

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM121024 SAS No.: BM121024 SDG No.: BM121024

Instrument ID: BNA_M Calibration Date/Time: 12/10/2024 : 10:10

Lab File ID: BM048915.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4104 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane-d8	0.467	0.535	0.010	14.3838	40.0
1,4-Dioxane	0.541	0.661	0.010	22.1673	40.0
Naphthalene	1.025	1.071	0.600	4.4916	30.0
1-Methylnaphthalene	0.638	0.635	0.300	-0.4426	30.0
2-Methylnaphthalene	0.626	0.618	0.300	-1.3327	30.0
Acenaphthylene	1.689	1.736	0.900	2.755	30.0
Acenaphthene	1.279	1.325	0.500	3.5712	30.0
Fluorene	1.420	1.414	0.700	-0.4388	30.0
Pentachlorophenol	0.082	0.061	0.010	-26.0808	50.0
Phenanthrene	1.096	1.087	0.300	-0.8501	30.0
Anthracene	0.978	0.952	0.400	-2.6359	30.0
Fluoranthene	1.659	1.572	0.400	-5.2388	30.0
Pyrene	1.788	1.680	0.500	-6.0136	30.0
Benzo (a) anthracene	1.408	1.348	0.400	-4.2153	30.0
Chrysene	1.593	1.669	0.400	4.7855	30.0
Benzo (b) fluoranthene	1.382	1.475	0.200	6.7221	30.0
Benzo (k) fluoranthene	1.599	1.680	0.200	5.0537	30.0
Benzo (a) pyrene	1.278	1.262	0.200	-1.2642	30.0
Indeno (1,2,3-cd) pyrene	1.796	1.857	0.200	3.4169	30.0
Dibenzo (a,h) anthracene	1.397	1.426	0.200	2.0445	30.0
Benzo (g,h,i) perylene	1.444	1.544	0.200	6.917	30.0
Fluoranthene-d10	1.195	1.136	0.400	-4.9056	30.0
2-Methylnaphthalene-d10	0.510	0.507	0.300	-0.7047	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.: BM121024 SAS No.: BM121024 SDG No.: BM121024

Instrument ID: BNA_M Calibration Date/Time: 12/10/2024 : 20:21

Lab File ID: BM048931.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4105 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.541	0.662	0.010	22.4369	40.0
1,4-Dioxane-d8	0.467	0.554	0.010	18.5947	40.0
Naphthalene	1.025	1.047	0.600	2.082	30.0
1-Methylnaphthalene	0.638	0.644	0.300	0.9789	30.0
2-Methylnaphthalene	0.626	0.619	0.300	-1.1296	30.0
Acenaphthylene	1.689	1.683	0.900	-0.3641	30.0
Acenaphthene	1.279	1.319	0.500	3.0707	30.0
Fluorene	1.420	1.455	0.700	2.5041	30.0
Pentachlorophenol	0.082	0.055	0.010	-33.5186	50.0
Phenanthrene	1.096	1.074	0.300	-2.0846	30.0
Anthracene	0.978	0.917	0.400	-6.177	30.0
Fluoranthene	1.659	1.628	0.400	-1.8688	30.0
Pyrene	1.788	1.710	0.500	-4.3831	30.0
Benzo (a) anthracene	1.408	1.291	0.400	-8.2821	30.0
Chrysene	1.593	1.702	0.400	6.8627	30.0
Benzo (b) fluoranthene	1.382	1.349	0.200	-2.3754	30.0
Benzo (k) fluoranthene	1.599	1.652	0.200	3.3017	30.0
Benzo (a) pyrene	1.278	1.202	0.200	-5.9985	30.0
Indeno (1,2,3-cd) pyrene	1.796	1.814	0.200	1.0013	30.0
Dibenzo (a,h) anthracene	1.397	1.376	0.200	-1.5435	30.0
Benzo (g,h,i) perylene	1.444	1.443	0.200	-0.1342	30.0
Fluoranthene-d10	1.195	1.182	0.400	-1.0442	30.0
2-Methylnaphthalene-d10	0.510	0.503	0.300	-1.4446	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.: BM121024 SAS No.: BM121024 SDG No.: BM121024

Instrument ID: BNA_M Calibration Date/Time: 12/11/2024 : 07:10

Lab File ID: BM048948.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4106 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane-d8	0.467	0.562	0.010	20.1899	40.0
1,4-Dioxane	0.541	0.597	0.010	10.3875	40.0
Naphthalene	1.025	1.056	0.600	3.0177	30.0
1-Methylnaphthalene	0.638	0.648	0.300	1.6319	30.0
2-Methylnaphthalene	0.626	0.619	0.300	-1.1145	30.0
Acenaphthylene	1.689	1.700	0.900	0.6409	30.0
Acenaphthene	1.279	1.320	0.500	3.1535	30.0
Fluorene	1.420	1.465	0.700	3.1593	30.0
Pentachlorophenol	0.082	0.059	0.010	-28.3629	50.0
Phenanthrene	1.096	1.087	0.300	-0.833	30.0
Anthracene	0.978	0.945	0.400	-3.3624	30.0
Fluoranthene	1.659	1.660	0.400	0.0952	30.0
Pyrene	1.788	1.741	0.500	-2.6015	30.0
Benzo (a) anthracene	1.408	1.317	0.400	-6.4299	30.0
Chrysene	1.593	1.652	0.400	3.7151	30.0
Benzo (b) fluoranthene	1.382	1.342	0.200	-2.8871	30.0
Benzo (k) fluoranthene	1.599	1.657	0.200	3.6387	30.0
Benzo (a) pyrene	1.278	1.243	0.200	-2.7994	30.0
Indeno (1,2,3-cd) pyrene	1.796	1.819	0.200	1.2733	30.0
Dibenzo (a,h) anthracene	1.397	1.380	0.200	-1.2294	30.0
Benzo (g,h,i) perylene	1.444	1.445	0.200	0.0071	30.0
Fluoranthene-d10	1.195	1.202	0.400	0.639	30.0
2-Methylnaphthalene-d10	0.510	0.510	0.300	-0.1087	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.: BM121024 SAS No.: BM121024 SDG No.: BM121024

Instrument ID: BNA_M Calibration Date/Time: 12/11/2024 : 11:41

Lab File ID: BM048951.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4107 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane-d8	0.467	0.470	0.010	0.6361	40.0
1,4-Dioxane	0.541	0.510	0.010	-5.6623	40.0
Naphthalene	1.025	1.023	0.600	-0.248	30.0
1-Methylnaphthalene	0.638	0.662	0.300	3.8025	30.0
2-Methylnaphthalene	0.626	0.643	0.300	2.7283	30.0
Acenaphthylene	1.689	1.689	0.900	-0.0235	30.0
Acenaphthene	1.279	1.294	0.500	1.1644	30.0
Fluorene	1.420	1.411	0.700	-0.5884	30.0
Pentachlorophenol	0.082	0.069	0.010	-16.5041	50.0
Phenanthrene	1.096	1.118	0.300	1.9762	30.0
Anthracene	0.978	1.007	0.400	3.0139	30.0
Fluoranthene	1.659	1.689	0.400	1.793	30.0
Pyrene	1.788	1.809	0.500	1.1748	30.0
Benzo (a) anthracene	1.408	1.446	0.400	2.7162	30.0
Chrysene	1.593	1.594	0.400	0.1164	30.0
Benzo (b) fluoranthene	1.382	1.391	0.200	0.5959	30.0
Benzo (k) fluoranthene	1.599	1.549	0.200	-3.1025	30.0
Benzo (a) pyrene	1.278	1.283	0.200	0.3597	30.0
Indeno (1,2,3-cd) pyrene	1.796	1.749	0.200	-2.5801	30.0
Dibenzo (a,h) anthracene	1.397	1.335	0.200	-4.4898	30.0
Benzo (g,h,i) perylene	1.444	1.360	0.200	-5.8779	30.0
Fluoranthene-d10	1.195	1.242	0.400	3.9702	30.0
2-Methylnaphthalene-d10	0.510	0.532	0.300	4.3749	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.: BM121024 SAS No.: BM121024 SDG No.: BM121024

Instrument ID: BNA_M Calibration Date/Time: 12/11/2024 : 13:54

Lab File ID: BM048954.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4108 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane-d8	0.467	0.449	0.010	-3.8839	50.0
1,4-Dioxane	0.541	0.529	0.010	-2.1927	50.0
Naphthalene	1.025	1.033	0.600	0.7251	50.0
1-Methylnaphthalene	0.638	0.668	0.300	4.6971	50.0
2-Methylnaphthalene	0.626	0.649	0.300	3.6481	50.0
Acenaphthylene	1.689	1.723	0.900	1.9724	50.0
Acenaphthene	1.279	1.311	0.500	2.4833	50.0
Fluorene	1.420	1.402	0.700	-1.2626	50.0
Pentachlorophenol	0.082	0.068	0.010	-17.4418	50.0
Phenanthrene	1.096	1.127	0.300	2.7622	50.0
Anthracene	0.978	1.001	0.400	2.3822	50.0
Fluoranthene	1.659	1.697	0.400	2.2961	50.0
Pyrene	1.788	1.820	0.500	1.7894	50.0
Benzo (a) anthracene	1.408	1.452	0.400	3.1288	50.0
Chrysene	1.593	1.587	0.400	-0.3638	50.0
Benzo (b) fluoranthene	1.382	1.348	0.200	-2.4943	50.0
Benzo (k) fluoranthene	1.599	1.589	0.200	-0.6379	50.0
Benzo (a) pyrene	1.278	1.281	0.200	0.1696	50.0
Indeno (1,2,3-cd) pyrene	1.796	1.760	0.200	-1.9715	50.0
Dibenzo (a,h) anthracene	1.397	1.344	0.200	-3.7811	50.0
Benzo (g,h,i) perylene	1.444	1.358	0.200	-5.9568	50.0
Fluoranthene-d10	1.195	1.252	0.400	4.8077	50.0
2-Methylnaphthalene-d10	0.510	0.535	0.300	4.9099	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	12/7/2024 12:00:00 AM
Project:		Date Received:	12/7/2024 12:00:00 AM
Client Sample ID:	SBLK458	SDG No.:	BM121024
Lab Sample ID:	PB165458BL	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
BM048916.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165458

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	6.13		15-120		77	SPK: -8
93951-69-0	Fluoranthene-d10	0.321		30-130		80	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	3473		7.586			
1146-65-2	Naphthalene-d8	8819		10.352			
15067-26-2	Acenaphthene-d10	4490		14.218			

Report of Analysis

Client:		Date Collected:	12/7/2024 12:00:00 AM
Project:		Date Received:	12/7/2024 12:00:00 AM
Client Sample ID:	SBLK458	SDG No.:	BM121024
Lab Sample ID:	PB165458BL	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
BM048916.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165458

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9154	16.967				
1719-03-5	Chrysene-d12	6615	21.167				
1520-96-3	Perylene-d12	6076	23.329				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/7/2024 12:00:00 AM
Project:		Date Received:	12/7/2024 12:00:00 AM
Client Sample ID:	SBLK460	SDG No.:	BM121024
Lab Sample ID:	PB165460BL	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
BM048917.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165460

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	6.211		15-120		78	SPK: -8
93951-69-0	Fluoranthene-d10	0.326		30-130		81	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.294		30-130		74	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3684	7.586				
1146-65-2	Naphthalene-d8	9400	10.348				
15067-26-2	Acenaphthene-d10	4727	14.22				

Report of Analysis

Client:		Date Collected:	12/7/2024 12:00:00 AM
Project:		Date Received:	12/7/2024 12:00:00 AM
Client Sample ID:	SBLK460	SDG No.:	BM121024
Lab Sample ID:	PB165460BL	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
BM048917.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9900	16.964				
1719-03-5	Chrysene-d12	7127	21.163				
1520-96-3	Perylene-d12	6548	23.329				
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:	BHJ99	SDG No.:	BM121024
Lab Sample ID:	P5107-20	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
BM048918.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165458

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	4.62		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.347		30-130		87	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.274		30-130		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3567		7.586			
1146-65-2	Naphthalene-d8	9493		10.348			
15067-26-2	Acenaphthene-d10	4868		14.22			

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:	BHJ99	SDG No.:	BM121024
Lab Sample ID:	P5107-20	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
BM048918.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165458

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10196	16.964				
1719-03-5	Chrysene-d12	7586	21.163				
1520-96-3	Perylene-d12	6608	23.329				
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:	BHJ99MS	SDG No.:	BM121024
Lab Sample ID:	P5107-21MS	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
BM048919.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165458

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.44		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	0.43		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.47		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.47		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.48		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.54		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.51		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.49		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.49		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.5		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.5		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.54		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.55		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.55		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.52		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.54		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.54		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.56		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.369		15-120		46	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.523	*	30-130		131	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.459		30-130		115	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3273		7.586			
1146-65-2	Naphthalene-d8	8536		10.354			
15067-26-2	Acenaphthene-d10	4269		14.22			

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:	BHJ99MS	SDG No.:	BM121024
Lab Sample ID:	P5107-21MS	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
BM048919.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165458

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8328	16.968				
1719-03-5	Chrysene-d12	7112	21.16				
1520-96-3	Perylene-d12	7290	23.332				
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:	BHJ99MSD	SDG No.:	BM121024
Lab Sample ID:	P5107-22MSD	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
BM048920.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165458

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.85		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	0.32		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.32		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	0.34		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	0.4		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	0.36		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	0.36		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	0.41		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	0.41		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	0.41		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.298		15-120		37	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.385		30-130		96	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	3025	7.586				
1146-65-2	Naphthalene-d8	8146	10.353				
15067-26-2	Acenaphthene-d10	4311	14.22				

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:	BHJ99MSD	SDG No.:	BM121024
Lab Sample ID:	P5107-22MSD	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
BM048920.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165458

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8528	16.968				
1719-03-5	Chrysene-d12	7301	21.163				
1520-96-3	Perylene-d12	7589	23.332				
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:	BHJA2	SDG No.:	BM121024
Lab Sample ID:	P5109-03	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048921.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165460

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	4.63		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.421		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	3519		7.586			
1146-65-2	Naphthalene-d8	9576		10.348			
15067-26-2	Acenaphthene-d10	5197		14.22			

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:	BHJA2	SDG No.:	BM121024
Lab Sample ID:	P5109-03	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
BM048921.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10683	16.964				
1719-03-5	Chrysene-d12	7503	21.163				
1520-96-3	Perylene-d12	6691	23.329				
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:	BHJA2MS	SDG No.:	BM121024
Lab Sample ID:	P5109-04MS	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
BM048922.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.87		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.37		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	0.37		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.38		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	0.59		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	0.41		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	0.4		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.44		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.45		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	0.42		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.43		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.43		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	0.308		15-120		38	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.435		30-130		109	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.385		30-130		96	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3630	7.586				
1146-65-2	Naphthalene-d8	9508	10.348				
15067-26-2	Acenaphthene-d10	5089	14.22				

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:	BHJA2MS	SDG No.:	BM121024
Lab Sample ID:	P5109-04MS	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
BM048922.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10414	16.964				
1719-03-5	Chrysene-d12	8549	21.157				
1520-96-3	Perylene-d12	8774	23.326				
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:	BHJA2MSD	SDG No.:	BM121024
Lab Sample ID:	P5109-05MSD	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
BM048923.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.93		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	0.39		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.4		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	0.63		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.45		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	0.44		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.45		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	0.49		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.5		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.5		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.46		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	0.47		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.49		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.358		15-120		45	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.472		30-130		118	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	3007	7.586				
1146-65-2	Naphthalene-d8	8406	10.353				
15067-26-2	Acenaphthene-d10	4640	14.22				

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:	BHJA2MSD	SDG No.:	BM121024
Lab Sample ID:	P5109-05MSD	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
BM048923.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9609	16.964				
1719-03-5	Chrysene-d12	7837	21.16				
1520-96-3	Perylene-d12	7868	23.329				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/7/2024 12:00:00 AM
Project:		Date Received:	12/7/2024 12:00:00 AM
Client Sample ID:	SLCS460	SDG No.:	BM121024
Lab Sample ID:	PB165460BS	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
BM048924.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.1		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	0.41		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	0.41		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.41		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	0.66		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	0.41		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	0.39		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.45		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	0.46		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.41		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	0.41		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	0.832		15-120		104	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.441		30-130		110	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.435		30-130		109	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2987	7.585				
1146-65-2	Naphthalene-d8	8049	10.348				
15067-26-2	Acenaphthene-d10	4408	14.22				

Report of Analysis

Client:		Date Collected:	12/7/2024 12:00:00 AM
Project:		Date Received:	12/7/2024 12:00:00 AM
Client Sample ID:	SLCS460	SDG No.:	BM121024
Lab Sample ID:	PB165460BS	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
BM048924.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9107	16.964				
1719-03-5	Chrysene-d12	7103	21.16				
1520-96-3	Perylene-d12	7347	23.329				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/7/2024 12:00:00 AM
Project:		Date Received:	12/7/2024 12:00:00 AM
Client Sample ID:	SLCS458	SDG No.:	BM121024
Lab Sample ID:	PB165458BS	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
BM048925.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165458

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	0.34		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	0.33		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	0.34		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	0.56		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	0.33		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	0.32		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.37		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.36		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.37		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	0.35		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	0.37		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.695		15-120		87	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.362		30-130		90	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.356		30-130		89	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3096	7.586				
1146-65-2	Naphthalene-d8	8306	10.352				
15067-26-2	Acenaphthene-d10	4528	14.219				

Report of Analysis

Client:		Date Collected:	12/7/2024 12:00:00 AM
Project:		Date Received:	12/7/2024 12:00:00 AM
Client Sample ID:	SLCS458	SDG No.:	BM121024
Lab Sample ID:	PB165458BS	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
BM048925.D	1	12/7/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165458

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9306	16.967				
1719-03-5	Chrysene-d12	7336	21.161				
1520-96-3	Perylene-d12	7554	23.329				
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:	BHJA0	SDG No.:	BM121024
Lab Sample ID:	P5109-01	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
BM048926.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165472

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	4.917		15-120		61	SPK: -8
93951-69-0	Fluoranthene-d10	0.398		30-130		100	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	3097		7.586			
1146-65-2	Naphthalene-d8	8461		10.348			
15067-26-2	Acenaphthene-d10	4604		14.22			

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:	BHJA0	SDG No.:	BM121024
Lab Sample ID:	P5109-01	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
BM048926.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9580	16.964				
1719-03-5	Chrysene-d12	6761	21.16				
1520-96-3	Perylene-d12	5778	23.326				
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:	BHJA1	SDG No.:	BM121024
Lab Sample ID:	P5109-02	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
BM048927.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165472

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	5.15		15-120		64	SPK: -8
93951-69-0	Fluoranthene-d10	0.425		30-130		106	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.314		30-130		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3400	7.581				
1146-65-2	Naphthalene-d8	9263	10.347				
15067-26-2	Acenaphthene-d10	4999	14.219				

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:	BHJA1	SDG No.:	BM121024
Lab Sample ID:	P5109-02	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
BM048927.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10670	16.963				
1719-03-5	Chrysene-d12	7125	21.161				
1520-96-3	Perylene-d12	6386	23.323				
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:	BHJA3	SDG No.:	BM121024
Lab Sample ID:	P5109-06	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
BM048928.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165472

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	5.097		15-120		64	SPK: -8
93951-69-0	Fluoranthene-d10	0.485		30-130		121	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.374		30-130		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3508	7.581				
1146-65-2	Naphthalene-d8	9688	10.348				
15067-26-2	Acenaphthene-d10	5281	14.215				

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:	BHJA3	SDG No.:	BM121024
Lab Sample ID:	P5109-06	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
BM048928.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11290	16.964				
1719-03-5	Chrysene-d12	7523	21.16				
1520-96-3	Perylene-d12	6495	23.323				
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:	BHJB4	SDG No.:	BM121024
Lab Sample ID:	P5109-08	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
BM048929.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165472

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	4.306		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.393		30-130		98	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.288		30-130		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3901	7.581				
1146-65-2	Naphthalene-d8	10747	10.347				
15067-26-2	Acenaphthene-d10	5675	14.218				

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:	BHJB4	SDG No.:	BM121024
Lab Sample ID:	P5109-08	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
BM048929.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12103	16.963				
1719-03-5	Chrysene-d12	8367	21.161				
1520-96-3	Perylene-d12	7125	23.323				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	SLCS472	SDG No.:	BM121024
Lab Sample ID:	PB165472BS	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
BM048930.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165472

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	0.38		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	0.35		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.36		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	0.37		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.56		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.38		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.36		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	0.37		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	0.41		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	0.4		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.39		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.38		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.37		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	0.756		15-120		94	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.416		30-130		104	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.389		30-130		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3420	7.59				
1146-65-2	Naphthalene-d8	9157	10.352				
15067-26-2	Acenaphthene-d10	4764	14.218				

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	SLCS472	SDG No.:	BM121024
Lab Sample ID:	PB165472BS	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
BM048930.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9677	16.962				
1719-03-5	Chrysene-d12	7592	21.158				
1520-96-3	Perylene-d12	7815	23.326				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	SBLK472	SDG No.:	BM121024
Lab Sample ID:	PB165472BL	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
BM048932.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165472

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	7.139		15-120		89	SPK: -8
93951-69-0	Fluoranthene-d10	0.368		30-130		92	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	3032	7.581				
1146-65-2	Naphthalene-d8	7926	10.347				
15067-26-2	Acenaphthene-d10	4101	14.214				

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	SBLK472	SDG No.:	BM121024
Lab Sample ID:	PB165472BL	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
BM048932.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9147	16.963				
1719-03-5	Chrysene-d12	6449	21.158				
1520-96-3	Perylene-d12	5708	23.32				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	SBLK509	SDG No.:	BM121024
Lab Sample ID:	PB165509BL	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
BM048933.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165509

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	5.869		15-120		73	SPK: -8
93951-69-0	Fluoranthene-d10	0.322		30-130		81	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.288		30-130		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3579	7.581				
1146-65-2	Naphthalene-d8	9232	10.347				
15067-26-2	Acenaphthene-d10	4812	14.218				

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	SBLK509	SDG No.:	BM121024
Lab Sample ID:	PB165509BL	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
BM048933.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165509

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10510	16.962				
1719-03-5	Chrysene-d12	7140	21.158				
1520-96-3	Perylene-d12	6292	23.323				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	SBLK511	SDG No.:	BM121024
Lab Sample ID:	PB165511BL	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
BM048934.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165511

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	7.238		15-120		90	SPK: -8
93951-69-0	Fluoranthene-d10	0.409		30-130		102	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.353		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3499	7.581				
1146-65-2	Naphthalene-d8	9189	10.342				
15067-26-2	Acenaphthene-d10	4842	14.215				

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	SBLK511	SDG No.:	BM121024
Lab Sample ID:	PB165511BL	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
BM048934.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10523	16.96				
1719-03-5	Chrysene-d12	7050	21.157				
1520-96-3	Perylene-d12	6379	23.32				
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:	BHPD8	SDG No.:	BM121024
Lab Sample ID:	P5109-09	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
BM048935.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165509

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	5.226		15-120		65	SPK: -8
93951-69-0	Fluoranthene-d10	0.453		30-130		113	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.314		30-130		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4094	7.582				
1146-65-2	Naphthalene-d8	11275	10.343				
15067-26-2	Acenaphthene-d10	5889	14.215				

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:	BHPD8	SDG No.:	BM121024
Lab Sample ID:	P5109-09	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
BM048935.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165509

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12299	16.96				
1719-03-5	Chrysene-d12	8157	21.157				
1520-96-3	Perylene-d12	7223	23.317				
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:	BHPD9	SDG No.:	BM121024
Lab Sample ID:	P5109-10	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
BM048936.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165509

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	5.037		15-120		63	SPK: -8
93951-69-0	Fluoranthene-d10	0.432		30-130		108	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.289		30-130		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4323	7.581				
1146-65-2	Naphthalene-d8	11806	10.347				
15067-26-2	Acenaphthene-d10	6047	14.214				

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:	BHPD9	SDG No.:	BM121024
Lab Sample ID:	P5109-10	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
BM048936.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165509

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13681	16.963				
1719-03-5	Chrysene-d12	10426	21.155				
1520-96-3	Perylene-d12	8597	23.318				
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:	BHPE0	SDG No.:	BM121024
Lab Sample ID:	P5109-11	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048937.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165509

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.12	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	5.373		15-120		67	SPK: -8
93951-69-0	Fluoranthene-d10	0.454		30-130		113	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.309		30-130		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5390		7.582			
1146-65-2	Naphthalene-d8	14928		10.343			
15067-26-2	Acenaphthene-d10	7319		14.215			

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:	BHPE0	SDG No.:	BM121024
Lab Sample ID:	P5109-11	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
BM048937.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165509

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14947	16.96				
1719-03-5	Chrysene-d12	9654	21.158				
1520-96-3	Perylene-d12	8228	23.32				
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:	BHPE1	SDG No.:	BM121024
Lab Sample ID:	P5109-12	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
BM048938.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165509

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	5.863		15-120		73	SPK: -8
93951-69-0	Fluoranthene-d10	0.413		30-130		103	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	4436	7.581				
1146-65-2	Naphthalene-d8	12344	10.343				
15067-26-2	Acenaphthene-d10	6227	14.215				

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:	BHPE1	SDG No.:	BM121024
Lab Sample ID:	P5109-12	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
BM048938.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165509

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13331	16.96				
1719-03-5	Chrysene-d12	9938	21.157				
1520-96-3	Perylene-d12	7807	23.32				
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:	BHJA4	SDG No.:	BM121024
Lab Sample ID:	P5109-15	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
BM048939.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165509

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	5.078		15-120		63	SPK: -8
93951-69-0	Fluoranthene-d10	0.395		30-130		99	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.253		30-130		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5344	7.581				
1146-65-2	Naphthalene-d8	14960	10.343				
15067-26-2	Acenaphthene-d10	7478	14.215				

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:	BHJA4	SDG No.:	BM121024
Lab Sample ID:	P5109-15	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
BM048939.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165509

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15421	16.96				
1719-03-5	Chrysene-d12	9845	21.157				
1520-96-3	Perylene-d12	8737	23.32				
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:	BHJA5	SDG No.:	BM121024
Lab Sample ID:	P5109-16	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
BM048940.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165511

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	4.925		15-120		62	SPK: -8
93951-69-0	Fluoranthene-d10	0.42		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.251		30-130		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5057	7.581				
1146-65-2	Naphthalene-d8	14039	10.347				
15067-26-2	Acenaphthene-d10	7001	14.214				

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:	BHJA5	SDG No.:	BM121024
Lab Sample ID:	P5109-16	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
BM048940.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14400	16.958				
1719-03-5	Chrysene-d12	9583	21.155				
1520-96-3	Perylene-d12	8547	23.318				
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:	BHJA6	SDG No.:	BM121024
Lab Sample ID:	P5109-17	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
BM048941.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.09	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	5.903		15-120		74	SPK: -8
93951-69-0	Fluoranthene-d10	0.426		30-130		106	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.275		30-130		69	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4951	7.581				
1146-65-2	Naphthalene-d8	13629	10.343				
15067-26-2	Acenaphthene-d10	6836	14.215				

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:	BHJA6	SDG No.:	BM121024
Lab Sample ID:	P5109-17	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
BM048941.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13908	16.96				
1719-03-5	Chrysene-d12	9456	21.155				
1520-96-3	Perylene-d12	8089	23.317				
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:	BHJA7	SDG No.:	BM121024
Lab Sample ID:	P5109-18	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
BM048942.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165511

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	5.634		15-120		70	SPK: -8
93951-69-0	Fluoranthene-d10	0.42		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.278		30-130		69	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5016	7.581				
1146-65-2	Naphthalene-d8	13848	10.343				
15067-26-2	Acenaphthene-d10	7104	14.215				

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:	BHJA7	SDG No.:	BM121024
Lab Sample ID:	P5109-18	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
BM048942.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14493	16.96				
1719-03-5	Chrysene-d12	10022	21.154				
1520-96-3	Perylene-d12	8706	23.314				
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:	BHJA8	SDG No.:	BM121024
Lab Sample ID:	P5109-19	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
BM048943.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165511

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	5.401		15-120		68	SPK: -8
93951-69-0	Fluoranthene-d10	0.46		30-130		115	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	4969	7.582				
1146-65-2	Naphthalene-d8	13725	10.342				
15067-26-2	Acenaphthene-d10	6874	14.214				

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:	BHJA8	SDG No.:	BM121024
Lab Sample ID:	P5109-19	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
BM048943.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14137	16.959				
1719-03-5	Chrysene-d12	9141	21.155				
1520-96-3	Perylene-d12	8340	23.315				
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:	BHPE3	SDG No.:	BM121024
Lab Sample ID:	P5109-20	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048944.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165511

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	5.439		15-120		68	SPK: -8
93951-69-0	Fluoranthene-d10	0.471		30-130		118	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.318		30-130		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4833	7.581				
1146-65-2	Naphthalene-d8	13500	10.343				
15067-26-2	Acenaphthene-d10	6896	14.215				

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:	BHPE3	SDG No.:	BM121024
Lab Sample ID:	P5109-20	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
BM048944.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14030	16.96				
1719-03-5	Chrysene-d12	8953	21.155				
1520-96-3	Perylene-d12	8313	23.317				
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:	BHJB3	SDG No.:	BM121024
Lab Sample ID:	P5109-07	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
BM048945.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165472

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	6.145		15-120		77	SPK: -8
93951-69-0	Fluoranthene-d10	0.488		30-130		122	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	4452	7.581				
1146-65-2	Naphthalene-d8	12242	10.341				
15067-26-2	Acenaphthene-d10	6194	14.214				

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:	BHJB3	SDG No.:	BM121024
Lab Sample ID:	P5109-07	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
BM048945.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12561	16.958				
1719-03-5	Chrysene-d12	8123	21.155				
1520-96-3	Perylene-d12	7093	23.317				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	SLCS509	SDG No.:	BM121024
Lab Sample ID:	PB165509BS	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
BM048946.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165509

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.9		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.37		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	0.34		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	0.36		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.59		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.36		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	0.36		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	0.39		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.39		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	0.36		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.37		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	0.38		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.764		15-120		95	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.412		30-130		103	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.376		30-130		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4752	7.581				
1146-65-2	Naphthalene-d8	12824	10.348				
15067-26-2	Acenaphthene-d10	6520	14.215				

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	SLCS509	SDG No.:	BM121024
Lab Sample ID:	PB165509BS	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
BM048946.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165509

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12841	16.96				
1719-03-5	Chrysene-d12	9143	21.154				
1520-96-3	Perylene-d12	9557	23.32				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	SLCS511	SDG No.:	BM121024
Lab Sample ID:	PB165511BS	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
BM048947.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165511

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	0.36		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	0.34		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	0.36		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.57		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.36		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	0.37		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	0.33		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	0.38		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	0.36		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.38		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.37		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.38		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.723		15-120		90	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.394		30-130		98	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.376		30-130		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3826	7.581				
1146-65-2	Naphthalene-d8	10386	10.348				
15067-26-2	Acenaphthene-d10	5559	14.215				

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	SLCS511	SDG No.:	BM121024
Lab Sample ID:	PB165511BS	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
BM048947.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165511

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11618	16.96				
1719-03-5	Chrysene-d12	8669	21.154				
1520-96-3	Perylene-d12	9253	23.32				
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:	SBLK441	SDG No.:	BM121024
Lab Sample ID:	PB165441BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048949.D	1	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.89	U	0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	0.2	U	0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.52	U	0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.19	U	0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.33	U	0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.18	U	0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.22	U	0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	2	U	2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.18	U	0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.17	U	0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.18	U	0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.24	U	0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.09	U	0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.25	U	0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.47	U	0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.32	U	0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.32	U	0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.47	U	0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.75	U	0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.759		15-120		72	SPK: -8
93951-69-0	Fluoranthene-d10	0.332		30-130		83	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.304		20-140		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4106	7.581				
1146-65-2	Naphthalene-d8	10890	10.341				
15067-26-2	Acenaphthene-d10	5836	14.214				

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:	SBLK441	SDG No.:	BM121024
Lab Sample ID:	PB165441BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048949.D	1	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13076	16.958				
1719-03-5	Chrysene-d12	8804	21.158				
1520-96-3	Perylene-d12	8391	23.32				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

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:	E28M3	SDG No.:	BM121024
Lab Sample ID:	P5066-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048950.D	1	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.99	U	0.99	0	7.4	ug/Kg
91-20-3	Naphthalene	0.22	U	0.22	0.91	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	0.58	U	0.58	0.91	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.91	3.7	ug/Kg
208-96-8	Acenaphthylene	0.37	U	0.37	0.91	3.7	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.91	3.7	ug/Kg
86-73-7	Fluorene	0.24	U	0.24	0.91	3.7	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.9	7.4	ug/Kg
85-01-8	Phenanthrene	0.96	J	0.2	0.91	3.7	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.91	3.7	ug/Kg
206-44-0	Fluoranthene	0.2	U	0.2	0.91	3.7	ug/Kg
129-00-0	Pyrene	0.27	U	0.27	0.91	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	0.1	U	0.1	0.91	3.7	ug/Kg
218-01-9	Chrysene	0.28	U	0.28	0.91	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.52	U	0.52	0.91	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.35	U	0.35	0.91	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	0.35	U	0.35	0.91	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.58	U	0.58	0.91	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.52	U	0.52	0.91	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.83	U	0.83	0.91	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.992		15-120		87	SPK: -8
93951-69-0	Fluoranthene-d10	0.474		30-130		118	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.428		20-140		107	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4624		7.577			
1146-65-2	Naphthalene-d8	12797		10.341			
15067-26-2	Acenaphthene-d10	6803		14.209			

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:	E28M3	SDG No.:	BM121024
Lab Sample ID:	P5066-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048950.D	1	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14559	16.958				
1719-03-5	Chrysene-d12	10462	21.152				
1520-96-3	Perylene-d12	9527	23.315				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/Kg

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:	SBLK441	SDG No.:	BM121024
Lab Sample ID:	PB165441BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048952.D	1	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.89	U	0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	0.2	U	0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.52	U	0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.19	U	0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.33	U	0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.18	U	0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.22	U	0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	2	U	2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.18	U	0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.17	U	0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.18	U	0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.24	U	0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.09	U	0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.25	U	0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.47	U	0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.32	U	0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.32	U	0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.47	U	0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.75	U	0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.665		15-120		71	SPK: -8
93951-69-0	Fluoranthene-d10	0.324		30-130		81	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.31		20-140		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6321	7.577				
1146-65-2	Naphthalene-d8	18364	10.342				
15067-26-2	Acenaphthene-d10	9619	14.21				

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:	SBLK441	SDG No.:	BM121024
Lab Sample ID:	PB165441BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048952.D	1	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19887	16.96				
1719-03-5	Chrysene-d12	13461	21.154				
1520-96-3	Perylene-d12	13322	23.317				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

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:	E28N1	SDG No.:	BM121024
Lab Sample ID:	P5066-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.4
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048953.D	1	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.97	U	0.97	0	7.3	ug/Kg
91-20-3	Naphthalene	3.8		0.22	0.9	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	16		0.57	0.9	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	20		0.21	0.9	3.6	ug/Kg
208-96-8	Acenaphthylene	0.87	J	0.36	0.9	3.6	ug/Kg
83-32-9	Acenaphthene	0.91	J	0.2	0.9	3.6	ug/Kg
86-73-7	Fluorene	1.4	J	0.24	0.9	3.6	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.8	7.3	ug/Kg
85-01-8	Phenanthrene	22		0.2	0.9	3.6	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.9	3.6	ug/Kg
206-44-0	Fluoranthene	1.5	J	0.2	0.9	3.6	ug/Kg
129-00-0	Pyrene	2.8	J	0.26	0.9	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	2.7	J	0.1	0.9	3.6	ug/Kg
218-01-9	Chrysene	2.9	J	0.27	0.9	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	2.3	J	0.51	0.9	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.35	U	0.35	0.9	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	0.35	U	0.35	0.9	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.57	U	0.57	0.9	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.51	U	0.51	0.9	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5.3		0.82	0.9	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.923		15-120		62	SPK: -8
93951-69-0	Fluoranthene-d10	0.488		30-130		122	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.458		20-140		114	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6683		7.577			
1146-65-2	Naphthalene-d8	20420		10.343			
15067-26-2	Acenaphthene-d10	12425		14.211			

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:	E28N1	SDG No.:	BM121024
Lab Sample ID:	P5066-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048953.D	1	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	27975	16.96				
1719-03-5	Chrysene-d12	19797	21.155				
1520-96-3	Perylene-d12	18614	23.317				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.97	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM121024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : E28M3								
P5066-04	E28M3	Solid	Total Alkanes	*	0.000	0.99	7.4	ug/Kg
			Total Tics :			0.00		
P5066-04	E28M3	Solid	Phenanthrene		0.960	J 0.2	3.7	ug/Kg
			Total Svoc :			0.96		
			Total Concentration:			0.96		
Client ID : E28N1								
P5066-13	E28N1	Solid	Total Alkanes	*	0.000	0.97	7.3	ug/Kg
			Total Tics :			0.00		
P5066-13	E28N1	Solid	1-Methylnaphthalene		16.000	0.57	3.6	ug/Kg
P5066-13	E28N1	Solid	2-Methylnaphthalene		20.000	0.21	3.6	ug/Kg
P5066-13	E28N1	Solid	Acenaphthene		0.910	J 0.2	3.6	ug/Kg
P5066-13	E28N1	Solid	Acenaphthylene		0.870	J 0.36	3.6	ug/Kg
P5066-13	E28N1	Solid	Benzo(a)anthracene		2.700	J 0.1	3.6	ug/Kg
P5066-13	E28N1	Solid	Benzo(b)fluoranthene		2.300	J 0.51	3.6	ug/Kg
P5066-13	E28N1	Solid	Benzo(g,h,i)perylene		5.300	0.82	3.6	ug/Kg
P5066-13	E28N1	Solid	Chrysene		2.900	J 0.27	3.6	ug/Kg
P5066-13	E28N1	Solid	Fluoranthene		1.500	J 0.2	3.6	ug/Kg
P5066-13	E28N1	Solid	Fluorene		1.400	J 0.24	3.6	ug/Kg
P5066-13	E28N1	Solid	Naphthalene		3.800	0.22	3.6	ug/Kg
P5066-13	E28N1	Solid	Phenanthrene		22.000	0.2	3.6	ug/Kg
P5066-13	E28N1	Solid	Pyrene		2.800	J 0.26	3.6	ug/Kg
			Total Svoc :			82.48		
			Total Concentration:			82.48		
Client ID : BHJ99								
P5107-20	BHJ99	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : BHJA0								
P5109-01	BHJA0	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : BHJA1								
P5109-02	BHJA1	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		

Hit Summary Sheet SW-846

SDG No.: BM121024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : BHJA2								
P5109-03	BHJA2	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : BHJA3								
P5109-06	BHJA3	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : BHJB3								
P5109-07	BHJB3	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P5109-07	BHJB3	Water	1,4-Dioxane		0.100	J 0.029	0.2	ug/L
			Total Svoc :			0.10		
			Total Concentration:			0.10		
Client ID : BHJB4								
P5109-08	BHJB4	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P5109-08	BHJB4	Water	1,4-Dioxane		0.100	J 0.029	0.2	ug/L
			Total Svoc :			0.10		
			Total Concentration:			0.10		
Client ID : BHPD8								
P5109-09	BHPD8	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : BHPD9								
P5109-10	BHPD9	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P5109-10	BHPD9	Water	1,4-Dioxane		0.100	J 0.029	0.2	ug/L
			Total Svoc :			0.10		
			Total Concentration:			0.10		
Client ID : BHPE0								
P5109-11	BHPE0	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P5109-11	BHPE0	Water	1,4-Dioxane		0.120	J 0.029	0.2	ug/L
			Total Svoc :			0.12		
			Total Concentration:			0.12		
Client ID : BHPE1								
P5109-12	BHPE1	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L

Hit Summary Sheet
SW-846

SDG No.: BM121024

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
			Total Tics :				0.00		
			Total Concentration:				0.00		
Client ID :	BHJA4								
P5109-15	BHJA4	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
			Total Tics :				0.00		
			Total Concentration:				0.00		
Client ID :	BHJA5								
P5109-16	BHJA5	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
			Total Tics :				0.00		
			Total Concentration:				0.00		
Client ID :	BHJA6								
P5109-17	BHJA6	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
			Total Tics :				0.00		
P5109-17	BHJA6	Water	1,4-Dioxane		0.090	J	0.029	0.2	ug/L
			Total Svoc :				0.09		
			Total Concentration:				0.09		
Client ID :	BHJA7								
P5109-18	BHJA7	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
			Total Tics :				0.00		
P5109-18	BHJA7	Water	1,4-Dioxane		0.100	J	0.029	0.2	ug/L
			Total Svoc :				0.10		
			Total Concentration:				0.10		
Client ID :	BHJA8								
P5109-19	BHJA8	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
			Total Tics :				0.00		
			Total Concentration:				0.00		
Client ID :	BHPE3								
P5109-20	BHPE3	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.: BM120924 SAS No.: BM120924 SDG No.: BM120924
Instrument ID: _____ Calibration Date(s): 12/9/2024 : _____
Calibration Time(s): 14:18 _____

LAB FILE ID:		RRFAL1 = BM048907.D			RRFAL2 = BM048908.D		RRFAL3 = BM048909.D	
		RRFAL4 = BM048910.D			RRFAL5 = BM048911.D		RRFAL6 = BM048912.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.554	0.612	0.519	0.513	0.507	0.541	8.0
1,4-Dioxane-d8		0.444	0.512	0.464	0.463	0.455	0.467	5.6
Naphthalene	1.053	1.010	1.126	0.975	0.964		1.025	6.4
1-Methylnaphthalene	0.649	0.626	0.709	0.607	0.599		0.638	6.9
2-Methylnaphthalene	0.646	0.604	0.691	0.598	0.592		0.626	6.7
Acenaphthylene	1.721	1.644	1.864	1.616	1.603		1.689	6.4
Acenaphthene	1.311	1.233	1.422	1.222	1.208		1.279	7.0
Fluorene	1.447	1.329	1.577	1.381	1.366		1.420	6.9
Pentachlorophenol		0.071	0.084	0.077	0.087	0.092	0.082	10.0
Phenanthrene	1.120	1.053	1.193	1.061	1.054		1.096	5.6
Anthracene	0.979	0.933	1.057	0.956	0.963		0.978	4.9
Fluoranthene	1.723	1.691	1.864	1.543	1.472		1.659	9.3
Pyrene	1.923	1.819	1.998	1.637	1.563		1.788	10.3
Benzo(a)anthracene	1.462	1.344	1.520	1.343	1.369		1.408	5.7
Chrysene	1.609	1.585	1.781	1.517	1.472		1.593	7.5
Benzo(b)fluoranthene	1.371	1.323	1.476	1.343	1.399		1.382	4.3
Benzo(k)fluoranthene	1.573	1.615	1.794	1.531	1.482		1.599	7.5
Benzo(a)pyrene	1.284	1.271	1.374	1.227	1.236		1.278	4.6
Indeno(1,2,3-cd)pyrene	1.695	1.689	2.060	1.748	1.785		1.796	8.5
Dibenzo(a,h)anthracene	1.339	1.308	1.585	1.363	1.392		1.397	7.8
Benzo(g,h,i)perylene	1.390	1.398	1.586	1.417	1.431		1.444	5.6
Fluoranthene-d10	1.240	1.231	1.351	1.106	1.046		1.195	10.1
2-Methylnaphthalene-d10	0.516	0.497	0.564	0.490	0.484		0.510	6.4

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.: BM121024 SAS No.: BM121024 SDG NO.: BM121024

EPA Sample No.: SSTD0.4008

Date Analyzed: Dec 10 2024 12:00AM

Lab File ID: BM048909.D

Time Analyzed: 10:45

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	3702	7.586	9933	10.35	5287	14.22
	UPPER LIMIT	7404	8.086	19866	10.852	10574	14.723
	LOWER LIMIT	1851	7.086	4966.5	9.852	2643.5	13.723
	EPA SAMPLE NO.						
01	SBLK458	3473	7.59	8819	10.35	4490	14.22
02	SBLK460	3684	7.59	9400	10.35	4727	14.22
03	BHJ99	3567	7.59	9493	10.35	4868	14.22
04	BHJ99MS	3273	7.59	8536	10.35	4269	14.22
05	BHJ99MSD	3025	7.59	8146	10.35	4311	14.22
06	BHJA2	3519	7.59	9576	10.35	5197	14.22
07	BHJA2MS	3630	7.59	9508	10.35	5089	14.22
08	BHJA2MSD	3007	7.59	8406	10.35	4640	14.22
09	SLCS460	2987	7.59	8049	10.35	4408	14.22
10	SLCS458	3096	7.59	8306	10.35	4528	14.22
11	BHJA0	3097	7.59	8461	10.35	4604	14.22
12	BHJA1	3400	7.58	9263	10.35	4999	14.22
13	BHJA3	3508	7.58	9688	10.35	5281	14.22
14	BHJB4	3901	7.58	10747	10.35	5675	14.22
15	SLCS472	3420	7.59	9157	10.35	4764	14.22
16	SBLK472	3032	7.58	7926	10.35	4101	14.21
17	SBLK509	3579	7.58	9232	10.35	4812	14.22
18	SBLK511	3499	7.58	9189	10.34	4842	14.22
19	BHPD8	4094	7.58	11275	10.34	5889	14.22
20	BHPD9	4323	7.58	11806	10.35	6047	14.21
21	BHPE0	5390	7.58	14928	10.34	7319	14.22
22	BHPE1	4436	7.58	12344	10.34	6227	14.22
23	BHJA4	5344	7.58	14960	10.34	7478	14.22

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM121024 SAS No.: BM121024 SDG NO.: BM121024

EPA Sample No.: SSTD0.4008 Date Analyzed: Dec 11 2024 12:00AM

Lab File ID: BM048909.D Time Analyzed: 01:45

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	3702	7.586	9933	10.35	5287	14.22
UPPER LIMIT	7404	8.086	19866	10.852	10574	14.723
LOWER LIMIT	1851	7.086	4966.5	9.852	2643.5	13.723
EPA SAMPLE NO.						
24 BHJA5	5057	7.58	14039	10.35	7001	14.21
25 BHJA6	4951	7.58	13629	10.34	6836	14.22
26 BHJA7	5016	7.58	13848	10.34	7104	14.22
27 BHJA8	4969	7.58	13725	10.34	6874	14.21
28 BHPE3	4833	7.58	13500	10.34	6896	14.22
29 BHJB3	4452	7.58	12242	10.34	6194	14.21
30 SLCS509	4752	7.58	12824	10.35	6520	14.22
31 SLCS511	3826	7.58	10386	10.35	5559	14.22
32 SBLK441	4106	7.58	10890	10.34	5836	14.21
33 E28M3	4624	7.58	12797	10.34	6803	14.21
34 SBLK441	6321	7.58	18364	10.34	9619	14.21
35 E28N1	6683	7.58	20420 *	10.34	12425 *	14.21

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.: BM121024 SAS No.: BM121024 SDG NO.: BM121024

EPA Sample No.: SSTD0.4104 Date Analyzed: Dec 10 2024 12:00AM

Lab File ID: BM048915.D Time Analyzed: 10:45

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	3123	7.59	8146	10.35	4144	14.22
	UPPER LIMIT	6246	8.09	16292	10.852	8288	14.719
	LOWER LIMIT	1561.5	7.09	4073	9.852	2072	13.719
	EPA SAMPLE NO.						
01	SBLK458	3473	7.59	8819	10.35	4490	14.22
02	SBLK460	3684	7.59	9400	10.35	4727	14.22
03	BHJ99	3567	7.59	9493	10.35	4868	14.22
04	BHJ99MS	3273	7.59	8536	10.35	4269	14.22
05	BHJ99MSD	3025	7.59	8146	10.35	4311	14.22
06	BHJA2	3519	7.59	9576	10.35	5197	14.22
07	BHJA2MS	3630	7.59	9508	10.35	5089	14.22
08	BHJA2MSD	3007	7.59	8406	10.35	4640	14.22
09	SLCS460	2987	7.59	8049	10.35	4408	14.22
10	SLCS458	3096	7.59	8306	10.35	4528	14.22
11	BHJA0	3097	7.59	8461	10.35	4604	14.22
12	BHJA1	3400	7.58	9263	10.35	4999	14.22
13	BHJA3	3508	7.58	9688	10.35	5281	14.22
14	BHJB4	3901	7.58	10747	10.35	5675	14.22
15	SLCS472	3420	7.59	9157	10.35	4764	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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM121024 SAS No.: BM121024 SDG NO.: BM121024

EPA Sample No.: SSTD0.4105 Date Analyzed: Dec 10 2024 12:00AM

Lab File ID: BM048931.D Time Analyzed: 20:57

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	3252	7.586	8601	10.35	4607	14.22
	UPPER LIMIT	6504	8.086	17202	10.848	9214	14.72
	LOWER LIMIT	1626	7.086	4300.5	9.848	2303.5	13.72
	EPA SAMPLE NO.						
01	SBLK472	3032	7.58	7926	10.35	4101	14.21
02	SBLK509	3579	7.58	9232	10.35	4812	14.22
03	SBLK511	3499	7.58	9189	10.34	4842	14.22
04	BHPD8	4094	7.58	11275	10.34	5889	14.22
05	BHPD9	4323	7.58	11806	10.35	6047	14.21
06	BHPE0	5390	7.58	14928	10.34	7319	14.22
07	BHPE1	4436	7.58	12344	10.34	6227	14.22
08	BHJA4	5344	7.58	14960	10.34	7478	14.22
09	BHJA5	5057	7.58	14039	10.35	7001	14.21
10	BHJA6	4951	7.58	13629	10.34	6836	14.22
11	BHJA7	5016	7.58	13848	10.34	7104	14.22
12	BHJA8	4969	7.58	13725	10.34	6874	14.21
13	BHPE3	4833	7.58	13500	10.34	6896	14.22
14	BHJB3	4452	7.58	12242	10.34	6194	14.21
15	SLCS509	4752	7.58	12824	10.35	6520	14.22
16	SLCS511	3826	7.58	10386	10.35	5559	14.22

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM121024 SAS No.: BM121024 SDG NO.: BM121024

EPA Sample No.: SSTD0.4105 Date Analyzed: Dec 11 2024 12:00AM

Lab File ID: BM048931.D Time Analyzed: 05:58

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	3252	7.586	8601	10.35	4607	14.22
UPPER LIMIT	6504	8.086	17202	10.848	9214	14.72
LOWER LIMIT	1626	7.086	4300.5	9.848	2303.5	13.72
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.: BM121024 SAS No.: BM121024 SDG NO.: BM121024

EPA Sample No.: SSTD0.4106 Date Analyzed: Dec 11 2024 12:00AM

Lab File ID: BM048948.D Time Analyzed: 08:56

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	3967	7.586	10580	10.34	5552	14.22
UPPER LIMIT	7934	8.086	21160	10.843	11104	14.715
LOWER LIMIT	1983.5	7.086	5290	9.843	2776	13.715
EPA SAMPLE NO.						
01 SBLK441	4106	7.58	10890	10.34	5836	14.21
02 E28M3	4624	7.58	12797	10.34	6803	14.21

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.: BM121024 SAS No.: BM121024 SDG NO.: BM121024

EPA Sample No.: SSTD0.4107 Date Analyzed: Dec 11 2024 12:00AM

Lab File ID: BM048951.D Time Analyzed: 12:20

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	6570	7.582	19434	10.34	10552	14.21
UPPER LIMIT	13140	8.082	38868	10.841	21104	14.714
LOWER LIMIT	3285	7.082	9717	9.841	5276	13.714
EPA SAMPLE NO.						
01 SBLK441	6321	7.58	18364	10.34	9619	14.21
02 E28N1	6683	7.58	20420	10.34	12425	14.21

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.: BM121024 SAS No.: BM121024 SDG NO.: BM121024

EPA Sample No.: SSTD0.4008 Date Analyzed: Dec 10 2024 12:00AM

Lab File ID: BM048909.D Time Analyzed: 10:45

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	10936	16.967	8330	21.164	9341	23.335
	UPPER LIMIT	21872	17.467	16660	21.664	18682	23.835
	LOWER LIMIT	5468	16.467	4165	20.664	4670.5	22.835
	EPA SAMPLE NO.						
01	SBLK458	9154	16.97	6615	21.17	6076	23.33
02	SBLK460	9900	16.96	7127	21.16	6548	23.33
03	BHJ99	10196	16.96	7586	21.16	6608	23.33
04	BHJ99MS	8328	16.97	7112	21.16	7290	23.33
05	BHJ99MSD	8528	16.97	7301	21.16	7589	23.33
06	BHJA2	10683	16.96	7503	21.16	6691	23.33
07	BHJA2MS	10414	16.96	8549	21.16	8774	23.33
08	BHJA2MSD	9609	16.96	7837	21.16	7868	23.33
09	SLCS460	9107	16.96	7103	21.16	7347	23.33
10	SLCS458	9306	16.97	7336	21.16	7554	23.33
11	BHJA0	9580	16.96	6761	21.16	5778	23.33
12	BHJA1	10670	16.96	7125	21.16	6386	23.32
13	BHJA3	11290	16.96	7523	21.16	6495	23.32
14	BHJB4	12103	16.96	8367	21.16	7125	23.32
15	SLCS472	9677	16.96	7592	21.16	7815	23.33
16	SBLK472	9147	16.96	6449	21.16	5708	23.32
17	SBLK509	10510	16.96	7140	21.16	6292	23.32
18	SBLK511	10523	16.96	7050	21.16	6379	23.32
19	BHPD8	12299	16.96	8157	21.16	7223	23.32
20	BHPD9	13681	16.96	10426	21.16	8597	23.32
21	BHPE0	14947	16.96	9654	21.16	8228	23.32

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM121024 SAS No.: BM121024 SDG NO.: BM121024

EPA Sample No.: SSTD0.4008 Date Analyzed: Dec 11 2024 12:00AM

Lab File ID: BM048909.D Time Analyzed: 00:33

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	10936	16.967	8330	21.164	9341	23.335
UPPER LIMIT	21872	17.467	16660	21.664	18682	23.835
LOWER LIMIT	5468	16.467	4165	20.664	4670.5	22.835
EPA SAMPLE NO.						
22 BHPE1	13331	16.96	9938	21.16	7807	23.32
23 BHJA4	15421	16.96	9845	21.16	8737	23.32
24 BHJA5	14400	16.96	9583	21.16	8547	23.32
25 BHJA6	13908	16.96	9456	21.16	8089	23.32
26 BHJA7	14493	16.96	10022	21.15	8706	23.31
27 BHJA8	14137	16.96	9141	21.16	8340	23.32
28 BHPE3	14030	16.96	8953	21.16	8313	23.32
29 BHJB3	12561	16.96	8123	21.16	7093	23.32
30 SLCS509	12841	16.96	9143	21.15	9557	23.32
31 SLCS511	11618	16.96	8669	21.15	9253	23.32
32 SBLK441	13076	16.96	8804	21.16	8391	23.32
33 E28M3	14559	16.96	10462	21.15	9527	23.32
34 SBLK441	19887	16.96	13461	21.15	13322	23.32
35 E28N1	27975 *	16.96	19797 *	21.16	18614	23.32

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.: BM121024 SAS No.: BM121024 SDG NO.: BM121024

EPA Sample No.: SSTD0.4104 Date Analyzed: Dec 10 2024 12:00AM

Lab File ID: BM048915.D Time Analyzed: 10:45

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	8277	16.967	6709	21.164	7287	23.329
	UPPER LIMIT	16554	17.467	13418	21.664	14574	23.829
	LOWER LIMIT	4138.5	16.467	3354.5	20.664	3643.5	22.829
	EPA SAMPLE NO.						
01	SBLK458	9154	16.97	6615	21.17	6076	23.33
02	SBLK460	9900	16.96	7127	21.16	6548	23.33
03	BHJ99	10196	16.96	7586	21.16	6608	23.33
04	BHJ99MS	8328	16.97	7112	21.16	7290	23.33
05	BHJ99MSD	8528	16.97	7301	21.16	7589	23.33
06	BHJA2	10683	16.96	7503	21.16	6691	23.33
07	BHJA2MS	10414	16.96	8549	21.16	8774	23.33
08	BHJA2MSD	9609	16.96	7837	21.16	7868	23.33
09	SLCS460	9107	16.96	7103	21.16	7347	23.33
10	SLCS458	9306	16.97	7336	21.16	7554	23.33
11	BHJA0	9580	16.96	6761	21.16	5778	23.33
12	BHJA1	10670	16.96	7125	21.16	6386	23.32
13	BHJA3	11290	16.96	7523	21.16	6495	23.32
14	BHJB4	12103	16.96	8367	21.16	7125	23.32
15	SLCS472	9677	16.96	7592	21.16	7815	23.33

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM121024 SAS No.: BM121024 SDG NO.: BM121024

EPA Sample No.: SSTD0.4104 Date Analyzed: Dec 10 2024 12:00AM

Lab File ID: BM048915.D Time Analyzed: 19:09

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	8277	16.967	6709	21.164	7287	23.329
UPPER LIMIT	16554	17.467	13418	21.664	14574	23.829
LOWER LIMIT	4138.5	16.467	3354.5	20.664	3643.5	22.829
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.: BM121024 SAS No.: BM121024 SDG NO.: BM121024

EPA Sample No.: SSTD0.4105 Date Analyzed: Dec 10 2024 12:00AM

Lab File ID: BM048931.D Time Analyzed: 20:57

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	9623	16.964	7534	21.157	8467	23.323
	UPPER LIMIT	19246	17.464	15068	21.657	16934	23.823
	LOWER LIMIT	4811.5	16.464	3767	20.657	4233.5	22.823
	EPA SAMPLE NO.						
01	SBLK472	9147	16.96	6449	21.16	5708	23.32
02	SBLK509	10510	16.96	7140	21.16	6292	23.32
03	SBLK511	10523	16.96	7050	21.16	6379	23.32
04	BHPD8	12299	16.96	8157	21.16	7223	23.32
05	BHPD9	13681	16.96	10426	21.16	8597	23.32
06	BHPE0	14947	16.96	9654	21.16	8228	23.32
07	BHPE1	13331	16.96	9938	21.16	7807	23.32
08	BHJA4	15421	16.96	9845	21.16	8737	23.32
09	BHJA5	14400	16.96	9583	21.16	8547	23.32
10	BHJA6	13908	16.96	9456	21.16	8089	23.32
11	BHJA7	14493	16.96	10022	21.15	8706	23.31
12	BHJA8	14137	16.96	9141	21.16	8340	23.32
13	BHPE3	14030	16.96	8953	21.16	8313	23.32
14	BHJB3	12561	16.96	8123	21.16	7093	23.32
15	SLCS509	12841	16.96	9143	21.15	9557	23.32
16	SLCS511	11618	16.96	8669	21.15	9253	23.32

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM121024 SAS No.: BM121024 SDG NO.: BM121024

EPA Sample No.: SSTD0.4105 Date Analyzed: Dec 11 2024 12:00AM

Lab File ID: BM048931.D Time Analyzed: 05:58

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	9623	16.964	7534	21.157	8467	23.323
UPPER LIMIT	19246	17.464	15068	21.657	16934	23.823
LOWER LIMIT	4811.5	16.464	3767	20.657	4233.5	22.823
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.: BM121024 SAS No.: BM121024 SDG NO.: BM121024

EPA Sample No.: SSTD0.4106 Date Analyzed: Dec 11 2024 12:00AM

Lab File ID: BM048948.D Time Analyzed: 08:56

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	11879	16.96	9255	21.152	10403	23.317
UPPER LIMIT	23758	17.46	18510	21.652	20806	23.817
LOWER LIMIT	5939.5	16.46	4627.5	20.652	5201.5	22.817
EPA SAMPLE NO.						
01 SBLK441	13076	16.96	8804	21.16	8391	23.32
02 E28M3	14559	16.96	10462	21.15	9527	23.32

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.: BM121024 SAS No.: BM121024 SDG NO.: BM121024

EPA Sample No.: SSTD0.4107 Date Analyzed: Dec 11 2024 12:00AM

Lab File ID: BM048951.D Time Analyzed: 12:20

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	20500	16.958	15300	21.155	16208	23.321
UPPER LIMIT	41000	17.458	30600	21.655	32416	23.821
LOWER LIMIT	10250	16.458	7650	20.655	8104	22.821
EPA SAMPLE NO.						
01 SBLK441	19887	16.96	13461	21.15	13322	23.32
02 E28N1	27975	16.96	19797	21.16	18614	23.32

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.: BM121024

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165458BS	1,4-Dioxane	2	1.8	ug/L	90				0	0		
	Naphthalene	0.4	0.34	ug/L	85				0	0		
	1-Methylnaphthalene	0.4	0.33	ug/L	83				0	0		
	2-Methylnaphthalene	0.4	0.33	ug/L	83				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	0.34	ug/L	85				0	0		
	Pentachlorophenol	0.8	0.56	ug/L	70				0	0		
	Phenanthrene	0.4	0.34	ug/L	85				0	0		
	Anthracene	0.4	0.33	ug/L	83				0	0		
	Fluoranthene	0.4	0.34	ug/L	85				0	0		
	Pyrene	0.4	0.33	ug/L	83				0	0		
	Benzo(a)anthracene	0.4	0.32	ug/L	80				0	0		
	Chrysene	0.4	0.37	ug/L	93				0	0		
	Benzo(b)fluoranthene	0.4	0.36	ug/L	90				0	0		
	Benzo(k)fluoranthene	0.4	0.37	ug/L	93				0	0		
	Benzo(a)pyrene	0.4	0.33	ug/L	83				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.35	ug/L	88				0	0		
	Dibenzo(a,h)anthracene	0.4	0.34	ug/L	85				0	0		
	Benzo(g,h,i)perylene	0.4	0.37	ug/L	93				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM121024

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165460BS	1,4-Dioxane	2	2.1	ug/L	105				0	0		
	Naphthalene	0.4	0.41	ug/L	103				0	0		
	1-Methylnaphthalene	0.4	0.41	ug/L	103				0	0		
	2-Methylnaphthalene	0.4	0.4	ug/L	100				0	0		
	Acenaphthylene	0.4	0.41	ug/L	103				0	0		
	Acenaphthene	0.4	0.41	ug/L	103				0	0		
	Fluorene	0.4	0.42	ug/L	105				0	0		
	Pentachlorophenol	0.8	0.66	ug/L	83				0	0		
	Phenanthrene	0.4	0.41	ug/L	103				0	0		
	Anthracene	0.4	0.4	ug/L	100				0	0		
	Fluoranthene	0.4	0.41	ug/L	103				0	0		
	Pyrene	0.4	0.4	ug/L	100				0	0		
	Benzo(a)anthracene	0.4	0.39	ug/L	98				0	0		
	Chrysene	0.4	0.45	ug/L	113				0	0		
	Benzo(b)fluoranthene	0.4	0.43	ug/L	108				0	0		
	Benzo(k)fluoranthene	0.4	0.46	ug/L	115				0	0		
	Benzo(a)pyrene	0.4	0.41	ug/L	103				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.42	ug/L	105				0	0		
	Dibenzo(a,h)anthracene	0.4	0.41	ug/L	103				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.: BM121024

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165472BS	1,4-Dioxane	2	1.8	ug/L	90				0	0		
	Naphthalene	0.4	0.38	ug/L	95				0	0		
	1-Methylnaphthalene	0.4	0.36	ug/L	90				0	0		
	2-Methylnaphthalene	0.4	0.35	ug/L	88				0	0		
	Acenaphthylene	0.4	0.36	ug/L	90				0	0		
	Acenaphthene	0.4	0.37	ug/L	93				0	0		
	Fluorene	0.4	0.37	ug/L	93				0	0		
	Pentachlorophenol	0.8	0.56	ug/L	70				0	0		
	Phenanthrene	0.4	0.38	ug/L	95				0	0		
	Anthracene	0.4	0.36	ug/L	90				0	0		
	Fluoranthene	0.4	0.38	ug/L	95				0	0		
	Pyrene	0.4	0.37	ug/L	93				0	0		
	Benzo(a)anthracene	0.4	0.34	ug/L	85				0	0		
	Chrysene	0.4	0.41	ug/L	103				0	0		
	Benzo(b)fluoranthene	0.4	0.4	ug/L	100				0	0		
	Benzo(k)fluoranthene	0.4	0.4	ug/L	100				0	0		
	Benzo(a)pyrene	0.4	0.39	ug/L	98				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.38	ug/L	95				0	0		
	Dibenzo(a,h)anthracene	0.4	0.37	ug/L	93				0	0		
	Benzo(g,h,i)perylene	0.4	0.39	ug/L	98				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM121024

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165509BS	1,4-Dioxane	2	1.9	ug/L	95				0	0		
	Naphthalene	0.4	0.37	ug/L	93				0	0		
	1-Methylnaphthalene	0.4	0.35	ug/L	88				0	0		
	2-Methylnaphthalene	0.4	0.34	ug/L	85				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	0.36	ug/L	90				0	0		
	Pentachlorophenol	0.8	0.59	ug/L	74				0	0		
	Phenanthrene	0.4	0.36	ug/L	90				0	0		
	Anthracene	0.4	0.35	ug/L	88				0	0		
	Fluoranthene	0.4	0.38	ug/L	95				0	0		
	Pyrene	0.4	0.36	ug/L	90				0	0		
	Benzo(a)anthracene	0.4	0.34	ug/L	85				0	0		
	Chrysene	0.4	0.39	ug/L	98				0	0		
	Benzo(b)fluoranthene	0.4	0.39	ug/L	98				0	0		
	Benzo(k)fluoranthene	0.4	0.38	ug/L	95				0	0		
	Benzo(a)pyrene	0.4	0.36	ug/L	90				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.37	ug/L	93				0	0		
	Dibenzo(a,h)anthracene	0.4	0.36	ug/L	90				0	0		
	Benzo(g,h,i)perylene	0.4	0.38	ug/L	95				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM121024

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165511BS	1,4-Dioxane	2	1.8	ug/L	90				0	0		
	Naphthalene	0.4	0.36	ug/L	90				0	0		
	1-Methylnaphthalene	0.4	0.35	ug/L	88				0	0		
	2-Methylnaphthalene	0.4	0.34	ug/L	85				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	0.36	ug/L	90				0	0		
	Pentachlorophenol	0.8	0.57	ug/L	71				0	0		
	Phenanthrene	0.4	0.36	ug/L	90				0	0		
	Anthracene	0.4	0.35	ug/L	88				0	0		
	Fluoranthene	0.4	0.37	ug/L	93				0	0		
	Pyrene	0.4	0.36	ug/L	90				0	0		
	Benzo(a)anthracene	0.4	0.33	ug/L	83				0	0		
	Chrysene	0.4	0.39	ug/L	98				0	0		
	Benzo(b)fluoranthene	0.4	0.38	ug/L	95				0	0		
	Benzo(k)fluoranthene	0.4	0.4	ug/L	100				0	0		
	Benzo(a)pyrene	0.4	0.36	ug/L	90				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.38	ug/L	95				0	0		
	Dibenzo(a,h)anthracene	0.4	0.37	ug/L	93				0	0		
	Benzo(g,h,i)perylene	0.4	0.38	ug/L	95				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK441

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM121024

SAS No.: BM121024 SDG NO.: BM121024

Lab File ID: BM048949.D

Lab Sample ID: PB165441BL

Instrument ID: BNA_M

Date Extracted: 12/05/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/11/2024

Level: (low/med) LOW

Time Analyzed: 08:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E28N1	P5066-13	BM048953.D	12/11/2024
E28M3	P5066-04	BM048950.D	12/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK458

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM121024

SAS No.: BM121024 SDG NO.: BM121024

Lab File ID: BM048916.D

Lab Sample ID: PB165458BL

Instrument ID: BNA_M

Date Extracted: 12/07/2024

Matrix: (soil/water) Water

Date Analyzed: 12/10/2024

Level: (low/med) LOW

Time Analyzed: 10:45

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BHJ99	P5107-20	BM048918.D	12/10/2024
BHJ99MS	P5107-21MS	BM048919.D	12/10/2024
BHJ99MSD	P5107-22MSD	BM048920.D	12/10/2024
PB165458BS	PB165458BS	BM048925.D	12/10/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK460

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM121024

SAS No.: BM121024 SDG NO.: BM121024

Lab File ID: BM048917.D

Lab Sample ID: PB165460BL

Instrument ID: BNA_M

Date Extracted: 12/07/2024

Matrix: (soil/water) Water

Date Analyzed: 12/10/2024

Level: (low/med) LOW

Time Analyzed: 11:22

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BHJA2	P5109-03	BM048921.D	12/10/2024
BHJA2MS	P5109-04MS	BM048922.D	12/10/2024
BHJA2MSD	P5109-05MSD	BM048923.D	12/10/2024
PB165460BS	PB165460BS	BM048924.D	12/10/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK472

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM121024

SAS No.: BM121024 SDG NO.: BM121024

Lab File ID: BM048932.D

Lab Sample ID: PB165472BL

Instrument ID: BNA_M

Date Extracted: 12/09/2024

Matrix: (soil/water) Water

Date Analyzed: 12/10/2024

Level: (low/med) LOW

Time Analyzed: 20:57

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BHJB3	P5109-07	BM048945.D	12/11/2024
BHJA0	P5109-01	BM048926.D	12/10/2024
BHJA1	P5109-02	BM048927.D	12/10/2024
BHJA3	P5109-06	BM048928.D	12/10/2024
BHJB4	P5109-08	BM048929.D	12/10/2024
PB165472BS	PB165472BS	BM048930.D	12/10/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK509

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM121024

SAS No.: BM121024 SDG NO.: BM121024

Lab File ID: BM048933.D

Lab Sample ID: PB165509BL

Instrument ID: BNA_M

Date Extracted: 12/09/2024

Matrix: (soil/water) Water

Date Analyzed: 12/10/2024

Level: (low/med) LOW

Time Analyzed: 21:33

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165509BS	PB165509BS	BM048946.D	12/11/2024
BHPD8	P5109-09	BM048935.D	12/10/2024
BHPD9	P5109-10	BM048936.D	12/10/2024
BHPE0	P5109-11	BM048937.D	12/10/2024
BHPE1	P5109-12	BM048938.D	12/11/2024
BHJA4	P5109-15	BM048939.D	12/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK511

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM121024

SAS No.: BM121024 SDG NO.: BM121024

Lab File ID: BM048934.D

Lab Sample ID: PB165511BL

Instrument ID: BNA_M

Date Extracted: 12/09/2024

Matrix: (soil/water) Water

Date Analyzed: 12/10/2024

Level: (low/med) LOW

Time Analyzed: 22:09

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165511BS	PB165511BS	BM048947.D	12/11/2024
BHJA5	P5109-16	BM048940.D	12/11/2024
BHJA6	P5109-17	BM048941.D	12/11/2024
BHJA7	P5109-18	BM048942.D	12/11/2024
BHJA8	P5109-19	BM048943.D	12/11/2024
BHPE3	P5109-20	BM048944.D	12/11/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM121024

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P5107-21MS		Client Sample ID: BHJ99MS		DataFile: BM048919.D							
1,4-Dioxane	2		1.1	ug/L	55				15	120	
Naphthalene	0.4		0.44	ug/L	110				0	0	
1-Methylnaphthalene	0.4		0.43	ug/L	108				0	0	
2-Methylnaphthalene	0.4		0.43	ug/L	108				0	0	
Acenaphthylene	0.4		0.47	ug/L	117				0	0	
Acenaphthene	0.4		0.47	ug/L	117				46	118	
Fluorene	0.4		0.48	ug/L	120				0	0	
Pentachlorophenol	0.8		0.54	ug/L	68				9	103	
Phenanthrene	0.4		0.51	ug/L	128				0	0	
Anthracene	0.4		0.49	ug/L	123				0	0	
Fluoranthene	0.4		0.49	ug/L	123				0	0	
Pyrene	0.4		0.5	ug/L	125				26	127	
Benzo(a)anthracene	0.4		0.5	ug/L	125				0	0	
Chrysene	0.4		0.54	ug/L	135				0	0	
Benzo(b)fluoranthene	0.4		0.55	ug/L	138				0	0	
Benzo(k)fluoranthene	0.4		0.55	ug/L	138				0	0	
Benzo(a)pyrene	0.4		0.52	ug/L	130				0	0	
Indeno(1,2,3-cd)pyrene	0.4		0.54	ug/L	135				0	0	
Dibenzo(a,h)anthracene	0.4		0.54	ug/L	135				0	0	
Benzo(g,h,i)perylene	0.4		0.56	ug/L	140				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM121024

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P5107-22MSD		Client Sample ID: BHJ99MSD		DataFile: BM048920.D							
1,4-Dioxane	2		0.85	ug/L	43	24			15	120	50
Naphthalene	0.4		0.33	ug/L	83	28	*		0	0	0
1-Methylnaphthalene	0.4		0.32	ug/L	80	30	*		0	0	0
2-Methylnaphthalene	0.4		0.32	ug/L	80	30	*		0	0	0
Acenaphthylene	0.4		0.34	ug/L	85	32	*		0	0	0
Acenaphthene	0.4		0.34	ug/L	85	32	*		46	118	31
Fluorene	0.4		0.35	ug/L	88	31	*		0	0	0
Pentachlorophenol	0.8		0.4	ug/L	50	31			9	103	50
Phenanthrene	0.4		0.37	ug/L	93	32	*		0	0	0
Anthracene	0.4		0.36	ug/L	90	31	*		0	0	0
Fluoranthene	0.4		0.35	ug/L	88	33	*		0	0	0
Pyrene	0.4		0.36	ug/L	90	33	*		26	127	31
Benzo(a)anthracene	0.4		0.36	ug/L	90	33	*		0	0	0
Chrysene	0.4		0.41	ug/L	103	27	*		0	0	0
Benzo(b)fluoranthene	0.4		0.41	ug/L	103	29	*		0	0	0
Benzo(k)fluoranthene	0.4		0.41	ug/L	103	29	*		0	0	0
Benzo(a)pyrene	0.4		0.38	ug/L	95	31	*		0	0	0
Indeno(1,2,3-cd)pyrene	0.4		0.39	ug/L	98	32	*		0	0	0
Dibenzo(a,h)anthracene	0.4		0.39	ug/L	98	32	*		0	0	0
Benzo(g,h,i)perylene	0.4		0.41	ug/L	103	30	*		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM121024

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P5109-04MS		Client Sample ID: BHJA2MS		DataFile: BM048922.D							
1,4-Dioxane	2		0.87	ug/L	44				15	120	
Naphthalene	0.4		0.37	ug/L	93				0	0	
1-Methylnaphthalene	0.4		0.36	ug/L	90				0	0	
2-Methylnaphthalene	0.4		0.36	ug/L	90				0	0	
Acenaphthylene	0.4		0.37	ug/L	93				0	0	
Acenaphthene	0.4		0.38	ug/L	95				46	118	
Fluorene	0.4		0.39	ug/L	98				0	0	
Pentachlorophenol	0.8		0.59	ug/L	74				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		0.41	ug/L	103				0	0	
Pyrene	0.4		0.41	ug/L	103				26	127	
Benzo(a)anthracene	0.4		0.4	ug/L	100				0	0	
Chrysene	0.4		0.44	ug/L	110				0	0	
Benzo(b)fluoranthene	0.4		0.45	ug/L	113				0	0	
Benzo(k)fluoranthene	0.4		0.45	ug/L	113				0	0	
Benzo(a)pyrene	0.4		0.42	ug/L	105				0	0	
Indeno(1,2,3-cd)pyrene	0.4		0.43	ug/L	108				0	0	
Dibenzo(a,h)anthracene	0.4		0.43	ug/L	108				0	0	
Benzo(g,h,i)perylene	0.4		0.44	ug/L	110				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM121024

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P5109-05MSD		Client Sample ID: BHJA2MSD		DataFile: BM048923.D							
1,4-Dioxane	2		0.93	ug/L	47	7			15	120	50
Naphthalene	0.4		0.4	ug/L	100	7	*		0	0	0
1-Methylnaphthalene	0.4		0.41	ug/L	103	13	*		0	0	0
2-Methylnaphthalene	0.4		0.39	ug/L	98	9	*		0	0	0
Acenaphthylene	0.4		0.4	ug/L	100	7	*		0	0	0
Acenaphthene	0.4		0.42	ug/L	105	10			46	118	31
Fluorene	0.4		0.43	ug/L	108	10	*		0	0	0
Pentachlorophenol	0.8		0.63	ug/L	79	7			9	103	50
Phenanthrene	0.4		0.45	ug/L	113	9	*		0	0	0
Anthracene	0.4		0.43	ug/L	108	8	*		0	0	0
Fluoranthene	0.4		0.44	ug/L	110	7	*		0	0	0
Pyrene	0.4		0.45	ug/L	113	9			26	127	31
Benzo(a)anthracene	0.4		0.44	ug/L	110	10	*		0	0	0
Chrysene	0.4		0.49	ug/L	123	11	*		0	0	0
Benzo(b)fluoranthene	0.4		0.5	ug/L	125	10	*		0	0	0
Benzo(k)fluoranthene	0.4		0.5	ug/L	125	10	*		0	0	0
Benzo(a)pyrene	0.4		0.46	ug/L	115	9	*		0	0	0
Indeno(1,2,3-cd)pyrene	0.4		0.47	ug/L	117	8	*		0	0	0
Dibenzo(a,h)anthracene	0.4		0.47	ug/L	117	8	*		0	0	0
Benzo(g,h,i)perylene	0.4		0.49	ug/L	123	11	*		0	0	0

Surrogate Summary

SW-846

SDG No.: BM121024

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5066-04	E28M3	BM048950.D	1,4-Dioxane-d8	8	6.99	87		15	120
			Fluoranthene-d10	0.4	0.47	118		30	130
			2-Methylnaphthalene-d10	0.4	0.43	107		20	140
P5066-13	E28N1	BM048953.D	1,4-Dioxane-d8	8	4.92	62		15	120
			Fluoranthene-d10	0.4	0.49	122		30	130
			2-Methylnaphthalene-d10	0.4	0.46	114		20	140
PB165441BL	PB165441BL	BM048952.D	1,4-Dioxane-d8	8	5.67	71		15	120
		BM048949.D	1,4-Dioxane-d8	8	5.76	72		15	120
			Fluoranthene-d10	0.4	0.33	83		30	130
		BM048952.D	Fluoranthene-d10	0.4	0.32	81		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		20	140
		BM048949.D	2-Methylnaphthalene-d10	0.4	0.30	76		20	140

Surrogate Summary

SW-846

SDG No.: **BM121024**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5107-20	BHJ99	BM048918.D	1,4-Dioxane-d8	8	4.62	58		15	120
			Fluoranthene-d10	0.4	0.35	87		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		30	130
P5107-21MS	BHJ99MS	BM048919.D	1,4-Dioxane-d8	0.8	0.37	46		15	120
			Fluoranthene-d10	0.4	0.52	131	*	30	130
			2-Methylnaphthalene-d10	0.4	0.46	115		30	130
P5107-22MSD	BHJ99MSD	BM048920.D	1,4-Dioxane-d8	0.8	0.30	37		15	120
			Fluoranthene-d10	0.4	0.39	96		30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		30	130
PB165458BL	PB165458BL	BM048916.D	1,4-Dioxane-d8	8	6.13	77		15	120
			Fluoranthene-d10	0.4	0.32	80		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
PB165458BS	PB165458BS	BM048925.D	1,4-Dioxane-d8	0.8	0.70	87		15	120
			Fluoranthene-d10	0.4	0.36	90		30	130
			2-Methylnaphthalene-d10	0.4	0.36	89		30	130

Surrogate Summary

SW-846

SDG No.: **BM121024**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5109-03	BHJA2	BM048921.D	1,4-Dioxane-d8	8	4.63	58		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
P5109-04MS	BHJA2MS	BM048922.D	1,4-Dioxane-d8	0.8	0.31	38		15	120
			Fluoranthene-d10	0.4	0.44	109		30	130
			2-Methylnaphthalene-d10	0.4	0.39	96		30	130
P5109-05MSD	BHJA2MSD	BM048923.D	1,4-Dioxane-d8	0.8	0.36	45		15	120
			Fluoranthene-d10	0.4	0.47	118		30	130
			2-Methylnaphthalene-d10	0.4	0.42	104		30	130
PB165460BL	PB165460BL	BM048917.D	1,4-Dioxane-d8	8	6.21	78		15	120
			Fluoranthene-d10	0.4	0.33	81		30	130
			2-Methylnaphthalene-d10	0.4	0.29	74		30	130
PB165460BS	PB165460BS	BM048924.D	1,4-Dioxane-d8	0.8	0.83	104		15	120
			Fluoranthene-d10	0.4	0.44	110		30	130
			2-Methylnaphthalene-d10	0.4	0.44	109		30	130

Surrogate Summary

SW-846

SDG No.: **BM121024**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5109-01	BHJA0	BM048926.D	1,4-Dioxane-d8	8	4.92	61		15	120
			Fluoranthene-d10	0.4	0.40	100		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		30	130
P5109-02	BHJA1	BM048927.D	1,4-Dioxane-d8	8	5.15	64		15	120
			Fluoranthene-d10	0.4	0.43	106		30	130
			2-Methylnaphthalene-d10	0.4	0.31	79		30	130
P5109-06	BHJA3	BM048928.D	1,4-Dioxane-d8	8	5.10	64		15	120
			Fluoranthene-d10	0.4	0.49	121		30	130
			2-Methylnaphthalene-d10	0.4	0.37	94		30	130
P5109-07	BHJB3	BM048945.D	1,4-Dioxane-d8	8	6.15	77		15	120
			Fluoranthene-d10	0.4	0.49	122		30	130
			2-Methylnaphthalene-d10	0.4	0.36	91		30	130
P5109-08	BHJB4	BM048929.D	1,4-Dioxane-d8	8	4.31	54		15	120
			Fluoranthene-d10	0.4	0.39	98		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		30	130
PB165472BL	PB165472BL	BM048932.D	1,4-Dioxane-d8	8	7.14	89		15	120
			Fluoranthene-d10	0.4	0.37	92		30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		30	130
PB165472BS	PB165472BS	BM048930.D	1,4-Dioxane-d8	0.8	0.76	94		15	120
			Fluoranthene-d10	0.4	0.42	104		30	130
			2-Methylnaphthalene-d10	0.4	0.39	97		30	130

Surrogate Summary

SW-846

SDG No.: **BM121024**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5109-09	BHPD8	BM048935.D	1,4-Dioxane-d8	8	5.23	65		15	120
			Fluoranthene-d10	0.4	0.45	113		30	130
			2-Methylnaphthalene-d10	0.4	0.31	79		30	130
P5109-10	BHPD9	BM048936.D	1,4-Dioxane-d8	8	5.04	63		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		30	130
P5109-11	BHPE0	BM048937.D	1,4-Dioxane-d8	8	5.37	67		15	120
			Fluoranthene-d10	0.4	0.45	113		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		30	130
P5109-12	BHPE1	BM048938.D	1,4-Dioxane-d8	8	5.86	73		15	120
			Fluoranthene-d10	0.4	0.41	103		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
P5109-15	BHJA4	BM048939.D	1,4-Dioxane-d8	8	5.08	63		15	120
			Fluoranthene-d10	0.4	0.40	99		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		30	130
PB165509BL	PB165509BL	BM048933.D	1,4-Dioxane-d8	8	5.87	73		15	120
			Fluoranthene-d10	0.4	0.32	81		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		30	130
PB165509BS	PB165509BS	BM048946.D	1,4-Dioxane-d8	0.8	0.76	95		15	120
			Fluoranthene-d10	0.4	0.41	103		30	130
			2-Methylnaphthalene-d10	0.4	0.38	94		30	130

Surrogate Summary

SW-846

SDG No.: **BM121024**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5109-16	BHJA5	BM048940.D	1,4-Dioxane-d8	8	4.93	62		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		30	130
P5109-17	BHJA6	BM048941.D	1,4-Dioxane-d8	8	5.90	74		15	120
			Fluoranthene-d10	0.4	0.43	106		30	130
			2-Methylnaphthalene-d10	0.4	0.28	69		30	130
P5109-18	BHJA7	BM048942.D	1,4-Dioxane-d8	8	5.63	70		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.28	69		30	130
P5109-19	BHJA8	BM048943.D	1,4-Dioxane-d8	8	5.40	68		15	120
			Fluoranthene-d10	0.4	0.46	115		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		30	130
P5109-20	BHPE3	BM048944.D	1,4-Dioxane-d8	8	5.44	68		15	120
			Fluoranthene-d10	0.4	0.47	118		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		30	130
PB165511BL	PB165511BL	BM048934.D	1,4-Dioxane-d8	8	7.24	90		15	120
			Fluoranthene-d10	0.4	0.41	102		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
PB165511BS	PB165511BS	BM048947.D	1,4-Dioxane-d8	0.8	0.72	90		15	120
			Fluoranthene-d10	0.4	0.39	98		30	130
			2-Methylnaphthalene-d10	0.4	0.38	94		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM121024

Lab Code: CHEM

SAS No.: BM121024 SDG NO.: BM121024

Lab File ID: BM048914.D

DFTPP Injection Date: 12/10/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	48.5
68	Less than 2.0% of mass 69	0.7 (1.6) 1
69	Mass 69 relative abundance	48
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	52
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	6.7
275	10.0 - 60.0% of mass 198	22.8
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	11.3
442	Greater than 50% of mass 198	68.3
443	15.0 - 24.0% of mass 442	13.2 (19.3) 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
SSTD0.4104	SSTDCCC0.4	BM048915.D	12/10/2024	10:10
SBLK458	PB165458BL	BM048916.D	12/10/2024	10:45
SBLK460	PB165460BL	BM048917.D	12/10/2024	11:22
BHJ99	P5107-20	BM048918.D	12/10/2024	11:57
BHJ99MS	P5107-21MS	BM048919.D	12/10/2024	12:33
BHJ99MSD	P5107-22MSD	BM048920.D	12/10/2024	13:09
BHJA2	P5109-03	BM048921.D	12/10/2024	13:45
BHJA2MS	P5109-04MS	BM048922.D	12/10/2024	14:21
BHJA2MSD	P5109-05MSD	BM048923.D	12/10/2024	14:57
SLCS460	PB165460BS	BM048924.D	12/10/2024	15:33
SLCS458	PB165458BS	BM048925.D	12/10/2024	16:09
BHJA0	P5109-01	BM048926.D	12/10/2024	16:45
BHJA1	P5109-02	BM048927.D	12/10/2024	17:21
BHJA3	P5109-06	BM048928.D	12/10/2024	17:57
BHJB4	P5109-08	BM048929.D	12/10/2024	18:33
SLCS472	PB165472BS	BM048930.D	12/10/2024	19:09
SSTD0.4105	SSTDCCC0.4	BM048931.D	12/10/2024	20:21
SBLK472	PB165472BL	BM048932.D	12/10/2024	20:57

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM121024

Lab Code: CHEM

SAS No.: BM121024 SDG NO.: BM121024

Lab File ID: BM048914.D

DFTPP Injection Date: 12/10/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	48.5
68	Less than 2.0% of mass 69	0.7 (1.6) 1
69	Mass 69 relative abundance	48
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	52
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	6.7
275	10.0 - 60.0% of mass 198	22.8
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	11.3
442	Greater than 50% of mass 198	68.3
443	15.0 - 24.0% of mass 442	13.2 (19.3) 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
SBLK509	PB165509BL	BM048933.D	12/10/2024	21:33
SBLK511	PB165511BL	BM048934.D	12/10/2024	22:09
BHPD8	P5109-09	BM048935.D	12/10/2024	22:45
BHPD9	P5109-10	BM048936.D	12/10/2024	23:21
BHPE0	P5109-11	BM048937.D	12/10/2024	23:57
BHPE1	P5109-12	BM048938.D	12/11/2024	00:33
BHJA4	P5109-15	BM048939.D	12/11/2024	01:09
BHJA5	P5109-16	BM048940.D	12/11/2024	01:45
BHJA6	P5109-17	BM048941.D	12/11/2024	02:21
BHJA7	P5109-18	BM048942.D	12/11/2024	02:57
BHJA8	P5109-19	BM048943.D	12/11/2024	03:33
BHPE3	P5109-20	BM048944.D	12/11/2024	04:09
BHJB3	P5109-07	BM048945.D	12/11/2024	04:45
SLCS509	PB165509BS	BM048946.D	12/11/2024	05:22
SLCS511	PB165511BS	BM048947.D	12/11/2024	05:58
SSTD0.4106	SSTDCCC0.4	BM048948.D	12/11/2024	07:10
SBLK441	PB165441BL	BM048949.D	12/11/2024	08:56
E28M3	P5066-04	BM048950.D	12/11/2024	09:32

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM121024

Lab Code: CHEM

SAS No.: BM121024 SDG NO.: BM121024

Lab File ID: BM048914.D

DFTPP Injection Date: 12/10/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	48.5
68	Less than 2.0% of mass 69	0.7 (1.6) 1
69	Mass 69 relative abundance	48
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	52
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	6.7
275	10.0 - 60.0% of mass 198	22.8
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	11.3
442	Greater than 50% of mass 198	68.3
443	15.0 - 24.0% of mass 442	13.2 (19.3) 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
SSTD0.4107	SSTDCCC0.4	BM048951.D	12/11/2024	11:41
SBLK441	PB165441BL	BM048952.D	12/11/2024	12:20
E28N1	P5066-13	BM048953.D	12/11/2024	12:56
SSTD0.4108	SSTDCCC0.4EC	BM048954.D	12/11/2024	13:54