

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM042224 SAS No.: BM042224 SDG No.: BM042224

Instrument ID: BNA_M Calibration Date/Time: 4/22/2024 1:10:44

Lab File ID: BM045473.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4086 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.516	0.637	0.010	23.5145	40.0
1,4-Dioxane-d8	0.536	0.708	0.010	32.0824	40.0
Naphthalene	1.074	1.087	0.600	1.1773	30.0
1-Methylnaphthalene	0.688	0.704	0.300	2.3913	30.0
2-Methylnaphthalene	0.614	0.668	0.300	8.8265	30.0
Acenaphthylene	1.973	1.999	0.900	1.3459	30.0
Acenaphthene	1.465	1.497	0.500	2.2068	30.0
Fluorene	1.567	1.594	0.700	1.7312	30.0
Pentachlorophenol	0.080	0.059	0.010	-26.3937	50.0
Phenanthrene	1.165	1.168	0.300	0.281	30.0
Anthracene	1.090	1.110	0.400	1.8358	30.0
Fluoranthene	1.846	2.136	0.400	15.7013	30.0
Pyrene	1.897	2.179	0.500	14.8524	30.0
Benzo (a) anthracene	1.279	1.328	0.400	3.8289	30.0
Chrysene	1.966	2.054	0.400	4.5069	30.0
Benzo (b) fluoranthene	1.346	1.382	0.200	2.6839	30.0
Benzo (k) fluoranthene	1.700	1.652	0.200	-2.8396	30.0
Benzo (a) pyrene	1.395	1.432	0.200	2.6206	30.0
Indeno (1,2,3-cd) pyrene	2.028	2.041	0.200	0.6168	30.0
Dibenzo (a,h) anthracene	1.609	1.586	0.200	-1.4333	30.0
Benzo (g,h,i) perylene	1.822	1.888	0.200	3.6208	30.0
Fluoranthene-d10	1.259	1.427	0.400	13.3056	30.0
2-Methylnaphthalene-d10	0.528	0.555	0.300	5.2423	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.: BM042224 SAS No.: BM042224 SDG No.: BM042224
Instrument ID: BNA_M Calibration Date/Time: 4/22/2024 1: 21:11
Lab File ID: BM045489.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4087 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.516	0.722	0.010	39.9714	40.0
1,4-Dioxane-d8	0.536	0.630	0.010	17.4755	40.0
Naphthalene	1.074	1.042	0.600	-2.9677	30.0
1-Methylnaphthalene	0.688	0.692	0.300	0.5937	30.0
2-Methylnaphthalene	0.614	0.623	0.300	1.5015	30.0
Acenaphthylene	1.973	1.908	0.900	-3.2723	30.0
Acenaphthene	1.465	1.446	0.500	-1.2908	30.0
Fluorene	1.567	1.540	0.700	-1.7386	30.0
Pentachlorophenol	0.080	0.059	0.010	-26.2746	50.0
Phenanthrene	1.165	1.142	0.300	-1.9397	30.0
Anthracene	1.090	0.990	0.400	-9.1904	30.0
Fluoranthene	1.846	2.194	0.400	18.8491	30.0
Pyrene	1.897	2.281	0.500	20.204	30.0
Benzo (a) anthracene	1.279	1.203	0.400	-5.9408	30.0
Chrysene	1.966	2.092	0.400	6.4219	30.0
Benzo (b) fluoranthene	1.346	1.368	0.200	1.6544	30.0
Benzo (k) fluoranthene	1.700	1.770	0.200	4.0925	30.0
Benzo (a) pyrene	1.395	1.453	0.200	4.1332	30.0
Indeno (1,2,3-cd) pyrene	2.028	2.033	0.200	0.249	30.0
Dibenzo (a,h) anthracene	1.609	1.557	0.200	-3.1897	30.0
Benzo (g,h,i) perylene	1.822	1.929	0.200	5.8578	30.0
Fluoranthene-d10	1.259	1.513	0.400	20.1472	30.0
2-Methylnaphthalene-d10	0.528	0.532	0.300	0.7972	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.: BM042224 SAS No.: BM042224 SDG No.: BM042224
Instrument ID: BNA_M Calibration Date/Time: 4/23/2024 1:06:54
Lab File ID: BM045504.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4088 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.516	0.482	0.010	-6.488	40.0
1,4-Dioxane-d8	0.536	0.538	0.010	0.3093	40.0
Naphthalene	1.074	1.095	0.600	1.9666	30.0
1-Methylnaphthalene	0.688	0.761	0.300	10.6169	30.0
2-Methylnaphthalene	0.614	0.674	0.300	9.8331	30.0
Acenaphthylene	1.973	2.164	0.900	9.7174	30.0
Acenaphthene	1.465	1.517	0.500	3.5388	30.0
Fluorene	1.567	1.616	0.700	3.1304	30.0
Pentachlorophenol	0.080	0.077	0.010	-2.842	50.0
Phenanthrene	1.165	1.144	0.300	-1.8135	30.0
Anthracene	1.090	1.120	0.400	2.8054	30.0
Fluoranthene	1.846	1.835	0.400	-0.5763	30.0
Pyrene	1.897	1.980	0.500	4.3403	30.0
Benzo (a) anthracene	1.279	1.388	0.400	8.5758	30.0
Chrysene	1.966	1.895	0.400	-3.6161	30.0
Benzo (b) fluoranthene	1.346	1.268	0.200	-5.7751	30.0
Benzo (k) fluoranthene	1.700	1.554	0.200	-8.5926	30.0
Benzo (a) pyrene	1.395	1.376	0.200	-1.3961	30.0
Indeno (1,2,3-cd) pyrene	2.028	1.843	0.200	-9.1386	30.0
Dibenzo (a,h) anthracene	1.609	1.431	0.200	-11.0156	30.0
Benzo (g,h,i) perylene	1.822	1.573	0.200	-13.6734	30.0
Fluoranthene-d10	1.259	1.280	0.400	1.6548	30.0
2-Methylnaphthalene-d10	0.528	0.553	0.300	4.8493	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.: BM042224 SAS No.: BM042224 SDG No.: BM042224

Instrument ID: BNA_M Calibration Date/Time: 4/23/2024 1:14:28

Lab File ID: BM045513.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4089 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.516	0.491	0.010	-4.8876	40.0
1,4-Dioxane-d8	0.536	0.467	0.010	-12.948	40.0
Naphthalene	1.074	1.086	0.600	1.1359	30.0
1-Methylnaphthalene	0.688	0.716	0.300	4.139	30.0
2-Methylnaphthalene	0.614	0.659	0.300	7.4799	30.0
Acenaphthylene	1.973	2.142	0.900	8.5979	30.0
Acenaphthene	1.465	1.507	0.500	2.8599	30.0
Fluorene	1.567	1.543	0.700	-1.5092	30.0
Pentachlorophenol	0.080	0.080	0.010	0.4093	50.0
Phenanthrene	1.165	1.124	0.300	-3.4826	30.0
Anthracene	1.090	1.106	0.400	1.5059	30.0
Fluoranthene	1.846	1.762	0.400	-4.5503	30.0
Pyrene	1.897	1.824	0.500	-3.8609	30.0
Benzo (a) anthracene	1.279	1.477	0.400	15.5513	30.0
Chrysene	1.966	1.764	0.400	-10.2438	30.0
Benzo (b) fluoranthene	1.346	1.276	0.200	-5.143	30.0
Benzo (k) fluoranthene	1.700	1.544	0.200	-9.1587	30.0
Benzo (a) pyrene	1.395	1.417	0.200	1.5698	30.0
Indeno (1,2,3-cd) pyrene	2.028	2.015	0.200	-0.6553	30.0
Dibenzo (a,h) anthracene	1.609	1.563	0.200	-2.8478	30.0
Benzo (g,h,i) perylene	1.822	1.693	0.200	-7.0796	30.0
Fluoranthene-d10	1.259	1.264	0.400	0.3342	30.0
2-Methylnaphthalene-d10	0.528	0.559	0.300	5.9209	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.: BM042224 SAS No.: BM042224 SDG No.: BM042224
Instrument ID: BNA_M Calibration Date/Time: 4/23/2024 1: 21:31
Lab File ID: BM045523.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4090 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.516	0.527	0.010	2.1753	50.0
1,4-Dioxane-d8	0.536	0.544	0.010	1.4779	50.0
Naphthalene	1.074	1.094	0.600	1.8389	50.0
1-Methylnaphthalene	0.688	0.747	0.300	8.5754	50.0
2-Methylnaphthalene	0.614	0.686	0.300	11.7776	50.0
Acenaphthylene	1.973	2.022	0.900	2.5092	50.0
Acenaphthene	1.465	1.476	0.500	0.7456	50.0
Fluorene	1.567	1.558	0.700	-0.5938	50.0
Pentachlorophenol	0.080	0.077	0.010	-3.8368	50.0
Phenanthrene	1.165	1.147	0.300	-1.5536	50.0
Anthracene	1.090	1.120	0.400	2.7923	50.0
Fluoranthene	1.846	1.790	0.400	-3.03	50.0
Pyrene	1.897	1.855	0.500	-2.2472	50.0
Benzo (a) anthracene	1.279	1.429	0.400	11.7975	50.0
Chrysene	1.966	1.792	0.400	-8.8506	50.0
Benzo (b) fluoranthene	1.346	1.342	0.200	-0.2376	50.0
Benzo (k) fluoranthene	1.700	1.539	0.200	-9.4439	50.0
Benzo (a) pyrene	1.395	1.396	0.200	0.0467	50.0
Indeno (1,2,3-cd) pyrene	2.028	1.915	0.200	-5.5607	50.0
Dibenzo (a,h) anthracene	1.609	1.485	0.200	-7.6714	50.0
Benzo (g,h,i) perylene	1.822	1.632	0.200	-10.4532	50.0
Fluoranthene-d10	1.259	1.266	0.400	0.5296	50.0
2-Methylnaphthalene-d10	0.528	0.566	0.300	7.3695	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	4/20/2024 12:00:00 AM
Project:		Date Received:	4/20/2024 12:00:00 AM
Client Sample ID:	SBLK418	SDG No.:	BM042224
Lab Sample ID:	PB160418BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045474.D	1	4/20/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160418

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	7.453		15-120		93	SPK: -8
93951-69-0	Fluoranthene-d10	0.579	*	30-130		145	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.484		30-130		121	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	572		7.564			
1146-65-2	Naphthalene-d8	1743		10.32			
15067-26-2	Acenaphthene-d10	985		14.205			

Report of Analysis

Client:		Date Collected:	4/20/2024 12:00:00 AM
Project:		Date Received:	4/20/2024 12:00:00 AM
Client Sample ID:	SBLK418	SDG No.:	BM042224
Lab Sample ID:	PB160418BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045474.D	1	4/20/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	1950	16.972				
1719-03-5	Chrysene-d12	1036	21.226				
1520-96-3	Perylene-d12	650	23.403				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/6/2024 12:00:00 AM
Project:		Date Received:	4/6/2024 12:00:00 AM
Client Sample ID:	SLCS063	SDG No.:	BM042224
Lab Sample ID:	PB160063BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045475.D	1	4/6/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160063

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.7		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.5		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.51		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.52		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.53		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.54		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.55		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.81		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.5		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.5		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.62		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.64		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.53		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.55		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.57		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.56		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.56		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.56		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	0.58		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.179		15-120		15	SPK: -8
93951-69-0	Fluoranthene-d10	0.603	*	30-130		151	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.499		30-130		125	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	515		7.61			
1146-65-2	Naphthalene-d8	1625		10.375			
15067-26-2	Acenaphthene-d10	874		14.224			

Report of Analysis

Client:		Date Collected:	4/6/2024 12:00:00 AM
Project:		Date Received:	4/6/2024 12:00:00 AM
Client Sample ID:	SLCS063	SDG No.:	BM042224
Lab Sample ID:	PB160063BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045475.D	1	4/6/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160063

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	1855	17.001				
1719-03-5	Chrysene-d12	953	21.217				
1520-96-3	Perylene-d12	1171	23.417				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	YCST4	SDG No.:	BM042224
Lab Sample ID:	P2141-01	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
BM045476.D	1	4/20/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.11	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	4.426		15-120		55	SPK: -8
93951-69-0	Fluoranthene-d10	0.282		30-130		70	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	1058		7.559			
1146-65-2	Naphthalene-d8	2945		10.32			
15067-26-2	Acenaphthene-d10	1497		14.205			

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	YCST4	SDG No.:	BM042224
Lab Sample ID:	P2141-01	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
BM045476.D	1	4/20/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2985	16.971				
1719-03-5	Chrysene-d12	2302	21.211				
1520-96-3	Perylene-d12	2633	23.391				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	YCST5	SDG No.:	BM042224
Lab Sample ID:	P2141-02	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045477.D	1	4/20/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.11	J	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.475		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.456		30-130		114	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.364		30-130		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1022		7.559			
1146-65-2	Naphthalene-d8	3232		10.319			
15067-26-2	Acenaphthene-d10	1880		14.205			

Report of Analysis

Client:		Date Collected:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	YCST5	SDG No.:	BM042224
Lab Sample ID:	P2141-02	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045477.D	1	4/20/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3700	16.971				
1719-03-5	Chrysene-d12	2001	21.219				
1520-96-3	Perylene-d12	1743	23.394				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	YCSX5	SDG No.:	BM042224
Lab Sample ID:	P2142-06	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
BM045478.D	1	4/20/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.28		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	2.275		15-120		28	SPK: -8
93951-69-0	Fluoranthene-d10	0.296		30-130		74	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.225		30-130		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1333		7.559			
1146-65-2	Naphthalene-d8	4205		10.319			
15067-26-2	Acenaphthene-d10	2372		14.206			

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	YCSX5	SDG No.:	BM042224
Lab Sample ID:	P2142-06	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
BM045478.D	1	4/20/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4924	16.968				
1719-03-5	Chrysene-d12	2987	21.21				
1520-96-3	Perylene-d12	2688	23.396				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	C0AM9	SDG No.:	BM042224
Lab Sample ID:	P2202-01	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045479.D	1	4/20/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.8	E	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.599		15-120		95	SPK: -8
93951-69-0	Fluoranthene-d10	0.426		30-130		106	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.329		30-130		82	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1135		7.555			
1146-65-2	Naphthalene-d8	3630		10.32			
15067-26-2	Acenaphthene-d10	2961		14.206			

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	C0AM9	SDG No.:	BM042224
Lab Sample ID:	P2202-01	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045479.D	1	4/20/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4470	16.968				
1719-03-5	Chrysene-d12	2400	21.21				
1520-96-3	Perylene-d12	2114	23.396				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	C0AN6	SDG No.:	BM042224
Lab Sample ID:	P2202-02	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
BM045480.D	1	4/20/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160418

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	5.234		15-120		65	SPK: -8
93951-69-0	Fluoranthene-d10	0.386		30-130		97	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.299		30-130		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1087		7.559			
1146-65-2	Naphthalene-d8	3435		10.319			
15067-26-2	Acenaphthene-d10	1902		14.205			

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	C0AN6	SDG No.:	BM042224
Lab Sample ID:	P2202-02	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
BM045480.D	1	4/20/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3680	16.971				
1719-03-5	Chrysene-d12	1900	21.219				
1520-96-3	Perylene-d12	1822	23.397				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	YCSX7	SDG No.:	BM042224
Lab Sample ID:	P2142-01	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045481.D	1	4/20/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160416

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.2		0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.65		15-120		33	SPK: -8
93951-69-0	Fluoranthene-d10	0.262		30-130		65	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.234		30-130		58	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1260		7.559			
1146-65-2	Naphthalene-d8	3968		10.319			
15067-26-2	Acenaphthene-d10	2087		14.206			

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	YCSX7	SDG No.:	BM042224
Lab Sample ID:	P2142-01	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045481.D	1	4/20/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160416

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3936	16.968				
1719-03-5	Chrysene-d12	2739	21.198				
1520-96-3	Perylene-d12	3301	23.387				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	YCSX4	SDG No.:	BM042224
Lab Sample ID:	P2142-02	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
BM045482.D	1	4/20/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160416

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.55		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	2.138		15-120		27	SPK: -8
93951-69-0	Fluoranthene-d10	0.235		30-130		59	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.213		30-130		53	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1452		7.555			
1146-65-2	Naphthalene-d8	4256		10.32			
15067-26-2	Acenaphthene-d10	2268		14.205			

Report of Analysis

Client:		Date Collected:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	YCSX4	SDG No.:	BM042224
Lab Sample ID:	P2142-02	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
BM045482.D	1	4/20/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160416

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4413	16.971				
1719-03-5	Chrysene-d12	3280	21.211				
1520-96-3	Perylene-d12	3613	23.391				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	YCSX8	SDG No.:	BM042224
Lab Sample ID:	P2142-03	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
BM045483.D	1	4/20/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160416

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.882		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.531	*	30-130		133	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.395		30-130		99	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	814		7.559			
1146-65-2	Naphthalene-d8	2664		10.32			
15067-26-2	Acenaphthene-d10	1575		14.205			

Report of Analysis

Client:		Date Collected:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	YCSX8	SDG No.:	BM042224
Lab Sample ID:	P2142-03	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
BM045483.D	1	4/20/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160416

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3284	16.971				
1719-03-5	Chrysene-d12	1998	21.211				
1520-96-3	Perylene-d12	1654	23.394				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	YCSX9	SDG No.:	BM042224
Lab Sample ID:	P2142-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045484.D	1	4/20/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160416

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.37		0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.305		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.379		30-130		95	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.311		30-130		78	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1056	7.559				
1146-65-2	Naphthalene-d8	3388	10.319				
15067-26-2	Acenaphthene-d10	1921	14.206				

Report of Analysis

Client:		Date Collected:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	YCSX9	SDG No.:	BM042224
Lab Sample ID:	P2142-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045484.D	1	4/20/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160416

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3824	16.968				
1719-03-5	Chrysene-d12	2122	21.216				
1520-96-3	Perylene-d12	2037	23.399				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	YCSY0	SDG No.:	BM042224
Lab Sample ID:	P2142-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045485.D	1	4/20/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160416

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	3.532		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.373		30-130		93	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.286		30-130		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1178		7.559			
1146-65-2	Naphthalene-d8	3735		10.32			
15067-26-2	Acenaphthene-d10	2111		14.205			

Report of Analysis

Client:		Date Collected:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	YCSY0	SDG No.:	BM042224
Lab Sample ID:	P2142-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045485.D	1	4/20/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160416

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4313	16.967				
1719-03-5	Chrysene-d12	2557	21.211				
1520-96-3	Perylene-d12	2283	23.394				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/20/2024 12:00:00 AM
Project:		Date Received:	4/20/2024 12:00:00 AM
Client Sample ID:	SLCS418	SDG No.:	BM042224
Lab Sample ID:	PB160418BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045486.D	1	4/20/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.5	E	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.5		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.5		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.54		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.51		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.52		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.5		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	1		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	0.51		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.56		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.56		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.54		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.53		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.59		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.58		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.57		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.58		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.58		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.6		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.287	*	15-120		161	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.54	*	30-130		135	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.501		30-130		125	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	447		7.622			
1146-65-2	Naphthalene-d8	1665		10.369			
15067-26-2	Acenaphthene-d10	909		14.223			

Report of Analysis

Client:		Date Collected:	4/20/2024 12:00:00 AM
Project:		Date Received:	4/20/2024 12:00:00 AM
Client Sample ID:	SLCS418	SDG No.:	BM042224
Lab Sample ID:	PB160418BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045486.D	1	4/20/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	1633	17.005				
1719-03-5	Chrysene-d12	914	21.214				
1520-96-3	Perylene-d12	1199	23.414				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/20/2024 12:00:00 AM
Project:		Date Received:	4/20/2024 12:00:00 AM
Client Sample ID:	SBLK416	SDG No.:	BM042224
Lab Sample ID:	PB160416BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045487.D	1	4/20/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160416

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	4.132		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.316		30-130		79	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.255		30-130		64	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	992		7.559			
1146-65-2	Naphthalene-d8	3108		10.32			
15067-26-2	Acenaphthene-d10	1714		14.205			

Report of Analysis

Client:		Date Collected:	4/20/2024 12:00:00 AM
Project:		Date Received:	4/20/2024 12:00:00 AM
Client Sample ID:	SBLK416	SDG No.:	BM042224
Lab Sample ID:	PB160416BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045487.D	1	4/20/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160416

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3234	16.967				
1719-03-5	Chrysene-d12	1641	21.222				
1520-96-3	Perylene-d12	1518	23.4				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/6/2024 12:00:00 AM
Project:		Date Received:	4/6/2024 12:00:00 AM
Client Sample ID:	SLCS063	SDG No.:	BM042224
Lab Sample ID:	PB160063BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045488.D	1	4/6/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160063

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.7		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.28		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.29		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.29		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.29		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.3		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.29		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.53		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.29		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.29		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.36		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	0.31		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.32		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.33		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.32		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	0.33		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.32		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.34		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.675		15-120		84	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.349		30-130		87	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.285		30-130		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	803		7.606			
1146-65-2	Naphthalene-d8	2678		10.369			
15067-26-2	Acenaphthene-d10	1451		14.223			

Report of Analysis

Client:		Date Collected:	4/6/2024 12:00:00 AM
Project:		Date Received:	4/6/2024 12:00:00 AM
Client Sample ID:	SLCS063	SDG No.:	BM042224
Lab Sample ID:	PB160063BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045488.D	1	4/6/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160063

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2807	16.997				
1719-03-5	Chrysene-d12	1427	21.214				
1520-96-3	Perylene-d12	1827	23.411				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SBLK252	SDG No.:	BM042224
Lab Sample ID:	PB160252BL	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
BM045490.D	1	4/15/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160252

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	4.168		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.323		30-130		81	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.266		20-140		67	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	797		7.559			
1146-65-2	Naphthalene-d8	2577		10.32			
15067-26-2	Acenaphthene-d10	1458		14.205			

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SBLK252	SDG No.:	BM042224
Lab Sample ID:	PB160252BL	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
BM045490.D	1	4/15/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2833	16.971				
1719-03-5	Chrysene-d12	1561	21.219				
1520-96-3	Perylene-d12	1308	23.397				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	E1CY0	SDG No.:	BM042224
Lab Sample ID:	P2037-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8
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
BM045491.D	1	4/15/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.96	U	0.96	0	7.3	ug/Kg
91-20-3	Naphthalene	2.9	J	0.22	0.89	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.56	U	0.56	0.89	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	1.5	J	0.21	0.89	3.6	ug/Kg
208-96-8	Acenaphthylene	0.36	U	0.36	0.89	3.6	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.89	3.6	ug/Kg
86-73-7	Fluorene	1	J	0.24	0.89	3.6	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.8	7.3	ug/Kg
85-01-8	Phenanthrene	12		0.2	0.89	3.6	ug/Kg
120-12-7	Anthracene	2.3	J	0.18	0.89	3.6	ug/Kg
206-44-0	Fluoranthene	17		0.2	0.89	3.6	ug/Kg
129-00-0	Pyrene	13		0.26	0.89	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	9.6		0.1	0.89	3.6	ug/Kg
218-01-9	Chrysene	8.3		0.27	0.89	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	18		0.51	0.89	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	4.9		0.35	0.89	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	8.3		0.35	0.89	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	6.2		0.56	0.89	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.2	J	0.51	0.89	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	6.6		0.81	0.89	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.365		15-120		30	SPK: -8
93951-69-0	Fluoranthene-d10	0.201		30-130		50	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.191		20-140		48	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	814		7.563			
1146-65-2	Naphthalene-d8	2607		10.325			
15067-26-2	Acenaphthene-d10	1624		14.205			

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	E1CY0	SDG No.:	BM042224
Lab Sample ID:	P2037-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8
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
BM045491.D	1	4/15/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3120	16.971				
1719-03-5	Chrysene-d12	2163	21.196				
1520-96-3	Perylene-d12	2211	23.388				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.96	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	E1CY1	SDG No.:	BM042224
Lab Sample ID:	P2037-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045492.D	1	4/15/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160252

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	0.22	U	0.22	0.9	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.57	U	0.57	0.9	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.9	3.6	ug/Kg
208-96-8	Acenaphthylene	0.36	U	0.36	0.9	3.6	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.9	3.6	ug/Kg
86-73-7	Fluorene	0.24	U	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	0.2	U	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	0.2	U	0.2	0.9	3.6	ug/Kg
129-00-0	Pyrene	0.26	U	0.26	0.9	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	0.1	U	0.1	0.9	3.6	ug/Kg
218-01-9	Chrysene	0.27	U	0.27	0.9	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.51	U	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	0.82	U	0.82	0.9	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.874		15-120		36	SPK: -8
93951-69-0	Fluoranthene-d10	0.01	*	30-130		2	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.038	*	20-140		9	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	904		7.568			
1146-65-2	Naphthalene-d8	2697		10.336			
15067-26-2	Acenaphthene-d10	1488		14.206			

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	E1CY1	SDG No.:	BM042224
Lab Sample ID:	P2037-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045492.D	1	4/15/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2960	16.981				
1719-03-5	Chrysene-d12	1713	21.207				
1520-96-3	Perylene-d12	2196	23.396				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.97	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	E1CY1MS	SDG No.:	BM042224
Lab Sample ID:	P2037-15MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.9
Sample Wt/Vol:	30.01 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
BM045493.D	1	4/15/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	45		0.98	0	7.4	ug/Kg
91-20-3	Naphthalene	0.22	U	0.22	0.91	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.57	U	0.57	0.91	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.91	3.6	ug/Kg
208-96-8	Acenaphthylene	0.36	U	0.36	0.91	3.6	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.91	3.6	ug/Kg
86-73-7	Fluorene	0.95	J	0.24	0.91	3.6	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.8	7.4	ug/Kg
85-01-8	Phenanthrene	0.2	U	0.2	0.91	3.6	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.91	3.6	ug/Kg
206-44-0	Fluoranthene	0.2	U	0.2	0.91	3.6	ug/Kg
129-00-0	Pyrene	0.26	U	0.26	0.91	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	0.1	U	0.1	0.91	3.6	ug/Kg
218-01-9	Chrysene	0.27	U	0.27	0.91	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.52	U	0.52	0.91	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.35	U	0.35	0.91	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	0.35	U	0.35	0.91	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.57	U	0.57	0.91	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.52	U	0.52	0.91	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.82	U	0.82	0.91	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.495	*	15-120		6	SPK: -8
93951-69-0	Fluoranthene-d10	0.003	*	30-130		1	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.003	*	20-140		1	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	686		7.593			
1146-65-2	Naphthalene-d8	2254		10.374			
15067-26-2	Acenaphthene-d10	1244		14.224			

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	E1CY1MS	SDG No.:	BM042224
Lab Sample ID:	P2037-15MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.9
Sample Wt/Vol:	30.01 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
BM045493.D	1	4/15/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2315	16.997				
1719-03-5	Chrysene-d12	1504	21.207				
1520-96-3	Perylene-d12	1961	23.396				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.98	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	E1CY1MSD	SDG No.:	BM042224
Lab Sample ID:	P2037-16MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.9
Sample Wt/Vol:	30.03 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
BM045494.D	1	4/15/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	39		0.98	0	7.3	ug/Kg
91-20-3	Naphthalene	0.22	U	0.22	0.9	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.57	U	0.57	0.9	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.9	3.6	ug/Kg
208-96-8	Acenaphthylene	0.77	J	0.36	0.9	3.6	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.9	3.6	ug/Kg
86-73-7	Fluorene	0.84	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	0.2	U	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	0.2	U	0.2	0.9	3.6	ug/Kg
129-00-0	Pyrene	0.26	U	0.26	0.9	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	0.1	U	0.1	0.9	3.6	ug/Kg
218-01-9	Chrysene	0.27	U	0.27	0.9	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.52	U	0.52	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	0.52	U	0.52	0.9	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.82	U	0.82	0.9	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.44	*	15-120		5	SPK: -8
93951-69-0	Fluoranthene-d10	0.004	*	30-130		1	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.008	*	20-140		2	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	690		7.597			
1146-65-2	Naphthalene-d8	2163		10.375			
15067-26-2	Acenaphthene-d10	1195		14.228			

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	E1CY1MSD	SDG No.:	BM042224
Lab Sample ID:	P2037-16MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.9
Sample Wt/Vol:	30.03 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
BM045494.D	1	4/15/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2153	17.001				
1719-03-5	Chrysene-d12	1362	21.205				
1520-96-3	Perylene-d12	1844	23.397				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.98	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	E1CY4	SDG No.:	BM042224
Lab Sample ID:	P2037-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18
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
BM045495.D	1	4/15/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.1	ug/Kg
91-20-3	Naphthalene	26		0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	13		0.63	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	22		0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	5.7		0.4	1	4	ug/Kg
83-32-9	Acenaphthene	3.1	J	0.22	1	4	ug/Kg
86-73-7	Fluorene	1.7	J	0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8.1	ug/Kg
85-01-8	Phenanthrene	100	E	0.22	1	4	ug/Kg
120-12-7	Anthracene	9.8		0.21	1	4	ug/Kg
206-44-0	Fluoranthene	100	E	0.22	1	4	ug/Kg
129-00-0	Pyrene	83	E	0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	60		0.11	1	4	ug/Kg
218-01-9	Chrysene	48		0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	97	E	0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	25		0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	63		0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44		0.63	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	13		0.57	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53		0.91	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.608		15-120		33	SPK: -8
93951-69-0	Fluoranthene-d10	0.208		30-130		52	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.23		20-140		57	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	912		7.559			
1146-65-2	Naphthalene-d8	2914		10.325			
15067-26-2	Acenaphthene-d10	1850		14.206			

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	E1CY4	SDG No.:	BM042224
Lab Sample ID:	P2037-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18
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
BM045495.D	1	4/15/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4004	16.968				
1719-03-5	Chrysene-d12	2710	21.183				
1520-96-3	Perylene-d12	3138	23.378				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	E1CY5	SDG No.:	BM042224
Lab Sample ID:	P2037-19	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045496.D	1	4/15/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	8.8	ug/Kg
91-20-3	Naphthalene	370	E	0.26	1.1	4.3	ug/Kg
90-12-0	1-Methylnaphthalene	14		0.68	1.1	4.3	ug/Kg
91-57-6	2-Methylnaphthalene	26		0.25	1.1	4.3	ug/Kg
208-96-8	Acenaphthylene	6.7		0.43	1.1	4.3	ug/Kg
83-32-9	Acenaphthene	4.9		0.24	1.1	4.3	ug/Kg
86-73-7	Fluorene	16		0.29	1.1	4.3	ug/Kg
87-86-5	Pentachlorophenol	2.6	U	2.6	2.2	8.8	ug/Kg
85-01-8	Phenanthrene	49		0.24	1.1	4.3	ug/Kg
120-12-7	Anthracene	16		0.22	1.1	4.3	ug/Kg
206-44-0	Fluoranthene	63		0.24	1.1	4.3	ug/Kg
129-00-0	Pyrene	55		0.32	1.1	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	54		0.12	1.1	4.3	ug/Kg
218-01-9	Chrysene	37		0.33	1.1	4.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	E	0.62	1.1	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	27		0.42	1.1	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	73	E	0.42	1.1	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45		0.68	1.1	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	13		0.62	1.1	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44		0.99	1.1	4.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.492		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.354		30-130		88	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.344		20-140		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1049		7.551			
1146-65-2	Naphthalene-d8	3447		10.314			
15067-26-2	Acenaphthene-d10	2074		14.205			

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	E1CY5	SDG No.:	BM042224
Lab Sample ID:	P2037-19	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045496.D	1	4/15/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4479	16.963				
1719-03-5	Chrysene-d12	3144	21.184				
1520-96-3	Perylene-d12	3085	23.373				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	E1CY3	SDG No.:	BM042224
Lab Sample ID:	P2037-20	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045497.D	1	4/15/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160252

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	4.4		0.22	0.92	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	1.8	J	0.58	0.92	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	3.4	J	0.21	0.92	3.7	ug/Kg
208-96-8	Acenaphthylene	1.7	J	0.37	0.92	3.7	ug/Kg
83-32-9	Acenaphthene	0.96	J	0.2	0.92	3.7	ug/Kg
86-73-7	Fluorene	0.24	U	0.24	0.92	3.7	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.9	7.4	ug/Kg
85-01-8	Phenanthrene	17		0.2	0.92	3.7	ug/Kg
120-12-7	Anthracene	2.8	J	0.19	0.92	3.7	ug/Kg
206-44-0	Fluoranthene	28		0.2	0.92	3.7	ug/Kg
129-00-0	Pyrene	21		0.27	0.92	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	16		0.1	0.92	3.7	ug/Kg
218-01-9	Chrysene	11		0.28	0.92	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	27		0.52	0.92	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	5.9		0.36	0.92	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	12		0.36	0.92	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	8.9		0.58	0.92	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.7	J	0.52	0.92	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	11		0.83	0.92	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.09		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.305		30-130		76	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	1045		7.555			
1146-65-2	Naphthalene-d8	3494		10.314			
15067-26-2	Acenaphthene-d10	2045		14.205			

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	E1CY3	SDG No.:	BM042224
Lab Sample ID:	P2037-20	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045497.D	1	4/15/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4447	16.967				
1719-03-5	Chrysene-d12	3233	21.187				
1520-96-3	Perylene-d12	3209	23.379				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	E1CY6	SDG No.:	BM042224
Lab Sample ID:	P2037-21	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10
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
BM045498.D	1	4/15/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160252

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	3.1	J	0.22	0.91	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	1.3	J	0.58	0.91	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	2.6	J	0.21	0.91	3.7	ug/Kg
208-96-8	Acenaphthylene	1	J	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	11		0.2	0.91	3.7	ug/Kg
120-12-7	Anthracene	1.8	J	0.19	0.91	3.7	ug/Kg
206-44-0	Fluoranthene	16		0.2	0.91	3.7	ug/Kg
129-00-0	Pyrene	12		0.27	0.91	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	10		0.1	0.91	3.7	ug/Kg
218-01-9	Chrysene	7.8		0.28	0.91	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	18		0.52	0.91	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	4.5		0.35	0.91	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	7.5		0.35	0.91	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	6		0.58	0.91	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.9	J	0.52	0.91	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	7.5		0.83	0.91	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.155		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.257		30-130		64	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.236		20-140		59	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	954		7.555			
1146-65-2	Naphthalene-d8	3296		10.32			
15067-26-2	Acenaphthene-d10	1945		14.205			

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	E1CY6	SDG No.:	BM042224
Lab Sample ID:	P2037-21	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10
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
BM045498.D	1	4/15/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4194	16.967				
1719-03-5	Chrysene-d12	3017	21.193				
1520-96-3	Perylene-d12	2989	23.382				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	E1CX7	SDG No.:	BM042224
Lab Sample ID:	P2037-22	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045499.D	1	4/15/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160252

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	17		0.22	0.89	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	4.3		0.56	0.89	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	8.7		0.21	0.89	3.6	ug/Kg
208-96-8	Acenaphthylene	2.8	J	0.36	0.89	3.6	ug/Kg
83-32-9	Acenaphthene	1.3	J	0.2	0.89	3.6	ug/Kg
86-73-7	Fluorene	1.8	J	0.24	0.89	3.6	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.8	7.3	ug/Kg
85-01-8	Phenanthrene	38		0.2	0.89	3.6	ug/Kg
120-12-7	Anthracene	7.5		0.18	0.89	3.6	ug/Kg
206-44-0	Fluoranthene	75	E	0.2	0.89	3.6	ug/Kg
129-00-0	Pyrene	62	E	0.26	0.89	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	50		0.1	0.89	3.6	ug/Kg
218-01-9	Chrysene	41		0.27	0.89	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	91	E	0.51	0.89	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	23		0.35	0.89	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	40		0.35	0.89	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32		0.56	0.89	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	10		0.51	0.89	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31		0.81	0.89	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.829		15-120		35	SPK: -8
93951-69-0	Fluoranthene-d10	0.25		30-130		63	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.231		20-140		58	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1108	7.555				
1146-65-2	Naphthalene-d8	3539	10.32				
15067-26-2	Acenaphthene-d10	2148	14.2				

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	E1CX7	SDG No.:	BM042224
Lab Sample ID:	P2037-22	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045499.D	1	4/15/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4700	16.963				
1719-03-5	Chrysene-d12	3215	21.184				
1520-96-3	Perylene-d12	3369	23.373				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.97	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	E1CX8	SDG No.:	BM042224
Lab Sample ID:	P2037-23	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	6.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045500.D	1	4/15/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.95	U	0.95	0	7.1	ug/Kg
91-20-3	Naphthalene	10		0.21	0.88	3.5	ug/Kg
90-12-0	1-Methylnaphthalene	12		0.55	0.88	3.5	ug/Kg
91-57-6	2-Methylnaphthalene	13		0.2	0.88	3.5	ug/Kg
208-96-8	Acenaphthylene	7.2		0.35	0.88	3.5	ug/Kg
83-32-9	Acenaphthene	2.3	J	0.19	0.88	3.5	ug/Kg
86-73-7	Fluorene	3.7		0.23	0.88	3.5	ug/Kg
87-86-5	Pentachlorophenol	2.1	U	2.1	1.8	7.1	ug/Kg
85-01-8	Phenanthrene	98	E	0.19	0.88	3.5	ug/Kg
120-12-7	Anthracene	0.18	U	0.18	0.88	3.5	ug/Kg
206-44-0	Fluoranthene	52		0.19	0.88	3.5	ug/Kg
129-00-0	Pyrene	67	E	0.26	0.88	3.5	ug/Kg
56-55-3	Benzo(a)anthracene	32		0.1	0.88	3.5	ug/Kg
218-01-9	Chrysene	39		0.27	0.88	3.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	69	E	0.5	0.88	3.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	22		0.34	0.88	3.5	ug/Kg
50-32-8	Benzo(a)pyrene	28		0.34	0.88	3.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	14		0.55	0.88	3.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.5	U	0.5	0.88	3.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	15		0.8	0.88	3.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.309		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.214		30-130		53	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.332		20-140		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1345		7.555			
1146-65-2	Naphthalene-d8	3804		10.32			
15067-26-2	Acenaphthene-d10	2524		14.205			

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	E1CX8	SDG No.:	BM042224
Lab Sample ID:	P2037-23	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	6.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045500.D	1	4/15/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4232	16.967				
1719-03-5	Chrysene-d12	8248	21.196				
1520-96-3	Perylene-d12	9310	23.405				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.95	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	E1CX9	SDG No.:	BM042224
Lab Sample ID:	P2037-24	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.5
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
BM045501.D	1	4/15/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.99	U	0.99	0	7.5	ug/Kg
91-20-3	Naphthalene	29		0.22	0.92	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	8		0.58	0.92	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	11		0.21	0.92	3.7	ug/Kg
208-96-8	Acenaphthylene	5.8		0.37	0.92	3.7	ug/Kg
83-32-9	Acenaphthene	4.2		0.2	0.92	3.7	ug/Kg
86-73-7	Fluorene	4.3		0.24	0.92	3.7	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.9	7.5	ug/Kg
85-01-8	Phenanthrene	64	E	0.2	0.92	3.7	ug/Kg
120-12-7	Anthracene	4.4		0.19	0.92	3.7	ug/Kg
206-44-0	Fluoranthene	55		0.2	0.92	3.7	ug/Kg
129-00-0	Pyrene	58		0.27	0.92	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	29		0.1	0.92	3.7	ug/Kg
218-01-9	Chrysene	29		0.28	0.92	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	42		0.52	0.92	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	14		0.36	0.92	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	21		0.36	0.92	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	12		0.58	0.92	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4.2		0.52	0.92	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	12		0.84	0.92	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.804		15-120		35	SPK: -8
93951-69-0	Fluoranthene-d10	0.238		30-130		60	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.271		20-140		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1572		7.555			
1146-65-2	Naphthalene-d8	4865		10.319			
15067-26-2	Acenaphthene-d10	2979		14.206			

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	E1CX9	SDG No.:	BM042224
Lab Sample ID:	P2037-24	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.5
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
BM045501.D	1	4/15/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5318	16.968				
1719-03-5	Chrysene-d12	5106	21.192				
1520-96-3	Perylene-d12	7072	23.39				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SLCS252	SDG No.:	BM042224
Lab Sample ID:	PB160252BS	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
BM045502.D	1	4/15/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	67		0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	12		0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	12		0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	13		0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	13		0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	12		0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	12		0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	31		2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	12		0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	13		0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	12		0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	13		0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	14		0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	11		0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	13		0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	12		0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	12		0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	12		0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	12		0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	11		0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.691		15-120		86	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.372		30-130		93	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.373		20-140		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1012		7.572			
1146-65-2	Naphthalene-d8	3552		10.342			
15067-26-2	Acenaphthene-d10	2079		14.214			

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SLCS252	SDG No.:	BM042224
Lab Sample ID:	PB160252BS	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
BM045502.D	1	4/15/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4438	16.988				
1719-03-5	Chrysene-d12	3434	21.202				
1520-96-3	Perylene-d12	3943	23.391				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/13/2024 12:00:00 AM
Project:		Date Received:	4/13/2024 12:00:00 AM
Client Sample ID:	SLCS234	SDG No.:	BM042224
Lab Sample ID:	PB160234BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045503.D	1	4/13/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2		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	0.45		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.49		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	0.45		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.46		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	1.2		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.45		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.47		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	0.46		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.56		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.4		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.48		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.43		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.45		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.41		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.41		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	0.717		15-120		90	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.444		30-130		111	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.45		30-130		113	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2803	7.559				
1146-65-2	Naphthalene-d8	9392	10.325				
15067-26-2	Acenaphthene-d10	5182	14.205				

Report of Analysis

Client:		Date Collected:	4/13/2024 12:00:00 AM
Project:		Date Received:	4/13/2024 12:00:00 AM
Client Sample ID:	SLCS234	SDG No.:	BM042224
Lab Sample ID:	PB160234BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045503.D	1	4/13/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10953	16.971				
1719-03-5	Chrysene-d12	8621	21.19				
1520-96-3	Perylene-d12	10065	23.385				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	SBLK222	SDG No.:	BM042224
Lab Sample ID:	PB160222BL	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
BM045505.D	1	4/12/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160222

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	5.336		15-120		67	SPK: -8
93951-69-0	Fluoranthene-d10	0.283		30-130		71	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.317		20-140		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1121		7.551			
1146-65-2	Naphthalene-d8	3544		10.314			
15067-26-2	Acenaphthene-d10	1958		14.201			

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	SBLK222	SDG No.:	BM042224
Lab Sample ID:	PB160222BL	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
BM045505.D	1	4/12/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4099	16.968				
1719-03-5	Chrysene-d12	3022	21.213				
1520-96-3	Perylene-d12	3010	23.396				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA6	SDG No.:	BM042224
Lab Sample ID:	P2104-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045506.D	1	4/12/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.8	ug/Kg
91-20-3	Naphthalene	0.23	U	0.23	0.96	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	0.61	U	0.61	0.96	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.22	0.96	3.9	ug/Kg
208-96-8	Acenaphthylene	0.39	U	0.39	0.96	3.9	ug/Kg
83-32-9	Acenaphthene	0.21	U	0.21	0.96	3.9	ug/Kg
86-73-7	Fluorene	0.26	U	0.26	0.96	3.9	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	2	7.8	ug/Kg
85-01-8	Phenanthrene	2.4	J	0.21	0.96	3.9	ug/Kg
120-12-7	Anthracene	0.2	U	0.2	0.96	3.9	ug/Kg
206-44-0	Fluoranthene	3.8	J	0.21	0.96	3.9	ug/Kg
129-00-0	Pyrene	4.2		0.28	0.96	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	2.8	J	0.11	0.96	3.9	ug/Kg
218-01-9	Chrysene	1.6	J	0.29	0.96	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	3	J	0.55	0.96	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.37	U	0.37	0.96	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	0.37	U	0.37	0.96	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1	J	0.61	0.96	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.55	U	0.55	0.96	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.4	J	0.88	0.96	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.378		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.27		30-130		68	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.245		20-140		61	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1250		7.555			
1146-65-2	Naphthalene-d8	3903		10.314			
15067-26-2	Acenaphthene-d10	2199		14.2			

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA6	SDG No.:	BM042224
Lab Sample ID:	P2104-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045506.D	1	4/12/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4480	16.963				
1719-03-5	Chrysene-d12	2999	21.199				
1520-96-3	Perylene-d12	3129	23.388				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA7	SDG No.:	BM042224
Lab Sample ID:	P2104-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.4
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
BM045507.D	1	4/12/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.96	U	0.96	0	7.2	ug/Kg
91-20-3	Naphthalene	0.22	U	0.22	0.89	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.56	U	0.56	0.89	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.89	3.6	ug/Kg
208-96-8	Acenaphthylene	10		0.36	0.89	3.6	ug/Kg
83-32-9	Acenaphthene	1.3	J	0.19	0.89	3.6	ug/Kg
86-73-7	Fluorene	6		0.24	0.89	3.6	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.8	7.2	ug/Kg
85-01-8	Phenanthrene	7		0.19	0.89	3.6	ug/Kg
120-12-7	Anthracene	13		0.18	0.89	3.6	ug/Kg
206-44-0	Fluoranthene	9.8		0.19	0.89	3.6	ug/Kg
129-00-0	Pyrene	2.1	J	0.26	0.89	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	8.5		0.1	0.89	3.6	ug/Kg
218-01-9	Chrysene	3	J	0.27	0.89	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	5.1		0.51	0.89	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	2.7	J	0.35	0.89	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	1.3	J	0.35	0.89	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.3	J	0.56	0.89	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.1	J	0.51	0.89	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.1	J	0.81	0.89	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.382		15-120		30	SPK: -8
93951-69-0	Fluoranthene-d10	0.003	*	30-130		1	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.008	*	20-140		2	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1175		7.568			
1146-65-2	Naphthalene-d8	3416		10.331			
15067-26-2	Acenaphthene-d10	1770		14.205			

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA7	SDG No.:	BM042224
Lab Sample ID:	P2104-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.4
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
BM045507.D	1	4/12/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2952	16.976				
1719-03-5	Chrysene-d12	2249	21.184				
1520-96-3	Perylene-d12	3296	23.373				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.96	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA7MS	SDG No.:	BM042224
Lab Sample ID:	P2104-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.4
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045508.D	1	4/12/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	23		0.96	0	7.2	ug/Kg
91-20-3	Naphthalene	0.22	U	0.22	0.89	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.56	U	0.56	0.89	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	0.2	U	0.2	0.89	3.6	ug/Kg
208-96-8	Acenaphthylene	14		0.36	0.89	3.6	ug/Kg
83-32-9	Acenaphthene	0.9	J	0.19	0.89	3.6	ug/Kg
86-73-7	Fluorene	2.4	J	0.24	0.89	3.6	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.8	7.2	ug/Kg
85-01-8	Phenanthrene	1.6	J	0.19	0.89	3.6	ug/Kg
120-12-7	Anthracene	17		0.18	0.89	3.6	ug/Kg
206-44-0	Fluoranthene	3.6		0.19	0.89	3.6	ug/Kg
129-00-0	Pyrene	0.83	J	0.26	0.89	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	4.6		0.1	0.89	3.6	ug/Kg
218-01-9	Chrysene	0.79	J	0.27	0.89	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	2	J	0.51	0.89	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.9	J	0.34	0.89	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	0.34	U	0.34	0.89	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.56	U	0.56	0.89	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.1	J	0.51	0.89	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.81	U	0.81	0.89	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.243		15-120		30	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.003	*	30-130		1	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.003	*	20-140		1	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1304		7.564			
1146-65-2	Naphthalene-d8	3690		10.331			
15067-26-2	Acenaphthene-d10	1722		14.205			

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA7MS	SDG No.:	BM042224
Lab Sample ID:	P2104-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.4
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045508.D	1	4/12/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2908	16.971				
1719-03-5	Chrysene-d12	2607	21.181				
1520-96-3	Perylene-d12	3808	23.368				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.96	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA7MSD	SDG No.:	BM042224
Lab Sample ID:	P2104-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.4
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045509.D	1	4/12/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	22		0.96	0	7.2	ug/Kg
91-20-3	Naphthalene	0.22	U	0.22	0.89	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.56	U	0.56	0.89	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	0.2	U	0.2	0.89	3.6	ug/Kg
208-96-8	Acenaphthylene	13		0.36	0.89	3.6	ug/Kg
83-32-9	Acenaphthene	0.86	J	0.19	0.89	3.6	ug/Kg
86-73-7	Fluorene	2.6	J	0.24	0.89	3.6	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.8	7.2	ug/Kg
85-01-8	Phenanthrene	1.6	J	0.19	0.89	3.6	ug/Kg
120-12-7	Anthracene	13		0.18	0.89	3.6	ug/Kg
206-44-0	Fluoranthene	4.3		0.19	0.89	3.6	ug/Kg
129-00-0	Pyrene	1.1	J	0.26	0.89	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	4.6		0.1	0.89	3.6	ug/Kg
218-01-9	Chrysene	0.83	J	0.27	0.89	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	2	J	0.51	0.89	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.93	J	0.34	0.89	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	0.83	J	0.34	0.89	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.56	U	0.56	0.89	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.93	J	0.51	0.89	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.81	U	0.81	0.89	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.223		15-120		28	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.002	*	30-130		1	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.007	*	20-140		2	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1803		7.559			
1146-65-2	Naphthalene-d8	5585		10.325			
15067-26-2	Acenaphthene-d10	2924		14.201			

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA7MSD	SDG No.:	BM042224
Lab Sample ID:	P2104-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.4
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045509.D	1	4/12/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5461	16.968				
1719-03-5	Chrysene-d12	3770	21.18				
1520-96-3	Perylene-d12	5289	23.367				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.96	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AB1	SDG No.:	BM042224
Lab Sample ID:	P2104-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045510.D	1	4/12/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.98	U	0.98	0	7.4	ug/Kg
91-20-3	Naphthalene	0.22	U	0.22	0.91	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.57	U	0.57	0.91	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.91	3.6	ug/Kg
208-96-8	Acenaphthylene	1.7	J	0.36	0.91	3.6	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.91	3.6	ug/Kg
86-73-7	Fluorene	0.24	U	0.24	0.91	3.6	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.8	7.4	ug/Kg
85-01-8	Phenanthrene	2.8	J	0.2	0.91	3.6	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.91	3.6	ug/Kg
206-44-0	Fluoranthene	7.1		0.2	0.91	3.6	ug/Kg
129-00-0	Pyrene	5.7		0.26	0.91	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	5.5		0.1	0.91	3.6	ug/Kg
218-01-9	Chrysene	3.3	J	0.28	0.91	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	7.2		0.52	0.91	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	2.2	J	0.35	0.91	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	4.6		0.35	0.91	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3.2	J	0.57	0.91	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.52	U	0.52	0.91	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3.6		0.83	0.91	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.501		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.206		30-130		51	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.243		20-140		61	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1620		7.551			
1146-65-2	Naphthalene-d8	4477		10.314			
15067-26-2	Acenaphthene-d10	2112		14.205			

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AB1	SDG No.:	BM042224
Lab Sample ID:	P2104-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045510.D	1	4/12/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3985	16.967				
1719-03-5	Chrysene-d12	3504	21.19				
1520-96-3	Perylene-d12	4517	23.373				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.98	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AC2	SDG No.:	BM042224
Lab Sample ID:	P2104-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.2
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
BM045511.D	1	4/12/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.2	ug/Kg
91-20-3	Naphthalene	0.24	U	0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	0.64	U	0.64	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	0.23	U	0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	0.4	U	0.4	1	4	ug/Kg
83-32-9	Acenaphthene	0.22	U	0.22	1	4	ug/Kg
86-73-7	Fluorene	0.27	U	0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8.2	ug/Kg
85-01-8	Phenanthrene	0.22	U	0.22	1	4	ug/Kg
120-12-7	Anthracene	0.21	U	0.21	1	4	ug/Kg
206-44-0	Fluoranthene	0.22	U	0.22	1	4	ug/Kg
129-00-0	Pyrene	0.29	U	0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	1	4	ug/Kg
218-01-9	Chrysene	0.31	U	0.31	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.57	U	0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.39	U	0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	0.39	U	0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.64	U	0.64	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.57	U	0.57	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.92	U	0.92	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.716		15-120		34	SPK: -8
93951-69-0	Fluoranthene-d10	0.188		30-130		47	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.195		20-140		49	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1428		7.555			
1146-65-2	Naphthalene-d8	3977		10.32			
15067-26-2	Acenaphthene-d10	2008		14.206			

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AC2	SDG No.:	BM042224
Lab Sample ID:	P2104-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.2
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
BM045511.D	1	4/12/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4114	16.968				
1719-03-5	Chrysene-d12	3759	21.192				
1520-96-3	Perylene-d12	4859	23.375				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	SLCS222	SDG No.:	BM042224
Lab Sample ID:	PB160222BS	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
BM045512.D	1	4/12/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	63		0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	12		0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	12		0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	13		0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	13		0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	12		0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	12		0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	30		2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	13		0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	13		0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	12		0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	12		0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	15		0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	12		0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	13		0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	11		0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	13		0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	13		0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	13		0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	12		0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.627		15-120		78	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.347		30-130		87	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.362		20-140		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	955		7.564			
1146-65-2	Naphthalene-d8	3142		10.331			
15067-26-2	Acenaphthene-d10	1545		14.21			

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	SLCS222	SDG No.:	BM042224
Lab Sample ID:	PB160222BS	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
BM045512.D	1	4/12/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2409	16.984				
1719-03-5	Chrysene-d12	1793	21.193				
1520-96-3	Perylene-d12	2782	23.385				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/22/2024 12:00:00 AM
Project:		Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	SBLK429	SDG No.:	BM042224
Lab Sample ID:	PB160429BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045514.D	1	4/22/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160429

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	4.768		15-120		60	SPK: -8
93951-69-0	Fluoranthene-d10	0.31		30-130		77	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.307		30-130		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1159		7.555			
1146-65-2	Naphthalene-d8	3532		10.32			
15067-26-2	Acenaphthene-d10	1890		14.205			

Report of Analysis

Client:		Date Collected:	4/22/2024 12:00:00 AM
Project:		Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	SBLK429	SDG No.:	BM042224
Lab Sample ID:	PB160429BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045514.D	1	4/22/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160429

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3926	16.967				
1719-03-5	Chrysene-d12	2570	21.202				
1520-96-3	Perylene-d12	2891	23.385				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AC3	SDG No.:	BM042224
Lab Sample ID:	P2104-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045515.D	1	4/12/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	7.9	ug/Kg
91-20-3	Naphthalene	0.24	U	0.24	0.97	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	0.61	U	0.61	0.97	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.22	0.97	3.9	ug/Kg
208-96-8	Acenaphthylene	0.39	U	0.39	0.97	3.9	ug/Kg
83-32-9	Acenaphthene	0.21	U	0.21	0.97	3.9	ug/Kg
86-73-7	Fluorene	0.26	U	0.26	0.97	3.9	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	7.9	ug/Kg
85-01-8	Phenanthrene	0.21	U	0.21	0.97	3.9	ug/Kg
120-12-7	Anthracene	0.2	U	0.2	0.97	3.9	ug/Kg
206-44-0	Fluoranthene	0.21	U	0.21	0.97	3.9	ug/Kg
129-00-0	Pyrene	0.28	U	0.28	0.97	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	0.97	3.9	ug/Kg
218-01-9	Chrysene	0.3	U	0.3	0.97	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.56	U	0.56	0.97	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.38	U	0.38	0.97	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	0.38	U	0.38	0.97	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.61	U	0.61	0.97	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.56	U	0.56	0.97	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.89	U	0.89	0.97	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.23		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.214		30-130		53	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.235		20-140		59	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1500		7.551			
1146-65-2	Naphthalene-d8	4247		10.314			
15067-26-2	Acenaphthene-d10	2022		14.205			

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AC3	SDG No.:	BM042224
Lab Sample ID:	P2104-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045515.D	1	4/12/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3838	16.967				
1719-03-5	Chrysene-d12	3399	21.193				
1520-96-3	Perylene-d12	4066	23.379				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC5	SDG No.:	BM042224
Lab Sample ID:	P2104-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.1
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
BM045516.D	1	4/12/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.5	ug/Kg
91-20-3	Naphthalene	0.25	U	0.25	1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	0.66	U	0.66	1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	0.24	U	0.24	1	4.2	ug/Kg
208-96-8	Acenaphthylene	0.42	U	0.42	1	4.2	ug/Kg
83-32-9	Acenaphthene	0.23	U	0.23	1	4.2	ug/Kg
86-73-7	Fluorene	0.28	U	0.28	1	4.2	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	2.1	8.5	ug/Kg
85-01-8	Phenanthrene	2.3	J	0.23	1	4.2	ug/Kg
120-12-7	Anthracene	0.21	U	0.21	1	4.2	ug/Kg
206-44-0	Fluoranthene	2.5	J	0.23	1	4.2	ug/Kg
129-00-0	Pyrene	1.9	J	0.3	1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	1.5	J	0.12	1	4.2	ug/Kg
218-01-9	Chrysene	1.2	J	0.32	1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	2.3	J	0.59	1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.4	U	0.4	1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	0.4	U	0.4	1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.66	U	0.66	1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.59	U	0.59	1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.95	U	0.95	1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.699		15-120		34	SPK: -8
93951-69-0	Fluoranthene-d10	0.183		30-130		46	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.189		20-140		47	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1337		7.551			
1146-65-2	Naphthalene-d8	3805		10.319			
15067-26-2	Acenaphthene-d10	1806		14.206			

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC5	SDG No.:	BM042224
Lab Sample ID:	P2104-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.1
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
BM045516.D	1	4/12/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3434	16.968				
1719-03-5	Chrysene-d12	3019	21.195				
1520-96-3	Perylene-d12	3644	23.381				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AD0	SDG No.:	BM042224
Lab Sample ID:	P2104-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.8
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
BM045517.D	1	4/12/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.2	ug/Kg
91-20-3	Naphthalene	0.25	U	0.25	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	0.64	U	0.64	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	0.23	U	0.23	1	4.1	ug/Kg
208-96-8	Acenaphthylene	0.41	U	0.41	1	4.1	ug/Kg
83-32-9	Acenaphthene	0.22	U	0.22	1	4.1	ug/Kg
86-73-7	Fluorene	0.27	U	0.27	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	2.1	8.2	ug/Kg
85-01-8	Phenanthrene	0.22	U	0.22	1	4.1	ug/Kg
120-12-7	Anthracene	0.21	U	0.21	1	4.1	ug/Kg
206-44-0	Fluoranthene	0.22	U	0.22	1	4.1	ug/Kg
129-00-0	Pyrene	0.29	U	0.29	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	1	4.1	ug/Kg
218-01-9	Chrysene	0.31	U	0.31	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.58	U	0.58	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.39	U	0.39	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	0.39	U	0.39	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.64	U	0.64	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.58	U	0.58	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.92	U	0.92	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.813		15-120		35	SPK: -8
93951-69-0	Fluoranthene-d10	0.239		30-130		60	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.221		20-140		55	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1345		7.551			
1146-65-2	Naphthalene-d8	4228		10.314			
15067-26-2	Acenaphthene-d10	2239		14.201			

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AD0	SDG No.:	BM042224
Lab Sample ID:	P2104-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.8
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
BM045517.D	1	4/12/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4257	16.968				
1719-03-5	Chrysene-d12	2582	21.195				
1520-96-3	Perylene-d12	3170	23.381				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AD1	SDG No.:	BM042224
Lab Sample ID:	P2104-19	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045518.D	1	4/12/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.1	ug/Kg
91-20-3	Naphthalene	0.24	U	0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	0.63	U	0.63	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	0.23	U	0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	0.4	U	0.4	1	4	ug/Kg
83-32-9	Acenaphthene	0.22	U	0.22	1	4	ug/Kg
86-73-7	Fluorene	0.27	U	0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8.1	ug/Kg
85-01-8	Phenanthrene	1.2	J	0.22	1	4	ug/Kg
120-12-7	Anthracene	0.21	U	0.21	1	4	ug/Kg
206-44-0	Fluoranthene	2.7	J	0.22	1	4	ug/Kg
129-00-0	Pyrene	2.4	J	0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	2.3	J	0.11	1	4	ug/Kg
218-01-9	Chrysene	1.2	J	0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	2.7	J	0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.89	J	0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	0.39	U	0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	J	0.63	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.57	U	0.57	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.4	J	0.91	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.06		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.269		30-130		67	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.231		20-140		58	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1139		7.555			
1146-65-2	Naphthalene-d8	3599		10.314			
15067-26-2	Acenaphthene-d10	1914		14.206			

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AD1	SDG No.:	BM042224
Lab Sample ID:	P2104-19	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045518.D	1	4/12/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3676	16.968				
1719-03-5	Chrysene-d12	2168	21.198				
1520-96-3	Perylene-d12	2577	23.381				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/19/2024 12:00:00 AM
Project:		Date Received:	4/19/2024 12:00:00 AM
Client Sample ID:	YCSR6	SDG No.:	BM042224
Lab Sample ID:	P2141-03	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
BM045519.D	1	4/22/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160429

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.8		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.025		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.396		30-130		99	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.338		30-130		84	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1033		7.555			
1146-65-2	Naphthalene-d8	3381		10.319			
15067-26-2	Acenaphthene-d10	1890		14.205			

Report of Analysis

Client:		Date Collected:	4/19/2024 12:00:00 AM
Project:		Date Received:	4/19/2024 12:00:00 AM
Client Sample ID:	YCSR6	SDG No.:	BM042224
Lab Sample ID:	P2141-03	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
BM045519.D	1	4/22/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160429

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3958	16.967				
1719-03-5	Chrysene-d12	2419	21.199				
1520-96-3	Perylene-d12	2561	23.382				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/19/2024 12:00:00 AM
Project:		Date Received:	4/19/2024 12:00:00 AM
Client Sample ID:	YCST9	SDG No.:	BM042224
Lab Sample ID:	P2141-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045520.D	1	4/22/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160429

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	2.782		15-120		35	SPK: -8
93951-69-0	Fluoranthene-d10	0.364		30-130		91	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.319		30-130		80	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1170		7.555			
1146-65-2	Naphthalene-d8	3706		10.314			
15067-26-2	Acenaphthene-d10	2033		14.205			

Report of Analysis

Client:		Date Collected:	4/19/2024 12:00:00 AM
Project:		Date Received:	4/19/2024 12:00:00 AM
Client Sample ID:	YCST9	SDG No.:	BM042224
Lab Sample ID:	P2141-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045520.D	1	4/22/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160429

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3879	16.967				
1719-03-5	Chrysene-d12	2308	21.202				
1520-96-3	Perylene-d12	2672	23.385				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/19/2024 12:00:00 AM
Project:		Date Received:	4/19/2024 12:00:00 AM
Client Sample ID:	YCSW0	SDG No.:	BM042224
Lab Sample ID:	P2141-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045521.D	1	4/22/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160429

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35		0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.463		15-120		31	SPK: -8
93951-69-0	Fluoranthene-d10	0.324		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	1247		7.551			
1146-65-2	Naphthalene-d8	3844		10.314			
15067-26-2	Acenaphthene-d10	2228		14.205			

Report of Analysis

Client:		Date Collected:	4/19/2024 12:00:00 AM
Project:		Date Received:	4/19/2024 12:00:00 AM
Client Sample ID:	YCSW0	SDG No.:	BM042224
Lab Sample ID:	P2141-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045521.D	1	4/22/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160429

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3947	16.967				
1719-03-5	Chrysene-d12	2436	21.199				
1520-96-3	Perylene-d12	2810	23.379				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/22/2024 12:00:00 AM
Project:		Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	SLCS429	SDG No.:	BM042224
Lab Sample ID:	PB160429BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045522.D	1	4/22/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160429

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	0.37		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	0.39		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	0.36		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	0.85		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	0.38		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.34		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.34		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.42		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.35		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.38		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.36		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.39		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	0.38		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	0.665		15-120		83	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.346		30-130		86	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.378		30-130		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	892		7.564			
1146-65-2	Naphthalene-d8	2978		10.336			
15067-26-2	Acenaphthene-d10	1559		14.21			

Report of Analysis

Client:		Date Collected:	4/22/2024 12:00:00 AM
Project:		Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	SLCS429	SDG No.:	BM042224
Lab Sample ID:	PB160429BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045522.D	1	4/22/2024 12:00:00 AM	4/23/2024 12:00:00 AM	PB160429

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2541	16.984				
1719-03-5	Chrysene-d12	1819	21.199				
1520-96-3	Perylene-d12	2538	23.391				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BM042224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : E1CY0								
P2037-01	E1CY0	Solid	Total Alkanes	*	0.000	0.96	7.3	ug/Kg
			Total Tics :			0.00		
P2037-01	E1CY0	Solid	2-Methylnaphthalene		1.500 J	0.21	3.6	ug/Kg
P2037-01	E1CY0	Solid	Anthracene		2.300 J	0.18	3.6	ug/Kg
P2037-01	E1CY0	Solid	Benzo(a)anthracene		9.600	0.1	3.6	ug/Kg
P2037-01	E1CY0	Solid	Benzo(a)pyrene		8.300	0.35	3.6	ug/Kg
P2037-01	E1CY0	Solid	Benzo(b)fluoranthene		18.000	0.51	3.6	ug/Kg
P2037-01	E1CY0	Solid	Benzo(g,h,i)perylene		6.600	0.81	3.6	ug/Kg
P2037-01	E1CY0	Solid	Benzo(k)fluoranthene		4.900	0.35	3.6	ug/Kg
P2037-01	E1CY0	Solid	Chrysene		8.300	0.27	3.6	ug/Kg
P2037-01	E1CY0	Solid	Dibenzo(a,h)anthracene		2.200 J	0.51	3.6	ug/Kg
P2037-01	E1CY0	Solid	Fluoranthene		17.000	0.2	3.6	ug/Kg
P2037-01	E1CY0	Solid	Fluorene		1.000 J	0.24	3.6	ug/Kg
P2037-01	E1CY0	Solid	Indeno(1,2,3-cd)pyrene		6.200	0.56	3.6	ug/Kg
P2037-01	E1CY0	Solid	Naphthalene		2.900 J	0.22	3.6	ug/Kg
P2037-01	E1CY0	Solid	Phenanthrene		12.000	0.2	3.6	ug/Kg
P2037-01	E1CY0	Solid	Pyrene		13.000	0.26	3.6	ug/Kg
			Total Svoc :			113.80		
			Total Concentration:			113.80		
Client ID : E1CY1								
P2037-14	E1CY1	Solid	Total Alkanes	*	0.000	0.97	7.3	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E1CY4								
P2037-18	E1CY4	Solid	Total Alkanes	*	0.000	1.1	8.1	ug/Kg
			Total Tics :			0.00		
P2037-18	E1CY4	Solid	1-Methylnaphthalene		13.000	0.63	4	ug/Kg
P2037-18	E1CY4	Solid	2-Methylnaphthalene		22.000	0.23	4	ug/Kg
P2037-18	E1CY4	Solid	Acenaphthene		3.100 J	0.22	4	ug/Kg
P2037-18	E1CY4	Solid	Acenaphthylene		5.700	0.4	4	ug/Kg
P2037-18	E1CY4	Solid	Anthracene		9.800	0.21	4	ug/Kg
P2037-18	E1CY4	Solid	Benzo(a)anthracene		60.000	0.11	4	ug/Kg
P2037-18	E1CY4	Solid	Benzo(a)pyrene		63.000	0.39	4	ug/Kg
P2037-18	E1CY4	Solid	Benzo(b)fluoranthene		97.000 E	0.57	4	ug/Kg
P2037-18	E1CY4	Solid	Benzo(g,h,i)perylene		53.000	0.91	4	ug/Kg
P2037-18	E1CY4	Solid	Benzo(k)fluoranthene		25.000	0.39	4	ug/Kg
P2037-18	E1CY4	Solid	Chrysene		48.000	0.3	4	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM042224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2037-18	E1CY4	Solid	Dibenzo(a,h)anthracene	13.000		0.57	4	ug/Kg
P2037-18	E1CY4	Solid	Fluoranthene	100.000	E	0.22	4	ug/Kg
P2037-18	E1CY4	Solid	Fluorene	1.700	J	0.27	4	ug/Kg
P2037-18	E1CY4	Solid	Indeno(1,2,3-cd)pyrene	44.000		0.63	4	ug/Kg
P2037-18	E1CY4	Solid	Naphthalene	26.000		0.24	4	ug/Kg
P2037-18	E1CY4	Solid	Phenanthrene	100.000	E	0.22	4	ug/Kg
P2037-18	E1CY4	Solid	Pyrene	83.000	E	0.29	4	ug/Kg
Total Svoc :				767.30				
Total Concentration:				767.30				

Client ID : E1CY5

P2037-19	E1CY5	Solid	Total Alkanes	*	0.000	1.2	8.8	ug/Kg
Total Tics :				0.00				
P2037-19	E1CY5	Solid	1-Methylnaphthalene		14.000	0.68	4.3	ug/Kg
P2037-19	E1CY5	Solid	2-Methylnaphthalene		26.000	0.25	4.3	ug/Kg
P2037-19	E1CY5	Solid	Acenaphthene		4.900	0.24	4.3	ug/Kg
P2037-19	E1CY5	Solid	Acenaphthylene		6.700	0.43	4.3	ug/Kg
P2037-19	E1CY5	Solid	Anthracene		16.000	0.22	4.3	ug/Kg
P2037-19	E1CY5	Solid	Benzo(a)anthracene		54.000	0.12	4.3	ug/Kg
P2037-19	E1CY5	Solid	Benzo(a)pyrene		73.000	E 0.42	4.3	ug/Kg
P2037-19	E1CY5	Solid	Benzo(b)fluoranthene		110.000	E 0.62	4.3	ug/Kg
P2037-19	E1CY5	Solid	Benzo(g,h,i)perylene		44.000	0.99	4.3	ug/Kg
P2037-19	E1CY5	Solid	Benzo(k)fluoranthene		27.000	0.42	4.3	ug/Kg
P2037-19	E1CY5	Solid	Chrysene		37.000	0.33	4.3	ug/Kg
P2037-19	E1CY5	Solid	Dibenzo(a,h)anthracene		13.000	0.62	4.3	ug/Kg
P2037-19	E1CY5	Solid	Fluoranthene		63.000	0.24	4.3	ug/Kg
P2037-19	E1CY5	Solid	Fluorene		16.000	0.29	4.3	ug/Kg
P2037-19	E1CY5	Solid	Indeno(1,2,3-cd)pyrene		45.000	0.68	4.3	ug/Kg
P2037-19	E1CY5	Solid	Naphthalene		370.000	E 0.26	4.3	ug/Kg
P2037-19	E1CY5	Solid	Phenanthrene		49.000	0.24	4.3	ug/Kg
P2037-19	E1CY5	Solid	Pyrene		55.000	0.32	4.3	ug/Kg
Total Svoc :				1,023.60				
Total Concentration:				1,023.60				

Client ID : E1CY3

P2037-20	E1CY3	Solid	Total Alkanes	*	0.000	0.99	7.4	ug/Kg
Total Tics :				0.00				
P2037-20	E1CY3	Solid	1-Methylnaphthalene		1.800	J 0.58	3.7	ug/Kg
P2037-20	E1CY3	Solid	2-Methylnaphthalene		3.400	J 0.21	3.7	ug/Kg
P2037-20	E1CY3	Solid	Acenaphthene		0.960	J 0.2	3.7	ug/Kg
P2037-20	E1CY3	Solid	Acenaphthylene		1.700	J 0.37	3.7	ug/Kg
P2037-20	E1CY3	Solid	Anthracene		2.800	J 0.19	3.7	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM042224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2037-20	E1CY3	Solid	Benzo(a)anthracene	16.000		0.1	3.7	ug/Kg
P2037-20	E1CY3	Solid	Benzo(a)pyrene	12.000		0.36	3.7	ug/Kg
P2037-20	E1CY3	Solid	Benzo(b)fluoranthene	27.000		0.52	3.7	ug/Kg
P2037-20	E1CY3	Solid	Benzo(g,h,i)perylene	11.000		0.83	3.7	ug/Kg
P2037-20	E1CY3	Solid	Benzo(k)fluoranthene	5.900		0.36	3.7	ug/Kg
P2037-20	E1CY3	Solid	Chrysene	11.000		0.28	3.7	ug/Kg
P2037-20	E1CY3	Solid	Dibenzo(a,h)anthracene	2.700	J	0.52	3.7	ug/Kg
P2037-20	E1CY3	Solid	Fluoranthene	28.000		0.2	3.7	ug/Kg
P2037-20	E1CY3	Solid	Indeno(1,2,3-cd)pyrene	8.900		0.58	3.7	ug/Kg
P2037-20	E1CY3	Solid	Naphthalene	4.400		0.22	3.7	ug/Kg
P2037-20	E1CY3	Solid	Phenanthrene	17.000		0.2	3.7	ug/Kg
P2037-20	E1CY3	Solid	Pyrene	21.000		0.27	3.7	ug/Kg
Total Svoc :						175.56		
Total Concentration:						175.56		

Client ID : E1CY6

P2037-21	E1CY6	Solid	Total Alkanes	*	0.000	0.99	7.4	ug/Kg
Total Tics :						0.00		
P2037-21	E1CY6	Solid	1-Methylnaphthalene	J	1.300	0.58	3.7	ug/Kg
P2037-21	E1CY6	Solid	2-Methylnaphthalene	J	2.600	0.21	3.7	ug/Kg
P2037-21	E1CY6	Solid	Acenaphthylene	J	1.000	0.37	3.7	ug/Kg
P2037-21	E1CY6	Solid	Anthracene	J	1.800	0.19	3.7	ug/Kg
P2037-21	E1CY6	Solid	Benzo(a)anthracene		10.000	0.1	3.7	ug/Kg
P2037-21	E1CY6	Solid	Benzo(a)pyrene		7.500	0.35	3.7	ug/Kg
P2037-21	E1CY6	Solid	Benzo(b)fluoranthene		18.000	0.52	3.7	ug/Kg
P2037-21	E1CY6	Solid	Benzo(g,h,i)perylene		7.500	0.83	3.7	ug/Kg
P2037-21	E1CY6	Solid	Benzo(k)fluoranthene		4.500	0.35	3.7	ug/Kg
P2037-21	E1CY6	Solid	Chrysene		7.800	0.28	3.7	ug/Kg
P2037-21	E1CY6	Solid	Dibenzo(a,h)anthracene	J	1.900	0.52	3.7	ug/Kg
P2037-21	E1CY6	Solid	Fluoranthene		16.000	0.2	3.7	ug/Kg
P2037-21	E1CY6	Solid	Indeno(1,2,3-cd)pyrene		6.000	0.58	3.7	ug/Kg
P2037-21	E1CY6	Solid	Naphthalene	J	3.100	0.22	3.7	ug/Kg
P2037-21	E1CY6	Solid	Phenanthrene		11.000	0.2	3.7	ug/Kg
P2037-21	E1CY6	Solid	Pyrene		12.000	0.27	3.7	ug/Kg
Total Svoc :						112.00		
Total Concentration:						112.00		

Client ID : E1CX7

P2037-22	E1CX7	Solid	Total Alkanes	*	0.000	0.97	7.3	ug/Kg
Total Tics :						0.00		
P2037-22	E1CX7	Solid	1-Methylnaphthalene		4.300	0.56	3.6	ug/Kg
P2037-22	E1CX7	Solid	2-Methylnaphthalene		8.700	0.21	3.6	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM042224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2037-22	E1CX7	Solid	Acenaphthene	1.300	J	0.2	3.6	ug/Kg
P2037-22	E1CX7	Solid	Acenaphthylene	2.800	J	0.36	3.6	ug/Kg
P2037-22	E1CX7	Solid	Anthracene	7.500		0.18	3.6	ug/Kg
P2037-22	E1CX7	Solid	Benzo(a)anthracene	50.000		0.1	3.6	ug/Kg
P2037-22	E1CX7	Solid	Benzo(a)pyrene	40.000		0.35	3.6	ug/Kg
P2037-22	E1CX7	Solid	Benzo(b)fluoranthene	91.000	E	0.51	3.6	ug/Kg
P2037-22	E1CX7	Solid	Benzo(g,h,i)perylene	31.000		0.81	3.6	ug/Kg
P2037-22	E1CX7	Solid	Benzo(k)fluoranthene	23.000		0.35	3.6	ug/Kg
P2037-22	E1CX7	Solid	Chrysene	41.000		0.27	3.6	ug/Kg
P2037-22	E1CX7	Solid	Dibenzo(a,h)anthracene	10.000		0.51	3.6	ug/Kg
P2037-22	E1CX7	Solid	Fluoranthene	75.000	E	0.2	3.6	ug/Kg
P2037-22	E1CX7	Solid	Fluorene	1.800	J	0.24	3.6	ug/Kg
P2037-22	E1CX7	Solid	Indeno(1,2,3-cd)pyrene	32.000		0.56	3.6	ug/Kg
P2037-22	E1CX7	Solid	Naphthalene	17.000		0.22	3.6	ug/Kg
P2037-22	E1CX7	Solid	Phenanthrene	38.000		0.2	3.6	ug/Kg
P2037-22	E1CX7	Solid	Pyrene	62.000	E	0.26	3.6	ug/Kg
Total Svoc :				536.40				
Total Concentration:				536.40				

Client ID : E1CX8

P2037-23	E1CX8	Solid	Total Alkanes	*	0.000	0.95	7.1	ug/Kg
Total Tics :				0.00				
P2037-23	E1CX8	Solid	1-Methylnaphthalene		12.000	0.55	3.5	ug/Kg
P2037-23	E1CX8	Solid	2-Methylnaphthalene		13.000	0.2	3.5	ug/Kg
P2037-23	E1CX8	Solid	Acenaphthene	J	2.300	0.19	3.5	ug/Kg
P2037-23	E1CX8	Solid	Acenaphthylene		7.200	0.35	3.5	ug/Kg
P2037-23	E1CX8	Solid	Benzo(a)anthracene		32.000	0.1	3.5	ug/Kg
P2037-23	E1CX8	Solid	Benzo(a)pyrene		28.000	0.34	3.5	ug/Kg
P2037-23	E1CX8	Solid	Benzo(b)fluoranthene	E	69.000	0.5	3.5	ug/Kg
P2037-23	E1CX8	Solid	Benzo(g,h,i)perylene		15.000	0.8	3.5	ug/Kg
P2037-23	E1CX8	Solid	Benzo(k)fluoranthene		22.000	0.34	3.5	ug/Kg
P2037-23	E1CX8	Solid	Chrysene		39.000	0.27	3.5	ug/Kg
P2037-23	E1CX8	Solid	Fluoranthene		52.000	0.19	3.5	ug/Kg
P2037-23	E1CX8	Solid	Fluorene		3.700	0.23	3.5	ug/Kg
P2037-23	E1CX8	Solid	Indeno(1,2,3-cd)pyrene		14.000	0.55	3.5	ug/Kg
P2037-23	E1CX8	Solid	Naphthalene		10.000	0.21	3.5	ug/Kg
P2037-23	E1CX8	Solid	Phenanthrene	E	98.000	0.19	3.5	ug/Kg
P2037-23	E1CX8	Solid	Pyrene	E	67.000	0.26	3.5	ug/Kg
Total Svoc :				484.20				
Total Concentration:				484.20				

Hit Summary Sheet SW-846

SDG No.: BM042224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : E1CX9								
P2037-24	E1CX9	Solid	Total Alkanes	*	0.000	0.99	7.5	ug/Kg
			Total Tics :			0.00		
P2037-24	E1CX9	Solid	1-Methylnaphthalene		8.000	0.58	3.7	ug/Kg
P2037-24	E1CX9	Solid	2-Methylnaphthalene		11.000	0.21	3.7	ug/Kg
P2037-24	E1CX9	Solid	Acenaphthene		4.200	0.2	3.7	ug/Kg
P2037-24	E1CX9	Solid	Acenaphthylene		5.800	0.37	3.7	ug/Kg
P2037-24	E1CX9	Solid	Anthracene		4.400	0.19	3.7	ug/Kg
P2037-24	E1CX9	Solid	Benzo(a)anthracene		29.000	0.1	3.7	ug/Kg
P2037-24	E1CX9	Solid	Benzo(a)pyrene		21.000	0.36	3.7	ug/Kg
P2037-24	E1CX9	Solid	Benzo(b)fluoranthene		42.000	0.52	3.7	ug/Kg
P2037-24	E1CX9	Solid	Benzo(g,h,i)perylene		12.000	0.84	3.7	ug/Kg
P2037-24	E1CX9	Solid	Benzo(k)fluoranthene		14.000	0.36	3.7	ug/Kg
P2037-24	E1CX9	Solid	Chrysene		29.000	0.28	3.7	ug/Kg
P2037-24	E1CX9	Solid	Dibenzo(a,h)anthracene		4.200	0.52	3.7	ug/Kg
P2037-24	E1CX9	Solid	Fluoranthene		55.000	0.2	3.7	ug/Kg
P2037-24	E1CX9	Solid	Fluorene		4.300	0.24	3.7	ug/Kg
P2037-24	E1CX9	Solid	Indeno(1,2,3-cd)pyrene		12.000	0.58	3.7	ug/Kg
P2037-24	E1CX9	Solid	Naphthalene		29.000	0.22	3.7	ug/Kg
P2037-24	E1CX9	Solid	Phenanthrene		64.000	E 0.2	3.7	ug/Kg
P2037-24	E1CX9	Solid	Pyrene		58.000	0.27	3.7	ug/Kg
			Total Svoc :			406.90		
			Total Concentration:			406.90		
Client ID : C0AA6								
P2104-04	C0AA6	Solid	Total Alkanes	*	0.000	1	7.8	ug/Kg
			Total Tics :			0.00		
P2104-04	C0AA6	Solid	Benzo(a)anthracene		2.800	J 0.11	3.9	ug/Kg
P2104-04	C0AA6	Solid	Benzo(b)fluoranthene		3.000	J 0.55	3.9	ug/Kg
P2104-04	C0AA6	Solid	Benzo(g,h,i)perylene		1.400	J 0.88	3.9	ug/Kg
P2104-04	C0AA6	Solid	Chrysene		1.600	J 0.29	3.9	ug/Kg
P2104-04	C0AA6	Solid	Fluoranthene		3.800	J 0.21	3.9	ug/Kg
P2104-04	C0AA6	Solid	Indeno(1,2,3-cd)pyrene		1.000	J 0.61	3.9	ug/Kg
P2104-04	C0AA6	Solid	Phenanthrene		2.400	J 0.21	3.9	ug/Kg
P2104-04	C0AA6	Solid	Pyrene		4.200	0.28	3.9	ug/Kg
			Total Svoc :			20.20		
			Total Concentration:			20.20		
Client ID : C0AA7								
P2104-05	C0AA7	Solid	Total Alkanes	*	0.000	0.96	7.2	ug/Kg
			Total Tics :			0.00		
P2104-05	C0AA7	Solid	Acenaphthene		1.300	J 0.19	3.6	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM042224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2104-05	C0AA7	Solid	Acenaphthylene	10.000		0.36	3.6	ug/Kg
P2104-05	C0AA7	Solid	Anthracene	13.000		0.18	3.6	ug/Kg
P2104-05	C0AA7	Solid	Benzo(a)anthracene	8.500		0.1	3.6	ug/Kg
P2104-05	C0AA7	Solid	Benzo(a)pyrene	1.300	J	0.35	3.6	ug/Kg
P2104-05	C0AA7	Solid	Benzo(b)fluoranthene	5.100		0.51	3.6	ug/Kg
P2104-05	C0AA7	Solid	Benzo(g,h,i)perylene	1.100	J	0.81	3.6	ug/Kg
P2104-05	C0AA7	Solid	Benzo(k)fluoranthene	2.700	J	0.35	3.6	ug/Kg
P2104-05	C0AA7	Solid	Chrysene	3.000	J	0.27	3.6	ug/Kg
P2104-05	C0AA7	Solid	Dibenzo(a,h)anthracene	2.100	J	0.51	3.6	ug/Kg
P2104-05	C0AA7	Solid	Fluoranthene	9.800		0.19	3.6	ug/Kg
P2104-05	C0AA7	Solid	Fluorene	6.000		0.24	3.6	ug/Kg
P2104-05	C0AA7	Solid	Indeno(1,2,3-cd)pyrene	1.300	J	0.56	3.6	ug/Kg
P2104-05	C0AA7	Solid	Phenanthrene	7.000		0.19	3.6	ug/Kg
P2104-05	C0AA7	Solid	Pyrene	2.100	J	0.26	3.6	ug/Kg

Total Svoc :

74.30

Total Concentration:

74.30

Client ID : C0AB1

P2104-11	C0AB1	Solid	Total Alkanes	*	0.000	0.98	7.4	ug/Kg
			Total Tics :			0.00		
P2104-11	C0AB1	Solid	Acenaphthylene		1.700	J 0.36	3.6	ug/Kg
P2104-11	C0AB1	Solid	Benzo(a)anthracene		5.500	0.1	3.6	ug/Kg
P2104-11	C0AB1	Solid	Benzo(a)pyrene		4.600	0.35	3.6	ug/Kg
P2104-11	C0AB1	Solid	Benzo(b)fluoranthene		7.200	0.52	3.6	ug/Kg
P2104-11	C0AB1	Solid	Benzo(g,h,i)perylene		3.600	0.83	3.6	ug/Kg
P2104-11	C0AB1	Solid	Benzo(k)fluoranthene		2.200	J 0.35	3.6	ug/Kg
P2104-11	C0AB1	Solid	Chrysene		3.300	J 0.28	3.6	ug/Kg
P2104-11	C0AB1	Solid	Fluoranthene		7.100	0.2	3.6	ug/Kg
P2104-11	C0AB1	Solid	Indeno(1,2,3-cd)pyrene		3.200	J 0.57	3.6	ug/Kg
P2104-11	C0AB1	Solid	Phenanthrene		2.800	J 0.2	3.6	ug/Kg
P2104-11	C0AB1	Solid	Pyrene		5.700	0.26	3.6	ug/Kg

Total Svoc :

46.90

Total Concentration:

46.90

Client ID : C0AC2

P2104-12	C0AC2	Solid	Total Alkanes	*	0.000	1.1	8.2	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		

Client ID : C0AC3

P2104-13	C0AC3	Solid	Total Alkanes	*	0.000	1.1	7.9	ug/Kg
			Total Tics :			0.00		

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SDG No.: BM042224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				0.00				
Client ID :	C0AC5							
P2104-14	C0AC5	Solid	Total Alkanes	*	0.000	1.1	8.5	ug/Kg
Total Tics :				0.00				
P2104-14	C0AC5	Solid	Benzo(a)anthracene		1.500	J 0.12	4.2	ug/Kg
P2104-14	C0AC5	Solid	Benzo(b)fluoranthene		2.300	J 0.59	4.2	ug/Kg
P2104-14	C0AC5	Solid	Chrysene		1.200	J 0.32	4.2	ug/Kg
P2104-14	C0AC5	Solid	Fluoranthene		2.500	J 0.23	4.2	ug/Kg
P2104-14	C0AC5	Solid	Phenanthrene		2.300	J 0.23	4.2	ug/Kg
P2104-14	C0AC5	Solid	Pyrene		1.900	J 0.3	4.2	ug/Kg
Total Svoc :				11.70				
Total Concentration:				11.70				
Client ID :	C0AD0							
P2104-18	C0AD0	Solid	Total Alkanes	*	0.000	1.1	8.2	ug/Kg
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID :	C0AD1							
P2104-19	C0AD1	Solid	Total Alkanes	*	0.000	1.1	8.1	ug/Kg
Total Tics :				0.00				
P2104-19	C0AD1	Solid	Benzo(a)anthracene		2.300	J 0.11	4	ug/Kg
P2104-19	C0AD1	Solid	Benzo(b)fluoranthene		2.700	J 0.57	4	ug/Kg
P2104-19	C0AD1	Solid	Benzo(g,h,i)perylene		1.400	J 0.91	4	ug/Kg
P2104-19	C0AD1	Solid	Benzo(k)fluoranthene		0.890	J 0.39	4	ug/Kg
P2104-19	C0AD1	Solid	Chrysene		1.200	J 0.3	4	ug/Kg
P2104-19	C0AD1	Solid	Fluoranthene		2.700	J 0.22	4	ug/Kg
P2104-19	C0AD1	Solid	Indeno(1,2,3-cd)pyrene		1.100	J 0.63	4	ug/Kg
P2104-19	C0AD1	Solid	Phenanthrene		1.200	J 0.22	4	ug/Kg
P2104-19	C0AD1	Solid	Pyrene		2.400	J 0.29	4	ug/Kg
Total Svoc :				15.89				
Total Concentration:				15.89				
Client ID :	YCST4							
P2141-01	YCST4	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :				0.00				
P2141-01	YCST4	Water	1,4-Dioxane		0.110	J 0.029	0.2	ug/L
Total Svoc :				0.11				
Total Concentration:				0.11				
Client ID :	YCST5							
P2141-02	YCST5	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
Total Tics :				0.00				

Hit Summary Sheet SW-846

SDG No.: BM042224

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P2141-02	YCST5	Water	1,4-Dioxane	0.110	J	0.03	0.2	ug/L
			Total Svoc :			0.11		
			Total Concentration:			0.11		
Client ID : YCSR6								
P2141-03	YCSR6	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P2141-03	YCSR6	Water	1,4-Dioxane	0.800		0.029	0.2	ug/L
			Total Svoc :			0.80		
			Total Concentration:			0.80		
Client ID : YCST9								
P2141-04	YCST9	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : YCSW0								
P2141-05	YCSW0	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P2141-05	YCSW0	Water	1,4-Dioxane	0.350		0.03	0.2	ug/L
			Total Svoc :			0.35		
			Total Concentration:			0.35		
Client ID : YCSX7								
P2142-01	YCSX7	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P2142-01	YCSX7	Water	1,4-Dioxane	0.200		0.03	0.2	ug/L
			Total Svoc :			0.20		
			Total Concentration:			0.20		
Client ID : YCSX4								
P2142-02	YCSX4	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P2142-02	YCSX4	Water	1,4-Dioxane	0.550		0.029	0.2	ug/L
			Total Svoc :			0.55		
			Total Concentration:			0.55		
Client ID : YCSX8								
P2142-03	YCSX8	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : YCSX9								
P2142-04	YCSX9	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		

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SDG No.: BM042224

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P2142-04	YCSX9	Water	1,4-Dioxane	0.370		0.03	0.2	ug/L
			Total Svoc :			0.37		
			Total Concentration:			0.37		
Client ID : YCSY0								
P2142-05	YCSY0	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P2142-05	YCSY0	Water	1,4-Dioxane	0.120	J	0.029	0.2	ug/L
			Total Svoc :			0.12		
			Total Concentration:			0.12		
Client ID : YCSX5								
P2142-06	YCSX5	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P2142-06	YCSX5	Water	1,4-Dioxane	0.280		0.029	0.2	ug/L
			Total Svoc :			0.28		
			Total Concentration:			0.28		
Client ID : C0AM9								
P2202-01	C0AM9	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P2202-01	C0AM9	Water	1,4-Dioxane	6.800	E	0.03	0.2	ug/L
			Total Svoc :			6.80		
			Total Concentration:			6.80		
Client ID : C0AN6								
P2202-02	C0AN6	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : SLCS063								
PB160063BS	SLCS063	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
PB160063BS	SLCS063	Water	1,4-Dioxane	2.700		0.029	0.2	ug/L
PB160063BS	SLCS063	Water	1-Methylnaphthalene	0.510		0.015	0.1	ug/L
PB160063BS	SLCS063	Water	2-Methylnaphthalene	0.520		0.0053	0.1	ug/L
PB160063BS	SLCS063	Water	Acenaphthene	0.540		0.0074	0.1	ug/L
PB160063BS	SLCS063	Water	Acenaphthylene	0.530		0.012	0.1	ug/L
PB160063BS	SLCS063	Water	Anthracene	0.500		0.008	0.1	ug/L
PB160063BS	SLCS063	Water	Benzo(a)anthracene	0.530		0.0036	0.1	ug/L
PB160063BS	SLCS063	Water	Benzo(a)pyrene	0.560		0.017	0.1	ug/L
PB160063BS	SLCS063	Water	Benzo(b)fluoranthene	0.570		0.013	0.1	ug/L
PB160063BS	SLCS063	Water	Benzo(g,h,i)perylene	0.580		0.022	0.1	ug/L
PB160063BS	SLCS063	Water	Benzo(k)fluoranthene	0.560		0.0098	0.1	ug/L

Hit Summary Sheet SW-846

SDG No.: BM042224

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
PB160063BS	SLCS063	Water	Chrysene	0.550		0.0077	0.1	ug/L
PB160063BS	SLCS063	Water	Dibenzo(a,h)anthracene	0.540		0.014	0.1	ug/L
PB160063BS	SLCS063	Water	Fluoranthene	0.620		0.0079	0.1	ug/L
PB160063BS	SLCS063	Water	Fluorene	0.550		0.0067	0.1	ug/L
PB160063BS	SLCS063	Water	Indeno(1,2,3-cd)pyrene	0.560		0.017	0.1	ug/L
PB160063BS	SLCS063	Water	Naphthalene	0.500		0.0043	0.1	ug/L
PB160063BS	SLCS063	Water	Pentachlorophenol	0.810		0.063	0.2	ug/L
PB160063BS	SLCS063	Water	Phenanthrene	0.500		0.0068	0.1	ug/L
PB160063BS	SLCS063	Water	Pyrene	0.640		0.006	0.1	ug/L
Total Svoc :						13.37		
Total Concentration:						13.37		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM042024 SAS No.: BM042024 SDG No.: BM042024
Instrument ID: _____ Calibration Date(s): 4/20/2024 : _____
Calibration Time(s): 13:42 _____

LAB FILE ID:		RRFAL1 = BM045422.D			RRFAL2 = BM045423.D		RRFAL3 = BM045424.D	
		RRFAL4 = BM045425.D			RRFAL5 = BM045426.D		RRFAL6 = BM045427.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.605	0.525	0.495	0.480	0.475	0.516	10.4
1,4-Dioxane-d8		0.633	0.595	0.508	0.482	0.463	0.536	13.8
Naphthalene	1.089	1.048	1.108	1.078	1.048		1.074	2.4
1-Methylnaphthalene	0.680	0.672	0.703	0.714	0.671		0.688	2.8
2-Methylnaphthalene	0.553	0.551	0.656	0.669	0.638		0.614	9.3
Acenaphthylene	2.015	1.942	1.961	1.972	1.973		1.973	1.4
Acenaphthene	1.462	1.439	1.470	1.481	1.472		1.465	1.1
Fluorene	1.508	1.588	1.512	1.612	1.615		1.567	3.4
Pentachlorophenol		0.062	0.080	0.075	0.093	0.088	0.080	15.1
Phenanthrene	1.170	1.182	1.140	1.163	1.171		1.165	1.4
Anthracene	1.079	1.103	1.064	1.083	1.121		1.090	2.0
Fluoranthene	1.793	2.094	1.820	1.978	1.544		1.846	11.3
Pyrene	1.904	2.146	1.866	1.983	1.589		1.897	10.7
Benzo(a)anthracene	1.095	1.194	1.337	1.355	1.412		1.279	10.2
Chrysene	2.258	2.069	2.006	1.843	1.654		1.966	11.7
Benzo(b)fluoranthene	1.271	1.339	1.314	1.400	1.403		1.346	4.2
Benzo(k)fluoranthene	1.767	1.831	1.687	1.634	1.581		1.700	5.9
Benzo(a)pyrene	1.476	1.394	1.371	1.358	1.379		1.395	3.3
Indeno(1,2,3-cd)pyrene	2.064	2.016	2.016	2.034	2.011		2.028	1.1
Dibenzo(a,h)anthracene	1.643	1.592	1.591	1.611	1.606		1.609	1.3
Benzo(g,h,i)perylene	1.911	1.853	1.821	1.791	1.737		1.822	3.6
Fluoranthene-d10	1.159	1.428	1.259	1.376	1.075		1.259	11.7
2-Methylnaphthalene-d10	0.505	0.513	0.542	0.553	0.524		0.528	3.8

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.: BM042224 SAS No.: BM042224 SDG NO.: BM042224

EPA Sample No.: SSTD0.4031

Date Analyzed: Apr 22 2024 12:00AM

Lab File ID: BM045424.D

Time Analyzed: 11:23

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	787	7.585	2144	10.37	1138	14.23
	UPPER LIMIT	1574	8.085	4288	10.874	2276	14.728
	LOWER LIMIT	393.5	7.085	1072	9.874	569	13.728
	EPA SAMPLE NO.						
01	SBLK418	572	7.56	1743	10.32	985	14.21
02	SLCS063	515	7.61	1625	10.38	874	14.22
03	YCST4	1058	7.56	2945	10.32	1497	14.21
04	YCST5	1022	7.56	3232	10.32	1880	14.21
05	YCSX5	1333	7.56	4205	10.32	2372 *	14.21
06	C0AM9	1135	7.56	3630	10.32	2961 *	14.21
07	C0AN6	1087	7.56	3435	10.32	1902	14.21
08	YCSX7	1260	7.56	3968	10.32	2087	14.21
09	YCSX4	1452	7.56	4256	10.32	2268	14.21
10	YCSX8	814	7.56	2664	10.32	1575	14.21
11	YCSX9	1056	7.56	3388	10.32	1921	14.21
12	YCSY0	1178	7.56	3735	10.32	2111	14.21
13	SLCS418	447	7.62	1665	10.37	909	14.22
14	SBLK416	992	7.56	3108	10.32	1714	14.21
15	SLCS063	803	7.61	2678	10.37	1451	14.22
16	SBLK252	797	7.56	2577	10.32	1458	14.21
17	E1CY0	814	7.56	2607	10.33	1624	14.21
18	E1CY1	904	7.57	2697	10.34	1488	14.21
19	E1CY1MS	686	7.59	2254	10.37	1244	14.22
20	E1CY1MSD	690	7.60	2163	10.38	1195	14.23
21	E1CY4	912	7.56	2914	10.33	1850	14.21
22	E1CY5	1049	7.55	3447	10.31	2074	14.21
23	E1CY3	1045	7.56	3494	10.31	2045	14.21

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM042224 SAS No.: BM042224 SDG NO.: BM042224

EPA Sample No.: SSTD0.4031

Date Analyzed: Apr 23 2024 12:00AM

Lab File ID: BM045424.D

Time Analyzed: 02:41

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	787	7.585	2144	10.37	1138	14.23
	UPPER LIMIT	1574	8.085	4288	10.874	2276	14.728
	LOWER LIMIT	393.5	7.085	1072	9.874	569	13.728
	EPA SAMPLE NO.						
24	E1CY6	954	7.56	3296	10.32	1945	14.21
25	E1CX7	1108	7.56	3539	10.32	2148	14.20
26	E1CX8	1345	7.56	3804	10.32	2524 *	14.21
27	E1CX9	1572	7.56	4865 *	10.32	2979 *	14.21
28	SLCS252	1012	7.57	3552	10.34	2079	14.21
29	SLCS234	2803 *	7.56	9392 *	10.33	5182 *	14.21
30	SBLK222	1121	7.55	3544	10.31	1958	14.20
31	C0AA6	1250	7.56	3903	10.31	2199	14.20
32	C0AA7	1175	7.57	3416	10.33	1770	14.21
33	C0AA7MS	1304	7.56	3690	10.33	1722	14.21
34	C0AA7MSD	1803 *	7.56	5585 *	10.33	2924 *	14.20
35	C0AB1	1620 *	7.55	4477 *	10.31	2112	14.21
36	C0AC2	1428	7.56	3977	10.32	2008	14.21
37	SLCS222	955	7.56	3142	10.33	1545	14.21
38	SBLK429	1159	7.56	3532	10.32	1890	14.21
39	C0AC3	1500	7.55	4247	10.31	2022	14.21
40	C0AC5	1337	7.55	3805	10.32	1806	14.21
41	C0AD0	1345	7.55	4228	10.31	2239	14.20
42	C0AD1	1139	7.56	3599	10.31	1914	14.21
43	YCSR6	1033	7.56	3381	10.32	1890	14.21
44	YCST9	1170	7.56	3706	10.31	2033	14.21
45	YCSW0	1247	7.55	3844	10.31	2228	14.21
46	SLCS429	892	7.56	2978	10.34	1559	14.21



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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM042224 SAS No.: BM042224 SDG NO.: BM042224

EPA Sample No.: SSTD0.4031 Date Analyzed: Apr 23 2024 12:00AM

Lab File ID: BM045424.D Time Analyzed: 20:17

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	787	7.585	2144	10.37	1138	14.23
UPPER LIMIT	1574	8.085	4288	10.874	2276	14.728
LOWER LIMIT	393.5	7.085	1072	9.874	569	13.728
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.: BM042224 SAS No.: BM042224 SDG NO.: BM042224

EPA Sample No.: SSTD0.4086 Date Analyzed: Apr 22 2024 12:00AM

Lab File ID: BM045473.D Time Analyzed: 11:23

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	675	7.601	2338	10.36	1281	14.22
UPPER LIMIT	1350	8.101	4676	10.863	2562	14.72
LOWER LIMIT	337.5	7.101	1169	9.863	640.5	13.72
EPA SAMPLE NO.						
01 SBLK418	572	7.56	1743	10.32	985	14.21
02 SLCS063	515	7.61	1625	10.38	874	14.22
03 YCST4	1058	7.56	2945	10.32	1497	14.21
04 YCST5	1022	7.56	3232	10.32	1880	14.21
05 YCSX5	1333	7.56	4205	10.32	2372	14.21
06 C0AM9	1135	7.56	3630	10.32	2961 *	14.21
07 C0AN6	1087	7.56	3435	10.32	1902	14.21
08 YCSX7	1260	7.56	3968	10.32	2087	14.21
09 YCSX4	1452 *	7.56	4256	10.32	2268	14.21
10 YCSX8	814	7.56	2664	10.32	1575	14.21
11 YCSX9	1056	7.56	3388	10.32	1921	14.21
12 YCSY0	1178	7.56	3735	10.32	2111	14.21
13 SLCS418	447	7.62	1665	10.37	909	14.22
14 SBLK416	992	7.56	3108	10.32	1714	14.21
15 SLCS063	803	7.61	2678	10.37	1451	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.: BM042224 SAS No.: BM042224 SDG NO.: BM042224

EPA Sample No.: SSTD0.4087 Date Analyzed: Apr 22 2024 12:00AM

Lab File ID: BM045489.D Time Analyzed: 21:48

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	543	7.614	2033	10.37	1121	14.22
UPPER LIMIT	1086	8.114	4066	10.869	2242	14.723
LOWER LIMIT	271.5	7.114	1016.5	9.869	560.5	13.723
EPA SAMPLE NO.						
01 SBLK252	797	7.56	2577	10.32	1458	14.21
02 E1CY0	814	7.56	2607	10.33	1624	14.21
03 E1CY1	904	7.57	2697	10.34	1488	14.21
04 E1CY1MS	686	7.59	2254	10.37	1244	14.22
05 E1CY1MSD	690	7.60	2163	10.38	1195	14.23
06 E1CY4	912	7.56	2914	10.33	1850	14.21
07 E1CY5	1049	7.55	3447	10.31	2074	14.21
08 E1CY3	1045	7.56	3494	10.31	2045	14.21
09 E1CY6	954	7.56	3296	10.32	1945	14.21
10 E1CX7	1108 *	7.56	3539	10.32	2148	14.20
11 E1CX8	1345 *	7.56	3804	10.32	2524 *	14.21
12 E1CX9	1572 *	7.56	4865 *	10.32	2979 *	14.21
13 SLCS252	1012	7.57	3552	10.34	2079	14.21
14 SLCS234	2803 *	7.56	9392 *	10.33	5182 *	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.: BM042224 SAS No.: BM042224 SDG NO.: BM042224

EPA Sample No.: SSTD0.4088 Date Analyzed: Apr 23 2024 12:00AM

Lab File ID: BM045504.D Time Analyzed: 09:34

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	1045	7.572	3578	10.34	2026	14.21
UPPER LIMIT	2090	8.072	7156	10.841	4052	14.709
LOWER LIMIT	522.5	7.072	1789	9.841	1013	13.709
EPA SAMPLE NO.						
01 SBLK222	1121	7.55	3544	10.31	1958	14.20
02 C0AA6	1250	7.56	3903	10.31	2199	14.20
03 C0AA7	1175	7.57	3416	10.33	1770	14.21
04 C0AA7MS	1304	7.56	3690	10.33	1722	14.21
05 C0AA7MSD	1803	7.56	5585	10.33	2924	14.20
06 C0AB1	1620	7.55	4477	10.31	2112	14.21
07 C0AC2	1428	7.56	3977	10.32	2008	14.21
08 SLCS222	955	7.56	3142	10.33	1545	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.: BM042224 SAS No.: BM042224 SDG NO.: BM042224

EPA Sample No.: SSTD0.4089 Date Analyzed: Apr 23 2024 12:00AM

Lab File ID: BM045513.D Time Analyzed: 15:19

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	1217	7.563	3855	10.33	1975	14.21
UPPER LIMIT	2434	8.063	7710	10.83	3950	14.709
LOWER LIMIT	608.5	7.063	1927.5	9.83	987.5	13.709
EPA SAMPLE NO.						
01 SBLK429	1159	7.56	3532	10.32	1890	14.21
02 C0AC3	1500	7.55	4247	10.31	2022	14.21
03 C0AC5	1337	7.55	3805	10.32	1806	14.21
04 C0AD0	1345	7.55	4228	10.31	2239	14.20
05 C0AD1	1139	7.56	3599	10.31	1914	14.21
06 YCSR6	1033	7.56	3381	10.32	1890	14.21
07 YCST9	1170	7.56	3706	10.31	2033	14.21
08 YCSW0	1247	7.55	3844	10.31	2228	14.21
09 SLCS429	892	7.56	2978	10.34	1559	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.: BM042224 SAS No.: BM042224 SDG NO.: BM042224

EPA Sample No.: SSTD0.4031 Date Analyzed: Apr 22 2024 12:00AM

Lab File ID: BM045424.D Time Analyzed: 11:23

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	2172	17.005	1443	21.216	2117	23.42
	UPPER LIMIT	4344	17.505	2886	21.716	4234	23.92
	LOWER LIMIT	1086	16.505	721.5	20.716	1058.5	22.92
	EPA SAMPLE NO.						
01	SBLK418	1950	16.97	1036	21.23	650 *	23.40
02	SLCS063	1855	17.00	953	21.22	1171	23.42
03	YCST4	2985	16.97	2302	21.21	2633	23.39
04	YCST5	3700	16.97	2001	21.22	1743	23.39
05	YCSX5	4924 *	16.97	2987 *	21.21	2688	23.40
06	C0AM9	4470 *	16.97	2400	21.21	2114	23.40
07	C0AN6	3680	16.97	1900	21.22	1822	23.40
08	YCSX7	3936	16.97	2739	21.20	3301	23.39
09	YCSX4	4413 *	16.97	3280 *	21.21	3613	23.39
10	YCSX8	3284	16.97	1998	21.21	1654	23.39
11	YCSX9	3824	16.97	2122	21.22	2037	23.40
12	YCSY0	4313	16.97	2557	21.21	2283	23.39
13	SLCS418	1633	17.01	914	21.21	1199	23.41
14	SBLK416	3234	16.97	1641	21.22	1518	23.40
15	SLCS063	2807	17.00	1427	21.21	1827	23.41
16	SBLK252	2833	16.97	1561	21.22	1308	23.40
17	E1CY0	3120	16.97	2163	21.20	2211	23.39
18	E1CY1	2960	16.98	1713	21.21	2196	23.40
19	E1CY1MS	2315	17.00	1504	21.21	1961	23.40
20	E1CY1MSD	2153	17.00	1362	21.21	1844	23.40
21	E1CY4	4004	16.97	2710	21.18	3138	23.38

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM042224 SAS No.: BM042224 SDG NO.: BM042224

EPA Sample No.: SSTD0.4031 Date Analyzed: Apr 23 2024 12:00AM

Lab File ID: BM045424.D Time Analyzed: 01:28

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	2172	17.005	1443	21.216	2117	23.42
	UPPER LIMIT	4344	17.505	2886	21.716	4234	23.92
	LOWER LIMIT	1086	16.505	721.5	20.716	1058.5	22.92
	EPA SAMPLE NO.						
22	E1CY5	4479 *	16.96	3144 *	21.18	3085	23.37
23	E1CY3	4447 *	16.97	3233 *	21.19	3209	23.38
24	E1CY6	4194	16.97	3017 *	21.19	2989	23.38
25	E1CX7	4700 *	16.96	3215 *	21.18	3369	23.37
26	E1CX8	4232	16.97	8248 *	21.20	9310 *	23.41
27	E1CX9	5318 *	16.97	5106 *	21.19	7072 *	23.39
28	SLCS252	4438 *	16.99	3434 *	21.20	3943	23.39
29	SLCS234	10953 *	16.97	8621 *	21.19	10065 *	23.39
30	SBLK222	4099	16.97	3022 *	21.21	3010	23.40
31	C0AA6	4480 *	16.96	2999 *	21.20	3129	23.39
32	C0AA7	2952	16.98	2249	21.18	3296	23.37
33	C0AA7MS	2908	16.97	2607	21.18	3808	23.37
34	C0AA7MSD	5461 *	16.97	3770 *	21.18	5289 *	23.37
35	C0AB1	3985	16.97	3504 *	21.19	4517 *	23.37
36	C0AC2	4114	16.97	3759 *	21.19	4859 *	23.38
37	SLCS222	2409	16.98	1793	21.19	2782	23.39
38	SBLK429	3926	16.97	2570	21.20	2891	23.39
39	C0AC3	3838	16.97	3399 *	21.19	4066	23.38
40	C0AC5	3434	16.97	3019 *	21.20	3644	23.38
41	C0AD0	4257	16.97	2582	21.20	3170	23.38
42	C0AD1	3676	16.97	2168	21.20	2577	23.38

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM042224 SAS No.: BM042224 SDG NO.: BM042224

EPA Sample No.: SSTD0.4031 Date Analyzed: Apr 23 2024 12:00AM

Lab File ID: BM045424.D Time Analyzed: 18:25

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	2172	17.005	1443	21.216	2117	23.42
UPPER LIMIT	4344	17.505	2886	21.716	4234	23.92
LOWER LIMIT	1086	16.505	721.5	20.716	1058.5	22.92
EPA SAMPLE NO.						
43 YCSR6	3958	16.97	2419	21.20	2561	23.38
44 YCST9	3879	16.97	2308	21.20	2672	23.39
45 YCSW0	3947	16.97	2436	21.20	2810	23.38
46 SLCS429	2541	16.98	1819	21.20	2538	23.39

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.: BM042224 SAS No.: BM042224 SDG NO.: BM042224

EPA Sample No.: SSTD0.4086 Date Analyzed: Apr 22 2024 12:00AM

Lab File ID: BM045473.D Time Analyzed: 11:23

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	2402	17.002	1267	21.213	1766	23.41
	UPPER LIMIT	4804	17.502	2534	21.713	3532	23.91
	LOWER LIMIT	1201	16.502	633.5	20.713	883	22.91
	EPA SAMPLE NO.						
01	SBLK418	1950	16.97	1036	21.23	650 *	23.40
02	SLCS063	1855	17.00	953	21.22	1171	23.42
03	YCST4	2985	16.97	2302	21.21	2633	23.39
04	YCST5	3700	16.97	2001	21.22	1743	23.39
05	YCSX5	4924 *	16.97	2987 *	21.21	2688	23.40
06	C0AM9	4470	16.97	2400	21.21	2114	23.40
07	C0AN6	3680	16.97	1900	21.22	1822	23.40
08	YCSX7	3936	16.97	2739 *	21.20	3301	23.39
09	YCSX4	4413	16.97	3280 *	21.21	3613 *	23.39
10	YCSX8	3284	16.97	1998	21.21	1654	23.39
11	YCSX9	3824	16.97	2122	21.22	2037	23.40
12	YCSY0	4313	16.97	2557 *	21.21	2283	23.39
13	SLCS418	1633	17.01	914	21.21	1199	23.41
14	SBLK416	3234	16.97	1641	21.22	1518	23.40
15	SLCS063	2807	17.00	1427	21.21	1827	23.41

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM042224 SAS No.: BM042224 SDG NO.: BM042224

EPA Sample No.: SSTD0.4086 Date Analyzed: Apr 22 2024 12:00AM

Lab File ID: BM045473.D Time Analyzed: 19:57

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	2402	17.002	1267	21.213	1766	23.41
UPPER LIMIT	4804	17.502	2534	21.713	3532	23.91
LOWER LIMIT	1201	16.502	633.5	20.713	883	22.91
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.: BM042224 SAS No.: BM042224 SDG NO.: BM042224

EPA Sample No.: SSTD0.4087 Date Analyzed: Apr 22 2024 12:00AM

Lab File ID: BM045489.D Time Analyzed: 21:48

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	2143	17.005	1140	21.216	1441	23.411
	UPPER LIMIT	4286	17.505	2280	21.716	2882	23.911
	LOWER LIMIT	1071.5	16.505	570	20.716	720.5	22.911
	EPA SAMPLE NO.						
01	SBLK252	2833	16.97	1561	21.22	1308	23.40
02	E1CY0	3120	16.97	2163	21.20	2211	23.39
03	E1CY1	2960	16.98	1713	21.21	2196	23.40
04	E1CY1MS	2315	17.00	1504	21.21	1961	23.40
05	E1CY1MSD	2153	17.00	1362	21.21	1844	23.40
06	E1CY4	4004	16.97	2710 *	21.18	3138 *	23.38
07	E1CY5	4479 *	16.96	3144 *	21.18	3085 *	23.37
08	E1CY3	4447 *	16.97	3233 *	21.19	3209 *	23.38
09	E1CY6	4194	16.97	3017 *	21.19	2989 *	23.38
10	E1CX7	4700 *	16.96	3215 *	21.18	3369 *	23.37
11	E1CX8	4232	16.97	8248 *	21.20	9310 *	23.41
12	E1CX9	5318 *	16.97	5106 *	21.19	7072 *	23.39
13	SLCS252	4438 *	16.99	3434 *	21.20	3943 *	23.39
14	SLCS234	10953 *	16.97	8621 *	21.19	10065 *	23.39

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 LOWER 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.: BM042224 SAS No.: BM042224 SDG NO.: BM042224

EPA Sample No.: SSTD0.4088 Date Analyzed: Apr 23 2024 12:00AM

Lab File ID: BM045504.D Time Analyzed: 09:34

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	4117	16.988	2908	21.202	3883	23.394
UPPER LIMIT	8234	17.488	5816	21.702	7766	23.894
LOWER LIMIT	2058.5	16.488	1454	20.702	1941.5	22.894
EPA SAMPLE NO.						
01 SBLK222	4099	16.97	3022	21.21	3010	23.40
02 C0AA6	4480	16.96	2999	21.20	3129	23.39
03 C0AA7	2952	16.98	2249	21.18	3296	23.37
04 C0AA7MS	2908	16.97	2607	21.18	3808	23.37
05 C0AA7MSD	5461	16.97	3770	21.18	5289	23.37
06 C0AB1	3985	16.97	3504	21.19	4517	23.37
07 C0AC2	4114	16.97	3759	21.19	4859	23.38
08 SLCS222	2409	16.98	1793	21.19	2782	23.39

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.: BM042224 SAS No.: BM042224 SDG NO.: BM042224

EPA Sample No.: SSTD0.4089 Date Analyzed: Apr 23 2024 12:00AM

Lab File ID: BM045513.D Time Analyzed: 15:19

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	3659	16.98	2348	21.193	3474	23.385
UPPER LIMIT	7318	17.48	4696	21.693	6948	23.885
LOWER LIMIT	1829.5	16.48	1174	20.693	1737	22.885
EPA SAMPLE NO.						
01 SBLK429	3926	16.97	2570	21.20	2891	23.39
02 C0AC3	3838	16.97	3399	21.19	4066	23.38
03 C0AC5	3434	16.97	3019	21.20	3644	23.38
04 C0AD0	4257	16.97	2582	21.20	3170	23.38
05 C0AD1	3676	16.97	2168	21.20	2577	23.38
06 YCSR6	3958	16.97	2419	21.20	2561	23.38
07 YCST9	3879	16.97	2308	21.20	2672	23.39
08 YCSW0	3947	16.97	2436	21.20	2810	23.38
09 SLCS429	2541	16.98	1819	21.20	2538	23.39

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.: BM042224

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160063BS	1,4-Dioxane	2	1.7	ug/L	85				0	0	
	Naphthalene	0.4	0.28	ug/L	70				0	0	
	1-Methylnaphthalene	0.4	0.29	ug/L	73				0	0	
	2-Methylnaphthalene	0.4	0.29	ug/L	73				0	0	
	Acenaphthylene	0.4	0.29	ug/L	73				0	0	
	Acenaphthene	0.4	0.3	ug/L	75				0	0	
	Fluorene	0.4	0.29	ug/L	73				0	0	
	Pentachlorophenol	0.8	0.53	ug/L	66				0	0	
	Phenanthrene	0.4	0.29	ug/L	73				0	0	
	Anthracene	0.4	0.29	ug/L	73				0	0	
	Fluoranthene	0.4	0.36	ug/L	90				0	0	
	Pyrene	0.4	0.36	ug/L	90				0	0	
	Benzo(a)anthracene	0.4	0.31	ug/L	78				0	0	
	Chrysene	0.4	0.32	ug/L	80				0	0	
	Benzo(b)fluoranthene	0.4	0.33	ug/L	83				0	0	
	Benzo(k)fluoranthene	0.4	0.32	ug/L	80				0	0	
	Benzo(a)pyrene	0.4	0.33	ug/L	83				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.33	ug/L	83				0	0	
	Dibenzo(a,h)anthracene	0.4	0.32	ug/L	80				0	0	
	Benzo(g,h,i)perylene	0.4	0.34	ug/L	85				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM042224

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160222BS	1,4-Dioxane	66.7	63	ug/Kg	94				0	0		
	Naphthalene	13.3	12	ug/Kg	90				0	0		
	1-Methylnaphthalene	13.3	12	ug/Kg	90				0	0		
	2-Methylnaphthalene	13.3	13	ug/Kg	98				0	0		
	Acenaphthylene	13.3	13	ug/Kg	98				0	0		
	Acenaphthene	13.3	12	ug/Kg	90				0	0		
	Fluorene	13.3	12	ug/Kg	90				0	0		
	Pentachlorophenol	26.7	30	ug/Kg	112				0	0		
	Phenanthrene	13.3	13	ug/Kg	98				0	0		
	Anthracene	13.3	13	ug/Kg	98				0	0		
	Fluoranthene	13.3	12	ug/Kg	90				0	0		
	Pyrene	13.3	12	ug/Kg	90				0	0		
	Benzo(a)anthracene	13.3	15	ug/Kg	113				0	0		
	Chrysene	13.3	12	ug/Kg	90				0	0		
	Benzo(b)fluoranthene	13.3	13	ug/Kg	98				0	0		
	Benzo(k)fluoranthene	13.3	11	ug/Kg	83				0	0		
	Benzo(a)pyrene	13.3	13	ug/Kg	98				0	0		
	Indeno(1,2,3-cd)pyrene	13.3	13	ug/Kg	98				0	0		
	Dibenzo(a,h)anthracene	13.3	13	ug/Kg	98				0	0		
	Benzo(g,h,i)perylene	13.3	12	ug/Kg	90				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM042224

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160234BS	1,4-Dioxane	2	2	ug/L	100				0	0		
	Naphthalene	0.4	0.44	ug/L	110				0	0		
	1-Methylnaphthalene	0.4	0.45	ug/L	113				0	0		
	2-Methylnaphthalene	0.4	0.49	ug/L	123				0	0		
	Acenaphthylene	0.4	0.47	ug/L	117				0	0		
	Acenaphthene	0.4	0.45	ug/L	113				0	0		
	Fluorene	0.4	0.46	ug/L	115				0	0		
	Pentachlorophenol	0.8	1.2	ug/L	150				0	0		
	Phenanthrene	0.4	0.45	ug/L	113				0	0		
	Anthracene	0.4	0.47	ug/L	117				0	0		
	Fluoranthene	0.4	0.44	ug/L	110				0	0		
	Pyrene	0.4	0.46	ug/L	115				0	0		
	Benzo(a)anthracene	0.4	0.56	ug/L	140				0	0		
	Chrysene	0.4	0.4	ug/L	100				0	0		
	Benzo(b)fluoranthene	0.4	0.48	ug/L	120				0	0		
	Benzo(k)fluoranthene	0.4	0.43	ug/L	108				0	0		
	Benzo(a)pyrene	0.4	0.45	ug/L	113				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.41	ug/L	103				0	0		
	Dibenzo(a,h)anthracene	0.4	0.41	ug/L	103				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.: BM042224

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160252BS	1,4-Dioxane	66.7	67	ug/Kg	100				0	0		
	Naphthalene	13.3	12	ug/Kg	90				0	0		
	1-Methylnaphthalene	13.3	12	ug/Kg	90				0	0		
	2-Methylnaphthalene	13.3	13	ug/Kg	98				0	0		
	Acenaphthylene	13.3	13	ug/Kg	98				0	0		
	Acenaphthene	13.3	12	ug/Kg	90				0	0		
	Fluorene	13.3	12	ug/Kg	90				0	0		
	Pentachlorophenol	26.7	31	ug/Kg	116				0	0		
	Phenanthrene	13.3	12	ug/Kg	90				0	0		
	Anthracene	13.3	13	ug/Kg	98				0	0		
	Fluoranthene	13.3	12	ug/Kg	90				0	0		
	Pyrene	13.3	13	ug/Kg	98				0	0		
	Benzo(a)anthracene	13.3	14	ug/Kg	105				0	0		
	Chrysene	13.3	11	ug/Kg	83				0	0		
	Benzo(b)fluoranthene	13.3	13	ug/Kg	98				0	0		
	Benzo(k)fluoranthene	13.3	12	ug/Kg	90				0	0		
	Benzo(a)pyrene	13.3	12	ug/Kg	90				0	0		
	Indeno(1,2,3-cd)pyrene	13.3	12	ug/Kg	90				0	0		
	Dibenzo(a,h)anthracene	13.3	12	ug/Kg	90				0	0		
	Benzo(g,h,i)perylene	13.3	11	ug/Kg	83				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM042224

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160418BS	1,4-Dioxane	2	3.5	ug/L	175				0	0		
	Naphthalene	0.4	0.5	ug/L	125				0	0		
	1-Methylnaphthalene	0.4	0.5	ug/L	125				0	0		
	2-Methylnaphthalene	0.4	0.54	ug/L	135				0	0		
	Acenaphthylene	0.4	0.51	ug/L	128				0	0		
	Acenaphthene	0.4	0.52	ug/L	130				0	0		
	Fluorene	0.4	0.5	ug/L	125				0	0		
	Pentachlorophenol	0.8	1	ug/L	125				0	0		
	Phenanthrene	0.4	0.51	ug/L	128				0	0		
	Anthracene	0.4	0.51	ug/L	128				0	0		
	Fluoranthene	0.4	0.56	ug/L	140				0	0		
	Pyrene	0.4	0.56	ug/L	140				0	0		
	Benzo(a)anthracene	0.4	0.54	ug/L	135				0	0		
	Chrysene	0.4	0.53	ug/L	133				0	0		
	Benzo(b)fluoranthene	0.4	0.59	ug/L	147				0	0		
	Benzo(k)fluoranthene	0.4	0.58	ug/L	145				0	0		
	Benzo(a)pyrene	0.4	0.57	ug/L	143				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.58	ug/L	145				0	0		
	Dibenzo(a,h)anthracene	0.4	0.58	ug/L	145				0	0		
	Benzo(g,h,i)perylene	0.4	0.6	ug/L	150				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM042224

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160429BS	1,4-Dioxane	2	1.8	ug/L	90				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	0.39	ug/L	98				0	0		
	Acenaphthylene	0.4	0.37	ug/L	93				0	0		
	Acenaphthene	0.4	0.36	ug/L	90				0	0		
	Fluorene	0.4	0.34	ug/L	85				0	0		
	Pentachlorophenol	0.8	0.85	ug/L	106				0	0		
	Phenanthrene	0.4	0.36	ug/L	90				0	0		
	Anthracene	0.4	0.38	ug/L	95				0	0		
	Fluoranthene	0.4	0.34	ug/L	85				0	0		
	Pyrene	0.4	0.34	ug/L	85				0	0		
	Benzo(a)anthracene	0.4	0.42	ug/L	105				0	0		
	Chrysene	0.4	0.35	ug/L	88				0	0		
	Benzo(b)fluoranthene	0.4	0.38	ug/L	95				0	0		
	Benzo(k)fluoranthene	0.4	0.36	ug/L	90				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	0.38	ug/L	95				0	0		
	Benzo(g,h,i)perylene	0.4	0.37	ug/L	93				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SLCS063

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM042224

SAS No.: BM042224 SDG NO.: BM042224

Lab File ID: BM045475.D

Lab Sample ID: PB160063BS

Instrument ID: BNA_M

Date Extracted: 04/06/2024

Matrix: (soil/water) Water

Date Analyzed: 04/22/2024

Level: (low/med) LOW

Time Analyzed: 11:59

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SLCS063	PB160063BS	BM045475.D	04/22/2024
PB160063BS	PB160063BS	BM045488.D	04/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK222

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM042224

SAS No.: BM042224 SDG NO.: BM042224

Lab File ID: BM045505.D

Lab Sample ID: PB160222BL

Instrument ID: BNA_M

Date Extracted: 04/12/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/23/2024

Level: (low/med) LOW

Time Analyzed: 09:34

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AA6	P2104-04	BM045506.D	04/23/2024
C0AA7	P2104-05	BM045507.D	04/23/2024
C0AA7MS	P2104-06MS	BM045508.D	04/23/2024
C0AA7MSD	P2104-07MSD	BM045509.D	04/23/2024
C0AB1	P2104-11	BM045510.D	04/23/2024
C0AC2	P2104-12	BM045511.D	04/23/2024
PB160222BS	PB160222BS	BM045512.D	04/23/2024
C0AC3	P2104-13	BM045515.D	04/23/2024
C0AC5	P2104-14	BM045516.D	04/23/2024
C0AD0	P2104-18	BM045517.D	04/23/2024
C0AD1	P2104-19	BM045518.D	04/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SLCS234

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM042224

SAS No.: BM042224 SDG NO.: BM042224

Lab File ID: BM045503.D

Lab Sample ID: PB160234BS

Instrument ID: BNA_M

Date Extracted: 04/13/2024

Matrix: (soil/water) Water

Date Analyzed: 04/23/2024

Level: (low/med) LOW

Time Analyzed: 05:42

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160234BS	PB160234BS	BM045503.D	04/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK252

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM042224

SAS No.: BM042224 SDG NO.: BM042224

Lab File ID: BM045490.D

Lab Sample ID: PB160252BL

Instrument ID: BNA_M

Date Extracted: 04/15/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/22/2024

Level: (low/med) LOW

Time Analyzed: 21:48

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1CY0	P2037-01	BM045491.D	04/22/2024
E1CY1	P2037-14	BM045492.D	04/22/2024
E1CY1MS	P2037-15MS	BM045493.D	04/22/2024
E1CY1MSD	P2037-16MSD	BM045494.D	04/23/2024
E1CY4	P2037-18	BM045495.D	04/23/2024
E1CY5	P2037-19	BM045496.D	04/23/2024
E1CY3	P2037-20	BM045497.D	04/23/2024
E1CY6	P2037-21	BM045498.D	04/23/2024
E1CX7	P2037-22	BM045499.D	04/23/2024
E1CX8	P2037-23	BM045500.D	04/23/2024
E1CX9	P2037-24	BM045501.D	04/23/2024
PB160252BS	PB160252BS	BM045502.D	04/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK416

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM042224

SAS No.: BM042224 SDG NO.: BM042224

Lab File ID: BM045487.D

Lab Sample ID: PB160416BL

Instrument ID: BNA_M

Date Extracted: 04/20/2024

Matrix: (soil/water) Water

Date Analyzed: 04/22/2024

Level: (low/med) LOW

Time Analyzed: 19:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
YCSX7	P2142-01	BM045481.D	04/22/2024
YCSX4	P2142-02	BM045482.D	04/22/2024
YCSX8	P2142-03	BM045483.D	04/22/2024
YCSX9	P2142-04	BM045484.D	04/22/2024
YCSY0	P2142-05	BM045485.D	04/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK418

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM042224

SAS No.: BM042224 SDG NO.: BM042224

Lab File ID: BM045474.D

Lab Sample ID: PB160418BL

Instrument ID: BNA_M

Date Extracted: 04/20/2024

Matrix: (soil/water) Water

Date Analyzed: 04/22/2024

Level: (low/med) LOW

Time Analyzed: 11:23

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160418BS	PB160418BS	BM045486.D	04/22/2024
YCST4	P2141-01	BM045476.D	04/22/2024
YCST5	P2141-02	BM045477.D	04/22/2024
YCSX5	P2142-06	BM045478.D	04/22/2024
C0AM9	P2202-01	BM045479.D	04/22/2024
C0AN6	P2202-02	BM045480.D	04/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK429

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM042224

SAS No.: BM042224 SDG NO.: BM042224

Lab File ID: BM045514.D

Lab Sample ID: PB160429BL

Instrument ID: BNA_M

Date Extracted: 04/22/2024

Matrix: (soil/water) Water

Date Analyzed: 04/23/2024

Level: (low/med) LOW

Time Analyzed: 15:19

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
YCSR6	P2141-03	BM045519.D	04/23/2024
YCST9	P2141-04	BM045520.D	04/23/2024
YCSW0	P2141-05	BM045521.D	04/23/2024
PB160429BS	PB160429BS	BM045522.D	04/23/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM042224

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2104-06MS	Client Sample ID:	C0AA7MS					DataFile:	BM045508.D		
1,4-Dioxane	71.9		23	ug/Kg	32				15	120	
Naphthalene	14.4			ug/Kg	0				0	0	
1-Methylnaphthalene	14.4			ug/Kg	0				0	0	
2-Methylnaphthalene	14.4			ug/Kg	0				0	0	
Acenaphthylene	14.4	10	14	ug/Kg	28				0	0	
Acenaphthene	14.4	1.3	0.9	ug/Kg	-3	*			31	137	
Fluorene	14.4	6	2.4	ug/Kg	-25				0	0	
Pentachlorophenol	28.7		0	ug/Kg	0	*			17	109	
Phenanthrene	14.4	7	1.6	ug/Kg	-38				0	0	
Anthracene	14.4	13	17	ug/Kg	28				0	0	
Fluoranthene	14.4	9.8	3.6	ug/Kg	-43				0	0	
Pyrene	14.4	2.1	0.83	ug/Kg	-9	*			35	142	
Benzo(a)anthracene	14.4	8.5	4.6	ug/Kg	-27				0	0	
Chrysene	14.4	3	0.79	ug/Kg	-15				0	0	
Benzo(b)fluoranthene	14.4	5.1	2	ug/Kg	-22				0	0	
Benzo(k)fluoranthene	14.4	2.7	0.9	ug/Kg	-13				0	0	
Benzo(a)pyrene	14.4	1.3		ug/Kg					0	0	
Indeno(1,2,3-cd)pyrene	14.4	1.3		ug/Kg					0	0	
Dibenzo(a,h)anthracene	14.4	2.1	1.1	ug/Kg	-7				0	0	
Benzo(g,h,i)perylene	14.4	1.1		ug/Kg					0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM042224

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2104-07MSD	Client Sample ID:	C0AA7MSD					DataFile:	BM045509.D		
1,4-Dioxane	71.8		22	ug/Kg	31		3		15	120	50
Naphthalene	14.4			ug/Kg	0				0	0	0
1-Methylnaphthalene	14.4			ug/Kg	0				0	0	0
2-Methylnaphthalene	14.4			ug/Kg	0				0	0	0
Acenaphthylene	14.4	10	13	ug/Kg	21		29	*	0	0	0
Acenaphthene	14.4	1.3	0.86	ug/Kg	-3	*	0		31	137	19
Fluorene	14.4	6	2.6	ug/Kg	-24		4	*	0	0	0
Pentachlorophenol	28.7		0	ug/Kg	0	*			17	109	47
Phenanthrene	14.4	7	1.6	ug/Kg	-38		0		0	0	0
Anthracene	14.4	13	13	ug/Kg	0		200	*	0	0	0
Fluoranthene	14.4	9.8	4.3	ug/Kg	-38		12	*	0	0	0
Pyrene	14.4	2.1	1.1	ug/Kg	-7	*	25		35	142	36
Benzo(a)anthracene	14.4	8.5	4.6	ug/Kg	-27		0		0	0	0
Chrysene	14.4	3	0.83	ug/Kg	-15		0		0	0	0
Benzo(b)fluoranthene	14.4	5.1	2	ug/Kg	-22		0		0	0	0
Benzo(k)fluoranthene	14.4	2.7	0.93	ug/Kg	-12		8	*	0	0	0
Benzo(a)pyrene	14.4	1.3	0.83	ug/Kg	-3				0	0	0
Indeno(1,2,3-cd)pyrene	14.4	1.3		ug/Kg					0	0	0
Dibenzo(a,h)anthracene	14.4	2.1	0.93	ug/Kg	-8		13	*	0	0	0
Benzo(g,h,i)perylene	14.4	1.1		ug/Kg					0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM042224

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2037-15MS	Client Sample ID:	E1CY1MS					DataFile:	BM045493.D		
1,4-Dioxane	73.2		45	ug/Kg	61				15	120	
Naphthalene	14.6			ug/Kg	0				0	0	
1-Methylnaphthalene	14.6			ug/Kg	0				0	0	
2-Methylnaphthalene	14.6			ug/Kg	0				0	0	
Acenaphthylene	14.6			ug/Kg	0				0	0	
Acenaphthene	14.6			ug/Kg	0	*			31	137	
Fluorene	14.6		0.95	ug/Kg	7				0	0	
Pentachlorophenol	29.3			ug/Kg	0	*			17	109	
Phenanthrene	14.6			ug/Kg	0				0	0	
Anthracene	14.6			ug/Kg	0				0	0	
Fluoranthene	14.6			ug/Kg	0				0	0	
Pyrene	14.6			ug/Kg	0	*			35	142	
Benzo(a)anthracene	14.6			ug/Kg	0				0	0	
Chrysene	14.6			ug/Kg	0				0	0	
Benzo(b)fluoranthene	14.6			ug/Kg	0				0	0	
Benzo(k)fluoranthene	14.6			ug/Kg	0				0	0	
Benzo(a)pyrene	14.6			ug/Kg	0				0	0	
Indeno(1,2,3-cd)pyrene	14.6			ug/Kg	0				0	0	
Dibenzo(a,h)anthracene	14.6			ug/Kg	0				0	0	
Benzo(g,h,i)perylene	14.6			ug/Kg	0				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM042224

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2037-16MSD	Client Sample ID:	E1CY1MSD					DataFile:	BM045494.D		
1,4-Dioxane	73.1		39	ug/Kg	53		14		15	120	50
Naphthalene	14.6			ug/Kg	0				0	0	0
1-Methylnaphthalene	14.6			ug/Kg	0				0	0	0
2-Methylnaphthalene	14.6			ug/Kg	0				0	0	0
Acenaphthylene	14.6		0.77	ug/Kg	5		200	*	0	0	0
Acenaphthene	14.6			ug/Kg	0	*			31	137	19
Fluorene	14.6		0.84	ug/Kg	6		15	*	0	0	0
Pentachlorophenol	29.2			ug/Kg	0	*			17	109	47
Phenanthrene	14.6			ug/Kg	0				0	0	0
Anthracene	14.6			ug/Kg	0				0	0	0
Fluoranthene	14.6			ug/Kg	0				0	0	0
Pyrene	14.6			ug/Kg	0	*			35	142	36
Benzo(a)anthracene	14.6			ug/Kg	0				0	0	0
Chrysene	14.6			ug/Kg	0				0	0	0
Benzo(b)fluoranthene	14.6			ug/Kg	0				0	0	0
Benzo(k)fluoranthene	14.6			ug/Kg	0				0	0	0
Benzo(a)pyrene	14.6			ug/Kg	0				0	0	0
Indeno(1,2,3-cd)pyrene	14.6			ug/Kg	0				0	0	0
Dibenzo(a,h)anthracene	14.6			ug/Kg	0				0	0	0
Benzo(g,h,i)perylene	14.6			ug/Kg	0				0	0	0



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Surrogate Summary

SW-846

SDG No.: BM042224

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB160063BS	SLCS063	BM045475.D	1,4-Dioxane-d8	8	1.18	15		15	120
	PB160063BS	BM045488.D	1,4-Dioxane-d8	0.8	0.68	84		15	120
			Fluoranthene-d10	0.4	0.35	87		30	130
	SLCS063	BM045475.D	Fluoranthene-d10	0.4	0.60	151	*	30	130
			2-Methylnaphthalene-d10	0.4	0.50	125		30	130
	PB160063BS	BM045488.D	2-Methylnaphthalene-d10	0.4	0.29	71		30	130

Surrogate Summary

SW-846

SDG No.: **BM042224**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2104-04	C0AA6	BM045506.D	1,4-Dioxane-d8	8	3.38	42		15	120
			Fluoranthene-d10	0.4	0.27	68		30	130
			2-Methylnaphthalene-d10	0.4	0.25	61		20	140
P2104-05	C0AA7	BM045507.D	1,4-Dioxane-d8	8	2.38	30		15	120
			Fluoranthene-d10	0.4	0.00	1	*	30	130
			2-Methylnaphthalene-d10	0.4	0.01	2	*	20	140
P2104-06MS	C0AA7MS	BM045508.D	1,4-Dioxane-d8	0.8	0.24	30		15	120
			Fluoranthene-d10	0.4	0.00	1	*	30	130
			2-Methylnaphthalene-d10	0.4	0.00	1	*	20	140
P2104-07MSD	C0AA7MSD	BM045509.D	1,4-Dioxane-d8	0.8	0.22	28		15	120
			Fluoranthene-d10	0.4	0.00	1	*	30	130
			2-Methylnaphthalene-d10	0.4	0.01	2	*	20	140
P2104-11	C0AB1	BM045510.D	1,4-Dioxane-d8	8	3.50	44		15	120
			Fluoranthene-d10	0.4	0.21	51		30	130
			2-Methylnaphthalene-d10	0.4	0.24	61		20	140
P2104-12	C0AC2	BM045511.D	1,4-Dioxane-d8	8	2.72	34		15	120
			Fluoranthene-d10	0.4	0.19	47		30	130
			2-Methylnaphthalene-d10	0.4	0.20	49		20	140
P2104-13	C0AC3	BM045515.D	1,4-Dioxane-d8	8	3.23	40		15	120
			Fluoranthene-d10	0.4	0.21	53		30	130
			2-Methylnaphthalene-d10	0.4	0.24	59		20	140
P2104-14	C0AC5	BM045516.D	1,4-Dioxane-d8	8	2.70	34		15	120
			Fluoranthene-d10	0.4	0.18	46		30	130
			2-Methylnaphthalene-d10	0.4	0.19	47		20	140
P2104-18	C0AD0	BM045517.D	1,4-Dioxane-d8	8	2.81	35		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.22	55		20	140
P2104-19	C0AD1	BM045518.D	1,4-Dioxane-d8	8	3.06	38		15	120
			Fluoranthene-d10	0.4	0.27	67		30	130
			2-Methylnaphthalene-d10	0.4	0.23	58		20	140
PB160222BL	PB160222BL	BM045505.D	1,4-Dioxane-d8	8	5.34	67		15	120
			Fluoranthene-d10	0.4	0.28	71		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		20	140
PB160222BS	PB160222BS	BM045512.D	1,4-Dioxane-d8	0.8	0.63	78		15	120
			Fluoranthene-d10	0.4	0.35	87		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		20	140



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Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: BM042224

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB160234BS	PB160234BS	BM045503.D	1,4-Dioxane-d8	0.8	0.72	90		15	120
			Fluoranthene-d10	0.4	0.44	111		30	130
			2-Methylnaphthalene-d10	0.4	0.45	113		30	130

Surrogate Summary

SW-846

SDG No.: **BM042224**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2037-01	E1CY0	BM045491.D	1,4-Dioxane-d8	8	2.37	30		15	120
			Fluoranthene-d10	0.4	0.20	50		30	130
			2-Methylnaphthalene-d10	0.4	0.19	48		20	140
P2037-14	E1CY1	BM045492.D	1,4-Dioxane-d8	8	2.87	36		15	120
			Fluoranthene-d10	0.4	0.01	2	*	30	130
			2-Methylnaphthalene-d10	0.4	0.04	9	*	20	140
P2037-15MS	E1CY1MS	BM045493.D	1,4-Dioxane-d8	8	0.50	6	*	15	120
			Fluoranthene-d10	0.4	0.00	1	*	30	130
			2-Methylnaphthalene-d10	0.4	0.00	1	*	20	140
P2037-16MSD	E1CY1MSD	BM045494.D	1,4-Dioxane-d8	8	0.44	5	*	15	120
			Fluoranthene-d10	0.4	0.00	1	*	30	130
			2-Methylnaphthalene-d10	0.4	0.01	2	*	20	140
P2037-18	E1CY4	BM045495.D	1,4-Dioxane-d8	8	2.61	33		15	120
			Fluoranthene-d10	0.4	0.21	52		30	130
			2-Methylnaphthalene-d10	0.4	0.23	57		20	140
P2037-19	E1CY5	BM045496.D	1,4-Dioxane-d8	8	4.49	56		15	120
			Fluoranthene-d10	0.4	0.35	88		30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		20	140
P2037-20	E1CY3	BM045497.D	1,4-Dioxane-d8	8	4.09	51		15	120
			Fluoranthene-d10	0.4	0.31	76		30	130
			2-Methylnaphthalene-d10	0.4	0.30	76		20	140
P2037-21	E1CY6	BM045498.D	1,4-Dioxane-d8	8	3.16	39		15	120
			Fluoranthene-d10	0.4	0.26	64		30	130
			2-Methylnaphthalene-d10	0.4	0.24	59		20	140
P2037-22	E1CX7	BM045499.D	1,4-Dioxane-d8	8	2.83	35		15	120
			Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.23	58		20	140
P2037-23	E1CX8	BM045500.D	1,4-Dioxane-d8	8	3.31	41		15	120
			Fluoranthene-d10	0.4	0.21	53		30	130
			2-Methylnaphthalene-d10	0.4	0.33	83		20	140
P2037-24	E1CX9	BM045501.D	1,4-Dioxane-d8	8	2.80	35		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		20	140
PB160252BL	PB160252BL	BM045490.D	1,4-Dioxane-d8	8	4.17	52		15	120
			Fluoranthene-d10	0.4	0.32	81		30	130
			2-Methylnaphthalene-d10	0.4	0.27	67		20	140
PB160252BS	PB160252BS	BM045502.D	1,4-Dioxane-d8	0.8	0.69	86		15	120
			Fluoranthene-d10	0.4	0.37	93		30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		20	140

Surrogate Summary

SW-846

SDG No.: **BM042224**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2142-01	YCSX7	BM045481.D	1,4-Dioxane-d8	8	2.65	33		15	120
			Fluoranthene-d10	0.4	0.26	65		30	130
			2-Methylnaphthalene-d10	0.4	0.23	58		30	130
P2142-02	YCSX4	BM045482.D	1,4-Dioxane-d8	8	2.14	27		15	120
			Fluoranthene-d10	0.4	0.24	59		30	130
			2-Methylnaphthalene-d10	0.4	0.21	53		30	130
P2142-03	YCSX8	BM045483.D	1,4-Dioxane-d8	8	3.88	49		15	120
			Fluoranthene-d10	0.4	0.53	133	*	30	130
			2-Methylnaphthalene-d10	0.4	0.40	99		30	130
P2142-04	YCSX9	BM045484.D	1,4-Dioxane-d8	8	4.31	54		15	120
			Fluoranthene-d10	0.4	0.38	95		30	130
			2-Methylnaphthalene-d10	0.4	0.31	78		30	130
P2142-05	YCSY0	BM045485.D	1,4-Dioxane-d8	8	3.53	44		15	120
			Fluoranthene-d10	0.4	0.37	93		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		30	130
PB160416BL	PB160416BL	BM045487.D	1,4-Dioxane-d8	8	4.13	52		15	120
			Fluoranthene-d10	0.4	0.32	79		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		30	130

Surrogate Summary

SW-846

SDG No.: **BM042224**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2141-01	YCST4	BM045476.D	1,4-Dioxane-d8	8	4.43	55		15	120
			Fluoranthene-d10	0.4	0.28	70		30	130
			2-Methylnaphthalene-d10	0.4	0.29	74		30	130
P2141-02	YCST5	BM045477.D	1,4-Dioxane-d8	8	3.48	43		15	120
			Fluoranthene-d10	0.4	0.46	114		30	130
			2-Methylnaphthalene-d10	0.4	0.36	91		30	130
P2142-06	YCSX5	BM045478.D	1,4-Dioxane-d8	8	2.28	28		15	120
			Fluoranthene-d10	0.4	0.30	74		30	130
			2-Methylnaphthalene-d10	0.4	0.23	56		30	130
P2202-01	C0AM9	BM045479.D	1,4-Dioxane-d8	8	7.60	95		15	120
			Fluoranthene-d10	0.4	0.43	106		30	130
			2-Methylnaphthalene-d10	0.4	0.33	82		30	130
P2202-02	C0AN6	BM045480.D	1,4-Dioxane-d8	8	5.23	65		15	120
			Fluoranthene-d10	0.4	0.39	97		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
PB160418BL	PB160418BL	BM045474.D	1,4-Dioxane-d8	8	7.45	93		15	120
			Fluoranthene-d10	0.4	0.58	145	*	30	130
			2-Methylnaphthalene-d10	0.4	0.48	121		30	130
PB160418BS	PB160418BS	BM045486.D	1,4-Dioxane-d8	0.8	1.29	161	*	15	120
			Fluoranthene-d10	0.4	0.54	135	*	30	130
			2-Methylnaphthalene-d10	0.4	0.50	125		30	130

Surrogate Summary

SW-846

SDG No.: **BM042224**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2141-03	YCSR6	BM045519.D	1,4-Dioxane-d8	8	3.03	38		15	120
			Fluoranthene-d10	0.4	0.40	99		30	130
			2-Methylnaphthalene-d10	0.4	0.34	84		30	130
P2141-04	YCST9	BM045520.D	1,4-Dioxane-d8	8	2.78	35		15	120
			Fluoranthene-d10	0.4	0.36	91		30	130
			2-Methylnaphthalene-d10	0.4	0.32	80		30	130
P2141-05	YCSW0	BM045521.D	1,4-Dioxane-d8	8	2.46	31		15	120
			Fluoranthene-d10	0.4	0.32	81		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		30	130
PB160429BL	PB160429BL	BM045514.D	1,4-Dioxane-d8	8	4.77	60		15	120
			Fluoranthene-d10	0.4	0.31	77		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		30	130
PB160429BS	PB160429BS	BM045522.D	1,4-Dioxane-d8	0.8	0.67	83		15	120
			Fluoranthene-d10	0.4	0.35	86		30	130
			2-Methylnaphthalene-d10	0.4	0.38	94		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM042224

Lab Code: CHEM

SAS No.: BM042224

SDG NO.: BM042224

Lab File ID: BM045472.D

DFTPP Injection Date: 04/22/2024

Instrument ID: BNA_M

DFTPP Injection Time: 10:08

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	68
68	Less than 2.0% of mass 69	1.1 (1.7) 1
69	Mass 69 relative abundance	64.2
70	Less than 2.0% of mass 69	0.4 (0.6) 1
127	10.0 - 80.0% of mass 198	69.8
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	26.6
365	Greater than 1% of mass 198	5.9
441	Present, but less than mass 443	12.9
442	Greater than 50% of mass 198	78.3
443	15.0 - 24.0% of mass 442	15 (19.1) 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
SSTD0.4086	SSTDCCC0.4	BM045473.D	04/22/2024	10:44
SBLK418	PB160418BL	BM045474.D	04/22/2024	11:23
SLCS063	PB160063BS	BM045475.D	04/22/2024	11:59
YCST4	P2141-01	BM045476.D	04/22/2024	12:35
YCST5	P2141-02	BM045477.D	04/22/2024	13:12
YCSX5	P2142-06	BM045478.D	04/22/2024	13:48
C0AM9	P2202-01	BM045479.D	04/22/2024	14:25
C0AN6	P2202-02	BM045480.D	04/22/2024	15:01
YCSX7	P2142-01	BM045481.D	04/22/2024	15:38
YCSX4	P2142-02	BM045482.D	04/22/2024	16:15
YCSX8	P2142-03	BM045483.D	04/22/2024	16:52
YCSX9	P2142-04	BM045484.D	04/22/2024	17:29
YCSY0	P2142-05	BM045485.D	04/22/2024	18:06
SLCS418	PB160418BS	BM045486.D	04/22/2024	18:43
SBLK416	PB160416BL	BM045487.D	04/22/2024	19:20
SLCS063	PB160063BS	BM045488.D	04/22/2024	19:57
SSTD0.4087	SSTDCCC0.4	BM045489.D	04/22/2024	21:11
SBLK252	PB160252BL	BM045490.D	04/22/2024	21:48

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM042224

Lab Code: CHEM

SAS No.: BM042224

SDG NO.: BM042224

Lab File ID: BM045472.D

DFTPP Injection Date: 04/22/2024

Instrument ID: BNA_M

DFTPP Injection Time: 10:08

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	68
68	Less than 2.0% of mass 69	1.1 (1.7) 1
69	Mass 69 relative abundance	64.2
70	Less than 2.0% of mass 69	0.4 (0.6) 1
127	10.0 - 80.0% of mass 198	69.8
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	26.6
365	Greater than 1% of mass 198	5.9
441	Present, but less than mass 443	12.9
442	Greater than 50% of mass 198	78.3
443	15.0 - 24.0% of mass 442	15 (19.1) 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
E1CY0	P2037-01	BM045491.D	04/22/2024	22:25
E1CY1	P2037-14	BM045492.D	04/22/2024	23:01
E1CY1MS	P2037-15MS	BM045493.D	04/22/2024	23:38
E1CY1MSD	P2037-16MSD	BM045494.D	04/23/2024	00:15
E1CY4	P2037-18	BM045495.D	04/23/2024	00:51
E1CY5	P2037-19	BM045496.D	04/23/2024	01:28
E1CY3	P2037-20	BM045497.D	04/23/2024	02:04
E1CY6	P2037-21	BM045498.D	04/23/2024	02:41
E1CX7	P2037-22	BM045499.D	04/23/2024	03:17
E1CX8	P2037-23	BM045500.D	04/23/2024	03:53
E1CX9	P2037-24	BM045501.D	04/23/2024	04:29
SLCS252	PB160252BS	BM045502.D	04/23/2024	05:06
SLCS234	PB160234BS	BM045503.D	04/23/2024	05:42
SSTD0.4088	SSTDCCC0.4	BM045504.D	04/23/2024	06:54
SBLK222	PB160222BL	BM045505.D	04/23/2024	09:34
C0AA6	P2104-04	BM045506.D	04/23/2024	10:11
C0AA7	P2104-05	BM045507.D	04/23/2024	10:47
C0AA7MS	P2104-06MS	BM045508.D	04/23/2024	11:23

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM042224

Lab Code: CHEM

SAS No.: BM042224

SDG NO.: BM042224

Lab File ID: BM045472.D

DFTPP Injection Date: 04/22/2024

Instrument ID: BNA_M

DFTPP Injection Time: 10:08

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	68
68	Less than 2.0% of mass 69	1.1 (1.7) 1
69	Mass 69 relative abundance	64.2
70	Less than 2.0% of mass 69	0.4 (0.6) 1
127	10.0 - 80.0% of mass 198	69.8
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	26.6
365	Greater than 1% of mass 198	5.9
441	Present, but less than mass 443	12.9
442	Greater than 50% of mass 198	78.3
443	15.0 - 24.0% of mass 442	15 (19.1) 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
C0AA7MSD	P2104-07MSD	BM045509.D	04/23/2024	12:00
C0AB1	P2104-11	BM045510.D	04/23/2024	12:37
C0AC2	P2104-12	BM045511.D	04/23/2024	13:14
SLCS222	PB160222BS	BM045512.D	04/23/2024	13:51
SSTD0.4089	SSTDCCC0.4	BM045513.D	04/23/2024	14:28
SBLK429	PB160429BL	BM045514.D	04/23/2024	15:19
C0AC3	P2104-13	BM045515.D	04/23/2024	15:56
C0AC5	P2104-14	BM045516.D	04/23/2024	16:33
C0AD0	P2104-18	BM045517.D	04/23/2024	17:10
C0AD1	P2104-19	BM045518.D	04/23/2024	17:48
YCSR6	P2141-03	BM045519.D	04/23/2024	18:25
YCST9	P2141-04	BM045520.D	04/23/2024	19:03
YCSW0	P2141-05	BM045521.D	04/23/2024	19:40
SLCS429	PB160429BS	BM045522.D	04/23/2024	20:17
SSTD0.4090	SSTDCCC0.4EC	BM045523.D	04/23/2024	21:31