LOWER LIMIT	1752	7.094	4989	9.863	2863	13.732
	EPA SAMPLE NO.						
01	SBLK418	4004	7.59	11507	10.36	6210	14.23
02	SBLK445	3974	7.59	10929	10.36	5674	14.23
03	BHJ84	5324	7.59	15010	10.36	7715	14.23
04	BHJ83	5628	7.59	15949	10.36	8553	14.23
05	BHJ85	4907	7.59	14294	10.36	7691	14.23
06	BHJ86	4864	7.59	14383	10.36	7597	14.23
07	BHJ87	5462	7.59	15993	10.36	8630	14.23
08	BHJ88	5247	7.59	15604	10.36	8566	14.23
09	BHJ89	5315	7.59	15668	10.36	8513	14.23
10	BHJ90	5087	7.59	15113	10.36	8213	14.23
11	BHJ91	5069	7.59	14840	10.36	8154	14.23
12	BHJ92	5137	7.59	15399	10.36	8289	14.23
13	BHJ93	5058	7.59	14009	10.36	7315	14.23
14	BHJ94	5788	7.59	17053	10.36	9317	14.23
15	SLCS418	5254	7.59	15388	10.36	8623	14.23
16	SLCS445	4802	7.59	13733	10.36	7714	14.23

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM120524 SAS No.: BM120524 SDG NO.: BM120524

EPA Sample No.: SSTD0.4100 Date Analyzed: Dec 7 2024 12:00AM

Lab File ID: BM048872.D Time Analyzed: 03:40

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	3504	7.594	9978	10.36	5726	14.23
UPPER LIMIT	7008	8.094	19956	10.863	11452	14.732
LOWER LIMIT	1752	7.094	4989	9.863	2863	13.732
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.: BM120524 SAS No.: BM120524 SDG NO.: BM120524

EPA Sample No.: SSTD0.4101 Date Analyzed: Dec 7 2024 12:00AM

Lab File ID: BM048889.D Time Analyzed: 10:26

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	3996	7.594	11433	10.36	6492	14.22
UPPER LIMIT	7992	8.094	22866	10.859	12984	14.724
LOWER LIMIT	1998	7.094	5716.5	9.859	3246	13.724
EPA SAMPLE NO.						
01 SBLK450	5046	7.59	14535	10.35	7917	14.23

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.: BM120524 SAS No.: BM120524 SDG NO.: BM120524

EPA Sample No.: SSTD0.4102 Date Analyzed: Dec 7 2024 12:00AM

Lab File ID: BM048891.D Time Analyzed: 12:12

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	4574	7.59	12367	10.36	6667	14.22
UPPER LIMIT	9148	8.09	24734	10.858	13334	14.723
LOWER LIMIT	2287	7.09	6183.5	9.858	3333.5	13.723
EPA SAMPLE NO.						
01 SBLK450	5318	7.59	15936	10.35	8857	14.22
02 SBLK452	5226	7.59	14047	10.35	7234	14.23
03 E1PK0	5582	7.59	15515	10.35	8125	14.23
04 E1PKOMS	5989	7.59	16907	10.36	9189	14.22
05 E1PKOMSD	4949	7.59	14384	10.35	8153	14.22
06 BHJ97	5141	7.59	14501	10.35	7675	14.22
07 BHJ98	5590	7.59	15760	10.35	8197	14.22
08 E1PJ6	4576	7.59	12895	10.35	6820	14.22
09 E1PJ7	6482	7.59	18626	10.35	9859	14.23
10 E1PJ8	7552	7.59	22545	10.35	11958	14.22
11 SLCS450	5593	7.59	16107	10.35	8812	14.22
12 SLCS452	5517	7.59	15750	10.35	9073	14.22

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.: BM120524 SAS No.: BM120524 SDG NO.: BM120524

EPA Sample No.: SSTD0.4001 Date Analyzed: Dec 5 2024 12:00AM

Lab File ID: BM048811.D Time Analyzed: 13:46

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	8953	16.989	5613	21.186	6682	23.37
	UPPER LIMIT	17906	17.489	11226	21.686	13364	23.87
	LOWER LIMIT	4476.5	16.489	2806.5	20.686	3341	22.87
	EPA SAMPLE NO.						
01	SBLK387	12703	16.98	6117	21.19	5396	23.35
02	SBLK389	10749	16.98	5825	21.18	5828	23.35
03	BH437	10750	16.98	6328	21.18	6530	23.36
04	BHJ60	11179	16.98	6193	21.18	6222	23.35
05	BHJ61	13982	16.98	8914	21.18	8812	23.35
06	BHJ62	11589	16.98	6309	21.18	6292	23.35
07	BHJ63	13123	16.98	7366	21.18	7114	23.35
08	BHJ64	12031	16.98	6980	21.18	6921	23.35
09	BHJ65	12337	16.98	6793	21.18	6542	23.35
10	BHJ66	13938	16.98	8468	21.18	8537	23.35
11	BHJ67	12386	16.98	7241	21.18	7584	23.35
12	BHJ68	12189	16.98	7321	21.18	6741	23.35
13	SLCS389	12014	16.98	6790	21.18	7715	23.35
14	SLCS387	9636	16.98	6022	21.18	6417	23.35
15	SBLK399	10921	16.98	6065	21.18	6120	23.34
16	SBLK401	10723	16.98	5925	21.18	6107	23.34
17	BHJ96	11501	16.97	7345	21.18	7177	23.34
18	BHJ96MS	8808	16.98	6078	21.18	6684	23.34
19	BHJ96MSD	8514	16.98	5928	21.17	6167	23.34
20	BHJ69	12118	16.97	7789	21.18	7352	23.34
21	BHJ70	14312	16.97	8787	21.17	8668	23.34

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM120524 SAS No.: BM120524 SDG NO.: BM120524

EPA Sample No.: SSTD0.4001 Date Analyzed: Dec 6 2024 12:00AM

Lab File ID: BM048811.D Time Analyzed: 03:36

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	8953	16.989	5613	21.186	6682	23.37
	UPPER LIMIT	17906	17.489	11226	21.686	13364	23.87
	LOWER LIMIT	4476.5	16.489	2806.5	20.686	3341	22.87
	EPA SAMPLE NO.						
22	BHJ71	14215	16.97	8795	21.18	8200	23.34
23	BHJ72	11987	16.98	8759	21.17	8115	23.34
24	BHJ73	12810	16.98	9983	21.17	8700	23.34
25	SLCS399	10855	16.97	8317	21.17	9160	23.34
26	SLCS401	11090	16.98	6887	21.17	6977	23.34
27	SBLK410	17939 *	16.98	11593 *	21.18	10713	23.36
28	SBLK412	13350	16.98	8082	21.18	7897	23.36
29	BHJ74	16147	16.98	9984	21.18	8148	23.35
30	BHJ75	14291	16.98	9140	21.18	8457	23.35
31	BHJ76	15824	16.98	9661	21.18	7788	23.35
32	BHJ78	18046 *	16.98	11767 *	21.18	9724	23.35
33	BHJ79	13386	16.98	9508	21.18	9179	23.35
34	BHJ80	14725	16.98	9603	21.18	7885	23.35
35	BHJ81	14574	16.98	10151	21.18	9694	23.35
36	BHJ82	16385	16.98	10754	21.18	10511	23.35
37	SLCS410	15343	16.98	9635	21.18	9249	23.35
38	SLCS412	11975	16.98	7362	21.18	7463	23.35
39	SBLK418	12167	16.98	6335	21.18	5517	23.35
40	SBLK445	10778	16.98	6144	21.18	5312	23.35
41	BHJ84	15273	16.98	9784	21.18	9650	23.35
42	BHJ83	16139	16.98	10656	21.17	9852	23.35

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM120524 SAS No.: BM120524 SDG NO.: BM120524

EPA Sample No.: SSTD0.4001 Date Analyzed: Dec 6 2024 12:00AM

Lab File ID: BM048811.D Time Analyzed: 21:07

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	8953	16.989	5613	21.186	6682	23.37
	UPPER LIMIT	17906	17.489	11226	21.686	13364	23.87
	LOWER LIMIT	4476.5	16.489	2806.5	20.686	3341	22.87
	EPA SAMPLE NO.						
43	BHJ85	16068	16.98	9910	21.18	8117	23.35
44	BHJ86	15462	16.98	9023	21.17	8035	23.34
45	BHJ87	18086 *	16.98	11631 *	21.17	9094	23.35
46	BHJ88	18325 *	16.98	11168	21.17	8819	23.34
47	BHJ89	18189 *	16.98	10249	21.17	8004	23.34
48	BHJ90	16954	16.98	9336	21.17	7499	23.34
49	BHJ91	16979	16.97	9224	21.17	7577	23.34
50	BHJ92	16851	16.98	8922	21.17	7606	23.34
51	BHJ93	15023	16.97	9597	21.17	8722	23.34
52	BHJ94	19516 *	16.97	11349 *	21.17	8837	23.34
53	SLCS418	16624	16.98	10059	21.17	9586	23.34
54	SLCS445	15008	16.98	9144	21.17	8530	23.34
55	SBLK450	15918	16.97	9092	21.18	7445	23.35
56	SBLK450	18214 *	16.97	10642	21.17	8605	23.34
57	SBLK452	14885	16.97	8335	21.17	7355	23.34
58	E1PK0	16498	16.97	10303	21.17	8771	23.34
59	E1PKOMS	17387	16.97	11485 *	21.17	11104	23.34
60	E1PKOMSD	16007	16.97	10137	21.17	9318	23.34
61	BHJ97	15131	16.97	9944	21.17	8375	23.34
62	BHJ98	17464	16.97	11133	21.17	8868	23.34
63	E1PJ6	14495	16.97	8439	21.17	7135	23.34

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM120524 SAS No.: BM120524 SDG NO.: BM120524

EPA Sample No.: SSTD0.4001 Date Analyzed: Dec 7 2024 12:00AM

Lab File ID: BM048811.D Time Analyzed: 16:58

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	8953	16.989	5613	21.186	6682	23.37
UPPER LIMIT	17906	17.489	11226	21.686	13364	23.87
LOWER LIMIT	4476.5	16.489	2806.5	20.686	3341	22.87
EPA SAMPLE NO.						
64 E1PJ7	20226 *	16.97	11201	21.17	9936	23.34
65 E1PJ8	23984 *	16.97	13173 *	21.17	11134	23.34
66 SLCS450	16655	16.97	9938	21.17	9667	23.34
67 SLCS452	18503 *	16.97	12180 *	21.17	10968	23.34

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.: BM120524 SAS No.: BM120524 SDG NO.: BM120524

EPA Sample No.: SSTD0.4097 Date Analyzed: Dec 5 2024 12:00AM

Lab File ID: BM048831.D Time Analyzed: 13:46

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	8958	16.981	4908	21.181	5439	23.355
UPPER LIMIT	17916	17.481	9816	21.681	10878	23.855
LOWER LIMIT	4479	16.481	2454	20.681	2719.5	22.855
EPA SAMPLE NO.						
01 SBLK387	12703	16.98	6117	21.19	5396	23.35
02 SBLK389	10749	16.98	5825	21.18	5828	23.35
03 BH437	10750	16.98	6328	21.18	6530	23.36
04 BHJ60	11179	16.98	6193	21.18	6222	23.35
05 BHJ61	13982	16.98	8914	21.18	8812	23.35
06 BHJ62	11589	16.98	6309	21.18	6292	23.35
07 BHJ63	13123	16.98	7366	21.18	7114	23.35
08 BHJ64	12031	16.98	6980	21.18	6921	23.35
09 BHJ65	12337	16.98	6793	21.18	6542	23.35
10 BHJ66	13938	16.98	8468	21.18	8537	23.35
11 BHJ67	12386	16.98	7241	21.18	7584	23.35
12 BHJ68	12189	16.98	7321	21.18	6741	23.35
13 SLCS389	12014	16.98	6790	21.18	7715	23.35
14 SLCS387	9636	16.98	6022	21.18	6417	23.35

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.: BM120524 SAS No.: BM120524 SDG NO.: BM120524

EPA Sample No.: SSTD0.4098 Date Analyzed: Dec 5 2024 12:00AM

Lab File ID: BM048846.D Time Analyzed: 23:26

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	10218	16.98	6569	21.173	7940	23.344
	UPPER LIMIT	20436	17.48	13138	21.673	15880	23.844
	LOWER LIMIT	5109	16.48	3284.5	20.673	3970	22.844
	EPA SAMPLE NO.						
01	SBLK399	10921	16.98	6065	21.18	6120	23.34
02	SBLK401	10723	16.98	5925	21.18	6107	23.34
03	BHJ96	11501	16.97	7345	21.18	7177	23.34
04	BHJ96MS	8808	16.98	6078	21.18	6684	23.34
05	BHJ96MSD	8514	16.98	5928	21.17	6167	23.34
06	BHJ69	12118	16.97	7789	21.18	7352	23.34
07	BHJ70	14312	16.97	8787	21.17	8668	23.34
08	BHJ71	14215	16.97	8795	21.18	8200	23.34
09	BHJ72	11987	16.98	8759	21.17	8115	23.34
10	BHJ73	12810	16.98	9983	21.17	8700	23.34
11	SLCS399	10855	16.97	8317	21.17	9160	23.34
12	SLCS401	11090	16.98	6887	21.17	6977	23.34

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.: BM120524 SAS No.: BM120524 SDG NO.: BM120524

EPA Sample No.: SSTD0.4099 Date Analyzed: Dec 6 2024 12:00AM

Lab File ID: BM048859.D Time Analyzed: 10:20

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	11290	16.975	6882	21.17	8391	23.341
	UPPER LIMIT	22580	17.475	13764	21.67	16782	23.841
	LOWER LIMIT	5645	16.475	3441	20.67	4195.5	22.841
	EPA SAMPLE NO.						
01	SBLK410	17939	16.98	11593	21.18	10713	23.36
02	SBLK412	13350	16.98	8082	21.18	7897	23.36
03	BHJ74	16147	16.98	9984	21.18	8148	23.35
04	BHJ75	14291	16.98	9140	21.18	8457	23.35
05	BHJ76	15824	16.98	9661	21.18	7788	23.35
06	BHJ78	18046	16.98	11767	21.18	9724	23.35
07	BHJ79	13386	16.98	9508	21.18	9179	23.35
08	BHJ80	14725	16.98	9603	21.18	7885	23.35
09	BHJ81	14574	16.98	10151	21.18	9694	23.35
10	BHJ82	16385	16.98	10754	21.18	10511	23.35
11	SLCS410	15343	16.98	9635	21.18	9249	23.35
12	SLCS412	11975	16.98	7362	21.18	7463	23.35

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.: BM120524 SAS No.: BM120524 SDG NO.: BM120524

EPA Sample No.: SSTD0.4100 Date Analyzed: Dec 6 2024 12:00AM

Lab File ID: BM048872.D Time Analyzed: 18:43

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	11309	16.979	6451	21.172	6335	23.35
	UPPER LIMIT	22618	17.479	12902	21.672	12670	23.85
	LOWER LIMIT	5654.5	16.479	3225.5	20.672	3167.5	22.85
	EPA SAMPLE NO.						
01	SBLK418	12167	16.98	6335	21.18	5517	23.35
02	SBLK445	10778	16.98	6144	21.18	5312	23.35
03	BHJ84	15273	16.98	9784	21.18	9650	23.35
04	BHJ83	16139	16.98	10656	21.17	9852	23.35
05	BHJ85	16068	16.98	9910	21.18	8117	23.35
06	BHJ86	15462	16.98	9023	21.17	8035	23.34
07	BHJ87	18086	16.98	11631	21.17	9094	23.35
08	BHJ88	18325	16.98	11168	21.17	8819	23.34
09	BHJ89	18189	16.98	10249	21.17	8004	23.34
10	BHJ90	16954	16.98	9336	21.17	7499	23.34
11	BHJ91	16979	16.97	9224	21.17	7577	23.34
12	BHJ92	16851	16.98	8922	21.17	7606	23.34
13	BHJ93	15023	16.97	9597	21.17	8722	23.34
14	BHJ94	19516	16.97	11349	21.17	8837	23.34
15	SLCS418	16624	16.98	10059	21.17	9586	23.34
16	SLCS445	15008	16.98	9144	21.17	8530	23.34

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM120524 SAS No.: BM120524 SDG NO.: BM120524

EPA Sample No.: SSTD0.4100 Date Analyzed: Dec 7 2024 12:00AM

Lab File ID: BM048872.D Time Analyzed: 03:40

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	11309	16.979	6451	21.172	6335	23.35
UPPER LIMIT	22618	17.479	12902	21.672	12670	23.85
LOWER LIMIT	5654.5	16.479	3225.5	20.672	3167.5	22.85
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.: BM120524 SAS No.: BM120524 SDG NO.: BM120524

EPA Sample No.: SSTD0.4101 Date Analyzed: Dec 7 2024 12:00AM

Lab File ID: BM048889.D Time Analyzed: 10:26

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	13038	16.976	7724	21.169	7564	23.343
UPPER LIMIT	26076	17.476	15448	21.669	15128	23.843
LOWER LIMIT	6519	16.476	3862	20.669	3782	22.843
EPA SAMPLE NO.						
01 SBLK450	15918	16.97	9092	21.18	7445	23.35

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.: BM120524 SAS No.: BM120524 SDG NO.: BM120524

EPA Sample No.: SSTD0.4102 Date Analyzed: Dec 7 2024 12:00AM

Lab File ID: BM048891.D Time Analyzed: 12:12

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	13016	16.975	8223	21.17	8775	23.341
	UPPER LIMIT	26032	17.475	16446	21.67	17550	23.841
	LOWER LIMIT	6508	16.475	4111.5	20.67	4387.5	22.841
	EPA SAMPLE NO.						
01	SBLK450	18214	16.97	10642	21.17	8605	23.34
02	SBLK452	14885	16.97	8335	21.17	7355	23.34
03	E1PK0	16498	16.97	10303	21.17	8771	23.34
04	E1PK0MS	17387	16.97	11485	21.17	11104	23.34
05	E1PK0MSD	16007	16.97	10137	21.17	9318	23.34
06	BHJ97	15131	16.97	9944	21.17	8375	23.34
07	BHJ98	17464	16.97	11133	21.17	8868	23.34
08	E1PJ6	14495	16.97	8439	21.17	7135	23.34
09	E1PJ7	20226	16.97	11201	21.17	9936	23.34
10	E1PJ8	23984	16.97	13173	21.17	11134	23.34
11	SLCS450	16655	16.97	9938	21.17	9667	23.34
12	SLCS452	18503	16.97	12180	21.17	10968	23.34

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.: BM120524

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165387BS	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	0.33	ug/L	83				0	0		
	Acenaphthene	0.4	0.34	ug/L	85				0	0		
	Fluorene	0.4	0.35	ug/L	88				0	0		
	Pentachlorophenol	0.8	0.93	ug/L	116				0	0		
	Phenanthrene	0.4	0.35	ug/L	88				0	0		
	Anthracene	0.4	0.34	ug/L	85				0	0		
	Fluoranthene	0.4	0.35	ug/L	88				0	0		
	Pyrene	0.4	0.34	ug/L	85				0	0		
	Benzo(a)anthracene	0.4	0.37	ug/L	93				0	0		
	Chrysene	0.4	0.35	ug/L	88				0	0		
	Benzo(b)fluoranthene	0.4	0.41	ug/L	103				0	0		
	Benzo(k)fluoranthene	0.4	0.38	ug/L	95				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	0.39	ug/L	98				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.: BM120524

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165389BS	1,4-Dioxane	2	1.4	ug/L	70				0	0		
	Naphthalene	0.4	0.31	ug/L	78				0	0		
	1-Methylnaphthalene	0.4	0.31	ug/L	78				0	0		
	2-Methylnaphthalene	0.4	0.31	ug/L	78				0	0		
	Acenaphthylene	0.4	0.29	ug/L	73				0	0		
	Acenaphthene	0.4	0.3	ug/L	75				0	0		
	Fluorene	0.4	0.3	ug/L	75				0	0		
	Pentachlorophenol	0.8	0.85	ug/L	106				0	0		
	Phenanthrene	0.4	0.3	ug/L	75				0	0		
	Anthracene	0.4	0.29	ug/L	73				0	0		
	Fluoranthene	0.4	0.32	ug/L	80				0	0		
	Pyrene	0.4	0.31	ug/L	78				0	0		
	Benzo(a)anthracene	0.4	0.34	ug/L	85				0	0		
	Chrysene	0.4	0.3	ug/L	75				0	0		
	Benzo(b)fluoranthene	0.4	0.34	ug/L	85				0	0		
	Benzo(k)fluoranthene	0.4	0.31	ug/L	78				0	0		
	Benzo(a)pyrene	0.4	0.31	ug/L	78				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.33	ug/L	83				0	0		
	Dibenzo(a,h)anthracene	0.4	0.34	ug/L	85				0	0		
	Benzo(g,h,i)perylene	0.4	0.32	ug/L	80				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM120524

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165399BS	1,4-Dioxane	2	1.6	ug/L	80				0	0		
	Naphthalene	0.4	0.36	ug/L	90				0	0		
	1-Methylnaphthalene	0.4	0.36	ug/L	90				0	0		
	2-Methylnaphthalene	0.4	0.36	ug/L	90				0	0		
	Acenaphthylene	0.4	0.35	ug/L	88				0	0		
	Acenaphthene	0.4	0.36	ug/L	90				0	0		
	Fluorene	0.4	0.37	ug/L	93				0	0		
	Pentachlorophenol	0.8	1.2	ug/L	150				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	0.34	ug/L	85				0	0		
	Pyrene	0.4	0.35	ug/L	88				0	0		
	Benzo(a)anthracene	0.4	0.42	ug/L	105				0	0		
	Chrysene	0.4	0.35	ug/L	88				0	0		
	Benzo(b)fluoranthene	0.4	0.43	ug/L	108				0	0		
	Benzo(k)fluoranthene	0.4	0.38	ug/L	95				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	0.44	ug/L	110				0	0		
	Benzo(g,h,i)perylene	0.4	0.4	ug/L	100				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM120524

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165401BS	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	0.4	ug/L	100				0	0		
	2-Methylnaphthalene	0.4	0.4	ug/L	100				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	0.4	ug/L	100				0	0		
	Pentachlorophenol	0.8	1.2	ug/L	150				0	0		
	Phenanthrene	0.4	0.42	ug/L	105				0	0		
	Anthracene	0.4	0.41	ug/L	103				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	0.44	ug/L	110				0	0		
	Chrysene	0.4	0.39	ug/L	98				0	0		
	Benzo(b)fluoranthene	0.4	0.48	ug/L	120				0	0		
	Benzo(k)fluoranthene	0.4	0.44	ug/L	110				0	0		
	Benzo(a)pyrene	0.4	0.44	ug/L	110				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.45	ug/L	113				0	0		
	Dibenzo(a,h)anthracene	0.4	0.46	ug/L	115				0	0		
	Benzo(g,h,i)perylene	0.4	0.44	ug/L	110				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM120524**

Client: _____

Analytical Method: **SFAM_SVOASIM**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165410BS	1,4-Dioxane	2	1.4	ug/L	70				0	0		
	Naphthalene	0.4	0.32	ug/L	80				0	0		
	1-Methylnaphthalene	0.4	0.33	ug/L	83				0	0		
	2-Methylnaphthalene	0.4	0.34	ug/L	85				0	0		
	Acenaphthylene	0.4	0.3	ug/L	75				0	0		
	Acenaphthene	0.4	0.32	ug/L	80				0	0		
	Fluorene	0.4	0.33	ug/L	83				0	0		
	Pentachlorophenol	0.8	0.99	ug/L	124				0	0		
	Phenanthrene	0.4	0.35	ug/L	88				0	0		
	Anthracene	0.4	0.35	ug/L	88				0	0		
	Fluoranthene	0.4	0.34	ug/L	85				0	0		
	Pyrene	0.4	0.34	ug/L	85				0	0		
	Benzo(a)anthracene	0.4	0.36	ug/L	90				0	0		
	Chrysene	0.4	0.32	ug/L	80				0	0		
	Benzo(b)fluoranthene	0.4	0.4	ug/L	100				0	0		
	Benzo(k)fluoranthene	0.4	0.36	ug/L	90				0	0		
	Benzo(a)pyrene	0.4	0.36	ug/L	90				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.35	ug/L	88				0	0		
	Dibenzo(a,h)anthracene	0.4	0.36	ug/L	90				0	0		
	Benzo(g,h,i)perylene	0.4	0.34	ug/L	85				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM120524

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165412BS	1,4-Dioxane	2	1.5	ug/L	75				0	0		
	Naphthalene	0.4	0.32	ug/L	80				0	0		
	1-Methylnaphthalene	0.4	0.32	ug/L	80				0	0		
	2-Methylnaphthalene	0.4	0.33	ug/L	83				0	0		
	Acenaphthylene	0.4	0.29	ug/L	73				0	0		
	Acenaphthene	0.4	0.31	ug/L	78				0	0		
	Fluorene	0.4	0.31	ug/L	78				0	0		
	Pentachlorophenol	0.8	0.94	ug/L	117				0	0		
	Phenanthrene	0.4	0.32	ug/L	80				0	0		
	Anthracene	0.4	0.3	ug/L	75				0	0		
	Fluoranthene	0.4	0.31	ug/L	78				0	0		
	Pyrene	0.4	0.3	ug/L	75				0	0		
	Benzo(a)anthracene	0.4	0.33	ug/L	83				0	0		
	Chrysene	0.4	0.3	ug/L	75				0	0		
	Benzo(b)fluoranthene	0.4	0.37	ug/L	93				0	0		
	Benzo(k)fluoranthene	0.4	0.33	ug/L	83				0	0		
	Benzo(a)pyrene	0.4	0.33	ug/L	83				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.34	ug/L	85				0	0		
	Dibenzo(a,h)anthracene	0.4	0.34	ug/L	85				0	0		
	Benzo(g,h,i)perylene	0.4	0.33	ug/L	83				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM120524

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165418BS	1,4-Dioxane	2	1.6	ug/L	80				0	0		
	Naphthalene	0.4	0.39	ug/L	98				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	0.37	ug/L	93				0	0		
	Acenaphthene	0.4	0.39	ug/L	98				0	0		
	Fluorene	0.4	0.41	ug/L	103				0	0		
	Pentachlorophenol	0.8	1.3	ug/L	162				0	0		
	Phenanthrene	0.4	0.43	ug/L	108				0	0		
	Anthracene	0.4	0.41	ug/L	103				0	0		
	Fluoranthene	0.4	0.42	ug/L	105				0	0		
	Pyrene	0.4	0.42	ug/L	105				0	0		
	Benzo(a)anthracene	0.4	0.46	ug/L	115				0	0		
	Chrysene	0.4	0.38	ug/L	95				0	0		
	Benzo(b)fluoranthene	0.4	0.51	ug/L	128				0	0		
	Benzo(k)fluoranthene	0.4	0.44	ug/L	110				0	0		
	Benzo(a)pyrene	0.4	0.44	ug/L	110				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.45	ug/L	113				0	0		
	Dibenzo(a,h)anthracene	0.4	0.47	ug/L	117				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.: BM120524

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165445BS	1,4-Dioxane	2	1.7	ug/L	85				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	0.42	ug/L	105				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	0.42	ug/L	105				0	0		
	Pentachlorophenol	0.8	1.3	ug/L	162				0	0		
	Phenanthrene	0.4	0.43	ug/L	108				0	0		
	Anthracene	0.4	0.42	ug/L	105				0	0		
	Fluoranthene	0.4	0.43	ug/L	108				0	0		
	Pyrene	0.4	0.42	ug/L	105				0	0		
	Benzo(a)anthracene	0.4	0.48	ug/L	120				0	0		
	Chrysene	0.4	0.39	ug/L	98				0	0		
	Benzo(b)fluoranthene	0.4	0.54	ug/L	135				0	0		
	Benzo(k)fluoranthene	0.4	0.45	ug/L	113				0	0		
	Benzo(a)pyrene	0.4	0.45	ug/L	113				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	0.44	ug/L	110				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM120524

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165450BS	1,4-Dioxane	2	1.6	ug/L	80				0	0		
	Naphthalene	0.4	0.41	ug/L	103				0	0		
	1-Methylnaphthalene	0.4	0.43	ug/L	108				0	0		
	2-Methylnaphthalene	0.4	0.44	ug/L	110				0	0		
	Acenaphthylene	0.4	0.39	ug/L	98				0	0		
	Acenaphthene	0.4	0.42	ug/L	105				0	0		
	Fluorene	0.4	0.43	ug/L	108				0	0		
	Pentachlorophenol	0.8	1.4	ug/L	175				0	0		
	Phenanthrene	0.4	0.44	ug/L	110				0	0		
	Anthracene	0.4	0.43	ug/L	108				0	0		
	Fluoranthene	0.4	0.43	ug/L	108				0	0		
	Pyrene	0.4	0.42	ug/L	105				0	0		
	Benzo(a)anthracene	0.4	0.49	ug/L	123				0	0		
	Chrysene	0.4	0.39	ug/L	98				0	0		
	Benzo(b)fluoranthene	0.4	0.54	ug/L	135				0	0		
	Benzo(k)fluoranthene	0.4	0.45	ug/L	113				0	0		
	Benzo(a)pyrene	0.4	0.45	ug/L	113				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.47	ug/L	117				0	0		
	Dibenzo(a,h)anthracene	0.4	0.49	ug/L	123				0	0		
	Benzo(g,h,i)perylene	0.4	0.45	ug/L	113				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM120524

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165452BS	1,4-Dioxane	2	1.5	ug/L	75				0	0		
	Naphthalene	0.4	0.36	ug/L	90				0	0		
	1-Methylnaphthalene	0.4	0.38	ug/L	95				0	0		
	2-Methylnaphthalene	0.4	0.39	ug/L	98				0	0		
	Acenaphthylene	0.4	0.34	ug/L	85				0	0		
	Acenaphthene	0.4	0.36	ug/L	90				0	0		
	Fluorene	0.4	0.39	ug/L	98				0	0		
	Pentachlorophenol	0.8	1.2	ug/L	150				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	0.37	ug/L	93				0	0		
	Pyrene	0.4	0.36	ug/L	90				0	0		
	Benzo(a)anthracene	0.4	0.42	ug/L	105				0	0		
	Chrysene	0.4	0.34	ug/L	85				0	0		
	Benzo(b)fluoranthene	0.4	0.49	ug/L	123				0	0		
	Benzo(k)fluoranthene	0.4	0.4	ug/L	100				0	0		
	Benzo(a)pyrene	0.4	0.4	ug/L	100				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.4	ug/L	100				0	0		
	Dibenzo(a,h)anthracene	0.4	0.41	ug/L	103				0	0		
	Benzo(g,h,i)perylene	0.4	0.39	ug/L	98				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK387

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM120524

SAS No.: BM120524 SDG NO.: BM120524

Lab File ID: BM048832.D

Lab Sample ID: PB165387BL

Instrument ID: BNA_M

Date Extracted: 12/04/2024

Matrix: (soil/water) Water

Date Analyzed: 12/05/2024

Level: (low/med) LOW

Time Analyzed: 13:46

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BH437	P5104-01	BM048834.D	12/05/2024
BHJ60	P5104-03	BM048835.D	12/05/2024
BHJ61	P5104-04	BM048836.D	12/05/2024
BHJ62	P5104-05	BM048837.D	12/05/2024
BHJ63	P5104-06	BM048838.D	12/05/2024
PB165387BS	PB165387BS	BM048845.D	12/05/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK389

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM120524

SAS No.: BM120524 SDG NO.: BM120524

Lab File ID: BM048833.D

Lab Sample ID: PB165389BL

Instrument ID: BNA_M

Date Extracted: 12/04/2024

Matrix: (soil/water) Water

Date Analyzed: 12/05/2024

Level: (low/med) LOW

Time Analyzed: 14:22

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BHJ64	P5104-07	BM048839.D	12/05/2024
BHJ65	P5104-08	BM048840.D	12/05/2024
BHJ66	P5104-09	BM048841.D	12/05/2024
BHJ67	P5104-10	BM048842.D	12/05/2024
BHJ68	P5104-11	BM048843.D	12/05/2024
PB165389BS	PB165389BS	BM048844.D	12/05/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK399

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM120524

SAS No.: BM120524 SDG NO.: BM120524

Lab File ID: BM048847.D

Lab Sample ID: PB165399BL

Instrument ID: BNA_M

Date Extracted: 12/05/2024

Matrix: (soil/water) Water

Date Analyzed: 12/05/2024

Level: (low/med) LOW

Time Analyzed: 23:26

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BHJ69	P5104-12	BM048852.D	12/06/2024
BHJ70	P5104-13	BM048853.D	12/06/2024
BHJ71	P5104-14	BM048854.D	12/06/2024
BHJ72	P5104-15	BM048855.D	12/06/2024
BHJ73	P5104-16	BM048856.D	12/06/2024
PB165399BS	PB165399BS	BM048857.D	12/06/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK401

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM120524

SAS No.: BM120524 SDG NO.: BM120524

Lab File ID: BM048848.D

Lab Sample ID: PB165401BL

Instrument ID: BNA_M

Date Extracted: 12/05/2024

Matrix: (soil/water) Water

Date Analyzed: 12/06/2024

Level: (low/med) LOW

Time Analyzed: 00:02

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BHJ96	P5104-20	BM048849.D	12/06/2024
BHJ96MS	P5104-21MS	BM048850.D	12/06/2024
BHJ96MSD	P5104-22MSD	BM048851.D	12/06/2024
PB165401BS	PB165401BS	BM048858.D	12/06/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK410

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM120524

SAS No.: BM120524 SDG NO.: BM120524

Lab File ID: BM048860.D

Lab Sample ID: PB165410BL

Instrument ID: BNA_M

Date Extracted: 12/05/2024

Matrix: (soil/water) Water

Date Analyzed: 12/06/2024

Level: (low/med) LOW

Time Analyzed: 10:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165410BS	PB165410BS	BM048870.D	12/06/2024
BHJ74	P5104-17	BM048862.D	12/06/2024
BHJ75	P5104-18	BM048863.D	12/06/2024
BHJ76	P5104-19	BM048864.D	12/06/2024
BHJ78	P5107-01	BM048865.D	12/06/2024
BHJ79	P5107-02	BM048866.D	12/06/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK412

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM120524

SAS No.: BM120524 SDG NO.: BM120524

Lab File ID: BM048861.D

Lab Sample ID: PB165412BL

Instrument ID: BNA_M

Date Extracted: 12/05/2024

Matrix: (soil/water) Water

Date Analyzed: 12/06/2024

Level: (low/med) LOW

Time Analyzed: 10:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BHJ80	P5107-03	BM048867.D	12/06/2024
BHJ81	P5107-04	BM048868.D	12/06/2024
BHJ82	P5107-05	BM048869.D	12/06/2024
PB165412BS	PB165412BS	BM048871.D	12/06/2024
BHJ84	P5107-07	BM048875.D	12/06/2024
BHJ83	P5107-06	BM048876.D	12/06/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK418

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM120524

SAS No.: BM120524 SDG NO.: BM120524

Lab File ID: BM048873.D

Lab Sample ID: PB165418BL

Instrument ID: BNA_M

Date Extracted: 12/06/2024

Matrix: (soil/water) Water

Date Analyzed: 12/06/2024

Level: (low/med) LOW

Time Analyzed: 18:43

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BHJ85	P5107-08	BM048877.D	12/06/2024
BHJ86	P5107-09	BM048878.D	12/06/2024
BHJ87	P5107-10	BM048879.D	12/06/2024
BHJ88	P5107-11	BM048880.D	12/06/2024
BHJ89	P5107-12	BM048881.D	12/06/2024
PB165418BS	PB165418BS	BM048887.D	12/07/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK445

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM120524

SAS No.: BM120524 SDG NO.: BM120524

Lab File ID: BM048874.D

Lab Sample ID: PB165445BL

Instrument ID: BNA_M

Date Extracted: 12/06/2024

Matrix: (soil/water) Water

Date Analyzed: 12/06/2024

Level: (low/med) LOW

Time Analyzed: 19:19

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165445BS	PB165445BS	BM048888.D	12/07/2024
BHJ90	P5107-13	BM048882.D	12/07/2024
BHJ91	P5107-14	BM048883.D	12/07/2024
BHJ92	P5107-15	BM048884.D	12/07/2024
BHJ93	P5107-16	BM048885.D	12/07/2024
BHJ94	P5107-17	BM048886.D	12/07/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK450

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM120524

SAS No.: BM120524 SDG NO.: BM120524

Lab File ID: BM048890.D

Lab Sample ID: PB165450BL

Instrument ID: BNA_M

Date Extracted: 12/06/2024

Matrix: (soil/water) Water

Date Analyzed: 12/07/2024

Level: (low/med) LOW

Time Analyzed: 10:26

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BHJ97	P5107-18	BM048897.D	12/07/2024
BHJ98	P5107-19	BM048898.D	12/07/2024
E1PJ6	P5114-01	BM048899.D	12/07/2024
E1PJ7	P5114-02	BM048900.D	12/07/2024
E1PJ8	P5114-03	BM048901.D	12/07/2024
PB165450BS	PB165450BS	BM048902.D	12/07/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK452

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM120524

SAS No.: BM120524 SDG NO.: BM120524

Lab File ID: BM048893.D

Lab Sample ID: PB165452BL

Instrument ID: BNA_M

Date Extracted: 12/06/2024

Matrix: (soil/water) Water

Date Analyzed: 12/07/2024

Level: (low/med) LOW

Time Analyzed: 12:48

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1PK0	P5114-04	BM048894.D	12/07/2024
E1PK0MS	P5114-05MS	BM048895.D	12/07/2024
E1PK0MSD	P5114-06MSD	BM048896.D	12/07/2024
PB165452BS	PB165452BS	BM048903.D	12/07/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM120524

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5104-21MS	Client Sample ID:	BHJ96MS					DataFile:	BM048850.D		
1,4-Dioxane	2		0.79	ug/L	40				15	120	
Naphthalene	0.4		0.33	ug/L	83				0	0	
1-Methylnaphthalene	0.4		0.34	ug/L	85				0	0	
2-Methylnaphthalene	0.4		0.33	ug/L	83				0	0	
Acenaphthylene	0.4		0.33	ug/L	83				0	0	
Acenaphthene	0.4		0.35	ug/L	88				46	118	
Fluorene	0.4		0.37	ug/L	93				0	0	
Pentachlorophenol	0.8		0.85	ug/L	106	*			9	103	
Phenanthrene	0.4		0.41	ug/L	103				0	0	
Anthracene	0.4		0.4	ug/L	100				0	0	
Fluoranthene	0.4		0.4	ug/L	100				0	0	
Pyrene	0.4		0.41	ug/L	103				26	127	
Benzo(a)anthracene	0.4		0.48	ug/L	120				0	0	
Chrysene	0.4		0.4	ug/L	100				0	0	
Benzo(b)fluoranthene	0.4		0.49	ug/L	123				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		0.46	ug/L	115				0	0	
Dibenzo(a,h)anthracene	0.4		0.48	ug/L	120				0	0	
Benzo(g,h,i)perylene	0.4		0.44	ug/L	110				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM120524

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P5104-22MSD		Client Sample ID: BHJ96MSD		DataFile: BM048851.D							
1,4-Dioxane	2		0.83	ug/L	42		5		15	120	50
Naphthalene	0.4		0.35	ug/L	88		6	*	0	0	0
1-Methylnaphthalene	0.4		0.34	ug/L	85		0		0	0	0
2-Methylnaphthalene	0.4		0.35	ug/L	88		6	*	0	0	0
Acenaphthylene	0.4		0.35	ug/L	88		6	*	0	0	0
Acenaphthene	0.4		0.37	ug/L	93		6		46	118	31
Fluorene	0.4		0.4	ug/L	100		7	*	0	0	0
Pentachlorophenol	0.8		1.2	ug/L	150	*	34		9	103	50
Phenanthrene	0.4		0.43	ug/L	108		5	*	0	0	0
Anthracene	0.4		0.41	ug/L	103		3	*	0	0	0
Fluoranthene	0.4		0.41	ug/L	103		3	*	0	0	0
Pyrene	0.4		0.42	ug/L	105		2		26	127	31
Benzo(a)anthracene	0.4		0.51	ug/L	128		6	*	0	0	0
Chrysene	0.4		0.42	ug/L	105		5	*	0	0	0
Benzo(b)fluoranthene	0.4		0.56	ug/L	140		13	*	0	0	0
Benzo(k)fluoranthene	0.4		0.48	ug/L	120		9	*	0	0	0
Benzo(a)pyrene	0.4		0.48	ug/L	120		11	*	0	0	0
Indeno(1,2,3-cd)pyrene	0.4		0.5	ug/L	125		8	*	0	0	0
Dibenzo(a,h)anthracene	0.4		0.52	ug/L	130		8	*	0	0	0
Benzo(g,h,i)perylene	0.4		0.5	ug/L	125		13	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM120524

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5114-05MS	Client Sample ID:	E1PK0MS					DataFile:	BM048895.D		
1,4-Dioxane	2		0.51	ug/L	26				15	120	
Naphthalene	0.4		0.29	ug/L	73				0	0	
1-Methylnaphthalene	0.4		0.29	ug/L	73				0	0	
2-Methylnaphthalene	0.4		0.3	ug/L	75				0	0	
Acenaphthylene	0.4		0.27	ug/L	68				0	0	
Acenaphthene	0.4		0.28	ug/L	70				46	118	
Fluorene	0.4		0.31	ug/L	78				0	0	
Pentachlorophenol	0.8		1.3	ug/L	162	*			9	103	
Phenanthrene	0.4		0.34	ug/L	85				0	0	
Anthracene	0.4		0.32	ug/L	80				0	0	
Fluoranthene	0.4		0.34	ug/L	85				0	0	
Pyrene	0.4		0.33	ug/L	83				26	127	
Benzo(a)anthracene	0.4		0.43	ug/L	108				0	0	
Chrysene	0.4		0.32	ug/L	80				0	0	
Benzo(b)fluoranthene	0.4		0.47	ug/L	117				0	0	
Benzo(k)fluoranthene	0.4		0.38	ug/L	95				0	0	
Benzo(a)pyrene	0.4		0.38	ug/L	95				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		0.39	ug/L	98				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM120524

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5114-06MSD	Client Sample ID:	E1PK0MSD					DataFile:	BM048896.D		
1,4-Dioxane	2		0.57	ug/L	29		11		15	120	50
Naphthalene	0.4		0.31	ug/L	78		7	*	0	0	0
1-Methylnaphthalene	0.4		0.32	ug/L	80		9	*	0	0	0
2-Methylnaphthalene	0.4		0.33	ug/L	83		10	*	0	0	0
Acenaphthylene	0.4		0.29	ug/L	73		7	*	0	0	0
Acenaphthene	0.4		0.31	ug/L	78		11		46	118	31
Fluorene	0.4		0.34	ug/L	85		9	*	0	0	0
Pentachlorophenol	0.8		1.5	ug/L	188	*	15		9	103	50
Phenanthrene	0.4		0.37	ug/L	93		9	*	0	0	0
Anthracene	0.4		0.35	ug/L	88		10	*	0	0	0
Fluoranthene	0.4		0.38	ug/L	95		11	*	0	0	0
Pyrene	0.4		0.38	ug/L	95		13		26	127	31
Benzo(a)anthracene	0.4		0.47	ug/L	117		8	*	0	0	0
Chrysene	0.4		0.35	ug/L	88		10	*	0	0	0
Benzo(b)fluoranthene	0.4		0.53	ug/L	133		13	*	0	0	0
Benzo(k)fluoranthene	0.4		0.43	ug/L	108		13	*	0	0	0
Benzo(a)pyrene	0.4		0.42	ug/L	105		10	*	0	0	0
Indeno(1,2,3-cd)pyrene	0.4		0.44	ug/L	110		7	*	0	0	0
Dibenzo(a,h)anthracene	0.4		0.45	ug/L	113		7	*	0	0	0
Benzo(g,h,i)perylene	0.4		0.42	ug/L	105		7	*	0	0	0

Surrogate Summary

SW-846

SDG No.: **BM120524**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5104-01	BH437	BM048834.D	1,4-Dioxane-d8	8	4.67	58		15	120
			Fluoranthene-d10	0.4	0.39	98		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
P5104-03	BHJ60	BM048835.D	1,4-Dioxane-d8	8	4.13	52		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		30	130
P5104-04	BHJ61	BM048836.D	1,4-Dioxane-d8	8	3.60	45		15	120
			Fluoranthene-d10	0.4	0.39	98		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
P5104-05	BHJ62	BM048837.D	1,4-Dioxane-d8	8	4.07	51		15	120
			Fluoranthene-d10	0.4	0.47	117		30	130
			2-Methylnaphthalene-d10	0.4	0.33	82		30	130
P5104-06	BHJ63	BM048838.D	1,4-Dioxane-d8	8	3.67	46		15	120
			Fluoranthene-d10	0.4	0.46	114		30	130
			2-Methylnaphthalene-d10	0.4	0.34	84		30	130
PB165387BL	PB165387BL	BM048832.D	1,4-Dioxane-d8	8	4.21	53		15	120
			Fluoranthene-d10	0.4	0.34	85		30	130
			2-Methylnaphthalene-d10	0.4	0.26	65		30	130
PB165387BS	PB165387BS	BM048845.D	1,4-Dioxane-d8	0.8	0.68	86		15	120
			Fluoranthene-d10	0.4	0.40	101		30	130
			2-Methylnaphthalene-d10	0.4	0.39	97		30	130

Surrogate Summary

SW-846

SDG No.: **BM120524**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5104-07	BHJ64	BM048839.D	1,4-Dioxane-d8	8	3.97	50		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
P5104-08	BHJ65	BM048840.D	1,4-Dioxane-d8	8	3.83	48		15	120
			Fluoranthene-d10	0.4	0.46	114		30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		30	130
P5104-09	BHJ66	BM048841.D	1,4-Dioxane-d8	8	3.84	48		15	120
			Fluoranthene-d10	0.4	0.39	97		30	130
			2-Methylnaphthalene-d10	0.4	0.30	74		30	130
P5104-10	BHJ67	BM048842.D	1,4-Dioxane-d8	8	4.71	59		15	120
			Fluoranthene-d10	0.4	0.40	100		30	130
			2-Methylnaphthalene-d10	0.4	0.30	74		30	130
P5104-11	BHJ68	BM048843.D	1,4-Dioxane-d8	8	4.46	56		15	120
			Fluoranthene-d10	0.4	0.44	110		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
PB165389BL	PB165389BL	BM048833.D	1,4-Dioxane-d8	8	4.76	59		15	120
			Fluoranthene-d10	0.4	0.32	81		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		30	130
PB165389BS	PB165389BS	BM048844.D	1,4-Dioxane-d8	0.8	0.56	69		15	120
			Fluoranthene-d10	0.4	0.37	92		30	130
			2-Methylnaphthalene-d10	0.4	0.34	84		30	130

Surrogate Summary

SW-846

SDG No.: **BM120524**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5104-12	BHJ69	BM048852.D	1,4-Dioxane-d8	8	4.31	54		15	120
			Fluoranthene-d10	0.4	0.38	95		30	130
			2-Methylnaphthalene-d10	0.4	0.33	81		30	130
P5104-13	BHJ70	BM048853.D	1,4-Dioxane-d8	8	4.28	54		15	120
			Fluoranthene-d10	0.4	0.39	96		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		30	130
P5104-14	BHJ71	BM048854.D	1,4-Dioxane-d8	8	4.50	56		15	120
			Fluoranthene-d10	0.4	0.47	117		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130
P5104-15	BHJ72	BM048855.D	1,4-Dioxane-d8	8	4.20	53		15	120
			Fluoranthene-d10	0.4	0.42	104		30	130
			2-Methylnaphthalene-d10	0.4	0.34	84		30	130
P5104-16	BHJ73	BM048856.D	1,4-Dioxane-d8	8	4.19	52		15	120
			Fluoranthene-d10	0.4	0.37	93		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
PB165399BL	PB165399BL	BM048847.D	1,4-Dioxane-d8	8	5.28	66		15	120
			Fluoranthene-d10	0.4	0.38	94		30	130
			2-Methylnaphthalene-d10	0.4	0.32	81		30	130
PB165399BS	PB165399BS	BM048857.D	1,4-Dioxane-d8	0.8	0.72	90		15	120
			Fluoranthene-d10	0.4	0.39	97		30	130
			2-Methylnaphthalene-d10	0.4	0.39	98		30	130

Surrogate Summary

SW-846

SDG No.: **BM120524**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5104-20	BHJ96	BM048849.D	1,4-Dioxane-d8	8	4.07	51		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.29	73		30	130
P5104-21MS	BHJ96MS	BM048850.D	1,4-Dioxane-d8	0.8	0.29	37		15	120
			Fluoranthene-d10	0.4	0.45	113		30	130
			2-Methylnaphthalene-d10	0.4	0.37	91		30	130
P5104-22MSD	BHJ96MSD	BM048851.D	1,4-Dioxane-d8	0.8	0.31	38		15	120
			Fluoranthene-d10	0.4	0.46	115		30	130
			2-Methylnaphthalene-d10	0.4	0.38	94		30	130
PB165401BL	PB165401BL	BM048848.D	1,4-Dioxane-d8	8	5.77	72		15	120
			Fluoranthene-d10	0.4	0.41	102		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
PB165401BS	PB165401BS	BM048858.D	1,4-Dioxane-d8	0.8	0.77	96		15	120
			Fluoranthene-d10	0.4	0.47	117		30	130
			2-Methylnaphthalene-d10	0.4	0.44	109		30	130

Surrogate Summary

SW-846

SDG No.: **BM120524**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5104-17	BHJ74	BM048862.D	1,4-Dioxane-d8	8	3.99	50		15	120
			Fluoranthene-d10	0.4	0.34	86		30	130
			2-Methylnaphthalene-d10	0.4	0.28	71		30	130
P5104-18	BHJ75	BM048863.D	1,4-Dioxane-d8	8	3.90	49		15	120
			Fluoranthene-d10	0.4	0.39	98		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		30	130
P5104-19	BHJ76	BM048864.D	1,4-Dioxane-d8	8	4.08	51		15	120
			Fluoranthene-d10	0.4	0.44	109		30	130
			2-Methylnaphthalene-d10	0.4	0.30	76		30	130
P5107-01	BHJ78	BM048865.D	1,4-Dioxane-d8	8	3.90	49		15	120
			Fluoranthene-d10	0.4	0.37	91		30	130
			2-Methylnaphthalene-d10	0.4	0.29	73		30	130
P5107-02	BHJ79	BM048866.D	1,4-Dioxane-d8	8	4.28	54		15	120
			Fluoranthene-d10	0.4	0.36	90		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		30	130
PB165410BL	PB165410BL	BM048860.D	1,4-Dioxane-d8	8	4.67	58		15	120
			Fluoranthene-d10	0.4	0.32	79		30	130
			2-Methylnaphthalene-d10	0.4	0.32	81		30	130
PB165410BS	PB165410BS	BM048870.D	1,4-Dioxane-d8	0.8	0.60	75		15	120
			Fluoranthene-d10	0.4	0.39	97		30	130
			2-Methylnaphthalene-d10	0.4	0.37	91		30	130

Surrogate Summary

SW-846

SDG No.: BM120524

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5107-03	BHJ80	BM048867.D	1,4-Dioxane-d8	8	4.48	56		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.34	84		30	130
P5107-04	BHJ81	BM048868.D	1,4-Dioxane-d8	8	4.28	54		15	120
			Fluoranthene-d10	0.4	0.38	95		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
P5107-05	BHJ82	BM048869.D	1,4-Dioxane-d8	8	3.70	46		15	120
			Fluoranthene-d10	0.4	0.38	95		30	130
			2-Methylnaphthalene-d10	0.4	0.31	78		30	130
P5107-06	BHJ83	BM048876.D	1,4-Dioxane-d8	8	4.48	56		15	120
			Fluoranthene-d10	0.4	0.37	92		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		30	130
P5107-07	BHJ84	BM048875.D	1,4-Dioxane-d8	8	4.42	55		15	120
			Fluoranthene-d10	0.4	0.35	88		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
PB165412BL	PB165412BL	BM048861.D	1,4-Dioxane-d8	8	5.93	74		15	120
			Fluoranthene-d10	0.4	0.37	91		30	130
			2-Methylnaphthalene-d10	0.4	0.34	85		30	130
PB165412BS	PB165412BS	BM048871.D	1,4-Dioxane-d8	0.8	0.64	80		15	120
			Fluoranthene-d10	0.4	0.35	87		30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		30	130

Surrogate Summary

SW-846

SDG No.: BM120524

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5107-08	BHJ85	BM048877.D	1,4-Dioxane-d8	8	4.60	58		15	120
			Fluoranthene-d10	0.4	0.47	117		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130
P5107-09	BHJ86	BM048878.D	1,4-Dioxane-d8	8	4.49	56		15	120
			Fluoranthene-d10	0.4	0.45	113		30	130
			2-Methylnaphthalene-d10	0.4	0.34	85		30	130
P5107-10	BHJ87	BM048879.D	1,4-Dioxane-d8	8	4.14	52		15	120
			Fluoranthene-d10	0.4	0.40	99		30	130
			2-Methylnaphthalene-d10	0.4	0.30	76		30	130
P5107-11	BHJ88	BM048880.D	1,4-Dioxane-d8	8	4.47	56		15	120
			Fluoranthene-d10	0.4	0.48	120		30	130
			2-Methylnaphthalene-d10	0.4	0.38	96		30	130
P5107-12	BHJ89	BM048881.D	1,4-Dioxane-d8	8	4.67	58		15	120
			Fluoranthene-d10	0.4	0.51	128		30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		30	130
PB165418BL	PB165418BL	BM048873.D	1,4-Dioxane-d8	8	5.77	72		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.36	91		30	130
PB165418BS	PB165418BS	BM048887.D	1,4-Dioxane-d8	0.8	0.67	84		15	120
			Fluoranthene-d10	0.4	0.48	121		30	130
			2-Methylnaphthalene-d10	0.4	0.44	111		30	130

Surrogate Summary

SW-846

SDG No.: BM120524

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5107-13	BHJ90	BM048882.D	1,4-Dioxane-d8	8	4.82	60		15	120
			Fluoranthene-d10	0.4	0.57	142	*	30	130
			2-Methylnaphthalene-d10	0.4	0.41	102		30	130
P5107-14	BHJ91	BM048883.D	1,4-Dioxane-d8	8	4.54	57		15	120
			Fluoranthene-d10	0.4	0.51	127		30	130
			2-Methylnaphthalene-d10	0.4	0.37	91		30	130
P5107-15	BHJ92	BM048884.D	1,4-Dioxane-d8	8	4.13	52		15	120
			Fluoranthene-d10	0.4	0.48	119		30	130
			2-Methylnaphthalene-d10	0.4	0.33	82		30	130
P5107-16	BHJ93	BM048885.D	1,4-Dioxane-d8	8	4.56	57		15	120
			Fluoranthene-d10	0.4	0.44	111		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
P5107-17	BHJ94	BM048886.D	1,4-Dioxane-d8	8	4.07	51		15	120
			Fluoranthene-d10	0.4	0.44	109		30	130
			2-Methylnaphthalene-d10	0.4	0.36	89		30	130
PB165445BL	PB165445BL	BM048874.D	1,4-Dioxane-d8	8	6.03	75		15	120
			Fluoranthene-d10	0.4	0.39	98		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130
PB165445BS	PB165445BS	BM048888.D	1,4-Dioxane-d8	0.8	0.69	86		15	120
			Fluoranthene-d10	0.4	0.49	122		30	130
			2-Methylnaphthalene-d10	0.4	0.45	112		30	130

Surrogate Summary

SW-846

SDG No.: **BM120524**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5107-18	BHJ97	BM048897.D	1,4-Dioxane-d8	8	4.28	53		15	120
			Fluoranthene-d10	0.4	0.40	99		30	130
			2-Methylnaphthalene-d10	0.4	0.33	81		30	130
P5107-19	BHJ98	BM048898.D	1,4-Dioxane-d8	8	4.67	58		15	120
			Fluoranthene-d10	0.4	0.45	113		30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		30	130
P5114-01	E1PJ6	BM048899.D	1,4-Dioxane-d8	8	4.24	53		15	120
			Fluoranthene-d10	0.4	0.52	131	*	30	130
			2-Methylnaphthalene-d10	0.4	0.42	104		30	130
P5114-02	E1PJ7	BM048900.D	1,4-Dioxane-d8	8	4.23	53		15	120
			Fluoranthene-d10	0.4	0.47	117		30	130
			2-Methylnaphthalene-d10	0.4	0.35	87		30	130
P5114-03	E1PJ8	BM048901.D	1,4-Dioxane-d8	8	3.81	48		15	120
			Fluoranthene-d10	0.4	0.44	111		30	130
			2-Methylnaphthalene-d10	0.4	0.32	80		30	130
PB165450BL	PB165450BL	BM048890.D	1,4-Dioxane-d8	8	5.98	75		15	120
		BM048892.D	1,4-Dioxane-d8	8	5.63	70		15	120
		BM048890.D	Fluoranthene-d10	0.4	0.42	105		30	130
		BM048892.D	Fluoranthene-d10	0.4	0.40	100		30	130
		BM048890.D	2-Methylnaphthalene-d10	0.4	0.40	99		30	130
		BM048892.D	2-Methylnaphthalene-d10	0.4	0.37	92		30	130
PB165450BS	PB165450BS	BM048902.D	1,4-Dioxane-d8	0.8	0.67	83		15	120
			Fluoranthene-d10	0.4	0.49	123		30	130
			2-Methylnaphthalene-d10	0.4	0.47	118		30	130

Surrogate Summary

SW-846

SDG No.: **BM120524**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5114-04	E1PK0	BM048894.D	1,4-Dioxane-d8	8	4.57	57		15	120
			Fluoranthene-d10	0.4	0.40	100		30	130
			2-Methylnaphthalene-d10	0.4	0.35	86		30	130
P5114-05MS	E1PK0MS	BM048895.D	1,4-Dioxane-d8	0.8	0.20	25		15	120
			Fluoranthene-d10	0.4	0.39	97		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		30	130
P5114-06MSD	E1PK0MSD	BM048896.D	1,4-Dioxane-d8	0.8	0.22	28		15	120
			Fluoranthene-d10	0.4	0.44	110		30	130
			2-Methylnaphthalene-d10	0.4	0.36	89		30	130
PB165452BL	PB165452BL	BM048893.D	1,4-Dioxane-d8	8	5.26	66		15	120
			Fluoranthene-d10	0.4	0.34	85		30	130
			2-Methylnaphthalene-d10	0.4	0.31	76		30	130
PB165452BS	PB165452BS	BM048903.D	1,4-Dioxane-d8	0.8	0.64	80		15	120
			Fluoranthene-d10	0.4	0.42	104		30	130
			2-Methylnaphthalene-d10	0.4	0.42	105		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM120524

Lab Code: CHEM

SAS No.: BM120524

SDG NO.: BM120524

Lab File ID: BM048830.D

DFTPP Injection Date: 12/05/2024

Instrument ID: BNA_M

DFTPP Injection Time: 12:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	47.8
68	Less than 2.0% of mass 69	0.7 (1.5) 1
69	Mass 69 relative abundance	47.2
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	50.6
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.1
275	10.0 - 60.0% of mass 198	22.2
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	10.4
442	Greater than 50% of mass 198	63.9
443	15.0 - 24.0% of mass 442	11.9 (18.6) 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
SSTD0.4097	SSTDCCC0.4	BM048831.D	12/05/2024	13:10
SBLK387	PB165387BL	BM048832.D	12/05/2024	13:46
SBLK389	PB165389BL	BM048833.D	12/05/2024	14:22
BH437	P5104-01	BM048834.D	12/05/2024	15:03
BHJ60	P5104-03	BM048835.D	12/05/2024	15:39
BHJ61	P5104-04	BM048836.D	12/05/2024	16:15
BHJ62	P5104-05	BM048837.D	12/05/2024	16:51
BHJ63	P5104-06	BM048838.D	12/05/2024	17:27
BHJ64	P5104-07	BM048839.D	12/05/2024	18:03
BHJ65	P5104-08	BM048840.D	12/05/2024	18:39
BHJ66	P5104-09	BM048841.D	12/05/2024	19:15
BHJ67	P5104-10	BM048842.D	12/05/2024	19:50
BHJ68	P5104-11	BM048843.D	12/05/2024	20:26
SLCS389	PB165389BS	BM048844.D	12/05/2024	21:02
SLCS387	PB165387BS	BM048845.D	12/05/2024	21:38
SSTD0.4098	SSTDCCC0.4	BM048846.D	12/05/2024	22:50
SBLK399	PB165399BL	BM048847.D	12/05/2024	23:26
SBLK401	PB165401BL	BM048848.D	12/06/2024	00:02

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM120524

Lab Code: CHEM

SAS No.: BM120524 SDG NO.: BM120524

Lab File ID: BM048830.D

DFTPP Injection Date: 12/05/2024

Instrument ID: BNA_M

DFTPP Injection Time: 12:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	47.8
68	Less than 2.0% of mass 69	0.7 (1.5) 1
69	Mass 69 relative abundance	47.2
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	50.6
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.1
275	10.0 - 60.0% of mass 198	22.2
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	10.4
442	Greater than 50% of mass 198	63.9
443	15.0 - 24.0% of mass 442	11.9 (18.6) 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
BHJ96	P5104-20	BM048849.D	12/06/2024	00:38
BHJ96MS	P5104-21MS	BM048850.D	12/06/2024	01:13
BHJ96MSD	P5104-22MSD	BM048851.D	12/06/2024	01:49
BHJ69	P5104-12	BM048852.D	12/06/2024	02:25
BHJ70	P5104-13	BM048853.D	12/06/2024	03:01
BHJ71	P5104-14	BM048854.D	12/06/2024	03:36
BHJ72	P5104-15	BM048855.D	12/06/2024	04:12
BHJ73	P5104-16	BM048856.D	12/06/2024	04:48
SLCS399	PB165399BS	BM048857.D	12/06/2024	05:24
SLCS401	PB165401BS	BM048858.D	12/06/2024	05:59
SSTD0.4099	SSTDCCC0.4	BM048859.D	12/06/2024	07:11
SBLK410	PB165410BL	BM048860.D	12/06/2024	10:20
SBLK412	PB165412BL	BM048861.D	12/06/2024	10:56
BHJ74	P5104-17	BM048862.D	12/06/2024	11:34
BHJ75	P5104-18	BM048863.D	12/06/2024	12:10
BHJ76	P5104-19	BM048864.D	12/06/2024	12:45
BHJ78	P5107-01	BM048865.D	12/06/2024	13:21
BHJ79	P5107-02	BM048866.D	12/06/2024	13:57

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM120524

Lab Code: CHEM

SAS No.: BM120524

SDG NO.: BM120524

Lab File ID: BM048830.D

DFTPP Injection Date: 12/05/2024

Instrument ID: BNA_M

DFTPP Injection Time: 12:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	47.8
68	Less than 2.0% of mass 69	0.7 (1.5) 1
69	Mass 69 relative abundance	47.2
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	50.6
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.1
275	10.0 - 60.0% of mass 198	22.2
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	10.4
442	Greater than 50% of mass 198	63.9
443	15.0 - 24.0% of mass 442	11.9 (18.6) 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
BHJ80	P5107-03	BM048867.D	12/06/2024	14:33
BHJ81	P5107-04	BM048868.D	12/06/2024	15:09
BHJ82	P5107-05	BM048869.D	12/06/2024	15:44
SLCS410	PB165410BS	BM048870.D	12/06/2024	16:20
SLCS412	PB165412BS	BM048871.D	12/06/2024	16:56
SSTD0.4100	SSTDCCC0.4	BM048872.D	12/06/2024	18:07
SBLK418	PB165418BL	BM048873.D	12/06/2024	18:43
SBLK445	PB165445BL	BM048874.D	12/06/2024	19:19
BHJ84	P5107-07	BM048875.D	12/06/2024	19:55
BHJ83	P5107-06	BM048876.D	12/06/2024	20:31
BHJ85	P5107-08	BM048877.D	12/06/2024	21:07
BHJ86	P5107-09	BM048878.D	12/06/2024	21:42
BHJ87	P5107-10	BM048879.D	12/06/2024	22:18
BHJ88	P5107-11	BM048880.D	12/06/2024	22:54
BHJ89	P5107-12	BM048881.D	12/06/2024	23:30
BHJ90	P5107-13	BM048882.D	12/07/2024	00:05
BHJ91	P5107-14	BM048883.D	12/07/2024	00:41
BHJ92	P5107-15	BM048884.D	12/07/2024	01:17

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM120524

Lab Code: CHEM

SAS No.: BM120524 SDG NO.: BM120524

Lab File ID: BM048830.D

DFTPP Injection Date: 12/05/2024

Instrument ID: BNA_M

DFTPP Injection Time: 12:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	47.8
68	Less than 2.0% of mass 69	0.7 (1.5) 1
69	Mass 69 relative abundance	47.2
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	50.6
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.1
275	10.0 - 60.0% of mass 198	22.2
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	10.4
442	Greater than 50% of mass 198	63.9
443	15.0 - 24.0% of mass 442	11.9 (18.6) 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
BHJ93	P5107-16	BM048885.D	12/07/2024	01:53
BHJ94	P5107-17	BM048886.D	12/07/2024	02:28
SLCS418	PB165418BS	BM048887.D	12/07/2024	03:04
SLCS445	PB165445BS	BM048888.D	12/07/2024	03:40
SSTD0.4101	SSTDCCC0.4	BM048889.D	12/07/2024	04:51
SBLK450	PB165450BL	BM048890.D	12/07/2024	10:26
SSTD0.4102	SSTDCCC0.4	BM048891.D	12/07/2024	11:37
SBLK450	PB165450BL	BM048892.D	12/07/2024	12:12
SBLK452	PB165452BL	BM048893.D	12/07/2024	12:48
E1PK0	P5114-04	BM048894.D	12/07/2024	13:24
E1PK0MS	P5114-05MS	BM048895.D	12/07/2024	14:00
E1PK0MSD	P5114-06MSD	BM048896.D	12/07/2024	14:35
BHJ97	P5107-18	BM048897.D	12/07/2024	15:11
BHJ98	P5107-19	BM048898.D	12/07/2024	15:47
E1PJ6	P5114-01	BM048899.D	12/07/2024	16:23
E1PJ7	P5114-02	BM048900.D	12/07/2024	16:58
E1PJ8	P5114-03	BM048901.D	12/07/2024	17:34
SLCS450	PB165450BS	BM048902.D	12/07/2024	18:10

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM120524

Lab Code: CHEM

SAS No.: BM120524

SDG NO.: BM120524

Lab File ID: BM048830.D

DFTPP Injection Date: 12/05/2024

Instrument ID: BNA_M

DFTPP Injection Time: 12:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	47.8
68	Less than 2.0% of mass 69	0.7 (1.5) 1
69	Mass 69 relative abundance	47.2
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	50.6
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.1
275	10.0 - 60.0% of mass 198	22.2
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	10.4
442	Greater than 50% of mass 198	63.9
443	15.0 - 24.0% of mass 442	11.9 (18.6) 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
SLCS452	PB165452BS	BM048903.D	12/07/2024	18:46
SSTD0.4103	SSTDCCC0.4EC	BM048904.D	12/07/2024	19:57